



Progress Report on Sustainable Development Goals (SDGs) 2019-20

(Major activities to support SDGs)



CHITKARA
UNIVERSITY

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Progress Report on Sustainable Development Goals

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1 NO POVERTY



Joy of Giving on Diwali Festival

Type of Event: Social

Date: October 25, 2019

Venue: Govt. Elementary School, Kalonmajra, Patiala and Govt. Elementary School, Rampur, Patiala

Name of Organizing Agency with Contact Details: NSS Wing, Dept. of Electronics and Communication Engineering

Total number of faculty participated and organized the event: 25

Facilitators: Dr. Shivani Malhotra, Isha Gupta, Amit Pandey and Faculty members

Description of Event

NSS Wing of Department of Electronics and Communication organized a 'Joy of Giving' activity on auspicious occasion of Diwali festival on 25th October 25, 2019. The objective of the event was to exchange Diwali greetings with the staff and school-children of nearby villages of Kalonmajra and Rampur. A day before the event all faculty members prepared hand-made 'Greeting-cards' and also arranged some gifts for the children. All the faculty members of the ECE department visited the schools and interacted personally with the children as well as their teachers.



Group photograph with children



Group photograph with children



Distribution of Gifts to the Children



Distribution of Gifts to the Children



Distribution of Gifts to the Children

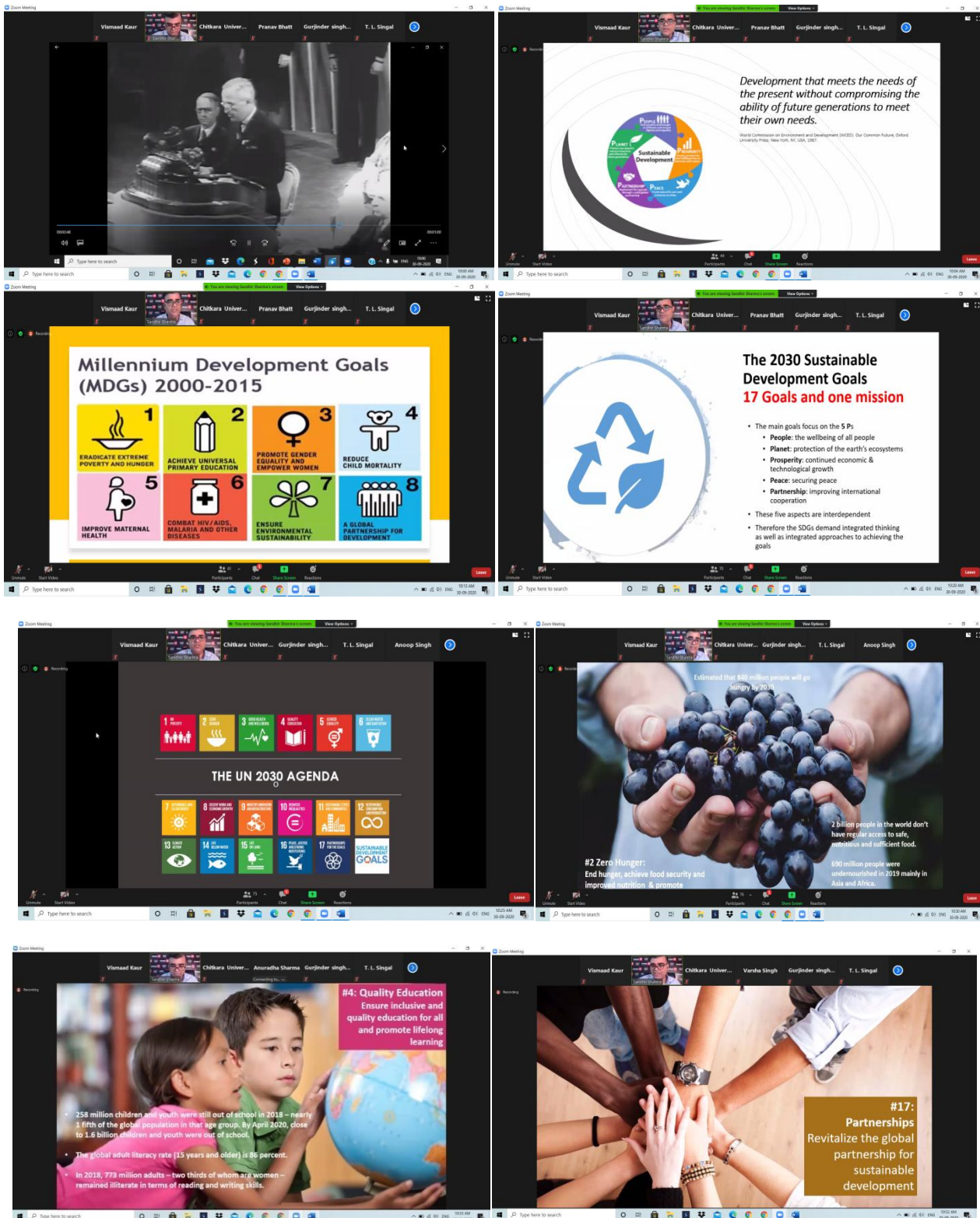
Chitkara College of Education

Transforming our world through Sustainable Development Goals: The UN Agenda

30th September 2020

Earth is considered to be the most beautiful planet. It consists of all the essentials that one needs to live a happy and health life. However, as a result of continuous negligence and less or no contribution from the human kind and keeping on using the resources, which in fact are scarce, these essentials are prone to be less in number or amount. Owing to this, some percentage of the human kind is worried that the existing resources will not be there for the usage by the generations to come. In other words, these will not sustain. In order to make the audience aware about what sustainable development is and the 17 Sustainable Development Goals by the United Nations, Dr Sandhir Sharma presented his thoughts via VC Series session titled **Transforming our world through Sustainable Development Goals: The UN Agenda**. He started his session by playing a video the content of which included WWII, the after effects of it among many other. Then he defined what sustainable development is. He also discussed that with the rapid increase in development and competition, manifold issues and effects can easily be seen. These issues and effects are the ones which the UN wants to eradicate, i.e., the 17 sustainable development goals and the earlier we achieve, the longer we will live. Meaning, the longer we will sustain in this world. Then he gave a little background of these goals. He explained that previously there were 8 goals, which were termed as 8 Millennium Development Goals (MDGs) and these were ought to be achieved within 15 years. However, there were some gaps in the goals. No importance was given to environment, emission of greenhouse gases, access to clean water, etc. Though, the MDGs were successfully achieved up to some extent. The new agenda of the UN was “truly universal and transformation”. The way to built these goals was democratic. Thus, involving all the member states of the UN. Eventually, the 2030 Sustainable Development Goals, having 17 goals and one mission, came into existence. The goals were mainly focused on 5 Ps- People, Planet, Prosperity, Peace and Partnership. The first five goals cater the People, the goals from 6 to 15 focus on Planet and Prosperity, the goal 16 focus on peace and the last but not least, the goal 17, caters to Partnership. He also apprised about the uniqueness of 17 SDGs- Universality, Integration and Transformation. Then he started explaining each and every goal from 17 Goals. He started with the first Goal No poverty, then he went with the second Zero Hunger, third Good Health and Well Being, fourth Quality Education, fifth Gender Equality, sixth Clean Water and Sanitation, seventh Affordable and Clean Energy, eighth Decent Work and Economic Growth, ninth Industry, Innovation and Infrastructure, tenth Reduce inequalities, eleventh Sustainable Cities, twelfth Responsible Consumption & Production, thirteenth Climate Action, fourteenth Life Below Water, fifteenth Life on Land, sixteenth Peace, Justice and Strong Institutions, and seventeenth Partnerships. He supported his views with the statistics given by UN which also consisted of the numbers after COVID-19, some of which were surprising and shocking. He said that each of these goals is important in itself and they all are connected with each other. The session presented by Dr. Sharma definitely

provoked the audience to do their bit and be responsible global citizens and try to sustain the things that are in their hands. We, indeed, can make the planet earth a heaven, with the help of conscious efforts. Total 3 faculty members had attended the webinar.



Event: **Visit to Old Age Home**
Date: **3rd Oct 2019**
Organized By: **Department of Computer Applications under the Aegis of NSS, Chitkara University, Punjab**
Organizer: **Ms. Vandana, Associate Professor, Department of Computer Applications.**

The Joy of Giving Week (**festival of giving**) is a platform for every single Indian to celebrate the joy of giving, irrespective of their age, gender, religion or the social status. This festival is celebrated every year, in the week including Gandhi Jayanti, i.e October 2nd and brings together Indians from all walks of life, to celebrate "**kindness**" **72 Students** of Department of Computer Applications visited the Old age and Orphanage home, Kartar Aasara Road ,Rock Garden of Chandigarh Sector -1 Chandigarh to celebrate **Joy of Giving week** where students **donated and distributed eatables and grocery items** to old people and spent quality time with them making them feel loved and special to the society.

TotalNSS volunteers: 72



Students helping the old age person

A health check-up camp was organised by Chitkara University Punjab in which Dr. Meenakshi, Ms. Gurvinder, Mr. Anuj, Mr. Mohit, Ms. Pinaz and Ms Sonia with the students of Chitkara School Health Sciences volunteered. This was held in Sri sat Guru Jagjeet Singh old age home, Rajpura and the people in this old age home were provided our service of vision check-up, physiotherapy, blood sugar check-up and general health check-up. Total no. of patients of this camp 10. Students of MLT, Optometry, BPT Participated in this camp.



Health Check-up Camp Old Age Home Rajpura

Blood Group Screening Camp

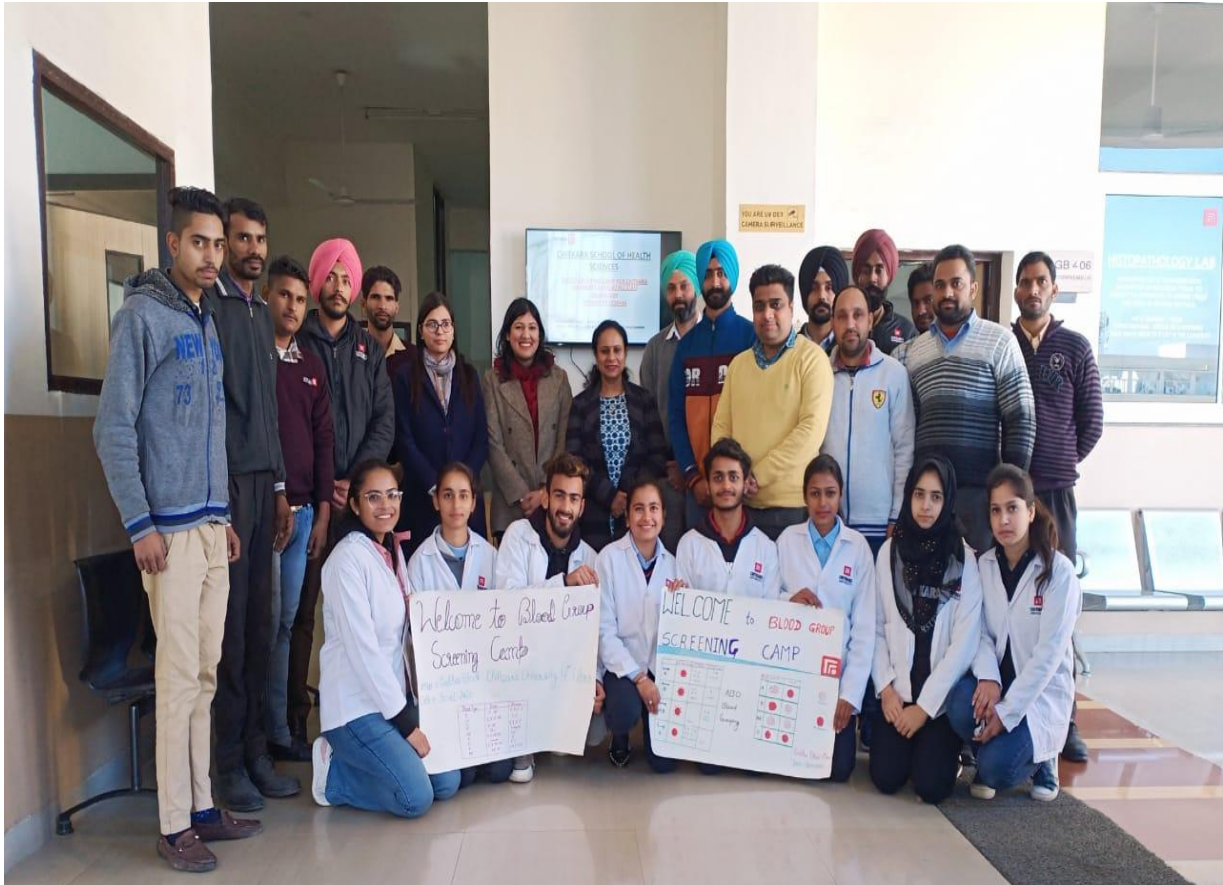
Date: 26th January 2020

Resource Person: Ms. Pallavi Aggarwal, Asst. Professor, CSHS
Mr. Anuj Sharma, Clinical Instructor, CSHS

Community services have always been an integral part of Chitkara School of health sciences. Yet again CSHS conducted a successful blood group screening camp of the sub staff of Chitkara University free of cost with a big support of administrative department of the university. The camp was held on 30th January, 2020 (Thursday) between 9:30 am – 12: 30 pm. The camp was held under the guidance of Dr. Preethi (Dean, CSHS), Dr. Meenakshi Sood (Deputy Dean, CSHS) and Ms. Rina Angel (Director, Administration). Ms. Pallavi Aggarwal (Assistant Professor, CSHS) and Mr. Anuj Sharma (Lab technician, CSHS) led the event in co-ordination with Mr. Balwinder (Jr. Admin Officer, Administration). The students of medical lab technology 2nd year assisted the technicians for blood group testing and DTT 1st year students did the registration of the staff members. Total 107 (60 Peons, 25 Sweepers, 20 Gardeners, 2 Supervisors) blood grouping tests were done and the reports were released simultaneously. There was no case of injury of any patient.



Patients in a queue for their registrations



Students and Faculty with posters of Blood group screening camp



2 ZERO
HUNGER



Visit to PrabhAasra

Type of Event: Technical Event

Date: January 7, 2020

Venue: PrabhAasra, Kharah Road, Village Padiala

Name of Organizing Agency with Contact Details: Department of Electronics and Communication Engineering

No. of Participants:66

Facilitators: Dr. Amanpreet Sandhu, Ms. Isha, Mr. Gurjinder Singh, Mr. Rajvir Singh

Description of Event

PrabhAasra is a rehabilitation center for mentally ill, drug-addicted person, oldage homes for intellectually disabled male and female children, Homes for normal and special. It is a permanent shelter for unclaimed and destitute.

Founder of PrabhAasra:

We met S. Shamsher Singh fondly called “Veerji”, is the founder of “Universal Disabled Care-Taker Social Welfare Society” also known as PrabhAasra. He learnt his first lesson towards humanity when one of his friends died early in childhood, witnessing death so closely he started to find his reasons of living. He along with his wife started a home for helpless in a two-room rented accommodation in Chandigarh. Slowly and steadily that first step has today grown into an institution with three Campuses.

Vision of PrabhAasra:

The founder member of the society had a vision to build up or create a city and its sub centers at each district level. On the basis of the number of needy citizens who lack the opportunities of care treatment, rehabilitation are found standard here and there.

Discussion of Students with authorities:

Here we discussed what difficulties they faced in setting up the organization, making strong bonds with the helping hands taking points to persecute the policies and plans for meeting the needs of the differently abled people which came in their contact and for making arrangements for basic requirement of food, clothing and shelter. One important aspect which we were proud to know is the effects made by them for the education of these people who could meet the normal study levels were sent to schools nearby and were studying in their respective classes. Others were made to study with the help of special teacher in the premises of PrabhAasra.



Children of PrabhaAasra



Speaker of the event



Participants of the event

Impact of Visit:

The visit had a great impact on our mind and soul. It changed our outlook we looked in the world around us with a different perspective and felt how hard it had been for them. Although they had been provided with the best of everything and we congratulated the team members for spreading happiness all over, but we felt that how more blessed it is to have a family. God bless them all. We'll try to be a part of this organization and help the needy people with everything we can do.



3 GOOD HEALTH AND WELL-BEING



Chitkara College of Sales and Marketing

Session on- “Upcoming Challenges in Infectious and Hormonal Diseases”

Resource Person: Mr. Pritesh Bhatia, HR Head| Mr. Vinod Kaul, Regional Sales Manager, Glaxo Smith Kaline.

Date: 14th September, 2019

No of participants-84

Mr. Pritesh Bhatia and Mr. VinodKaul visited Chitkara University to share trends in Pharmaceutical Industry. Mr. Pritesh explained about overview of Pharmaceutical Industry and Market position of GSK. Mr. VinodKaul however explained about various infectious diseases and hormonal diseases in India. He also shared the success of their premium brands Augmentin and Eltroxin.

Mr. Kaul shared various infectious diseases prevalent in India and need for broad spectrum antibiotic. He explained how Augmentin fits into the treatment of various infectious diseases. He also elaborated about hormonal imbalance disease called thyroid, which is becoming common in Indian population specially among women. He shared as to how GSK brand Eltroxin is helpful in the management of hypo and hyperthyroidism.



Mr. Pritesh Bhatia and Mr. Vipul Kaul in his visit to Chitkara University for an interaction with CCSM students.

Carnival EBuzz

Type of Event: Technical

Date: October 11, 2019

Venue/Online Platform: Beta Zone

Name of Organizing Agency with Contact Details: Ebuzz Club

No. of Participants:93

Resource Person: Ms. Swapandeep Kaur

Description of Event

A CSR (Corporate Social Responsibility) activity “CARNIVAL EBUZZ” was organized by the members of Ebuzz club of ECE department on 11th October 2019 to raise funds for the school children of villages adopted by Chitkara University. A total of 300 students registered in the event which had the following four types of games-

1. **Smash the gillasiyan:** In this, students were given two chances to break a glass pyramid from a distance of eight meters. If a student was able to break the whole pyramid then he/she was given a cashback of twenty rupees.
2. **Obstacle run:** In this game, first obstacle was the barrier made by the bricks which was having a certain small height. After jumping over it, the person was told to roll the tire. The next obstacle was to flip the tire. After which a box was placed which had 6 keys, the person was told to choose 2 keys and then cross the barrier made of bricks and eventually solve the puzzle. Again the person had to cross the brick barrier to solve and open another box of puzzle where the game ends. Timings were recorded and according to least time scored winners were decided.
3. **Run along the balloon:** This game was a team game and each team consisted of two players. One player was to fill the balloon after which both the players had to carry the balloon without using hands and reach the finishing line. Timings were recorded for each team and winners were decided according to least time scorers.
4. **Playblind:** Playblind was a fun game in which two teams played with each other and each team consisted of two players. There was a 10m*10m square drawn on the ground and it had 10 balls each of different colors. Each team was assigned with a colour. One member of each team was blind folded and the other member of the team was to give directions to pick up the balls of assigned color. Whichever team picked the balls faster among both the teams won. Timings of winning team were also noted. Among all the winning teams, whosever timings were least won. Top three teams were selected.



Smash the gillasiyan



Obstacle run



Run along the balloon



Organizing team

Organizing Team



Playblind

IRRESISTABLE 2020**Type of Event:** Cultural**Date:** January 31st, 2020**Venue:** Faraday Hall, Edison Block**Name of Organizing Agency with Contact Details:** Ebuzz Club, Department of ECE., CUIET, Chitkara University**No. of Participants:**52**Facilitators:** Ms. Swapandeep Kaur**Description of Event**

A fun event Irresistible (Theme CARTOONS) was organized by the members of E-BUZZ club on 31st of January 2020. A total of 52 students registered in the event. The event had the following games:-

Dora the Explora (Round 1):- First round was the quiz based on cartoons and and the crossword. In quiz MCQ question paper was given to children and they have to tick the correct option. And in crossword students have to identify the names of various cartoon characters in crossword. Both quiz and crosswords were based on cartoons themes.

Phineas and ferb(Round 2):- In round 2 five teams were made and they have to pick up a slip,on each slip their was written a cartoon character and the participants have to act according to those cartoon character.

Second round also included games in which title songs of a particular show were played and participants have to guess that which song belongs to which cartoon show, also in other game various images of cartoon characters were displayed on the screen and participants have to guess the cartoon. This was all in the second round.

Nobita and Shizuka (Round 3):- This was the last and final round. In this round the winners from the first 2 rounds were shortlisted and their pairs were made. After the pairs were formed and ramp walk was done by the pairs. After the ramp walk a questionnaire was done and winners for the title of MR IR-RESISTABLE and MS IR-RESISTABLE were awarded.

List of Winners

S.No.	Name	Title
1	Priyanshu (CSE)	Mr. Irresistible
2	Pragati (ECE)	Ms. Irresistible



Winners of the event



Group Photograph

Sports Event- County Cricket and Sportacus

Type of Event: Sports

Date: October 11, 2019

Venue: Omega Zone

Name of Organizing Agency with Contact Details: IEI-Institution of Engineers (India) and Department of electronics and communication Engineering and Department of Electrical Engineering

No. of Participants:241

Facilitators: Dr. Amanpreet Sandhu (amanpreet.sandhu@chitkarauniversity.edu.in)

Description of Event

Department of Electronics and Communication and Department of Electrical Engineering organized a Sports Event “County Cricket and Sportacus” on 11th October 2019. In Sportacus there were different events:

1) Tug Of War- A contest in which two teams pull at opposite ends of a rope until one drags the other over a central line. It was a strength-based task in which teams took part that is four a side.

2) Arm Wrestling- A sport involving two participants. Each places one arm on a surface with their elbows bent and touching the surface, and they grip each other's hand. The goal is to pin the other's arm onto the surface, the winner's arm over the loser's arm.

3) Mix Run- It is one of the most popular and prestigious events in the sport of athletics. In this the different levels has different types of races that is sprint race, sack race, etc.

Also County Cricket involves the cricket knockout tournament between teams which contains five members each. The matches were played according to the fixture decided. There were three overs for each round and four overs for semifinals and finals.

Hence the objective of this event was to contribute to the forms of competitive physical activity or games which, through casual or organized participation, aim to use, maintain or improve physical ability and skills while providing enjoyment to participants, and in some cases, entertainment for spectators.

List of the Organisers:

ORGANISERS	DESIGNATION
Sajal Sharma	President
HarshdeepKaur	Vice President
ShivamDhall	Event Manager
Vaishali	Media Head
MridulSaini	Promotion Head
HritikNandan	Executive
Shagun	Executive
HarshitaKapoor	Executive
Chirag	Executive



Students and Faculty with Facilitator



Tug of War



Country Cricket



Mix Run

CHITKARA COLLEGE OF PHARMACY**SWACHH BHARAT CAMPAIGN
24th – 26th JULY 2019**

Following the Prime Minister's clarion call on 2nd October 2014 for each individual to devote at time to Swachhata through the year, the NSS unit of Chitkara College of Pharmacy, Chitkara University conducted a sanitation drive at Village Kalo Majra

As a part of the internship, activities performed include Awareness campaigns regarding Solid & Liquid waste management (SWM), Promotion of the 3R's (Reduce, Reuse, Recycle), Volunteer in segregation of waste, Cleanliness drive in schools and villages, Interactive talk with students, Public awareness talks, and Promotion of plastic waste free environment. All these activities were performed by the NSS volunteers of Chitkara College of Pharmacy under SWACHH BHARAT SUMMER INTERNSHIP. Students participated with the great spirit of social welfare as a collective effort



**Tree plantation Govt Elementary
School Kalo Majra**

**NSS volunteers painting the black
boards of Govt Elementary School Kalo
Majra**



NSS volunteers painting the black boards of Govt Elementary School Kalo Majra



NSS Volunteers teaching the school students regarding segregation of dry and wet waste



NSS Volunteers teaching the school students regarding segregation of dry and wet waste



Cleanliness drive at Govt Elementary School Kalo Majra

CHITKARA COLLEGE OF PHARMACY**TREE PLANTATION
GOVT ELEMENTARY SCHOOL KALO MAJRA
30.07.2019**

The NSS volunteers of Chitkara College of Pharmacy visited the Govt Elementary School Kalo Majra with Dr Rajwinder Kaur for the tree plantation. In this several medicinal samplings such as Java plum (jamun) & *Hibiscus* were planted and encouraged all the students and villagers present there for planting more and more plants in order to contribute in swachhta mission. It will be fruitful for the villagers and also contribute in the healthy environment.



NSS volunteers planting saplings at Govt Elementary School Kalo Majra

CHITKARA COLLEGE OF PHARMACY**RO PURIFIER DONATION
GOVT ELEMENTARY SCHOOL KALO MAJRA
30.08.2019**

Over the past decades, India has made various improvements to both the availability and quality of municipal drinking water systems, but a large portion of rural areas are left out. Thus taking in account the current scenario, the NSS team from Chitkara College of Pharmacy under the guidance of Dr Sandeep Arora, Professor and Director CCP took a step forward to provide clean drinking water to students of the Primary school in Kalho Majra, Rajpura by donating a RO water purifiers. The activity planned on 30th August'19 had a great impact on the students as well as teachers in the school as they didn't had access to clean drinking water earlier. Dr Rajwinder Kaur NSS School Officer and members of NSS team also made them learn about personal hygiene and importance of clean water. Stationary items were distributed to the students by NSS volunteers and to make the interaction more interactive, members played various outdoor games with children at the end of their school.

One of the member said that she had truly learned the meaning of term "selfless service", which is important for bringing up society and gained all the indirect benefit for the personal growth.



NSS volunteers donating RO Purifier to teachers of Govt Elementary School Kalo Majra



NSS volunteers with teachers of Govt Elementary School Kalo Majra and installed RO purifier



NSS volunteers donating stationary items to students

CHITKARA COLLEGE OF PHARMACY
YOGA SESSION
A form of meditations and disciplined life!
20.09.2019

There's nothing more important than our good health - that's our principal capital asset. Yoga is a natural way of making our temple body fit and healthy. It is a mind body workout where we have strengthening and stretching poses along with deep breathing techniques to relax mind and body thus helps us to stay away from diseases and mental tensions.

Keeping in mind the importance and relevance of yoga in our life, especially the collegiate youth who are living the most crucial parts of the life, the NSS team from Chitkara College of Pharmacy organised a yoga session for the pharmacy students on 20 September 2019. More than 70 participating students were taught and guided to practice yoga in the rightful manner so they get to concentrate and focus more on their studies as well as see to the world as a happy and joyful place to live. The session comprised of various yoga postures and asanas with a blend of breathing exercises which the students found to have a great impact on their mind peacefulness and calmness.

The activity was concluded with synchronized recitation of shlokas and omkar chanting followed by speech by our Hon'ble Director, Dr, Sandeep Arora. He encouraged students to practice regular yoga and this would surely help them achieve a better life, physically, mentally and spiritually as well, leading to a healthy and successful future.



Yoga session for the students of Chitkara College of Pharmacy at Chitkara University



Yoga session for the students of Chitkara College of Pharmacy at Chitkara University



Yoga session for the students of Chitkara College of Pharmacy at Chitkara University

CHITKARA COLLEGE OF PHARMACY**AWARENESS ABOUT FORMATION AND USAGE OF COMPOSITE ORGANIC MANURE FOR FARMERS****KALO MAJRA ON 04.10.19**

NSS team of Chitkara College of Pharmacy, Chitkara University Punjab has organized an awareness campaign about formation and usage of composite organic manure for farmers in Kalo Majra on 04.10.19. They have discussed the need of organic manure, benefits of Compost pits, how to build Compost pits and Zero- investment method with the villagers. One on One interaction with villagers and farmers were done and they were encouraged to adopt practice of building compost pits and limiting the use of chemical fertilizers and pesticides. They appreciated work done by volunteers and thanked them to widen their knowledge as well as showed it real world practicality.



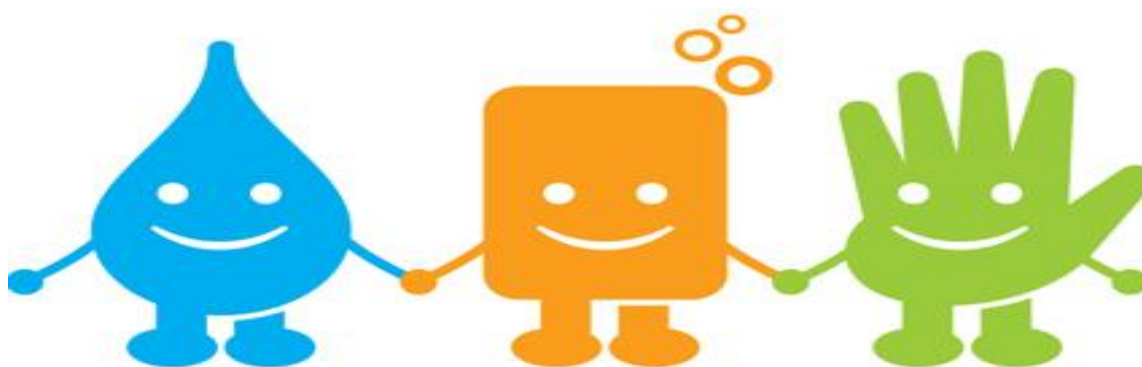
NSS volunteers teaching the villagers regarding composite pits through videos



The villagers learning the composite pits technique

CHITKARA COLLEGE OF PHARMACY**GLOBAL HANDWASHING DAY****15.10.2019****GOVT. ELEMENTARY SCHOOL, KALO MAJRA**

NSS unit of Chitkara College of Pharmacy, Chitkara University organized an activity in regard of Global Hand washing Day 2019 under the guidance of Dr. Sandeep Arora Director CCP and Ms Neelam Verma NSS Program officer. October 15th is Global Handwashing Day! This year, the Global Hand washing Day theme “Clean hands – a recipe for health” focuses on the links between hand washing and food – including food hygiene and nutrition. Dr Rajwinder Kaur along with twenty NSS volunteers from CCP visited Govt. Elementary School, Kalo Majra for enlightening the global campaign dedicated to raising awareness of hand washing with soap to reduce the chances of diseases like respiratory and intestinal problems.

**Water****Soap****Hand****NSS volunteers teaching the steps of handwashing to school students**



NSS volunteers teaching the steps of handwashing to school students

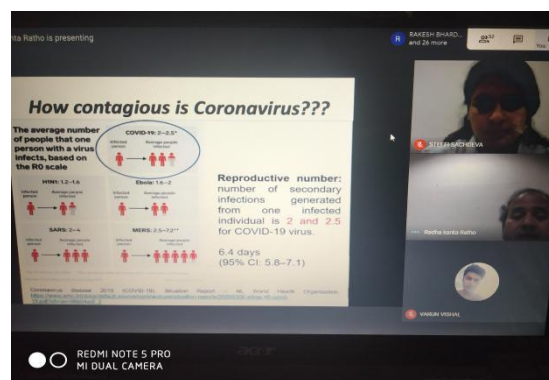
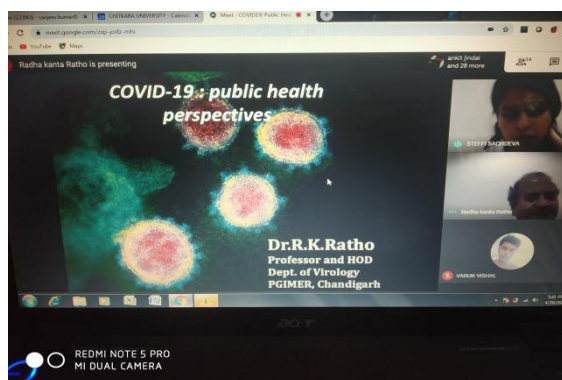


Student of Chitkara college of Pharmacy raising awareness of hand washing with soap the students of Govt. Elementary School, Kalo Majra

Event Details	
Name of the Department	Chitkara Business School
Title of the Event:	COVID19-Public Health Perspective
Date of the Event:	29 th April, 2020
No. of Student Attended/ Benefited:	70
Resource Persons:	Dr. R. K. Ratho, (Prof. and Head, Dept of Virology, PGIMER, Chandigarh)
Venue	Online

Purpose of the Activity:

In the wake of an unprecedented global pandemic, it was imperative for our students to get acquainted with the details of covid 19. Students also had a discussion with Dr. Ratho to understand the preparedness by government public health institutions to safeguard the Indian public, PGI virology department being an important part of public health. MBA at Chitkara Business School promotes development-oriented policies that support productive activities, decent job creation, entrepreneurship, creativity and innovation, and encourage the formalization and growth of micro-, small- and medium-sized enterprises, including through access to financial services.



Dr. RK Ratho from Department of Virology, PGIMER Chandigarh told about the Covid 19 with perspective of Public Health

Event Details	
Name of the Department	Chitkara Business School
Title of the Event:	Health Cosmos
Date of the Event:	19 th February, 2020
No. of Student Attended/ Benefited:	96
Resource Persons:	Dr. Meghna Sharma, (Pediatrician, Civil Hospital, Mohali) Dr. Aarti Soni, (Dhanush Infotech, Haryana Govt., Panchkula) Dr. (Col.) B.P.Singh, (M D & Chief Consultant, GHIBS, Chandigarh) Mr. Shivraj Nakai, (Unit Head – HR, Max Hospital, Mohali) Mr. Himanshu Upadhyay, (Regional Manager, People Department, Cloud Nine Group of Hospitals, Noida)
Venue	Pluto Hall

Purpose of the Activity:

Two panel discussions were organized during the event on the topics of Public Health and HR. Students got first-hand information from the practitioners of the industry. A talk on unique hospital architecture was given by a renowned consultant in the field. The event not only gave the students, learning opportunities, but also gave them a chance to hone their organizational skills while planning and organizing for the daylong event. The speakers of the session discussed about various practices of healthcare industry such as good health and wellbeing, clean water and sanitization, affordable and clean energy, sustainable cities and communities.

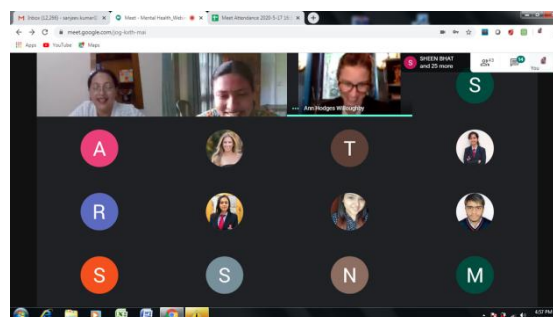


MBA students attending panel discussion during the conference and then had a group photograph after the completion of conference

Event Details	
Name of the Department	Chitkara Business School
Title of the Event:	"Understanding Mental Health & Building Resilience in the face of COVID 19"
Date of the Event:	17 th May, 2020
No. of Student Attended/ Benefited:	70
Resource Persons:	Ms. Hodges Miller, MA Corporate Wellness Consultant & Health Educator, Charlotte, North Carolina, USA
Venue	Online

Purpose of the Activity:

A strong mind is needed to face a so far unseen calamity in the form of covid 19 pandemic. A health education speaker and wellness consultant, Ms. Miller talked to students on how to alleviate oneself out of tough conditions. She gave tips that help bolster the mind in trying circumstances and help in effectively coping with the unprecedented circumstances presented by the pandemic. The session further discussed Quality Education by discussing entrepreneurial opportunities in micro, small and medium sized enterprises. Ms. Miller mentioned that having a healthy lifestyles, preventive measures and modern, efficient healthcare for everyone.



Ms. Hodges Miller talked with the students about Understanding Mental Health & Building Resilience in the face of COVID 19

Event: **Youth Leadership Hiking and Trekking Camp**
Date: **25th Feb- 5th March 2020**
Venue: **Kullu Manali, Himachal Pradesh**
Organized By: **NSS Chitkara University**

10 days Youth Leadership Training Camp cum Hiking and Trekking Camp at Naggar, Kullu Manali, Himachal Pradesh was organized by NSS Chitkara University wherein two BCA boys, Gourav Singal and Nikhil Singh of Department of Computer Applications got selected And attended the camp whole heartedly. Youth Leadership, 2020 for boys at Naggar, Kullu Manali, Himachal Pradesh.



Student performing activities during Adventure Camp

Event: **Youth Leadership Hiking and Trekking Camp**
Date: **26th February 2020**
Venue: **Chitkara University, Punjab**
Organized By: **NSS Chitkara University**
Organizer: **Ms. Vandana, Associate Professor**

Department of Computer Applications under the aegis of NSS Department of Chitkara University, Punjab organized a Blood Donation Camp on February 26 at the Sports Arena, Indoor Stadium. There was tremendous participation this year from students of BCA and MCA with **approx 100 enthusiastic registrations**. The donors were given fruits, juice and sweets as refreshment. The blood donors were also facilitated with a certificate and a gift to appreciate their good deed. The mega successful event was made possible with the support of Rajindra Hospital, Patiala and PGIMER, Chandigarh.

In all, the camp was a megahit, starting on the note of kindness and humility and ending on the note of satisfaction and happiness.

Total NSS volunteers: 100.



Student performing activities during Adventure Camp

Event: **International Yoga Day**
Date: **21st June 2020**
Venue: **Online**
Organized By: **Department of Computer Applications**
Organizer: **Ms. Vandana, Associate Professor, Department of Computer Applications**

**“Yoga is that Light which, if you can lit once will never get dimmed,
the more you practice the Brighter the Flame will be”**

Department of Computer Applications under the aegis of NSS, Chitkara University organized International Yoga Day on **21st June 2020** wherein NSS volunteers participated in the event by doing Yoga Asanas at their home and also participated in the online contest organized by Department of Applied sciences under the aegis of NSS Deptt. Students enthusiastically participated in the contest and uploaded their video while doing Yoga Asans on the link shared by the department. Some volunteers submitted handmade posters which aim to raise awareness and many benefits of practicing yoga.

Winner : Ankita, BCA Batch 2019 student was declared as winner for her best video while competing with other departments at Chitkara University in the Yoga video uploading contest. She was judged on the basis of accuracy and how well she performed yoga asans in limited amount of time by NSS, Chitkara University

Total number of Participants: 31



Yoga Postures shared by students



Poster presentation on Yoga Day



1st Empowerment Camp on ‘Prevent IT-Risk Management & Prevention of Antibiotic Resistance

1st July 2019 to 05th July 2019

Faculty Incharge: Dr. Kiranjeet Kaur, Assistant Professor, CSHS

Chitkara School of Health Sciences, in association with Spaak Centre, organised the 1st Empowerment Camp on ‘Prevent IT – Risk Management & Prevention of Antibiotics Resistance’ from July 1-5, 2019. The project is funded by Erasmus+.

Hon’ble Dr. Madhu Chitkara, Vice-Chancellor, Chitkara University; declared the Empowerment Camp open in the presence of 16 International & National consortium partners from Universities, NGOs and Hospitals. Among 874 project proposal designed by universities from four different continents, ‘PREVENT IT’ was among the few 147 granted the project. In addition, the project was ranked among the top 10% proposal of the call.

The main aim of the 5-Day Empowerment Camp is to create awareness regarding antibiotics resistance through the number of dissemination activities over the tenure of the next 3 years and establish Indo-European Network for Antibiotic Resistance.

Day-1, Prof. Preethi Pradhan, Dean, Chitkara School of Health Sciences; presented an overview of the Erasmus+ project to the participants followed by talks from other team members including Dr. Kiranjeet Kaur, Mr. Stephano Greco, Mr. Yaveesh Kashyap, who spoke about different domains of the project, including dissemination and visibility, marketing plan, new and modern teaching module on ABR etc. Also, a multidisciplinary session on, ‘Antimicrobial Resistance in India’ was taken by Dr. Sanjeev K Singh, Medical Superintendent, Amrita School of Medicine; followed by Dr. Preethi Pradhan discussing on ‘Holistic view of Antimicrobial Resistance’.

Partner Universities from India i.e. Symbiosis International University, Manipal Academy of Higher Education, Kalinga Institute of Industrial Technology, Chitkara University, Amrita University Vidyapeetham; partners from Europe’s – Catholic University of Portugal, University of Milan, University of Maastricht; and partners from NGOs – Rural Institute for People Enlightenment & Voluntary Health Association of Tripura, gave their inputs & feedbacks on the draft modules and practices based on Antibiotic Resistance in their respective institutions, which will be further taught to the students of different schools.

As part of the 5-Day Empowerment Camp, a visit to pharmaceutical industry and Fortis Hospital, Mohali; was also organised to understand the view of the healthcare practitioners and pharmaceutical companies on the issue of Antibiotic Resistance and explore its impact in the field. The final day of the camp included intra consortium coordinators Board Meeting and Finance team, to discuss the roadmap of the project going forward, and designing the schedule with a goal to reach out to the maximum number of people on local, regional, national & international level with help of different dissemination and visibility activities.

PREVENT IT is the second Erasmus+ Capacity Building project with an Indian university – Chitkara University as the lead institution. The vision of the project is a future where every individual has appropriate awareness about antibiotics resistance and is empowered with the right education to address the issue of antibiotics resistance. The project also aims to:

- In the Indian context, create the first Indian-European team for risk management and Prevention of antibiotics resistance.
- Create International and Interdisciplinary curricula at Indian Higher Education.
- Institution's on risk management and prevention of antibiotics resistance.
- Create transversal skills, break geographical obstacles and increase accessibility: e-learning, development and dissemination (MOOC courses).
- Invest in young talents: create Indian super-experts with international outlook.
- Spread awareness in the society at large – exploiting new communication channels – and expose students to work environment.



Inaugural Ceremony, PREVENT IT



Inaugural Ceremony, PREVENT IT

National Anesthesia and Operation Theatre Technology Day **Date- 19th July 2019**

Resource Person: - Dr. Jaswinder, MBBS, DNB, Registrar, Fortis, Mohali
Faculty In charge- Dr. Kiranjeet Kaur, Assistant Professor, CSHS

The National Anesthesia and Operation Theatre Technology Day were celebrated on 19th July, 2019 at Pulitzer Hall by Chitkara School of Health Sciences Chitkara University, Punjab. The occasion was started by Dr. Kiranjeet Kaur, who gave an overview on the importance and need of celebrating this event. The expert talk was given by Dr. Jaswinder, MBBS, DNB, Registrar, Fortis, Mohali in which he highlighted the roles and responsibilities of Operation theatre technology (OTT) and anesthetist in operation theatre as well as other parts of hospitals. Further, the students of Allied Health Sciences and Optometry participated with enthusiasm and gained the knowledge from the talks.



Participants during the session Dr. Jaswinder, MBBS, DNB, Registrar, Fortis, Mohali

Further, the quiz session was held followed by a play by the OTT students highlighting the importance of bridge between the Academics and hospital practice. The vote of thanks was given by Dr. Meenakshi Sood, Deputy Dean and shared her words of wisdom with (170) all the participants.



Participants during the session Dr. Jaswinder, MBBS, DNB, Registrar, Fortis, Mohali

Radio Talk: Health & Environment

Date: 24th July, 2019

Faculty coordinator- Dr. Navita Gupta, Asst Professor, CSHS

Radio Talk has been recorded by B.Sc. MIT 3rd Semester students (Shaina, Manjot, Shekhar, Kangan, Preksha and Sakshi) on Health and environment. No. of Participants in this event were 5. It was played on air the same day at 5:00 pm and 9:00 am on the next day (25th July 2019) on 107.8 Radio Chitkara FM at Chitkara University. Environmental health is the origin of public health. Even in ancient times, people understood the importance of providing safe water and food, adequate shelter and clean air for ensuring prosperity and growth. Later on, in the nineteenth century and applying modern epidemiological methods, John Snow demonstrated the essential need to address the risks in our environment if we are to protect and promote people's health.



Radio Talk: Health & Environment

Grand Round: Breast Cancer

Date: 27th August 2019

Faculty In charge- Ms. Chanchal Kaushik, Asst. Professor, CSHS

The Second Grand Round of semester July- Dec 2019 was delivered by Ms. Chanchal Kaushik on the topic Breast Cancer, in Pierre Hall, Architecture Block. Vanshika Pathania (BSc MIT) and Sofia Ali (BSc MLT) were the student presenters for the grand round. Audience was undergraduate and master's students of AHS and Optometry. In her talk, Total no of Participants 66. she spoke about the trends of Breast Cancer in India, its statistics across globe and the increased occurrence in young age group and lack of awareness. Anatomy and physiology of breast was also discussed along with risk factors leading to breast cancer by Vanshika and Sofia. Ms. Chanchal focused on early diagnosis strategies, providing timely access to cancer treatments by reducing barriers to care, screening and clinical breast examination. She also shared the diagnostic techniques and investigations done for diagnosis. Lastly a case study was also shared & discussed with the audience along with breaking some myths, sharing the breast cancer awareness programs. Overall the lecture was insightful and very informative.



Grand Round: Breast Cancer

Grand Round: Convergence Insufficiency (CI)

Date: 16th September 2019

Faculty In charge- Pinaz Nasim, Asst. Professor, CSHS

The Grand Round was on the Convergence Insufficiency (CI), which is the most prevalent non strabismic binocular vision anomaly in the school aged children. When it happens then the daily life of the individual gets hampered. One will not be able to concentrate in studies even. It was presented by Pinaz Nasim, Assistant professor. The AHS students were invited and made aware of the symptoms, its diagnosis and its treatment. The students were detailed with the asthenopia symptoms, the findings of the investigation including the recently introduced Convergence Insufficiency Symptom Survey, the treatment with vision therapy and improvement in each follow up visit. Total no. of participants in this event 115. The questions asked to the students at the end of the grand round were well answered. The programme was concluded with great this great learning.



Grand Round: Convergence Insufficiency (CI)

Health Check-up Camp

Date: 20th September 2019

A health check-up camp was organised by Chitkara University Punjab in which Dr. Meenakshi, Ms. Gurvinder, Mr. Anuj, Mr. Mohit, Ms. Pinaz and Ms Sonia with the students of Chitkara School Health Sciences volunteered. This was held in Sri sat Guru Jagjeet Singh old age home, Rajpura and the people in this old age home were provided our service of vision check-up, physiotherapy, blood sugar check-up and general health check-up. Total no. of patients of this camp 10. Students of MLT, Optometry, BPT Participated in this camp.



Vision Check-up



Health Check-up Camp Old Age Home Rajpura

Grand Round: Liver and Bilirubin

Date: 10th Oct 2019

Faculty coordinator- Ms Gurvinder Kaur Rana, Asst. Professor, CSHS

Grand round was conducted on 10.10.2019 at 9:00 A.M in Einstein hall, Galileo block Chitkara University. The topic of grand round was liver and bilirubin. The main audience was allied health science students (OTT, MIT, MLT, OPTO, and DTT) 1st and 3rd semester at also faculty members present in this event. Total no of participants in this event were 210. She sensitized students about the anatomy, physiology of liver, the bilirubin production, metabolism. She also touched the various diseases related to liver and increased bilirubin. Students cleared their concepts and queries for the same. Overall, it enhanced the knowledge of everyone present there.



Ms. Gurvinder delivering her lecture to students



Faculty members and students listening to the lecture

World Mental Health Day
Theme: Young People and Mental Health in a Changing World
Date: 10th October 2019

Resource Person:**Dr. B.K. Waraich (MBBS, MD psychiatry)****Ms. Harsuchetan Kaur, art-based therapy counsellor from TISS, Mumbai****Faculty In charge- Dr. Navita Gupta, Asst. Professor, CSHS**

An awareness program on World Mental Health Day went successful today i.e. on 10th October, 2018. Special highlights of the event were the Nukkar Natak (Tareeka) in which 25 students enthusiastically participated and gathered the campus attention and appreciation. More than our 40 students roamed in the campus for crowd calling in unique style. On the other hand, 23 students participated in poster presentation in which they did not just outstayed their performance by making the posters but also competed remarkably in defending their respective posters. Dr. Bunty Sharma, Assistant Professor, CSHS and Dr. Amarjot Kaur, Associate Professor, Chitkara College of Pharmacy judged the event and raised the level of competition by bombarding their analytical questions. The battle of questions was combat by the students of B.Sc Allied Health Sciences and MBA Healthcare. Although the competition went neck to neck, the MIT 3rd semester students bagged the first and second position in poster presentation. Special thanks to Dr. Meenakshi Sood, Deputy Dean, CSHS for being the motivation for the event. The highlights of event which were captured by Zubair, B.Optom 3rd semester student.



B.Sc AHS student being awarded for Poster Competition



World Mental Health Day 2019

Global Hand Washing Day
Date: 15th October 2019

Faculty coordinator- Ms. Pallavi Aggarwal, Assistant Professor, CSHS

Global Hand washing Day is a campaign to motivate and mobilize people around the world to improve their Hand washing habits. It observed annually on 15th October and dedicate to raising awareness of hand washing with soap as key factor in disease preventing. The 2018 Global Hand washing Day theme is “Clean hands – a recipe for health.” This year’s theme focuses on the links between hand washing and food – including food hygiene and nutrition. Hand washing at critical times, especially before cooking, eating, or feeding others is one of the most important ways to keep food clean and safe, prevent diseases, and help children grow strong. Connecting hand washing to an existing habit – like a meal – is a great way to form proper hand washing habits. This year’s theme reminds us to make hand washing a part of every meal. Hence, realizing the importance of hand washing, Chitkara School of Health Sciences observed Global Hand washing Day on 15th November at Chitkara University, Punjab. The awareness regarding the need of hand washing on daily basis was given to mess workers and support staff of Chitkara University. About 80 people participated in the event. The various hand washing steps according to WHO were demonstrated practically by CSHS faculty and students. The steps includes:-

- Wet your hands and apply enough soap
- Rub your palms together
- Rub the back of each hand
- Rub both your hands while interlocking your fingers
- Rub the back of your fingers
- Rub the tips of your fingers.
- Rub your thumbs and the ends of your wrists
- Rinse both hands properly with water.

Teaching people about hand washing helps them and their communities stay healthy. These kinds of initiative will surely help people to stay healthy.



Handwashing Day

World Diabetes Day

Date: 15th Nov 2019

Faculty In charge- Dr. Bunty Sharma, Asst. Professor, CSHS

CSHS organized an awareness workshop in Primary health centre, Kalomajra on 15.11.2019. Dr. Bunty was invited as guest speaker by SMO on 15.11.2019. The target audience were lab staff, patients, cleaning staff and workers. DTT students Rayees and Akash along with OTT students Prashansa, Charanjit, Hilal, Yashodra, and Riya participated in poster presentation and Skit on Diabetes. Staff and audience appreciated the efforts of CSHS for organizing this workshop. Total 7 students participated in this event. All knowledge helps the students.



World Diabetes Day: Dr Bunty Sharma and AHS students with the staff of PHC, Kalomajra



Dr Bunty delivering her talk on Diabetes

Grand Round: Splenomegaly and Hepatomegaly

Date: 18th Nov 2019

Faculty coordinator- Dr. Meenakshi Sood, Assistant Professor, CSHS

Grand round was conducted on 18 November, 2019 at 10:00 A.M in Einstein hall, Galileo block Chitkara University. The topic of grand round was related Health. The main audience was allied health science students (OTT, MIT, MLT, OPTO, and DTT) 1st and 3rd semester approx. 210 at also faculty members present in this event it was provided much knowledge for everyone. Health was earlier said to be the ability of the body functioning well. However, as time evolved, the definition of health also evolved. It cannot be stressed enough that health is the primary thing after which everything else follows. When you maintain good health, everything else falls into place Similarly, maintaining good health is dependent on a lot of factors. It ranges from the air you breathe to the type of people you choose to spend your time with. Health has a lot of components that carry equal importance. If even one of them is missing, a person cannot be completely healthy. Constituents of Good Health First, we have our physical health. This means being fit physically and in the absence of any kind of disease or illness. When you have good physical health, you will have a longer life span. One may maintain their physical health by having a balanced diet. Do not miss out on the essential nutrients; take each of them in appropriate quantities. Secondly, you must exercise daily. It may be for ten minutes only but never miss it. It will help your body maintain physical fitness. Moreover, do not consume junk food all the time. Do not smoke or drink as it has serious harmful consequences. Lastly, try to take adequate sleep regularly instead of using your phone. Next, we talk about our mental health. Mental health refers to the psychological and emotional well-being of a person. The mental health of a person impacts their feelings and way of handling situations.

We must maintain our mental health by being positive and meditating. Subsequently, social health and cognitive health are equally important for the overall well-being of a person. A person can maintain their social health when they effectively communicate well with others. Moreover, when a person is friendly and attends social gatherings, he will definitely have good social health. Similarly, our cognitive health refers to performing mental processes effectively. To do that well, one must always eat healthily and play brain games like Chess, puzzles and more to sharpen the brain.



Grand Round 7

Radio Talk: Health & Environment
Date: 24th July, 2019

Faculty coordinator- Dr. Navita Gupta, Asst Professor, CSHS

Radio Talk has been recorded by B.Sc. MIT 3rd Semester students (Shaina, Manjot, Shekhar, Kangan, Preksha and Sakshi) on Health and environment. No. of Participants in this event were 5. It was played on air the same day at 5:00 pm and 9:00 am on the next day (25th July 2019) on 107.8 Radio Chitkara FM at Chitkara University. Environmental health is the origin of public health. Even in ancient times, people understood the importance of providing safe water and food, adequate shelter and clean air for ensuring prosperity and growth. Later on, in the nineteenth century and applying modern epidemiological methods, John Snow demonstrated the essential need to address the risks in our environment if we are to protect and promote people's health.



Radio Talk: Health & Environment

Blood Group Screening Camp

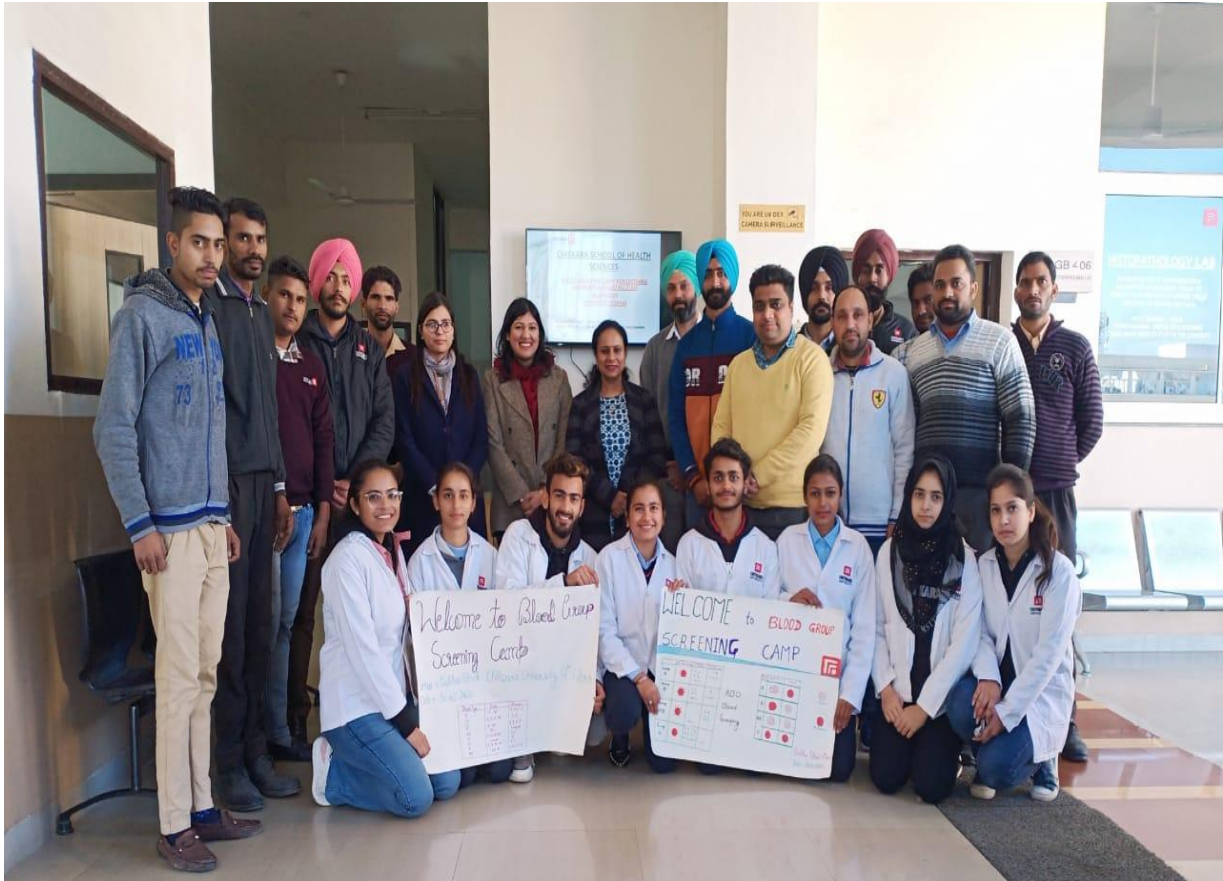
Date: 26th January 2020

Resource Person: Ms. Pallavi Aggarwal, Asst. Professor, CSHS
Mr. Anuj Sharma, Clinical Instructor, CSHS

Community services have always been an integral part of Chitkara School of health sciences. Yet again CSHS conducted a successful blood group screening camp of the sub staff of Chitkara University free of cost with a big support of administrative department of the university. The camp was held on 30th January, 2020 (Thursday) between 9:30 am – 12: 30 pm. The camp was held under the guidance of Dr. Preethi (Dean, CSHS), Dr. Meenakshi Sood (Deputy Dean, CSHS) and Ms. Rina Angel (Director, Administration). Ms. Pallavi Aggarwal (Assistant Professor, CSHS) and Mr. Anuj Sharma (Lab technician, CSHS) leaded the event in co-ordination with Mr. Balwinder (Jr. Admin Officer, Administration). The students of medical lab technology 2nd year assisted the technicians for blood group testing and DTT 1st year students did the registration of the staff members. Total 107 (60 Peons, 25 Sweepers, 20 Gardeners, 2 Supervisors) blood grouping tests were done and the reports were released simultaneously. There was no case of injury of any patient.



Patients in a queue for their registrations



Students and Faculty with posters of Blood group screening camp

Grand Round: Lung Cancer**Date: 4th February, 2020****Resource Person: Ms. Pallavi Aggarwal, Asst. Professor, CSHS**

CSHS conducted its 1st grand round of the current semester Jan – Jun 2020. Grand rounds are methodology of medical education, consisting of presenting the medical background of a system, problems and treatment of a particular patient to an audience who could be benefitted with the knowledge. Ms. Pallavi Aggarwal (Assistant Professor, CSHS) presented the topic of lungs where its whole background of development, anatomy, physiology, biochemistry and microbiology were discussed and assisted with animated video for better understanding of the students. The presentation moved to its last segment of pathology where lung cancer and its case study was discussed to gel in with the cancer day which happened to be on the same day. Mr. M. D. Jasim (Student of BSc. MIT, CSHS) also contributed his efforts in the presentation with anatomy, physiology and radio diagnosis part. The audience included all the teachers, lab technicians, students and deputy dean of the allied health sciences and optometry department of CSHS. The external guests from Can-support also marked their presence during the event. Total 225 students participated.



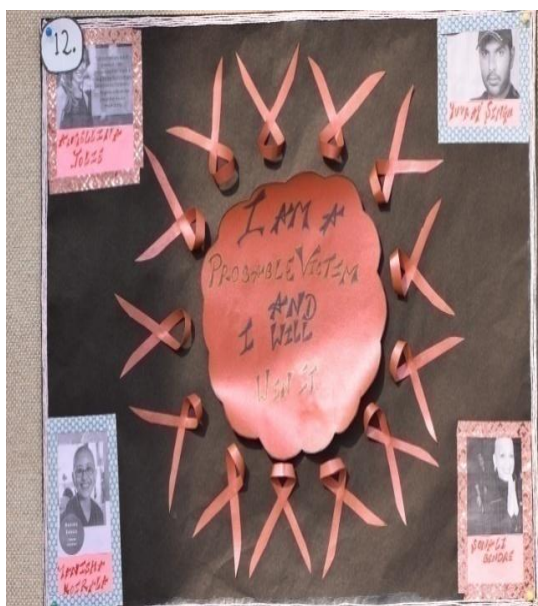
Jasim, student of B. Sc. (AHS) MRIT & Ms. Pallavi Aggarwal, Assistant Professor delivering their lecture

World Cancer Day Date: 4th February, 2020

Resource Person: Dr. Meenakshi Sood, Deputy Dean, CSHS

Guest Speakers (Can support NGO): Ms. Jaspal Kaur, Ms. Savita, Mr. Gaurav Sharma and Mr. Avneesh Bhardwaj

World Cancer Day was organized on 4th February 2020 in Einstein hall, Galileo block. The guest speakers were from Can Support an NGO (Ms. Jaspal Kaur, Ms. Savita, Dr. Gaurav Sharma and Mr. Avneesh Bhardwaj). The major highlight of the guest speakers was upon Palliative Home Care especially for Cancer patients and they also made the students do a role play activity depicting the importance of communication in providing health care. Audience was the students of B.Sc. MRIT, MLT, OTT, DTT, and Optometry (2nd and 4th semester), Faculty of AHS and supporting staff. A Slogan writing competition was also organized for the students and they enthusiastically participated in the competition. A walk for awareness was also conducted in the campus in which all the guests of the day, students and faculty members participated. Approximately 250 participated in this event.



Poster in display on the occasion of World Cancer Day



Students marching on rally on the occasion of World Cancer Day

Eye Donation Week

Date: 25th August to 8th September 2019

Faculty In charge- Ms. Pinaz, Asst. Professor, CSHS

India celebrates Eye Donation fortnight from 25th August to 8th September every year. The 3rd semester students of Bachelor of Optometry celebrated it for a week from 26th August to 30th August 2019. On the first day the students made posters with the theme of importance of eye donation and on day 2 these posters were used to create awareness of eye donation among the students and staff of Chitkara University through public speech, group discussion and play. On day 3, five of the students did radio talk on the importance of eye donation and on day 5 the week was ended with a quiz competition.



Eye Donation Week, Students are showing the awareness poster to encourage the people

World Sight Day

Date: 10 October, 2019

Resource Person: Mr. Pushpendra Singh, Baush and Lomb, Gurgaon

Faculty In charge: Ms. Rajveer Kaur, Asst. Professor, CSHS

World Sight day celebrated by Chitkara School of Health Sciences which comprised of an audience of around 100 budding optometrist, 1st and 2nd year B Optometry students. The theme for the event 2019 was Call for Action: Vision first. The eminent speaker Mr. Pushpendra Singh, Baush and Lomb, Gurgaon Delhi gave an expert talk on the “ADVANCEMENT OF CONTACT LENSES”. A brief overview of “OCULUS” project by Dr. Preethi, Dean Chitkara School of Health Sciences, Chitkara University Punjab and an overview of “OCULUS” website was given by Ms. Pallavi Aggarwal, Asstt. Prof. Chitkara School of Health Sciences, , Chitkara University Punjab. The event also comprised of several cultural and scientific activities like photography competition on ocular diseases, cultural performances by students like Nati, Bhangra and Nepali dance and skit presentation on the theme of importance of sight by the Optometry students.



Poster Competition winners with Guest Speaker along with Faculty members



Expert talk by Faculty of CSHS and Guest speaker

Radio Talk: Antibiotic resistance

2nd November, 2019

Faculty coordinator- Dr. Sandhya, Asst. Professor, CSHS

On 2nd November, 2019 a Radio talk was recorded by the students of B Optometry (Chakshu(3rd sem) and Kartik, Baljinder, Marlee, Shilpa from 1st sem.) under the guidance of Dr. Sandhya.

The topic was Antibiotic resistance. The topic was judiciously picked up being the alarming global issue. Chitkara school of health sciences proudly leads Prevent it project by Erasmus which is mainly dealing with the antibiotic resistance and the topic being incorporated in the curriculum too. The talk focused on the causes, impact and the remedies that can be followed to reduce the antibiotic resistance. The talk was recorded in Hindi and was made interactive by students asking questions to each other. The whole purpose was to spread awareness in the nearby villages where the frequency of the radio reaches and people listen to our radio channel with a lot of interest as it has both information and entertainment. The talk was aired on 3 consecutive days so as to reach out to maximum people and students around. It was very much appreciated by the students who listened to it

This recording would be on air from today onwards till 5th November on Chitkara radio 107.8 FM. VENUE-Radio Station, Chitkara University.



Tandrusti Ke Raaz (Radio Talk- Participants)

Vision screening Camps

Date: 20th, 21st and 22nd November 2019

Faculty coordinator- Dr. Sandhya, Asst. Professor

Vision Screening Camps was organised by Chitkara School of Health Sciences, Chitkara University at three places i.e Chitkara University Punjab, Chitkara international School, Chandigarh and Chitkara University ,Rajpura.

The optometrists who participated were Ms Renu Thakur, Ms Pinaz Nasim and Mr Shankar Mehra along with the 2nd year students Ms. Marlee Majumdar and Ms.Charanjeet kaur and 4th year students of Bachelors of Optometry programme Ms. Gagan,Ms.Sukhpreet &Ms. Ritika who did a tremendous task. Total 347screenings were done. The camp was beneficial for the target population and also for our students as it added on to their learning.

- Camp was conducted for:

CHITKARA UNIVERSITY, RAJPURA ON 20-11-2019

*For support staff such as drivers, gardeners, housekeeping etc 119 participants who benefited from it.

20-11-2019 ,CHITKARA UNIVERSITY,RAJPURA





CHITKARA INTERNATIONAL SCHOOL, CHANDIGARH ON 21-11-2019

*For teaching & support staff 153 participants who benefited from it.

21-11-2019 ,CHITKARA INTERNATIONAL SCHOOL,CHANDIGARH



CHITKARA UNIVERSITY, BADDI ON 22-11-2019

*For teaching & support staff 75 participants who benefited from it.

22-11-2019 ,CHITKARA UNIVERSITY,H.P



Research and Innovation

Event Name: Research and Innovation

Venue: Faraday Hall

Date: 21.08.2019

Organized by: Department of Physiotherapy, CSHS

Symposium on “Research and Innovation”, was organised by Department of Physiotherapy, Chitkara School of Health Sciences, Chitkara University in collaboration with Synapse Physio Pvt Ltd on 12th August 2019. Dr Preethi John, Dean CSHS gave a short talk on importance and future of innovation in the healthcare industry. Dr Archana Mantri, Pro Vice Chancellor gave a talk on the facilities offered by the university in conducting research. Dr Sachin Ahuja provided an insight about patent and the process involved in the patenting as well as the assistance offered by the university in regards to the patent. Dr Kiranjeet Kaur delivered an overview on the research methodology. Feedback of the delegates was recorded as the workshop being of great help to implement the best practice in the research and innovation. Seventy students participated in this workshop.



Research and Innovation



Research and Innovation

Vestibular Rehabilitation

Event Name: **Vestibular Rehabilitation**

Venue: GB511

Date: 06.08.2019

Organized by: Department of Physiotherapy, CSHS

Hands on Workshop on “Vestibular Rehabilitation”, was organised by Department of Physiotherapy, Chitkara School of Health Sciences, Chitkara University in collaboration with Synapse Physio Pvt Ltd on 6th August 2019. This hands on workshop was initiated by Dr G.K Balaji, Principal, Department of Physiotherapy, Chitkara School of Health Sciences. Dr Karthik Babu S, Associate Professor, SOAHS, Manipal Hospital, Bangalore conducted this workshop. The workshop was organized to provide an insight about the vestibular disorders, various assessment techniques and the respective intervention and application of these principles in clinical practice. Feedback of the delegates was recorded as the workshop being of great help to improve clinical skills and will contribute in bringing out the functional ability of the patient. Thirty seven students participated in this workshop.



Vestibular Rehabilitation

WORLD PHYSIOTHERAPY DAY

Event Name: World Physiotherapy day

Venue: Exploratorium

Date: 08.09.2019

Organized by: Department of Physiotherapy, CSHS

World Physiotherapy day was celebrated by Physiotherapy Department, Chitkara University, Punjab on 8th September, 2019. Theme for the event was “The role of physical therapists in helping people with chronic pain to take control of their condition, increase their activity, and improve their quality of life”. This theme embraces the important role physical therapists have in chronic pain. The event gave an opportunity to the Faculty and students of Physiotherapy Department to raise awareness about the crucial contribution their profession makes to keeping people well, mobile and independent.

The event commenced at 11 AM in Exploratorium. To make this event a blessed one, Honorable Dean Mam of CSHS, Dr. Preethi John helped to invoke Goddess Saraswati by kindling the lamp of knowledge and wisdom. She also discussed briefly about the role of physiotherapist in relieving pain. Dr GK Balaji, Principal, Department of Physiotherapy spoke a few words on the activities conducted as a part of World Physiotherapy Day. The presentations of MPT students struck a chord when they gave fabulous talk on the role of exercises in chronic pain along with the recent advances in the field of physiotherapy in relieving pain.

After the speeches, it was time to discover the art in Physiotherapy students. The performances opened with the group dance performances by BPT and MPT students throwing light on the culture of Punjab and Rajasthan. Solo and group singing performances were also there. BPT students also enacted a drama which emphasized on role of physiotherapy in rehabilitation and bringing patients back to normalcy. The programme ended with a vote of thanks by Ms Kanwal Sandhu

The event was overall a very good experience and had a remarkable effect on the audience.



WORLD PHYSIOTHERAPY DAY



WORLD PHYSIOTHERAPY DAY

INTRODUCTION TO OSTEOPATHY

Event Name: Introduction to Osteopathy

Venue: Einstein hall

Date: 16.11.2019

Organized by: Department of Physiotherapy, CSHS

The Department of Physiotherapy, Chitkara School of Health Sciences, in association with Synapse Physio Pvt. Ltd. had organized a one day workshop on 'INTRODUCTION TO OSTEOPATHY' on 16th November 2019 in the Einstein Hall, Galileo block from 10:30 am to 3:30 pm. The course instructor was De Koning Adrianus Jacobus.

About the instructor: De Koning Adrianus Jacobus, Doctor of Osteopathy medicine, Bsc, MROI, is a director of International Institute of the Osteopathic Manual Medicine. He has 40 years of clinical experience.

About the workshop: The workshop was hosted by the Dr. G K Balaji, Principal, Department of Physiotherapy and the faculty members. Various candidates from Chitkara University and other parts of the country attended the workshop.

The instructor witnessed the diversity of the campus and warm welcome by the Chitkara family followed by the workshop commencement. The workshop was divided into two sessions, morning and afternoon. The instructor AJ gave a brief introduction about the concept of Osteopathic Manual Medicine in the morning session of the workshop. The morning session was followed by a lunch organized by the department. The afternoon session was a great learner for the candidates who attended the workshop as AJ by himself showed hands-on approach of osteopathy medicine on some of the candidates present in the workshop. The session included assessment of impairment and treatment of the same.

The workshop culminated by distribution of the certificates and felicitation of the workshop instructor.



COMMUNITY REHABILITATION CAMP

Event Name: Community Rehabilitation camp

Venue: Thuha Village, Punjab

Date: 07.01.2020 – 07.02.2020

Organized by: Department of Physiotherapy, CSHS

Chitkara School of Health Sciences, Chitkara University in association with Synapse Physio Pvt. Ltd and NSS had organized a free physiotherapy camp in one the villages adopted by the Chitkara University, Thuha. Students of BPT 8th semester and MPT 4th semester participated in the camp with great enthusiasm.

The idea of organizing the camp came forward by Dr. G K Balaji, Principal, Department of Physiotherapy, after a survey done by the students under the guidance of the principal and the faculty by going door to door in the village in order to understand the problem and the need of the people.

The selection of camp venue and the management of the camp were looked after our principal by himself with coordination of the village Sarpanch and active participation of the students. A day before the camp started, all the students took immense efforts to make the required arrangements for the camp under faculty guidance. The camp was named as 'TANDRUST PIND', which means a healthy village.

The camp started on 7th of January, 2020 and went on for a month till 7th of February, 2020. The students participated and the camp venue was visited by the faculty regularly. The services provided in the camp included IFT, TENS, Ultrasound therapy, hot pack and different therapeutic exercises. Various conditions like knee pain, neck pain, low back pain, hemiparesis, cerebral palsy, amputation, etc were managed by the students under faculty guidance. The camp venue was visited timely by our principal as well.

There was a surprise visit to the camp venue by Dr. Preethi Pradhan, Dean, Chitkara School of Health Sciences, Chitkara University along with Dr. Meenakshi Sood, Deputy Dean, Chitkara School of Health Sciences and a faculty member from other department. The dean, the deputy dean and the faculty personally interacted with the patients and the students and feedback was taken.

The camp valedictory was on 7th February 2020, where the patients were thanked for attending the camp on such a huge number and being a part of this. Feedback was taken from the patients about the overall camp.

The camp data was formulated and analyzed. The total number of patients that visited the camp was 120. The total number of treatment sessions given was 750. The patients who required follow-up were asked to visit the physiotherapy department in Chitkara University.



Dr Jyotsna along with Dr Preethi John and Dr GK Balaji, PT speaking to the patient regarding their well being and feedback of the treatment received



BPT final year students treating a patient with knee pain with ultrasound therapy

OCCUPATIONAL THERAPY - A GAME CHANGER IN QUALITY OF LIFE

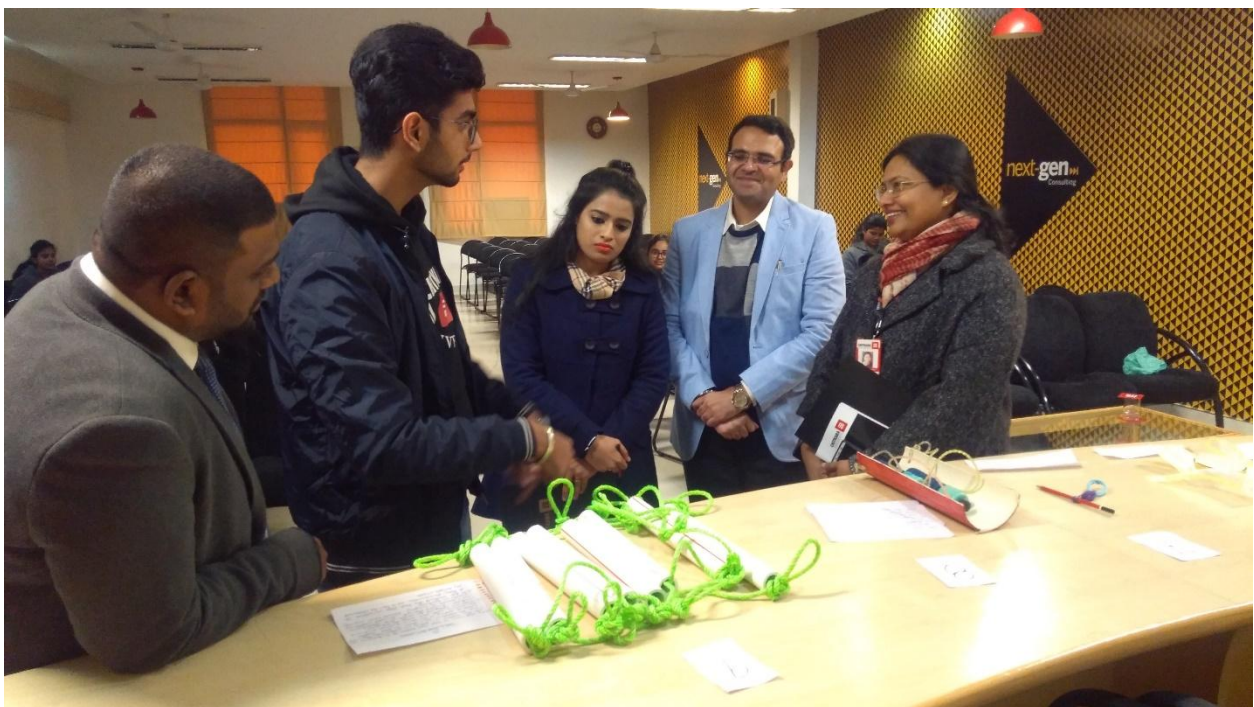
Event Name: Occupational therapy - A game changer in Quality of Life

Venue: Einstein hall

Date: 16.01.2020

Organized by: Department of Physiotherapy, CSHS

Chitkara School of Health Sciences in association with Synapse Physio Pvt Ltd organized a symposium on “Occupational therapy - A game changer in Quality of Life” on 16th January 2020 in Faraday Hall, Chitkara University, Punjab, India. Mansi Gupta, Occupational therapy faculty began the session by welcoming the resource person, Mr Saurab Sharma. Mr Saurab Sharma began his session with the brief introduction to the Occupational Therapy, its career opportunities and future of Occupational Therapy in India. Competition on Poster presentation and innovative tool making was organized. Several students participated in this event. The resource person along with Dean, CSHS judged the competitions and cash prize was awarded to the winners.



Student explaining to the judges about his innovation tool

Mental Health amid Pandemic

Date: 25th June 2020

Venue: Chitkara School of Mass Communication

Radio Chitkara broadcasts a Discussion on- How Lockdown has affected Mental Health.

The panelists were Dr Sandeep (Consultant Psychiatrist, SPS Hospital, Ludhiana), Dr Harmeet Kaur(Principal, Department of Nursing, Chitkara University, Punjab) , Ms Bandana Bisht (Principal, School of Nursing, Chitkara University HP) and Ms Gurjeet Kaur from School of Mass Communication .

The panelists felt that in the past months India's living style has radically changed due to lockdown and confinement in home and people of every age and generation are feeling stress, anxiety and problem of depression which are leading to concern of mental health. People have now eating disorders and sleep disturbances and even suicidal tendency and committing suicide cases are also increasing. They said that suicide was the leading cause of over 300 reported 'non-corona virus deaths' in India because of the distress triggered by the nationwide lockdown.

Preventive steps to avoid such incidents, how specific strategies can be effective in stopping young people from depression and even committing suicide, how to cope up with depression were the points of discussion.

All the panelists gave their inputs and discussed the issue at length which was moderated by Ms Gurjeet Kaur.



Radio Discussion show: How specific strategies can be effective in stopping young people from depression and even committing suicide, how to cope up with depression were the points of discussion.

FIGHTING CORONA TOGETHER

9th July 2020

Chitkara School of Mass Communication

In the wake of Covid-19 pandemic, Chitkara School of Mass Communication's NSS unit has conducted an awareness program named '**Fighting Corona Together**'. It was organized on **9th of July 2020** under the guidance of Ms Gurjeet kaur (Assistant professor) and around 30 NSS Volunteers participated in it.

The students highlighted the safety measures and precautions that are to be taken in the time of corona crisis. The Volunteers even helped the society by distributing masks and making people aware of the process of sanitization. All the volunteers took the initiative of visiting their neighbors' homes and providing them with a Mask free of cost along with sanitizing their hands which should be the goal of an individual in making the society a better place to live in during the spread of COVID-19. While distributing the masks, all the precautions were taken by our volunteers by first wearing a mask themselves and washing their hand thoroughly with soap. The use of a standing sanitizing machine was also to be seen.

This effort is highly appreciated and as responsible citizens of this nation, is also advised to instill in each and every one of us as we TOGETHER can come out of this pandemic healthy and hearty!



We TOGETHER can come out of this pandemic healthy and hearty!

Report

Radio Chitkara reaches to villages with Bachpan Express programme and field activity

After broadcasting many episodes of Bachpan Express on importance of continuing education and not to marry a girl till she has attained 18 years of age, Radio Chitkara visited Government Middle School, Urdhan in Patiala district of Punjab. The staff of Radio Chitkara and university students interacted with school going children and staff members including Principal Mr Balwinder Singh. The students were very enthusiastic while recording their reactions on 'why you like to go to school' and the teachers highlighted the importance of education in life.

This visit was aimed at creating awareness on continuing education and it was learnt that the nearby villages are doing very good and dropout rate is almost negligible. The schools of nearby villages too help the students to grow better and grab the best of learning opportunities. Radio Chitkara team also distributed notebooks and pens to all students to encourage their talent and creativity.



Report

In the wake of Covid-19 outbreak, Radio Chitkara came forward with an initiative to distribute masks and sanitizers to strengthen and sensitize the community people in the war against this epidemic.

Radio Chitkaras' team Mr. Pankaj Garg, Mr. Ranjit Singh Chopra, Ms. Rupinder Kaur along with Mr. Jagjeet Singh today visited the nearby community people of Village Kheri Gurna and distributed the essential items to the needy. By supporting the fight in diminishing the spread of virus, Radio Chitkara addressed the people and spread awareness during door-to-door visit. The break in the chain of the disease cannot be predicted until now, however it is essential now that we all should come together in this time of emergency to help and support one another.

This activity is meant to help the community people of Kheri Gurna Village and to help them prevent the spread of coronavirus.





Report

SAHI POSHAN DESH ROSHAN, NAHI RAHE KAHIN KUPOSHAN

A team of Radio Chitkara 107.8 FM visited Government Senior Secondary School, Mohi Khurd in Punjab to spread awareness on the importance of diet and that too nutritional diet on 29th September 2019 . They distributed fruits and soap cakes to the students and briefed the staff and students about the POSHAN Abhiyan of Ministry of Women and Child Development which is giving emphasis on these themes so that people and children must be aware about this and take healthy meals. They should take hygiene as foremost important thing as by doing this a large section of society will not fell sick due to cleanliness.

The students of school were also briefed about the benefits of washing hands before taking meals. To sensitize them on hygiene aspect an exercise of washing hands was conducted. They were told that taking meals timely is essential and good balance of vitamins, proteins, fiber , carbohydrates is essential .





Report

Corona Awareness Programmes

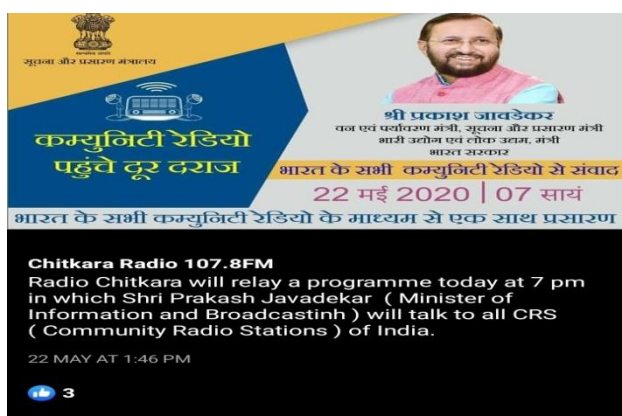
Community Radio, Radio Chitkara 107.8 FM has served the community for the past 8 years. During Corona pandemic time, the radio did broadcast non-stop content on Covid-19 for 5 months which started from 26th March, 2020 and despite of the lockdown which is unique in the world as not a single media house has done this much emphasis and coverage as our Community radio. No human resource in studio was there to run the transmission of radio but with the use of technology in innovative way we were able to do and continued through a lot of programs on Corona and the audience was sensitized about this deadly disease.

All the addresses by the Prime Minister Mr.Narendra Modi to the Nation on Corona awareness were aired by Radio Chitkara and his monthly program 'Mann Ki Baat' was broadcasted regularly. Minister of Information and Broadcasting Mr.Prakash Javdekar's address on effectiveness of Community Radio was too aired.

National Bulletin on Corona produced by All India Radio, Delhi was aired daily. Staff members of Radio Chitkara and students studying media discipline were actively involved in production of Covid-19 centric content and these were part of 24x7 broadcast.

Chief Minister of Punjab Captain Amrinder Singh's all the weekly broadcasts were carried by us. Similarly Chief Minister of Haryana Mr. Manohar Lal's interaction with people of State on fight against Corona was disseminated by CRS. Addresses by Deputy Commissioners of Patiala, Mohali and Ambala, Local MLAs' interviews, Chief Medical Officers advises, Sarpanchs' interviews were regular features so that the listeners may take guidance for taking precautions against Covid 19.

Covid bulletins of Punjab and Haryana were aired on each evenings which gave a status / update of Corona effected people and Central and State governments' measures to stop the pandemic.



← **radiochitkara107.8FM**
73 Tweets

radiochitkara107.8FM @ChitkaraRadio · Aug 25
From 26 March to 26 August - non stop 5 months programming by Radio Chitkara (Community Radio Station 107.8 FM Punjab) on Corona/ Covid 19 pandemic . Only station in the World which has done (24x7 on Corona)so.#

<p>6 d · 🌐</p> <p>Radio Chitkara broadcasts National Bulletin (produced by AIR)on 19 August 2020. This bulletin will be re-broadcast in every 4 hours today.</p> <p>10 Aug · 🌐</p> <p>Radio Chitkara broadcasting interviews (4 & 5 th) of Corona Survivors which were produced by AIR Patiala</p>	<p>2 d · 🌐</p> <p>Radio Chitkara broadcasts Punjab State Covid Control Room's bulletin of 23 Aug 2020. 1136 new cases of Covid19 affected people has been</p> <p>30 Jul · 🌐</p> <p>Radio Chitkara distributed masks and sanitizers to nearby community people to fight against the COVID 19 Coronavirus..</p>
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1 4 2

radiochitkara107.8FM @ChitkaraRadio · Aug 25
#WeWillWin

Chitkara Radio 107.8FM 2 d · 🌐
Radio Chitkara broadcasts

Home About Photos Videos

 **Chitkara Radio 107.8FM** 6 hrs · 🌐

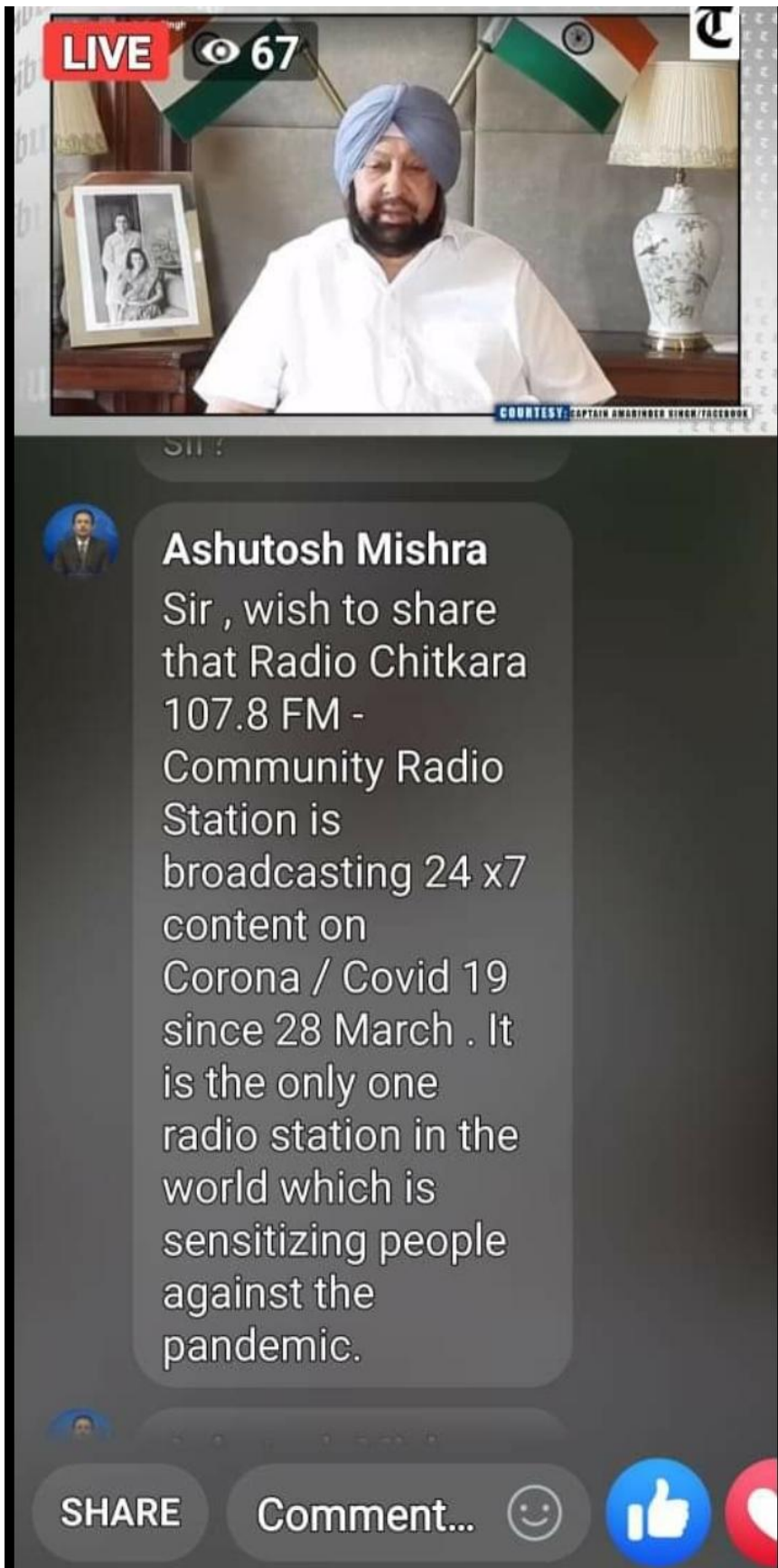
Radio Chitkara airing update (5 April) on Haryana on Corona

Chief Minister of Haryana Shri Manoharlal has appealed to youth of State to utilise t... See more



 You, Jagjeet Singh and 4 others

 Like  Comment  Share



LIVE 67

COURTESY: CAPTAIN AMARINDER SINGH / FACEBOOK

Sir!

Ashutosh Mishra
Sir , wish to share that Radio Chitkara 107.8 FM - Community Radio Station is broadcasting 24 x7 content on Corona / Covid 19 since 28 March . It is the only one radio station in the world which is sensitizing people against the pandemic.

SHARE Comment... 🗨️ 👍 🗨️

EVENT REPORT

Name of Event: Halloween
Date of Event: 31 Oct 2019
Number of Students Attending: 195
Sponsoring Organization(s): Animation Department
Contact Name: Vineet Raj Kapoor
Telephone Number: 9872546753
E-mail: vineet@chitkara.edu.in

Learning Objectives:

Animation Students would be able to observe and understand the working of organizing an event independently, right from conceiving to executing

Learning Outcomes:

Animation Students would be able to identify individual processing points, while understanding the SOPs of the Event Organization as well as the pitfalls and issues, which would lead them to be a better manager and planner

Report

On 31 Oct 2018, the Department of Animation organised a field event for the students of Chitkara University. Students from many departments participated in the Halloween day activities. The student teams were formed to design halloween face painting options, and artists painted them on the volunteers.

The students had a couple of hours to paint the faces and then the Students took out a Halloween procession/ Zombie Parade, which held throughout the university as the students enjoyed as well as performed the role of a zombie. The procession helped students step out of their digital lives and do a physical activity that helped them removed their shyness and handle their introvert behavior and come out with confidence. This confidence of meeting strangers and interacting with them as another character was entirely an out of the world behavior for them.

Halloween or Hallowe'en (a contraction of Hallows' Even or Hallows' Evening), also known as Allhalloween, All Hallows' Eve, or All Saints' Eve, is a celebration observed in many countries on 31 October, the eve of the Western Christian feast of All Hallows' Day. It begins

the three-day observance of Allhallowtide, the time in the liturgical year dedicated to remembering the dead, including saints (hallows), martyrs, and all the faithful departed

It is widely believed that many Halloween traditions originated from ancient Celtic harvest festivals, particularly the Gaelic festival Samhain; that such festivals may have had pagan roots; and that Samhain itself was Christianized as Halloween by the early Church. Some believe, however, that Halloween began solely as a Christian holiday, separate from ancient festivals like Samhain.



Figure 1 Participants having fun during Halloween Day Activity



Figure 2 Participants posing for a group picture during Halloween Day Activity



Figure 3 Participants having fun during Halloween Day Activity

Annual sports report 2019

Keeping up the tradition, this year too, CHITKARA UNIVERSITY organized its 4th & 5th October. Tournament in Basketball, Cricket, Badminton, Table tennis, Tug of war & Volleyball with the same flamboyant spirit. Our Honourable Dhanashekran sir and Ishrae Member was the Chief guest and distributed the prizes to the winners.

This is Under the supervision of Jaswinder singh and Atul gilhotra and Coordinated by Mukund Kashyap, Punit Aggarwal. On 4th & 5th October we organized CHITKARA UNIVERSITY Tournament at our college campus around 400 Students participated.

Sports activities is an integral part of student's career. Our students are enthusiastic sportsmen with zeal and ambition to give their best performance.

Our students have participated in various Games and Athletics. And We gave some Refreshment.






Date: - 21.12.2019

Technical Talk on Advance Oxidation Therapies for Health and Wellness

Speaker: Mr Gautam Malik

A Technical Talk delivered by Mr. Gautam Mallik on “Advance Oxidation Therapies for Health and Wellness” was organized by ISHRAE on 21st December 2020 at Hotel Pearl, Chandigarh. It stressed the need to change lifestyle so as to mitigate from the health issues related to hypoxia. It covered Bio Oxidative therapy for its use in medicine and Advanced Oxidation Processes for their applications such as Water Treatment, Agriculture, Disinfection, Sanitation, Cleaning etc. A demonstrative capability of higher oxygen derivatives was also exhibited.



ISHRAE
Chandigarh Chapter

CHANDIGARH CHAPTER OF ISHRAE
Invites You
For
Technical Talk
ON
**Advanced Oxidation Therapies for
Health and Wellness**

About the speaker:

Mr. Gautam Malik is a unique blend of Engineering and Medical Field. An Academician by profession, an engineer by taste and a naturopathic physician by heart, he comes with a rich experience of more than 15 years. Through a consulting assignment in the field of water sanitation, he got to know the importance of water in relation to human health. Exploring more on the health front, he blended engineering flavour to medical challenges. Presently he is working in Chitkara University.

Date : 21st December 2019(Saturday)
Time : 3:30 - 4:30 PM
Venue : Hotel Pearl, Phase- 2, Industrial Area, Chandigarh

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Mr. Jaspreet Singh
President Elect
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Mr. Aneel Singh Duggal
Programme Facilitator
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Live Online Webinar Covid-19: Boon or curse (14th June, 2020)

Department of Applied Sciences, CUIET, Chitkara University, Punjab organized One Day Live Online Webinar on the topic Covid-19: Boon or curse on 14th June,2020. The Covid- 19 pandemic is going to change many things and create a new normal. Lifestyles will change, people will become more health conscious, masks and hand sanitizers will become part of routine life. Today's webinar includes the effect of Covid 19 on nature and human beings. The main objective of this webinar is to aware people about Covid 19.

Resource Person: Ms. Arshdeep kaur, Assistant Professor, Department of Applied Sciences, Chitkara University, Punjab.



Participants attending the webinar

Covid 19: Boon or Curse

Ms. Arshdeep Kaur
Assistant Professor

Department of Applied Sciences
Chitkara University, Punjab

14th June, 2020

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Chitkara vc140

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Attendees still on hold
Start Broadcast!
Record on start

Audience view 100%

Covid 19: Boon or Curse

- Sharing
- Webcam
- Audio
- Dashboard
- Attendees: 6 of 1001 (max)
- Polls (0/0)
- Questions
- Handouts: 0 of 5
- Chat

Covid 19: Boon or Curse
Webinar ID: 101-136-331
GoToWebinar

Resou

First Aid Workshop

19th July, 2019.

Every second counts: A First Aid Workshop was organized at the campus, for the students of Chitkara College of Hospitality Management(Semester V). The workshop was aimed at equipping students basic techniques to provide First Aid so that they can professionally handle medical emergencies both big and small. Topics covered included CPR methods, bleeding intervention, basic life support, burns and choking.



Students attending the session on fire safety, and gaining knowledge about emergency situations

Workshop on Health Supplements- Myth or Truth24th July, 2019

Powered by better nutrition: Chitkara College of Hospitality Management organized a Nutrition Workshop on 'Health Supplements - Myth or Truth'. Students were provided with information related to basic nutrition, complementary food, growth monitoring and supplements.



Students attending session on health supplements by faculty of Chitkara College of Health Sciences

FIRST AID WORKSHOP**10 February, 2020**

Chitkara College of hospitality management organized first aid workshop by Mr. ManinderSingh, assistant professor Ms. Rashmi Goswami, Assistant professor Ms. Nishtha of Department of Nursing, CSHSto develop lifesaving skills. Students learned various life saving techniques like techniques in case of choking, burn, fracture, cuts & abrasions, seizures, CPR etc. live demonstration were given in order to get practical knowledge. 120 students from semester 2 participated in the workshop.



CCHM Faculties and Students in the workshop



Demonstration of first aid skills



Mr. Maninder Singh conducting the workshop

MOTIVATIONAL TALK ON LOCKDOWN AND FOODS THAT BOOSTS**IMMUNITY 14 MAY 2020**

Chef Sanjeev Kapoor addressed the students with motivational talk regarding the future of the hospitality industry post lockdown and how to make small changes in your daily diet to increase immunity. 210 students participated and enjoyed the motivational stories about the hospitality and the various benefits related to the on- going pandemic o the hospitality business.

CHITKARA UNIVERSITY

Motivational Talk on
lockdown & Foods
that boost Immunity
by

Chef Sanjeev Kapoor
Padma Shri awardee

Thursday | 14th May | 11.30am to 12 30 pm
Live on Facebook [f /chitkarau](https://www.facebook.com/chitkarau)

Explore Your Potential www.chitkara.edu.in



4 QUALITY EDUCATION



Train the Trainer

Type of Event: Technical

Date: 12th -13th August, 2019

Venue/Online Platform: MATLAB, Edison Block

Name of Organizing Agency with Contact Details: Department of Electronics and Communication Engineering

No. of Participants: 05

Facilitators: Ms. Isha Gupta

Resource Person: Dr. MeenuGarg and Ms. Isha Gupta

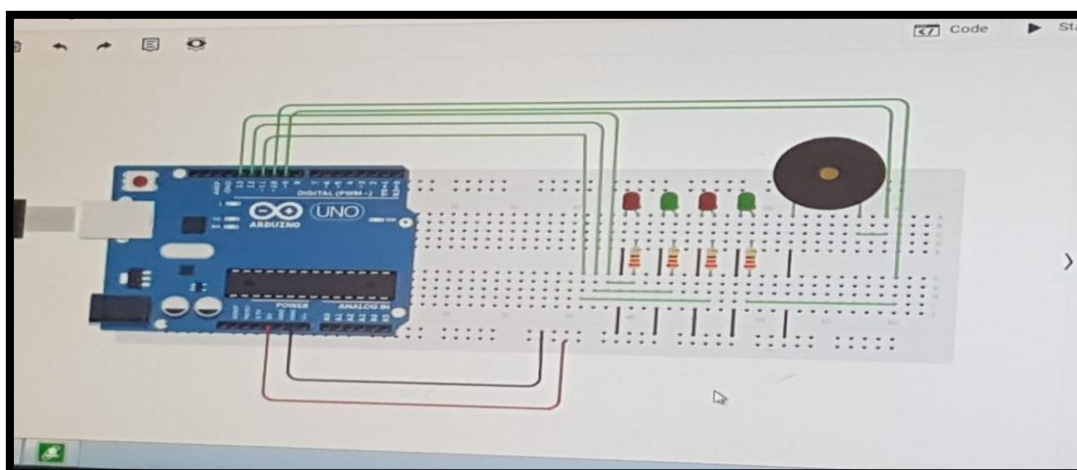
Description of Event

Two days faculty development program on **Robotic Module** from August 12, 2019 to August 14, 2019 is being organised by Department of Electronics and Communication Engineering, Chitkara University, Punjab. The purpose of the Module is to introduce various academic products to the faculty of Chitkara International School that suit the needs of the students.

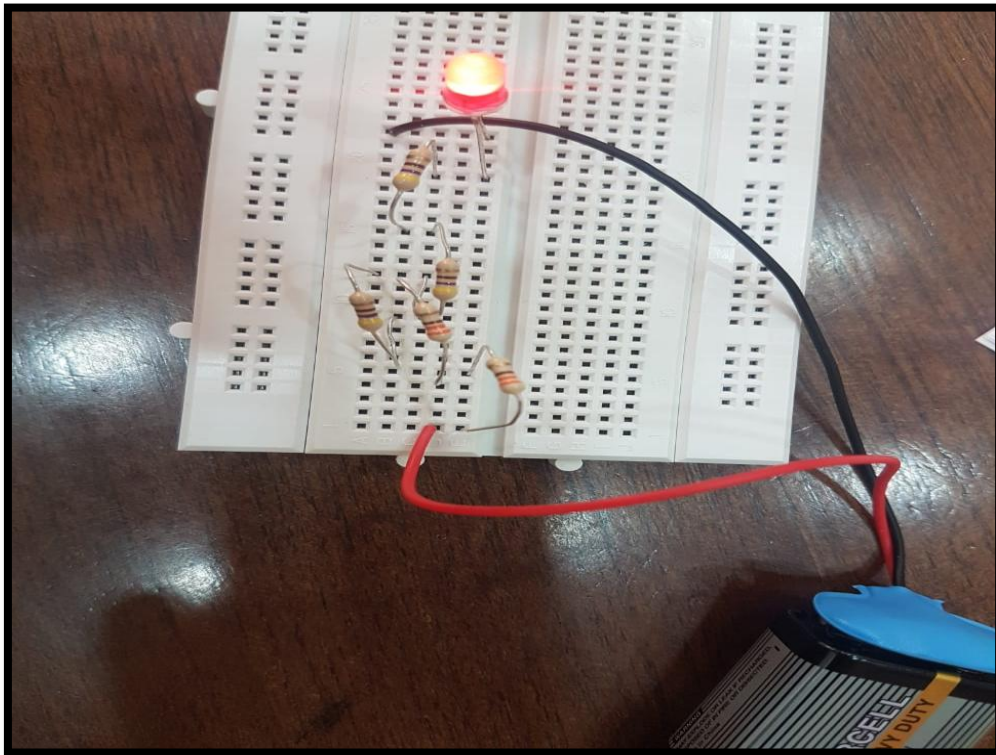
Various topics covered in this workshop are:

- Introduction to electronic components like: Battery, LED, DC motor, Solar panel, connections with wires, switch.
- Introduction to spare parts need to build a robot.
- Assemble for working with electronics components.
- Making Robo car and home with solar panel using solar energy.
- Robo car making with remote control.
- Introduction to Arduino IDE.
- Introduction to Tinkercad
- Introduction to Block programming.
- Block programming Examples

Photographs of the Event



Equipment Used



Project making



Participants

REPORT ON EXPERT TALK

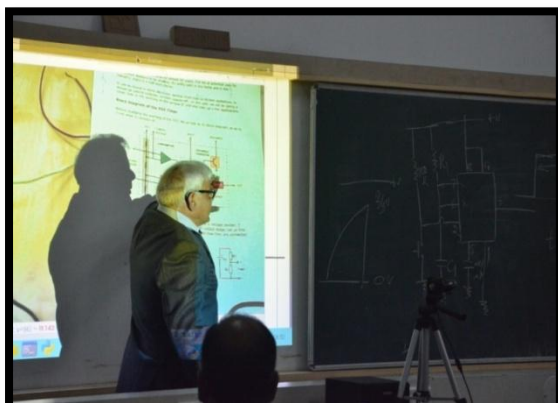
EVENT DETAILS	
Event Name	Expert Talk
Topic	Career Opportunities in Mechatronics Engineering
Date	26/09/2019
Time	10.30 AM to 12.00 PM
Organized By	Department of Mechanical Engineering (Mechatronics)
Resource Person	Mr. Deepak Nair, B. Sc. Electronics, Oxford University

The decisions related to careers play vital roles in determining and shaping the future prospects and developmental growth of students. In the current era of diverse options, staying intact and aware of the variety of choices available aids the wards in their decision making process. Thus, an expert talk had been organized by the Department of Mechanical Engineering (Mechatronics), Chitkara University on the topic of “Career Opportunities in Mechatronics Engineering” on 26/09/2019. The main objective of this session was to offer career counseling to the blooming Mechatronics Engineers.

The session commenced with an inaugural function where the keynote speaker Mr. Deepak Nair was felicitated by Dr. Vijay Kumar, Dean, Civil and Mechatronics Engineering; and Mr. Nitesh Parmar, Program In-charge, Civil and Mechatronics Engineering. The talk delivered by the speaker was focused upon making the audiences aware of the diverse career opportunities that they could grab in the field of Mechatronics engineering. The speaker also highlighted during the session a variety of postgraduate courses and a list of leading educational institutes offering the same that the students could pursue for their higher studies in the domain of Mechatronics engineering. He also encouraged the students to choose a domain of their choice and interest depending upon their expectations from the course and not merely under any sorts of family expectations and peer pressure. He guided the students to learn on how to identify their core skills and areas of interest. Nonetheless, he also presented to the students various methods in which they could plan multiple activities that would eventually help them to hone their skill-set. Undoubtedly, the session proved extremely enriching and worthwhile for the students. The total audience comprised of all the faculty members of the Mechatronics Engineering along with a total of 27 undergraduate students.

The session as a whole touched upon the various technical and practical aspects of long term outcomes of pursuing Mechatronics Engineering and helped the students in building and choosing a vivid career path for themselves. We, as a department express our immense

gratitude to the University for their approval and guidance for the successful conduct of this session.



Mr. Deepak demonstrating the latest advancements to the participants



REPORT ON EXPERT TALK

EVENT DETAILS	
Event Name	Expert Talk
Topic	MatLab Based Modelling, Simulation and Real-Time Control of Robotics Manipulators
Date	14/11/2019
Time	11:30 AM to 1:30 PM
Organized By	Department of Mechanical Engineering (Mechatronics)
Resource Person	Dr. Ashish Singla, Associate Professor, Mechanical Engineering, Thapar University, Patiala.

The Department of Mechanical Engineering (Mechatronics) organized an expert talk on the topic of “MatLab Based Modelling, Simulation and Real-Time Control of Robotics Manipulators” on November 14, 2019. The prime objective of this talk was to initiate, amongst the students, the knowledge of how the MatLab software may be utilized in the control of automated systems.

The session commenced with an inaugural function where the keynote speaker Dr. Ashish Singla, Associate Professor, Mechanical Engineering was by felicitated by Dr. Vijay Kumar Jadon, Dean, Civil and Mechatronics Engineering; and Mr. Nitesh Parmar, Program In-charge, Civil and Mechatronics Engineering.

MEHNDI APPLYING CONTEST

14th August, 2019

Spreading the joy: Chitkara College of Hospitality Management organized a 'Mehndi Applying Contest' to complement the festive mood of Raksha Bandhan. The contest received an overwhelming response as the zealous participants, from various departments, etched out awe-inspiring creative designs. Students, Driya (CSE) bagged the first prize; Astha (BCA) was placed second; Riya (CCHM) & Simran shared the third prize. Congratulations to all the winners!



Winner of the competition are being awarded

WINE APPRECIATION SESSION

22nd August, 2019

The concept of the session was to give the students the basic practical knowledge of the wines along with the live demonstration. The session was taken by Mr. Suryaveer Singh (Founder of the Trance Hotels & Hyderabad wine society). He had taken a very qualitative and informative session, which was appreciated by all the students and also discussed his field experiences which motivated the students to strive for their future career. Hence, it was a learning and interactive session for the students where he answered all the queries put up by the students to their full satisfaction. The event ended with an honorarium to the guests and vote of thanks by Mr. Ravi Kapila.



Mr. Suryaveer Singh, sharing his knowledge of wines with students during the session

Expert session by Chef Vikas Khanna and Book Launch19th October, 2019.

For the love of food! Culinary students at Chitkara University got a rare opportunity to meet & interact with Michelin Starred chef, entrepreneur and author Chef VikasKhanna, at the campus today. Following a few light moments and a warm welcome by Hon'ble Dr. MadhuChitkara, Vice Chancellor, Chitkara University; Chef VikasKhanna proceeded to address the students - touch upon matters close to his heart and share his 'junoon'.





Warm welcome by Hon'ble Dr. MadhuChitkara, Vice Chancellor, Chitkara University.

Chef VikasKhana enjoying at food stall by students

Wine Appreciation Workshop

16th November, 2019

A toast to a bright career ahead! A Wine Appreciation Workshop was organised to give the students of Chitkara College of Hospitality Management, presenting them a unique experience with basic practical knowledge of differences between new v/s old world wines, the techniques and grapes varieties. Expert, Ms.SeemaTrehan, Senior Area Manager, Sula Vineyards; gave a highly informative session and also discussed her experience while motivating students for a bright career in the field.



Students and Faculty getting picture clicked with Ms. SeemaTrehan



Ms. Trehan signing the certificates from Sula vineyards to best answers given by students

KITCHEN WORKSHOP BY CHEF SANJAY THAKUR**15 January, 2020**

Workshop By Chef Sanjay Thakur, Inflight Chef, Etihad Airways and Guinness book record holder for setting up an Indian fine dine restaurant at 18500 feet Atop Mount Everest showcased his gastronomic skills & modern plate presentation. Interactive and informative session for the students. Live demonstration was given and students learned about gastronomic skills and modern plate presentation. 30 students of semester 2 participated in the event.



Chef Sanjay Thakur with the faculties of CCHM



Students practicing their gastronomic skills with Chef Sanjay Thakur



Chef Sanjay Thakur with hospitality students

**WORKSHOP BY MR. SANJEEV BHARDWAJ, PROJECT MANAGER CUM
FIRE OFFICER ON “FIRE FIGHTING****17 January, 2020**

Chitkara College of Hospitality Management Conducted Firefighting Workshop to develop the fire safety awareness amongst the students and faculty. Students learned about the mechanism of the fire formation, fire prevention practices, dealing with different classes of fire and using portable fire extinguishers. 80 students of semester 4 participated in the workshop.



Students participating in the firefighting workshop



Demonstration of firefighting techniques



Mr. Sanjeev with students of semester 4

INDIAN CUISINE WORKSHOP

21 January,2020

Chitkara college of Hospitality management organized INDIAN CUISINE WORKSHOP” in which Dr. Chef Virender rana, (dr. chef Virender rana, deputy dean GNA university) on 21 January,2020 in which he demonstrated various delicacies of regional Indian food. Students learned about basic and modern concepts of Indian regional cuisine. 30 students from semester 4 participated in it.



Chef Virender Rana with the students of CCHM



Students practicing in Indian Cuisine workshop



Chef Virender Rana with the faculties of CCHM

WORKSHOP ON TANDOOR COOKING

25 January, 2020

CCHM organized workshop on Tandoor Cooking for the faculty members of the Chitkara University in which Chef Ram Gopal and Chef Manpreet have taken session of Tandoor marininations and dishes. Workshop helped in developing more understanding about the preparation of Tandoor marininations and dishes. Participants appreciated and enjoyed the workshop by being involved in the preparation of various dishes. 15 faculties participated in the workshop.



Chef Ram Gopal briefing faculties on Tandoor skills



Faculties participating in the workshop



Chef Manpreet briefing faculties on Tandoor skills

REPORT ON EXPERT TALK

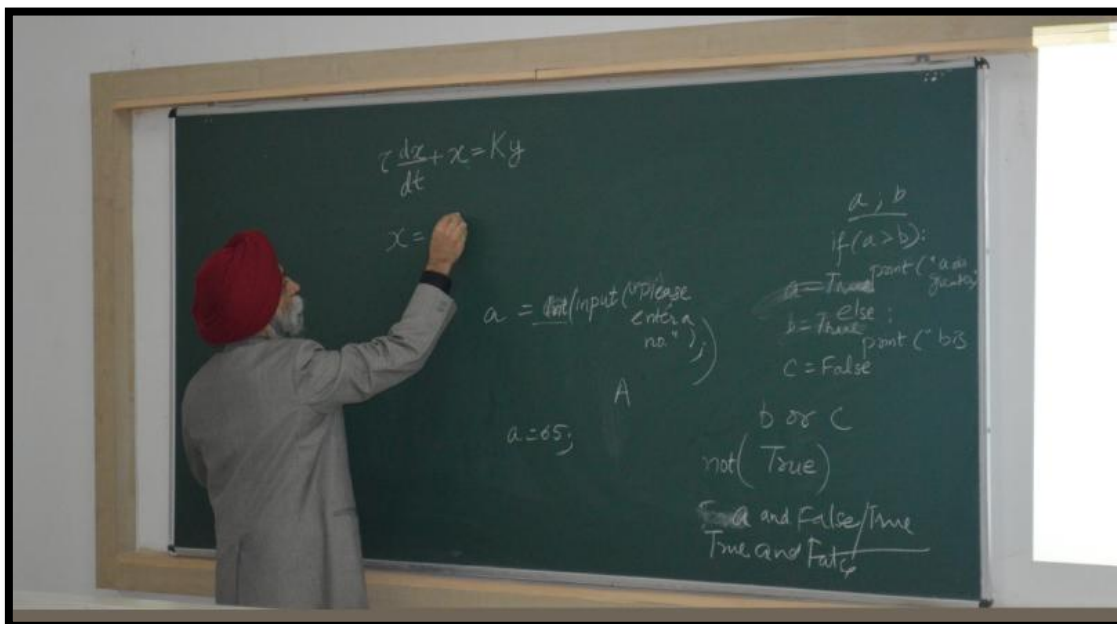
EVENT DETAILS	
Event Name	Expert Talk
Topic	Career Options in Robotics Control
Date	26/12/2019
Time	11:30 AM to 12:00 PM
Organized By	Department of Mechanical Engineering (Mechatronics)
Resource Person	Dr. S.S. Dhami, Professor & Head, Mechanical Engineering, NITTTR Chandigarh

In the era of robotics and automation, it becomes crucial to spread awareness and increase the conceptual knowledge base of the students oriented with the undergraduate programs of engineering in this specific field. Therefore, the Department of Mechanical Engineering (Mechatronics) organized an expert talk on the topic of “Career Options in Robotics Control” on December 26, 2019. The prime objective of this talk was to initiate, amongst the students, the knowledge of how the controllers function, their role in aerial robotics and most primarily how are they designed.

The session commenced with an inaugural function where the keynote speaker Dr. S. S. Dhami, Professor, NITTTR was felicitated by Dr. Vijay Kumar Jadon, Dean, Civil and Mechatronics Engineering; and Mr. Nitesh Parmar, Program In-charge, Civil and Mechatronics Engineering. The talk delivered by the speaker laid focus upon making the audience aware of the diverse controls in robotics. The speaker talked upon the various technical aspects of controller design for a UAV and also how crucial the P-I-D parameters are in the design of a robot. The speaker also enlightened the audience about the real time applications of robotic control and its future prospects as well. The speaker highlighted the recent literature survey being held in the domain of PID controllers and their design. He also touched other primary aspects of robotics control systems throughout the lecture. The session ended with acknowledging the students about career development opportunities in the field on aerial robotics and its control system design. The speaker highlighted several specialization courses available in this domain for various post graduate programs. Also, the speaker listed a few multinational companies in India and Overseas, which the students pursuing this domain with intellect could target for their future placements.

The session as a whole touched upon the various technical and practical aspects of long term outcomes of robotics control systems and PID controllers thus aiding the students in building vivid objectives for themselves and enriching their knowledge banks and core skills with

such worthwhile knowledge and literature from the speaker. We, as a department express our immense gratitude to the University for their approval and guidance for the successful conduct of this session.



Dr. Dhami explicating the terminologies of control systems



Dr. Vijay facilitating the efforts of Dr. Dhami during valediction of the talk

REPORT ON EXPERT TALK

EVENT DETAILS	
Event Name	Expert Talk
Topic	Introduction to Microsoft Teams Platform
Date	4/5/2020
Time	03:00 PM to 04:00 PM
Organized By	Department of Mechanical Engineering (Mechatronics)
Resource Person	Nitesh Parmar, Mechanical Engineering, CUIET, Punjab

The Department of Mechanical Engineering (Mechatronics) organized an expert talk on the topic of “Introduction to Microsoft Teams Platform” on May 4, 2020. The prime objective of this talk was to educate faculty members about the online platform to be utilized for academic activities. A total of 40 faculty members from Mechanical, Mechatronics and Civil Engineering participated in the session. The event proved to be fruitful as the faculty members started using the platform for Online classes.

CHITKARA UNIVERSITY

A webinar on “**Introduction to Microsoft Teams platform**”

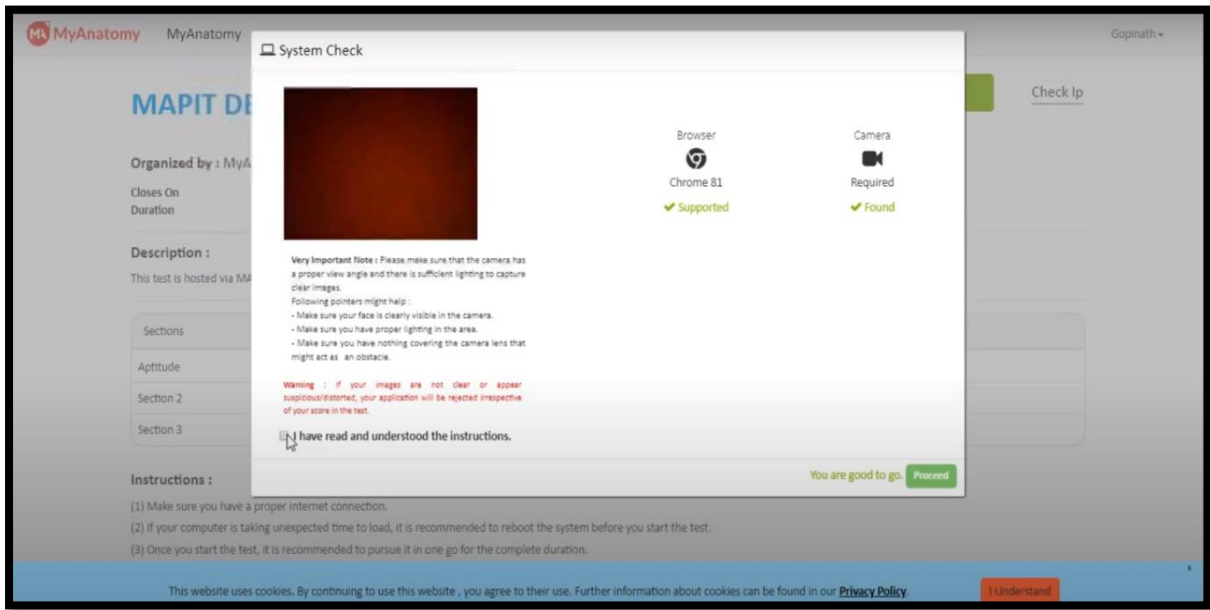
Date: 04- May-2020
Time : 3:00 pm

Resource Person
Mr. Nitesh Parmar
Assistant Professor, Chitkara University

Register online
<https://teams.microsoft.com//message/19:b1656ff143594b7dadf6d87f4b1aa028@thread.tacv2/1590734132521?groupId=9d06f6434550-42b0-865a-7e81c65dc3>

Organizer
Mr. Bineet Pal & Mr. Gurpreet Singh
Assistant Professor, Chitkara University
Rajpura, Punjab – 140401

TO ENSURE SAFETY & STOP SPREAD OF
COVID-19
WORK FROM HOME



A screenshot of the presentation

REPORT ON EXPERT TALK

EVENT DETAILS	
Event Name	Expert Talk
Topic	Mendeley- Reference Management Software
Date	13/5/2020
Time	03:00 PM to 4:00 PM
Organized By	Department of Mechanical Engineering (Mechatronics)
Resource Person	Dr Deepam Goyal, CURIN, CU, Punjab

Dr Deepam Goyal, an expert in the research field, delivered a lecture to educate and encourage the faculty members to adopt the use of Mendeley in their research work and articles. A total of 10 faculty members from Mechanical, Mechatronics and Civil Engineering participated in the session.





CHITKARA
UNIVERSITY

A webinar on “**Mendeley- Reference Management Software**”

Date: 13- May-2020
Time : 3:00 pm

Resource Person
Dr. Deepam Goyal Ph.D. (Mechanical)
Assistant Professor, Chitkara University
Rajpura, Punjab - 140401

Register online
<https://teams.microsoft.com/j/message/19:b1656ff143594b7dadf6d87f4b1aa028@thread.tacv2/1590734132521?groupId=9d06f643-4550-42b0-865a-7e81c65dc3>


Organizer
Mr. Nitesh Parmar
Assistant Professor, Chitkara University
Rajpura, Punjab – 140401
Tel. : +91-9780900184




REPORT ON EXPERT TALK

EVENT DETAILS	
Event Name	Expert Talk
Topic	LaTeX for Beginners
Date	29/5/2020
Time	03:00 PM to 04:00 PM
Organized By	Department of Mechanical Engineering (Mechatronics)
Resource Person	Dr Deepam Goyal, CURIN, CU, Punjab

The department organized an event to encourage the use of LaTeX amongst the faculty members and the lecture was delivered by Dr Deepam Goyal, an expert in the research field. The event received a participation of 15 faculty members from Mechanical, Mechatronics and Civil Engineering.






CHITKARA
UNIVERSITY

E learning webinar on “**LaTeX for Beginners**”

Date: 29- May-2020
Time : 3:00 pm

Speaker
Dr. Deepam Goyal Ph.D. (Mechanical)
Assistant Professor, Chitkara University
Rajpura, Punjab - 140401
Tel: +91-9915158515

Register online

<https://teams.microsoft.com//message/19:b1656ff143594b7dadf6d87f4b1aa028@thread.tacv2/1590734132521?groupId=9d06f643-4550-42b0-865a-7e81c65dcdc3>

Organizer
Mr. Nitesh Parmar
Assistant Professor, Chitkara University
Rajpura, Punjab – 140401
Tel. : +91-9780900184

Report on Expert Session**Chitkara College of Pharmacy, Chitkara University, Punjab****Date: 9th April 2020**

Chitkara College of Pharmacy, Chitkara University, Punjab didn't let the current conditions to hamper the process of teaching and learning. The institute through the E – Learning resources conducted an expert session on 9th May 2020, where Dr. Lakshmi Prasanna Kolluru had delivered an informative session on Generic Parenteral Product Development and CMC Filing. During this current Pandemic (COVID – 19), the institute continued to deliver its expert services to the students.

The session was organized by Dr. Sandeep Arora, Professor & Director, Chitkara College of Pharmacy, Chitkara University, Punjab and was moderated by Dr. Suman Baishnab, Asst. Professor, Chitkara College of Pharmacy, Chitkara University, Punjab.

Dr. Prasanna is a Senior Formulation Scientist at Medefil, Inc. Illinois, US who in spite of her busy schedule had spared time for the students of Chitkara University, Punjab. She has a very vast experience in the field of Research and Formulation. The institute had the privilege to deliver her experience to the students.

The complete session focused on 3 points:

1. What exactly is done in generic industry?
2. How to develop generic products?
3. How to present this information to regulatory agencies?

The complete 1 ½ hour session covered the various aspects of these topics. The session covered the various stages of development i.e. Analytical Development, Formulation Development, Microbiology, Technology Transfer, Manufacturing, Regulatory Aspects and Quality Assurance.

Approximately 180 students from B. Pharm & M. Pharm attended this session which was very useful for them. A round of discussion was also conducted after the session, where the students were given a chance to ask their queries and were also given a chance to share their thoughts and views over the topic.

Generic Parenteral Product Development and CMC Filing

Chitkara University
09 May 2020

Prasanna Kolluru, PhD
Medefil Inc

In the next hour ...

- What exactly we do in generic industry?
- How do you develop generic products?
- How do you present this information for regulatory agency?

*With focus on parenteral products

Why do we need generic drugs?

Average cost of a generic drug is 80-85% LESS than its brand counterpart

<https://www.fda.gov/Drugs/Research/Post-Approval/Manufacturing/Quality/UnderstandingGenericDrugs/ucm32896.htm>

Overview of Product Approval

New Drug Product (NDA)	Generic Drug Product (ANDA)
<ul style="list-style-type: none"> • Identify formulation composition, container closure and manufacturing process 	<ul style="list-style-type: none"> • Identify formulation composition, container closure (preferably similar to RL) and manufacturing process
<ul style="list-style-type: none"> • Evaluate drug product attributes on stability 	<ul style="list-style-type: none"> • Evaluate drug product attributes on stability
<ul style="list-style-type: none"> • Extensive clinical trials to establish safety and efficacy of the drug product 	<ul style="list-style-type: none"> • Bioequivalence studies (sometimes can be waived) sufficient to establish clinical effectiveness

Analytical Development

- Develop methods for Active Pharmaceutical Ingredients:
 - 1) Assay- Active Chemical
 - 2) Impurities- Total Impurities and any known impurities
 - 3) Excipients characterization
 - Preservatives (Eg: Benzyl alcohol, Chlorobutanol)
 - Tonicity agents (Eg: Dextrose)
 - Chelating agents (Eg: EDTA)
 - Anti-oxidants (Eg: BHT)
- Forced Degradation Studies: Evaluate acid, base, light, heat and oxygen sensitivities ; Understand degradation pathways

Tonicity agents and Osmolality

- Assumes that the product is compatible with the tissues at the site of administration
- If a product is not isotonic, tissues get disrupted and the drug product will be painful during administration
- Target range of 275 to 320 mOsm/kg
- 0.9% NaCl injection or 5% dextrose solution
- Drug product compatibility with chloride or ions in general might be a concern. Mannitol or Trehalose can be used in such cases

Report on Expert Session**Chitkara College of Pharmacy, Chitkara University, Punjab****Date: 12th June 2020 & 15th June 2020**

Chitkara College of Pharmacy, Chitkara University, Punjab didn't let the current conditions to hamper the process of teaching and learning. The institute through the E – Learning resources conducted an expert session on 12th June 2020 & 15th June 2020, where Dr. Sohil Khan had delivered an informative session on Increasing Value & Reducing Waste: Current Dilemma in COVID 19 Research. During the current Pandemic (COVID – 19), the institute continued to deliver its expert services to the students.

The session was organized by Dr. Sandeep Arora, Professor & Director, Chitkara College of Pharmacy, Chitkara University, Punjab, Prof. Harleen Sandhu, Assoc. Director, Office of International Affairs, Chitkara University, Punjab and was moderated by Dr. Suman Baishnab, Asst. Professor, Chitkara College of Pharmacy, Chitkara University, Punjab.

Dr. Khan is a faculty at the School of Pharmacy & Pharmacology, Griffith University, Australia who in spite of his busy schedule had spared time for the students of Chitkara University, Punjab. He has a very vast experience in the field of pharmacology. The institute had the privilege to deliver his experience to the students.

Approximately 150 students from B. Pharm & M. Pharm attended this session which was very useful for them. A round of discussion was also conducted after the session, where the students were given a chance to ask their queries and were also given a chance to share their thoughts and views over the topic.

CHITKARA UNIVERSITY  **Griffith UNIVERSITY**
Queensland Australia

TRANSLATIONAL RESEARCH SEMINAR
Chitkara University, India in collaboration with
Griffith University, Australia

**Increasing Value and Reducing Waste:
Current Dilemma in COVID-19 Research**

Synopsis:
Dr Sohil Khan of Griffith University, Gold Coast Australia
is on the front line of rapid evidence response team to generate
near-real time
CRITICALLY APPRAISED THERAPEUTIC EVIDENCE IN COVID – 19

Dr Sohil Khan
Faculty & Research Fellow,
Griffith University
Gold Coast Australia

June 12th & 15th, 2020
10.30 AM IST

Report on PharmTech Web Series 01**Chitkara College of Pharmacy, Chitkara University, Punjab****Date: 22nd May 2020 & 23rd May 2020**

Chitkara College of Pharmacy, Chitkara University, Punjab through the E – Learning resources conducted PharmTech Web Series 01 on 22nd May 2020 & 23rd May 2020, where many experts from various fields were invited to deliver their talk on their area of interests. During the current Pandemic (COVID – 19), the institute continued to deliver its expert services to the students.

The session was convened & chaired by Dr. Sandeep Arora, Dean, Chitkara College of Pharmacy, Chitkara University, Punjab, organized by Dr. Thakur Gurjeet Singh, Asst. Dean, Chitkara College of Pharmacy, Chitkara University, Punjab, and was coordinated by Dr. Suman Baishnab, Asst. Professor, Chitkara College of Pharmacy, Chitkara University, Punjab.

The experts who had delivered talk in these series were Dr. Sandeep Arora, Chitkara University, Punjab, Dr. Prasanna Kolluru, Medefil Inc., USA, Dr. Jitender Narayan Tiwary, Dr. Reddys Lab, Dr. Vinam Puri, RUTGERS, Dr. Mohd. Hisham, Cleveland Clinic

More than 250 students from B. Pharm, M. Pharm, Pharm D & M. Sc. Pharmacovigilance attended this series which was very useful for them. A round of discussion was also conducted after the sessions, where the students were given a chance to ask their queries and were also given a chance to share their thoughts and views over the topic.



Pharmaceutical Industry Worldwide An Overview



- ◆The pharmaceutical industry is responsible for the Development, Production and Marketing of Medications.
- ◆Pharmaceutical companies may deal in Generic or Brand Medications and Medical Devices.
- ◆They are subject to a variety of laws and regulations that govern the Patenting, Testing, Safety, Efficacy and Marketing of Drugs.
- ◆Thus, its immense importance as a global sector is evident.

> Video

Research To Market - Pharma Global Perspective | Dr. Rishan Palewar | 23-MAY-2020

2020-06-27 11:23:25



Chat Messages

- Dr. Suman Baishnab** 40:01
All attendees can put up their questions here
- Dishaan Chahal** 48:32
Sir how do you think that this Corona pandemic is going to affect this revenue ?
- Dr. Arun Kumar** 56:05
Sir how does the industry work on

Plant Selection

- > Commercial availability – Larger Volumes
- > Authentic raw material
- > Sustainable Source (Leaf, Flower, Fruit)
- > CITES Free (the Convention on International Trade in Endangered Species)
- > Contaminants, Heavy metals, Pesticides, Aflatoxins

At present there is a requirement for evidence based drug development with fluctuating of global economic scene. When developing novel drugs using traditional medicines it is essential to consider novel standard parameters whenever possible. Quality control of traditional medicines is also prerequisite of standard clinical trials.

It is essential to follow current standard quality controlling methods viz .Good Manufacturing Practice (GMP); Good Clinical Practice (GCP); Good Laboratory Practice (GLP); Chemistry, Manufacturing and Controls (CMC) or Pharmaceutical Quality.

Report on PharmTech Web Series 01

Chitkara College of Pharmacy, Chitkara University, Punjab

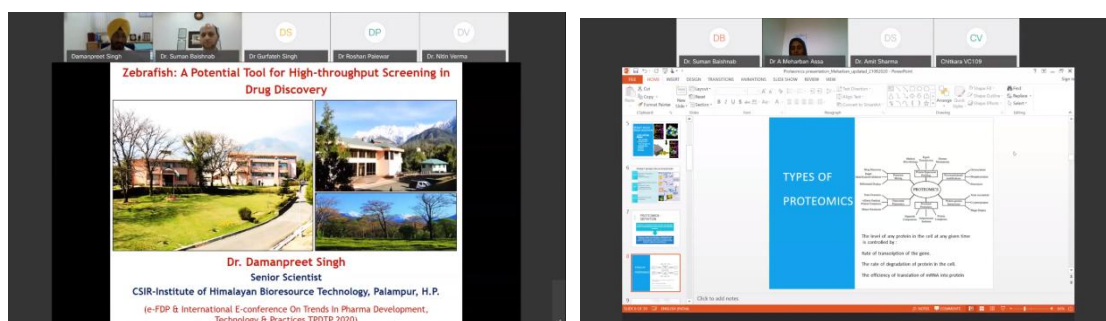
Date: 10th June 2020 & 30th June 2020

Chitkara College of Pharmacy, Chitkara University, Punjab through the E – Learning resources conducted PharmTech Web Series 02 from 10th June 2020 to 30th June 2020, where many experts from various fields were invited to deliver their talk on their area of interests. During the current Pandemic (COVID – 19), the institute continued to deliver its expert services to the students.

The session was convened & chaired by Dr. Sandeep Arora, Dean, Chitkara College of Pharmacy, Chitkara University, Punjab, organized by Dr. Thakur Gurjeet Singh, Asst. Dean, Chitkara College of Pharmacy, Chitkara University, Punjab, and was coordinated by Dr. Suman Baishnab, Asst. Professor, Chitkara College of Pharmacy, Chitkara University, Punjab.

The experts who had delivered talk in these series were Mr. Ankur Joshi, Covance, Mr. Arvind Kumar, Sanofi Ltd., Dr. Kampanart Huanbutta, Dr. Roshan Palewar, DocRosh Global Solutions, Dr. Dharmendra Kumar, UCSI University, Malaysia.

More than 200 students from B. Pharm, M. Pharm, Pharm D & M. Sc. Pharmacovigilance attended this series which was very useful for them. A round of discussion was also conducted after the sessions, where the students were given a chance to ask their queries and were also given a chance to share their thoughts and views over the topic.



Event Details	
Title of the Event:	GPAT Mock Test
Date of the Event:	04.01.2020
No. of Student Enrolled:	40
No. of Student Attended/ Benefited:	40
Resource Persons:	NA

GPAT Mock Test was conducted for the students appearing for GPAT. Students of B. Pharmacy 7th & 5th Semester participated in the Mock Test conducted by Chitkara College of Pharmacy. This test comprised of important questions from subjects of Pharmaceutics, Pharmaceutical Chemistry, Pharmacology and Pharmacognosy. This test enabled the students to track their progress and preparedness for the exam, helped them to learn from their mistakes as well as time management. Overall, this mock test helped the students to crack GPAT exam.



Students at GPAT Mock Test

KASHMIRI CUISINE WORKSHOP**ON 10 FEB, 2020**

Chitkara College Of Hospitality Management Organized “KASHMIRI CUISINE WORKSHOP” BY CHEF RAHUL WALI, ON 10 FEB, 2020. Budding Chefs Learned The Skills Of Kashmiri Food; It's Cooking Styles And Got The Opportunity To Explore The Authentic Taste Of Kashmir. 70 students participated in the workshop.



Chef Rahul Wali conducting workshop with students of CCHM



Chef Rahul Wali with the students of CCHM

Event Details	
Title of the Event:	Pharma Brand Quiz
Date of the Event:	16.09.2019
No. of Student Enrolled:	40
No. of Student Attended/ Benefited:	40
Resource Persons:	NA

Pharma Brand Quiz was conducted for the students of B. Pharmacy 3rd Semester and 5th Semester. This brand quiz comprised of the questions related to various pharmaceutical brands and based on various formulation development of various antihypertensive drugs and dosage regimen etc. This pharma brand quiz helped the students in improving their skills and gain knowledge related to various pharmaceutical brands.



Students at Pharma Brand Quiz

Event Details	
Title of the Event:	Vocab Power Quiz
Date of the Event:	17.09.2019
No. of Student Enrolled:	89
No. of Student Attended/ Benefited:	89
Resource Persons:	Ms. Sovia RJ Singh, Dean, Chitkara School of Language

Aim of the event:

- To enable the learner to communicate effectively and appropriately in real life situation.
- To use English effectively for study purpose across the curriculum.
- To develop interest in and appreciation of literature.
- To develop and integrate the use of the four language skills i.e. Reading, listening, speaking and writing.
- To revise and reinforce structure already learnt.

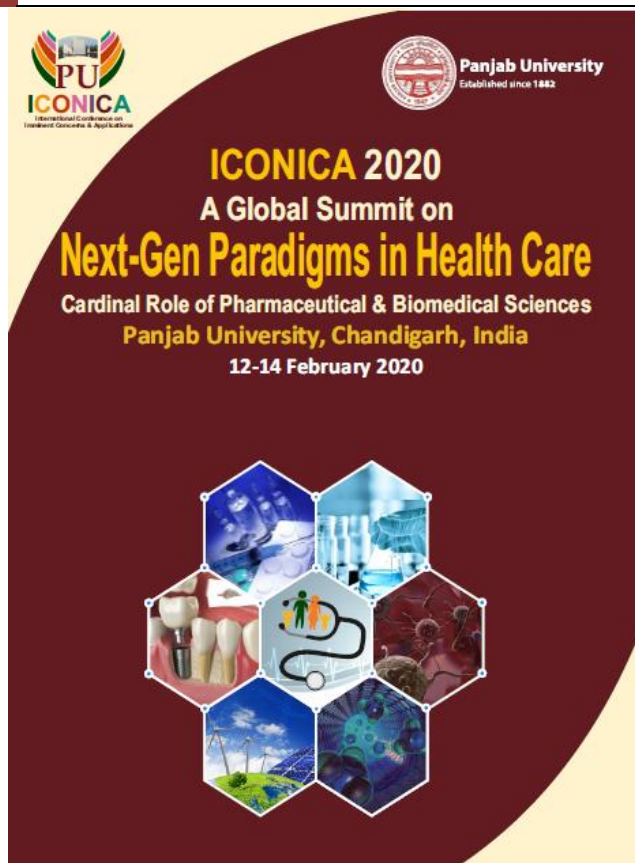


Students at Vocab Power Quiz

International Conference on Pharmaceutical Discovery & Development Trends-2020**CCP-UIPS-ICONICA Collaborative Sessions & Panel Discussion****On 12.02.2020 to 14.02.2020**

The aim of this global summit was to bring together the international community working in diverse domains of health, particularly, pharmaceutical, biomedical and dental and to provide a favorable ambience for presenting advancement and application in the domain, including cutting edge technologies like 3D-printing on organoids, dental implants and nano drug delivery, organ-on-a-chip using microfluidics and AI/biosensor-enabled theranostic/diagnostic tools and enlightens Quality Education, Industry innovation and infrastructure. The conference would bring together key speakers from across the world and hailing from various domains of health, especially, drug industry, medical & pharmaceutical practice, dental surgery, nutraceuticals, IPR, entrepreneurial ventures, regulatory affairs, academia and research. This conference offered an ideal opportunity to develop new collaboration and partnership with experts in the field. The conference events encompassed plenary, keynote and invited talk, company exhibit, paper presentation and poster session.

Dr Umesh Banakar, Professor & Consultant: Trends in Global Drug Discovery IPRs. Dr Ali Asghar, Prof, Dubai College of Pharmacy, Dubai: Nanoformulations: Commercialized products & Success Stories. Dr Martin Hegner, Principal Investigator, Nano Biophysics, University of Dublin: Adaptive nano biosensors and nanobiomaterials: Trends. Dr Dinesh Jaiswal, Consultant, Pharma Technology, IPR; Pharma Technology Trends, Dr Raja Johnson , Principal Investigator, Stem Cell Regenerative medicines: Cardiac Stem Cell regenerative Therapies: Trends, Dr Prasanna Krishnamurthi, Associate Professor, Biomed Engr, University of Alabama: Cardiac Regenerative Therapies were keynote speakers of the conference.



Glimpses of ICONICA 2020 conferences held at Chitkara College of Pharmacy, Chitkara University, and Punjab

WORLD LEPROSY ERADICATION DAY**30.01.2020****RADIO STATION CHITKARA UNIVERSITY**

On the occasion of World Leprosy Eradication Day 2020, 30th January 2020, Harnoor Kaur student of B. Pharm, member of **National Service Scheme, Chitkara University** deliver a radio talk to create awareness among the youth and the citizen of the country about the leprosy. She discussed about symptoms, causes, types and treatment of leprosy. She told that **Leprosy** is an infectious disease that causes severe, disfiguring skin sores and nerve damage in the arms, legs, and skin areas around your body. **Leprosy** has been around since ancient times. Outbreaks have affected people on every continent. But **leprosy**, also known as Hanson's disease, isn't that contagious. She aware the people to take the skin infections seriously and get them treat immediately.



NSS volunteer delivering talk on World Leprosy Eradication Day

6th Annual International Conference On**“Pharmacy Practice Clinical Research And Pharmacovigilance Trends”****on November 8th and 9th, 2019**

PPCRPV-2019 brought researchers, academicians and students from healthcare and Pharmaceutical sciences together to discuss on the identification and development of appropriate biomarkers in diagnosis, monitoring and prognosis of various diseases and to enlighten Quality Education, Industry innovation and infrastructure. Pharmacovigilance, defined by the World Health Organisation as ‘the science and activities relating to the detection, assessment, understanding and prevention of adverse effects or any other drug related problems’, plays a key role in defining the safety of modern healthcare practice. Pharmaceutical companies and regulators have access to a variety of post-marketing surveillance tools that allow for systematic monitoring of the benefits and risks of medicinal products throughout the life-cycle. With the same aim, Chitkara College of Pharmacy, Chitkara University, Punjab organized the international conference on **“6th annual international conference on “pharmacy practice clinical research and pharmacovigilance trends”** on November 8th and 9th, 2019 under the aegis of Chitkara Educational Trust, Chandigarh. This conference was a meeting place for leaders in the field to discuss the issues and challenges scientists and researchers face in all aspects of the Pharmacy Practice, Clinical Research and Pharmacovigilance. This conference discussed the latest research outcomes and clinical advancement in the field and brings together leading medical students, pharmaceutical scientists, clinicians/doctors, pharmaceutical cardiologists, senior instrumental professionals, directors and research associates from the Pharmaceutical industry and academia to share their views on critical aspects of Pharmaceutical research. The scientific sessions included oral and poster presentations to exchange ideas and expand network with leading pharmaceutical scientists and clinicians. The conference was supported by Amulya Herbs- Panchkula, Dr Reddy’s Laboratories Ltd., Excellion Innovations, Ocius Life Sciences, Cito Healthcare, Clinsync CRO. We sincerely acknowledged the efforts of the organizing team and student volunteers for successfully organizing and coordinating the assigned activities of the conference. Dr Suresh Atilli, Director, Clinsync CRO, Hyderabad, Dr Kishore Gana (GMU, Dubai), Dr. kamal Kishore PGIMER, Chandigarh, Dr Sumit Verma (Sr Vice President, Soterius Pharmacovigilance, New Delhi), Dr Vikrant Gill, Assistant Manager, Ely Lily, Dr. Monica Gulati, Dean, Lovely Professional University, Jalandhar, Dr. Nirmal Singh, Head, DPSDR, Punjabi University, Patiala Dr. Anil Kumar, UIPS, Panjab

University, Chandigarh, Dr. G.D. Gupta, Director, ISFCP, Moga Dr. R K Goel, DPSDR, Punjabi University, Patiala. Dr. Pawan Krishan, DPSDR, Punjabi University, Patiala. Daiichi Sankyo India. Dr. Dixon Thomas, Chair, Pharmacy Practice, Gulf Medical University, UAE, Dr. Richie Soong ,Professor, NUS, Cancer Science Institute of Singapore, Singapore, Dr. Pornsak Sriamornsak Asso Prof and Dean, Silpakorn University, Thailand were the eminent speakers for the event.



Glimpse of 6th annual international conference on “pharmacy practice clinical research and pharmacovigilance trends

MOCKTAIL MAKING WORKSHOP

3 MARCH 2020

Chitkara College of Hospitality Management organized a Mocktail Competition on 3 March 2020. The theme of the competition was “**Holi Miracles**” and also it was for the entire university where students from other departments also participated with their full enthusiasm. Mr. Jitender Sharma (Restaurant Manager, Taj Hotel Chandigarh) was there to judge the competition. Mr. Jitender has 10 years of experience in the hospitality industry with brands like Oberoi hotels, Taj hotels, Marriott hotels, The Hilton groups etc. He judged all the mock tails made by the students and also delivered an inspiring lecture on “The Latest trends on the mock tails” which was highly appreciated by all the students also discussed his field experiences which motivated the students to strive for their future career.





Colorful joy of
MOCKTAILS



Explore Your Potential



Colorful joy of
MOCKTAILS



Explore Your Potential

Glimpse of Mocktail workshop

AMRITSARI FISH TIKKA**24TH APRIL 2020**

Chef Anuj Wadhawan conducted an online session in which almost 125 students participated. Chef took a session on fish and explained about types of fish, and their related accomplishments. He demonstrated how to cut the fillet of the whole fish and marinated grilled fish with lemon and butter sauce. He also focused on the factors affecting a customer's purchasing decision for fish.



FOOD COST CONTROL**1 MAY 2020**

Chitkara College of Hospitality management organized “Food cost control” on 1 May 2020 by Chef Sanjeev Verma in the webinar; he discussed how we can control the cost of food without affecting the quality. He also focused on various strategies and methods which are prevalent in the industry and can be aligned even after post Covid conditions. Students find the session very interactive and informative.

The banner features the Chitkara University logo at the top center, consisting of a red square with a white stylized 'C' and 'U' inside, followed by the text 'CHITKARA UNIVERSITY'. Below this, a dark red horizontal band contains the text 'Session on Food Cost Control' in white. To the left, a circular portrait of Chef Sanjeev Verma is shown, with text identifying him as the workshop leader. To the right of the portrait is the logo for CHEFS Association of Five Rivers, which includes the text 'CHEFS ASSOCIATION OF FIVE RIVERS' and 'connect-unite-learn'. Further right, the date and time '1st May, 2020 11am' are displayed. At the bottom right, a dark red box contains the text '2nd May, 2020 Entrepreneurship (Do's & Dont's)'.

Workshop by
Chef SANJIV VERMA
Vice President
Chefs Association of Five Rivers

CHITKARA UNIVERSITY

Session
on
Food Cost Control

CHEFS
ASSOCIATION OF
FIVE RIVERS
connect-unite-learn

**1st May,
2020
11am**

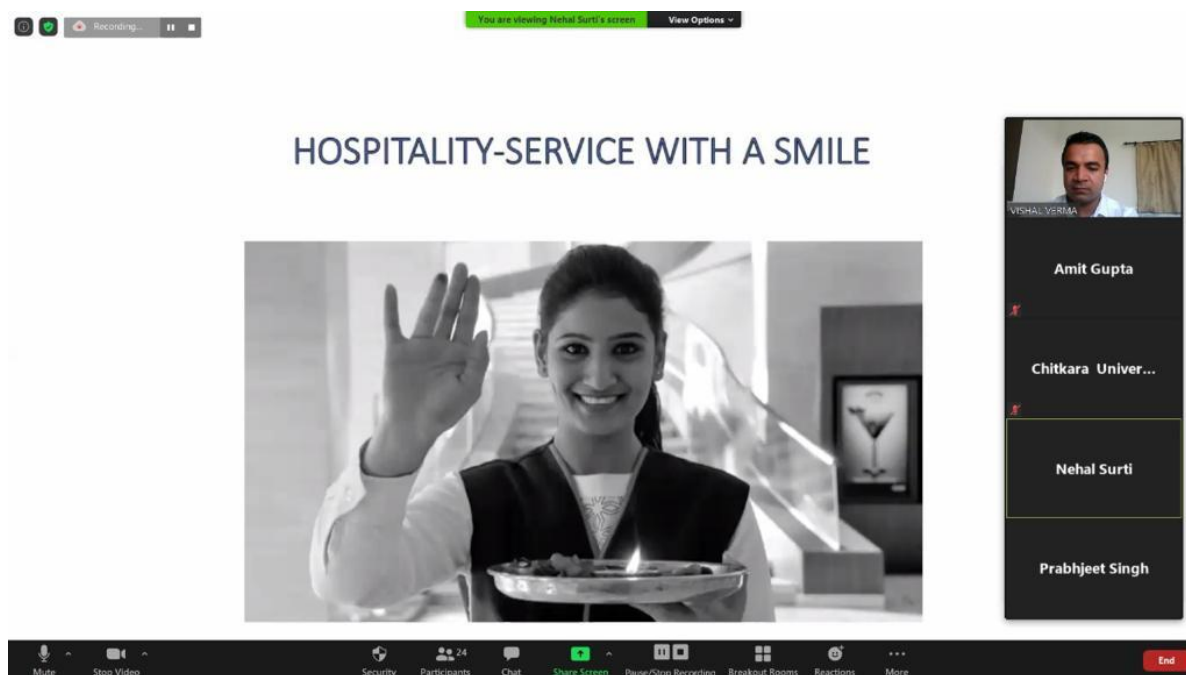
2nd May, 2020 Entrepreneurship
(Do's & Dont's)

WEBINAR ON BAR OPERATIONS

03.06.2020

Chitkara College of Hospitality Management organized an online session for the students currently enrolled with college about Bar operations. Ms. Xenia Lam (Food and Beverage Manager, Taj Fort Aguada & Spa, Goa), shared her insights about hotel policies and new normal after COVID-19. She shared her experience and learning's while working with TAJ group. Students enjoyed the session and reap the benefits of her experience.

RESOURCE PERSON: Ms. Xenia Lam, Food and Beverage Manager, Taj Fort Aguada & Spa, Goa



Mr. Vishal Verma mediating the session.



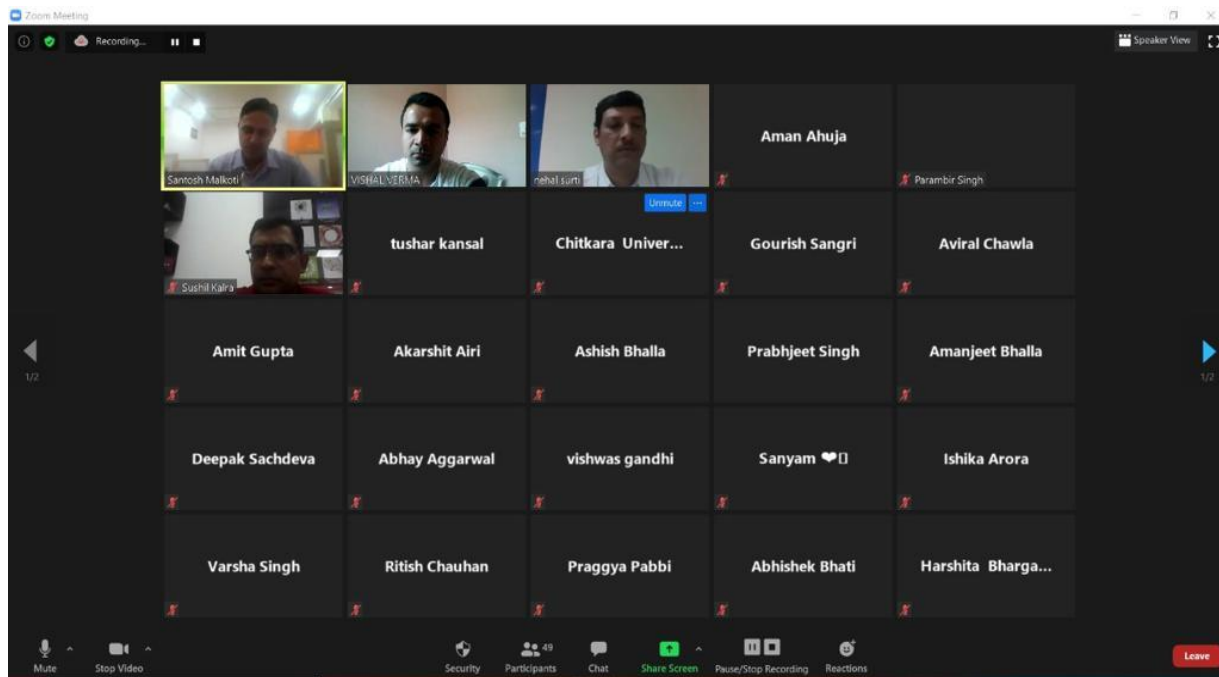
Ms. Xenia Lam answering questions of the students, after the session.

WEBINAR ON Fire Safety

04.06.2020

Safety have always been first priority of the hotel industry. To make students of Chitkara College of Hospitality Management aware about the safety measures to be taken suring the emergency situation of fire, Mr.Savio D Mello (Security manager of Taj Fort Aguada& Spa, Goa) intracted with students virtually and explained them about the safety measures taken by TAJ group to make the property safe for the guest and employees.

RESOURCE PERSON: Mr. Savio D Mello, Security manager of Taj Fort Aguada& Spa, Goa



Screen shot of the session

WEBINAR ON LAUNDRY OPERATIONS

06.06.2020

Chitkara College of Hospitality Management organized an online session for the students, giving them information about laundry Operations by Mr. Vijay Joshi (Executive Housekeeper - Taj fort Aguada& spa, Goa). During the session, students asked questions about laundry procedure and housekeeping standards followed in hotels. Mr.Vijay, explained in detail about every query of the students and shared his personal experiences during operations.

RESOURCE PERSON: Mr. Vijay Joshi, Executive Housekeeper - Taj fort Aguada& spa, Goa



Screenshot of session during presentation by Mr. Joshi

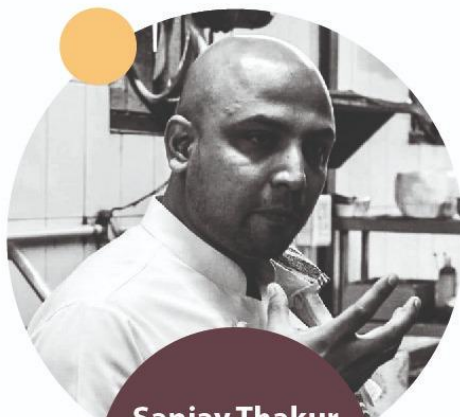
Building up a dish - Pan Seared Salmon

22.06.2020

RESOURCE PERSON: Chef Sanjay Thakur, VP, Young Chefs Association and Executive
Chef Etihad Airways



Master Classes



Sanjay Thakur
Chef / Consultant
Vice President,
Young Chefs Association
of India

Master Class 1:
22nd June

Master Class 2:
24th June

Explore Your Potential

11:00 AM

For Hospitality Students

FDP -Report
Teachers Tool Box
Chitkara International School

Chitkara University Language Centre conducted five days FDP on “Teachers Tool Box” from 27th May – 31st May 2019 at Chitkara International School, Sector 22 Chandigarh. The fundamental idea of the workshop was to introduce new methods of lesson presentation while aiming to bring a novelty in teaching methodology. These methods will help a teacher plan his/ her lessons effectively. The sole aim was also to enable the faculty to make their classes interesting and interactive. The faculty members who attended the workshop took an active part in making the presentations in accordance with their respective departments. It was quite an educative and an interesting workshop.

Around 77 faculty members participated with great zeal and passion. They learned different aspects of innovative methods of teaching: Instructional, Elicitation, Context Setting, Error Correction, Modeling, Weaving, Feedback etc.

Schedule: 27th May – 31st May 2019

Department – Chitkara University Language Centre

FDP Name – Teacher Tool Box

Resource Person: Ms. Aarti Joshi, Ms. Mandeep Kaur, Ms Manisha Sobti, Ms Apoorva Mehrotra, Ms Amandeep Anand, Ms. Vandana Sawani

Main Highlights:

- Active participation by the participants and showcasing excellent examples of lessons.
- Interactive session helped participants to discuss and share their experiences in classes of different age groups.
- Participants explored the key ingredients of an effective lesson for active learning

Learning Outcomes:

- Developed the proficiency for planning and organizing teaching and instructional activities.
- Developed the skills to perform a task independently.
- Determined and used the teaching strategies effectively.
- Trained the persons for using different approaches of teaching.





**Certificate online Training program in Medical Writing and Pharmacovigilance - CU
TURACOZ Collaboration**

Date: 05-09-2019 – 09-09-2019

Chitkara College of Pharmacy, Chitkara University in collaboration with TuracoZ has successfully organized a certificate medical writing from 05-09-2019 to 09-09-2019.

Objectives: The primary objective of the certificate medical writing was to elaborate in students the various forms medical and scientific writing. The students were made understand about the ethical consideration in clinical research process and the various operations in pharmacovigilance and drug safety. Through and detailed information to the participants was provided regarding the preparation of various documents in PV industry and to enlighten about the Quality Education, Industry innovation and infrastructure, Partnerships for the Goals.

Outcomes: Total 12 students from Chitkara College of Pharmacy attended CU-TuracoZ has medical writing from 05-09-2019 to 09-09-2019. Thorough understanding of the basics of clinical research process was made to the participants. The participants were told about the importance of preparation of clear and concise draft that adhere to the relevant guidelines. Various sessions on pharmacovigilance and drug safety were very informative and participants felt very enthusiastic and confident after attending those sessions. The participants were awarded with certificates on successful completion of the medical writing certificate course.



**Gimpse of Training program in Medical Writing and Pharmacovigilance - CU
TURACOZ Collaboration**

A Hands on workshop on**GLP-III (Analytical Procedures and Methods Validation for Laboratory chemicals)****On 2.7.2019 to 6.7.2019**

on theme “GLP-III (Analytical Procedures and Methods Validation for Laboratory chemicals)” was organized at Chitkara College of Pharmacy (CCP), Chitkara University, Punjab on 2.7.2019 to 6.7.2019. 20 non -teaching staff members from CCP were a part of the elucidative program. The workshop was aimed on taking a stride towards enabling the working staff to understand various aspects of GLP requirements. It includes the design of laboratories, testing facility, working protocol and SOP for instruments, validation and record keeping etc. Various **objective** of this workshop were-

- Qualification of test facility management and personnel
- Standard operating procedures
- Quality assurance program
- Qualification of facilities (e.g., Bioanalytical/analytical testing facilities)
- Qualification and validation of apparatus (equipment, computers, or computerized systems), materials, and reagents
- Test systems, and test and reference items
- Performance of the study and reporting of study results
- Storage and retention of records and materials
- Documentation and maintenance of records

Contents of the workshop were:

- Objectives and concepts of GLP's
- Special organizational requirements and Responsibilities: Management, Study director, QA, analysts
- SOP requirements: type, formats and enforcement
- To conduct GLP studies, preparation, documentation
- FDA and International GLP regulations: 21 CFR Part 58, OECD
- Key requirements for equipment, facilities reference material, people
- Records keeping: format, length of time, archiving and reprocessing

Various take aways of workshop:

- Delegate the defined responsibilities for sponsor management, for quality assurance personnel.
- Written standard operating procedures (SOPs) need to be followed.
- Appropriately designed laboratories with right construction/facility so as to ensure the integrity of a study, for example, to avoid cross contamination during implementation and processes.
- Good quality instruments and they should be calibrated and well maintained.
- Trained, qualified personnel for specific job.
- Raw data and other data should be acquired, processed, and archived to ensure integrity of data.

It was initiated with the traditional lamp lighting ceremony to invoke the blessings of Goddess Saraswati, by the distinguished personalities and Director of Chitkara College of Pharmacy, Dr. Sandeep Arora.

Various renowned speakers from academics institutions, Dr. R.K Narang, Professor, ISF College of Pharmacy, Moga, Punjab; Dr. Gulshan Bansal, Punjabi University, Patiala, Dr. Tarun Singh, MMU College of Pharmacy, Ambala discussed various dimensions under GLP, validation of instruments, record keeping, various key responsibilities of specified personnel, various guidelines, preparation for FDA inspections, design of laboratories for integrated studies etc.



Expert Dr. Tarun Singh from Mullana University, Ambala with Dean Chitkara College of Pharmacy Dr. Sandeep Arora

Name of the Event: 58th National Pharmacy Week (NPW)-2019

PHARMA FEST

on

Date: 17.11.2019 to 23.11.2019

Chitkara College of Pharmacy organized 58th National Pharmacy Week on 17.11.2019 to 23.11.2019. As instructed by Indian Pharmacy Association, the theme of this year was “Pharmacist: Your Medication Counsellor” where more than 150 students participated in various competitive activities like Expression on the theme, Quiz competition, Pharma games, Poster competition on the theme.. The major focus of NPW celebration is to create awareness amongst the budding students and the health care providers about the pharmacy profession and the overall role of the pharmacist. Another objective is to encourage scientific information swap between researchers, pharmacists, students, and practitioners working across the country.

The celebration included varied range of co-curricular and technical competitions followed by prize distribution ceremony.



Lamp lightening by guest of honors during 58th National Pharmacy Week (NPW)-2019

Expert talk on**"Noise: Sources, Monitoring, Control and Standards and Guidelines for the Safe Noise Limits"****(December 14, 2019)**

An Expert talk on "Noise: Sources, Monitoring, Control and Standards and Guidelines for the Safe Noise Limits" organized by Department of Applied Sciences on 14th December, 2019. Around 50 faculty members from various departments participated and were involved actively throughout the session.

Resource Person: Dr. Mahavir Singh, Sr. Principal Scientist and Head of department: Ultrasonics & Vibration (AUV) Section, National Physical Laboratory (NPL), New Delhi.

The talk was majorly focused on noise sources, monitoring, control, standards and guidelines for safe noise limits. Some safe noise limits to provide acoustic comforts were discussed. Another phase of talk was to shed light on the research facilities in various fields like Nano fabrication, Thin films, Silicon solar cell fabrication, Efficiency measurement of organic solar cells, Mechanical, Thermal, Electrical, Optical and Spectroscopy available in National Physical Laboratory (NPL) and their outreach.



Dr. Mahavir Singh presenting the talk and honored by Dr. S.C. Sharma (Registrar), Chitkara University, Punjab

Expert Talk on**“Introduction to Fuzzy Logic and its Applications”****(17th December, 2019)**

An Expert Talk on “Introduction to Fuzzy Logic and its Applications” organized by Department of Applied Sciences on 17th December, 2020 to celebrate National Mathematics Day. In this expert talk, in total 26 candidates were benefitted. The expert explained the basic concepts of fuzzy logic, the origin of fuzzy, why need of fuzzy and how we are living with fuzzy calculations. It was an interactive talk and expert gave many real-life examples to make more understand the concepts of fuzzy logic. Also, many applications of fuzzy logic were explained by the expert.

Resource Person: Expert Talk was delivered by Dr Deepika Rani, Assistant Professor in Department of Mathematics of Dr. B. R. Ambedkar National Institute of Technology, Jalandhar, Punjab.



Participants attending the FDP with Dr. Deepika Rani as the resource person



Dr. Mohit Kumar Kakkar and Dr. Reetu Malhotra felicitating the resource person

**Five day National Workshop on
"ART OF WRITING - A Permeable for Thesis & Research
Paper (AWTRP 19)"**

(December 18th 22nd, 2019)

Five-day National Workshop on "ART OF WRITING - A Permeable for Thesis & Research Paper (AWTRP-19)" organized by Dr. Mohit Kumar Kakkar, Dr. Jasdev Bhatti, Dr. Reetu Malhotra and Dr. Arun Upmanyu, Department of Applied Sciences from 18th – 22nd December, 2019. Around 40 faculty members and research scholars from various national universities participated in the workshop.

Resource Persons:

- Dr. Harsh Kumar, Dr. B.R. Ambedkar National Institute of Technology, Jalandhar, Punjab.
- Mr. Jaswinder Singh, Chitkara University, Punjab.
- Dr. Tania Bose, Chitkara University, Punjab.
- Dr. Akashdeep Singh, CSIR-CSIO, Chandigarh.
- Dr. Deepika Jhamb, Chitkara University, Punjab
- Dr. Sushil Kumar, Chitkara University, Punjab
- Dr. Parveen Kumar, Dr. B.R. Ambedkar National Institute of Technology, Jalandhar, Punjab
- Dr. Pankaj Kumar, Chitkara University, Punjab
- Dr. Rajnish Sharma, Chitkara University, Punjab

Key Features of AWTRP-19

- ✓ *Endnote for reference formatting.*
- ✓ *Latex for tables and figures management*
- ✓ *Selection of right journal*
- ✓ *Focus on writing high quality introduction and discussion*
- ✓ *Removal of Plagiarism*



Inauguration ceremony and Dr. Harsh Kumar presenting their talk



Mr. Jaswinder Singh and Dr. Tania Bose having an interaction with the participants



Dr. Parveen Malik and Dr. Sushil Kumar presenting their views on writing an effective research article



Workshop CD was released in the valedictory ceremony on the last day of the workshop

UX Reactor Workshop

Date: 17th October 2019

Resource Person: Raj Gopal Prasad Kantamneni

Organized by: Department of Gaming & Interactive Design

Number of Participants: 73

Course Highlights: The Workshop was for the Design students who are interested in service design. Students selected the core services in university campus. The main goal of the workshop was to male students understand the value of customer experience.

Event Poster:



Effective Usage of EBSCOhost Platform

Date: 19 May 2020

Resource Person:

Mr. Ritesh Kumar, IEEE, Client Services, EBSCO,

No. of participants: 75

Doctoral Research Centre, Chitkara Business School, Chitkara University has organized an online workshop on Effective Usage of EBSCOhost Platform in collaboration with Central Library Chitkara University, Punjab, India. EBSCOhost provides multidisciplinary and subject-specific databases. It is considered as one of the leading academic databases which provide access to quality journals and ebooks. Mainly, the PhD students and early-stage faculty members face the difficulties in identifying and short-listing the relevant literature for their research. This generally results in the wrong conceptualization and measurement which leads toward the poor research outputs.

This workshop aimed at providing the detailed practical knowledge about the usage of EBSCO database in terms of the placement of keywords, use of different inclusion and exclusion criteria, short-listing relevant articles, and downloading and analyzing bibliometric information. This workshop was attended by 75 participants.

CHITKARA UNIVERSITY

EBSCO
Information Services

Workshop on
Effective Usage of EBSCOhost Platform (Manage your Researches with - Business Source Elite) – An Online WebEx Training session
Organized by
Doctoral Research Centre & Central Library, Chitkara University
Punjab, India

Date - Tuesday, 19th May 2020
Timings - 02:00 PM to 04:00 PM
Venue: Online WebEx

Technical Talk:
Effective Usage of EBSCOhost Platform with Business Source Elite collection

Speaker:
Ritesh Kumar,
IEEE Client Services
EBSCO Information Services

Convener:
Doctoral Research Centre,
Central Library
Chitkara University Punjab

Coordinators:
Dr. Deepika Jhamb
Mr. Jaswinder Singh

You are invited to learn more about:

- How to access the collections
- Basic and advanced search strategies
- Navigating through search results and printing/emailing/saving/exporting articles
- How to find all Videos
- How to find Company Profiles
- How to find Case Study
- Index and Thesaurus searching
- Keeping up to date using alerts
- Creating/ Managing/ sharing the personal folders.
- Questions and Feedback

Link: <https://ebSCO-india.webex.com/ebSCO-india?URL=ehb2MTI1-1t011E20h92ae57a65d15c81B5d72e9e>

Workshop on how to write a research paper

Date: 6-7 April 2020

Resource Person:

Dr. Pawan Kumar Chand, Associate Professor, Doctoral Research Centre, Chitkara Business School, Chitkara University

No. of participants: 27

Doctoral Research Centre, Chitkara Business School, Chitkara University has organized an online workshop on how to write a research paper in collaboration with Chitkara

University Language Centre from 6 to 7 April 2020. Indeed, writing a research paper is a difficult task. How to write scientifically and systematically all are important issues to understand for a researcher. Most of the scholars and researchers do great works during their research but when the question comes to write a paper on their research, and then they fail to do so. This is because of lack of information, understanding the procedure, process, lack of knowledge and proper guidance. The present workshop aimed at uncovering the basic structure for writing a good research paper and offer deep insights on types of Research-Quantitative, Qualitative and Mixed, the difference among concepts, variables, theories and their significance with examples, research process, and formats for Review, survey and empirical paper.

Expert Talk on
“Role of AR/VR in Science Education”

(January 10, 2020)

An expert talk on 'Role of AR/VR in Science Education' was organised by the Department of Applied Sciences at Chitkara University for first year Computer science students. The Expert talk was held in Pulitzer hall on 10th January 2020. About 60 students participated in expert talk. Dr. Mohit Kakkar, Assistant Dean Applied Sciences welcomed all participants and resource person for expert talk. Dr. Reetu Malhotra and Dr. Pooja Mahajan felicitated Mr Pk Parthasarathy with trophy.

Resource Person: Mr Pk Parthasarathy, Dean, Department of Gaming and Design, Chitkara University, Punjab. He shared his enlightening experiences about an Augmented Reality (AR) mobile apps through which students will direct their smart phone cameras at images in their books and virtual objects will appear on smart phone screens.



Mr Pk Parthasarathy interacting with students during his talk



Dr. Reetu Malhotra and Dr. Pooja Mahajan Felicitate Mr Pk Parthasarathy

National Hands-on Workshop on Characterization Techniques and Nanomaterials Applications (20th-25th January, 2020)

National Hands-on Workshop on Characterization Techniques and Nanomaterials Applications organised by Department of Applied Sciences, CUIET was held at Chitkara University, Punjab from 20th-25th January, 2020. In total 50 participants were benefitted from this workshop

Day 1: The day begun with the inaugural ceremony in the presence of various dignitaries and the registered candidates. Dr. Deepa Ghosh (Scientist-F, Prof., Institute of Nanoscience and Technology, Mohali) delivered a lecture on “Overview on Nanoparticles and Nanotechnology” and an interactive discussion was held with the participants. Post lunch session was followed by Dr. Karamjit Singh (Assistant Prof., Punjabi University, Patiala) and he shared his expertise on “Photocatalytic and Sensing Applications of Semiconductor Nanostructures”.

Day 2: Second day of the workshop witnessed an expert talk by Dr. I.S. Sandhu (Prof., Chitkara University, Punjab) on “Nanotechnology: Concept to Product” and further Dr. Anshuman Sahai (Assistant Prof., Manav Rachna University, Faridabad) took the charge for hands-on session on Origin 8.0 software.

Day 3: The workshop begun with the Hands-on session on Corel Software by Dr. Sanjeev Kumar (Assistant Prof., Panjab University, Chandigarh) followed by talk on XRD and XRF analysis.

Day 4: Dr. Sanjeev shared his expertise by a practice session on Rietveld Software and this further continued a session on Latex Software by Dr. Tania Bose (Associate Prof., Chitkara University, Punjab).

Day 5: Dr. Puneet Sharma (Prof., Thapar Institute of Engineering and Technology, Patiala) started the fifth day of the workshop by delivering a lecture on “Exchange Coupled Nanocomposite ferrite Magnets: Processing, Properties and Applications”. The participants also got a chance to visit the instrumentation labs of the university to actually understand the operating units. The last session of the day was held by Dr. Shivani Malhotra (Dean, Prof., Chitkara University, Punjab) on X’Pert High Score Software.

Day 6: The last day of the workshop begun with an expert talk by Chef Didar Singh (Chef, Chitkara University, Punjab) and finally concluded with a valedictory ceremony.



Inaugral Ceremony of the workshop



Dr. Anshuman Sahai during Session on Origin Software



Dr. Sanjeev taking the session on XRD and XRF analysis



Visit of the participants to the Instrumental Lab

FIVE DAYS NATIONAL WORKSHOP on
“INNOVATIVE TECHNIQUES OF
CHARACTERIZATION, OPTIMIZATION & DATA ANALYSIS

The Department of Applied Sciences, CUIET has organized a **Five Days National Workshop Webinar “On Innovative Techniques of Characterization, Optimization & Data Analysis (ITCOD)”** on July 8-12, 2019. The department is an inseparable part of a vibrant and dynamic university which guides and gives the faculty members the whole hearted support to nurture engineering students through their academic journey. The department is committed towards imparting high quality education in pure and applied areas of sciences and train students to become competent and motivated engineers.

Resource Person: Experienced personalities Prof J.K.Goswamy, UIET, PU, Chandigarh delivered invited talks. Dr Abhishek, NIT, Hamirpur, Dr Sanjeev, Punjab University, Chandigarh, Dr Amanpreet, Punjabi University, Patiala, Dr Tania Bose, Chitkara University, Punjab gave wonderful sessions and Hands-on experience to the participants

Core Content: The workshop based on Characterization, Optimization and Data Analysis is intended for the participants who aspire

- Applications of Statistical Tools
- To write a paper in Latex Software.
- Data analysis using SPSS software.
- Evaluation of XRD data by Rietveld Refinement
- To optimize a solution relative to a set of prioritized criteria or constraints.

Participants from various institutes attend the workshop. The workshop provides training and experience in important areas of current research to prepare students for academic and research positions in academia and industry. The participants learnt and have an exposure to hands-on experience for the same.



Honoring the Resource person on Valedictory of “ITCOD”



Photo of Participants from Different Institutes taking Part in “ITCOD”



Photo of Resource Person during Delivering of Session in ITCOD

Date:- 23.08.2019

Industrial Visit to Mahindra Swraj

Chitkara College of Applied Engineering organized an industrial visit to Mahindra Swraj Chaparchidi, Mohali for B.Tech Mechanical/Civil 1st Sem (Batch-2019). The visit was very informative for the students as they were thoroughly made aware of the tractor's working process and manufacturing process. The students also gained thorough knowledge about the components of tractor.

Over the course of the tour, the students displayed a great deal of excitement to understand and record the whole process through notes. This allowed students to connect the theoretical aspects of agricultural tractors to practical aspects that had been helped to bridge the gap between theory and practice. The visit was therefore highly knowledgeable.



Expert Talk on “Student Entrepreneurship”

(30th January 2020)

Department of Applied Sciences, Chitkara University, Punjab in collaboration with ISTE (Indian Society for Technical Education) organized expert talk on “Student Entrepreneurship” on Jan 30, 2020. The objective of the talk was to explore business opportunities to the students of engineering by bringing together the ideas of real life entrepreneur and information for becoming an entrepreneur as an alternative career option and also to highlight the merits of pursuing such an option. In this event, 180 participants were present. He also introduced the different aspects of entrepreneurship and emphasized that zeal and great idea are the only ingredients in a recipe for business startup. He mentioned that the reason that people do not start their new ventures in a country like India is due to non-awareness amongst the population of India and decides to go for jobs in private or government sectors so as to minimize the risk. Therefore, he emphasized to raise the basic awareness of entrepreneurial concepts and to enable students to identify and learn how to make a mind-set to take up entrepreneurship as a challenging career. He also inspired the students to value the presence of parents as well gurus in their lives. He focused on spirituality and religious approaches in life. He explained in detail about the various attributes of successful entrepreneurs such as drive, communication skills and technical skills. He also highlighted Pay TM owner Mr. Vijay Shekhar Sharma’s journey towards becoming a successful entrepreneur. The lecture motivated the students to work hard and start a new venture through adequate forward planning and the execution of the plans.

Resource Person: Dr. Suresh Chand Jain, Former Dean & Chairman, Department of Chemical Engineering, Punjab University, Chandigarh



INDUSTRIAL VISIT IN 220KV SUB-STATION

Chitkara college of applied engineering organized a industrial visit in 220 Kv sub-station in banur on dated 29-aug-2019 for B.E electrical 5th semester, Diploma electrical 3rd semester as well as Diploma electrical 5th semester students. This visit was organized as these students was studied transmission and Distribution system in power system which need practical demonstration of complete transmission components and distribution system leads by HT and LT panel. At the starting of visit, students were divided into two groups: first group lead by Mr. Atul gilhotra starts from HT line and Second group lea by Ms. Gagandeep Kaur starts from LT panels. Both the groups were under taken care of JE and linemen of PSPCL 220KV sub-station Banur.

While visiting the sub-station, students learnt about different components of power system like CT, PT, isolator, SF₆ circuit breaker, Transformer, earthing, bus coupler, Wave trap and their working principle with ratings. After completing the visit, questioning session was organized by junior engineer Ms. Priyanka sainsi, which solved quires of students.



Industry visit of B Tech 1st Year students to Kandhari Beverages Pvt Ltd. & Mahindra & Mahindra Ltd



All the B Tech 1st Year students were taken to Mahindra & Mahindra Ltd. & Kandhari Beverages Pvt. Ltd. for industrial visit during the orientation program. All the students first visited various wings of the companies. Thereafter, the students got an opportunity to talk with senior officials of the companies. The industrial visit was an eye opener for the youngsters. They all were thrilled & full of joy after the visit. The feedback from the students was excellent. It was the first industrial visit for most of the students. When enquired that which company the students rate high & why then they ranked Mahindra & Mahindra Ltd. on top. Reason was that it was more systematic & professional. Students appreciated the visit a lot.

Five days Live Online Workshop on MATLAB: An Introduction with Applications

(14th April, 2020 to 18th April,2020)

Department of Applied Sciences conducted and organised five days Live Online Workshop on MATLAB: An Introduction with Applications from 14th April, 2020 to 18th April, 2020 to utilize this lockdown period. A total of 85 participants including students and faculty from various schools of Chitkara University participated in this live workshop.

About the workshop: MATLAB is a high-performance language for technical computing. It integrates computation, visualization, and programming in an easy-to-use environment where problems and solutions are expressed in familiar mathematical notation.

Resource Person: Dr. Tania Bose (Associate Professor, Department of Applied Sciences) very well explained the very basics of MATLAB, applications of MATLAB as calculator and focused on writing script files, technique of solving linear equations with the help of MATLAB. She took an example of electrical resistivity network to solve a linear system of equations. She focused on using script files and managing data using these files. As it is said, “A figure is better than 1000 words.” She beautifully explained the technique of creating two and three-dimensional plots using Cartesian coordinates and polar graphs. She also explained the conditional statements that are required for programming with MATLAB. Lastly, she explained the various applications of MATLAB in fitting curves using Least Square Method, calculating maximum and minimum of a function, solving algebraic equations. She also told how to differentiate and integrate functions which are the trouble areas for students.



Dr. Tania Bose conducting Five Days online Workshop on MATLAB: An Introduction with Applications



Participants attending the workshop with full enthusiasm

5 Days Workshop on "Hands-on Training on eQuest" for B.Tech – Mechanical Engineering 5th Semester by Dr. Prateek Srivastava

Five day workshop was conducted between 2-6- Sept2019 for B.Tech – Mechanical Engineering 5th Semester on heat load calculation and hands on training on eQuest. After release of National Building Code by government of India Building energy efficiency has become vital for nations development. Students were exposed to building head load calculation which is the foremost important step for designing HVAC system in building. Students were taught heat load calculation using E20 form with example calculation. In last two days students were taught Hands-on Training on eQuest, eQuest software is widely used in Industry for energy modeling of buildings for green building projects and to simulate energy aspects of buildings in energy efficiency projects. Students enjoyed the participation in the workshop.

Live Online FDP on LATEX: An Art of Writing Research Manuscript

(23rd April, 2020 to 26th April, 2020)

Department of Applied Sciences conducted and organized Live Online FDP on LATEX: An Art of Writing Research Manuscript from 23rd April, 2020 to 26th April, 2020. A total of 122 participants including students and faculty from various schools of Chitkara University and various other Universities participated in this live FDP.

About the Workshop: LATEX is an extremely powerful markup language for creating structured documents. It is the standard for communication and publication of scientific documents. It is particularly well suited for documents containing mathematics, but can be used for any other document. It is the standard writing tool for most research in the mathematical, physical and engineering sciences. Latex provides a facility for pdf output so that it is easy to share your research with other people who do not have LATEX installed.

Resource Person: Dr. Tania Bose (Associate Professor, Department of Applied Sciences) very well explained the basic document creation in LATEX and introduced to text formatting options available in LATEX. She explained about various text formatting options available in LATEX. Then she described the source code for generating figures and tables using LATEX. She also told about various mathematical typesetting techniques available with LATEX. Dr. Tania explained live about management of a research manuscript by focusing from title of the manuscript to the references. The participants were asked quick questions.



Dr. Tania Bose conducting Online FDP on LATEX: An Art of Writing Research Manuscript

WORKSHOP ON DOMESTIC, INDUSTRIAL AUTOMATION AND HVAC SYSTEM OF BUILDINGS

Chitkara college of applied engineering organized a 5 days hands on experience workshop on Domestic automation, Industrial Automation and HVAC system of buildings dated 02-06, Sept 2019 for B.E electrical 5th semester students under taken care of Mr. Atul Gilhotra. The workshop was organized to provide them hands on and make them ready for industry.

On day 1-2, students learnt about domestic wiring, wiring components, schematic diagram, wiring diagram and single line diagrams. After basic circuits, automation in domestic system was taught like timers, remote control switches. The day ended with 1 BHK and 2 BHK wiring.

On day 3-4, student learnt about Industrial wiring, circuits, relay, contactors, starters, traffic light control with control as well as power circuits.

On last day of workshop, students learnt basics of HVAC system of building which was taught by Dr. Rajeev K Sharma about basic refrigeration, window ac, Spilt AC and duct AC. Students also visited HVAC lab. The workshop ended with questionnaires session.





INDUSTRIAL VISIT TO VITA MILK PLANT-AMBALA

16th September, 2019

The students of B.Tech 5th, Diploma 3rd and 5th Semester Civil Engineering got an opportunity to visit VITA Milk Plant-Ambala, for an educational tour on 16th September, 2019. VITA plant in India was established in the year 1973 with its initial (average) daily supply of 20000-30000 litres per day which has increased to 1,20,000-1,30,000 litres per day.

The students were informed by the officials about the range of products manufactured by vita plant like curd, cheese, butter milk, plain butter and most importantly milk which is classified on the basis of fat content into standard milk, full cream milk, double toned milk and toned milk.

The process of milk manufacturing was also elucidated to the students. They were also informed about the separation of cream from milk, process of making curd and cheese.

The students also witnessed the waste water treatment tank at the site that is used to collect waste water. They were informed about the mixing of booster and neutralizer by means of an electric pump. Water from the tank is sent to UASB reactor for biodegradation. The effluent is then poured to primary and secondary aeration tank for aeration and then finally sent to filtration plant. The treated waste water is stored in underground tank and is used for farming and gardening. In the nutshell, the students had quite an interactive session with the officials.





Date:-08.11.2019

Industrial Visit to ISB, Mohali

Chitkara College of Applied Engineering organized an industrial visit for B.Tech – mechanical; Engineering 5th Semester (Batch-2017) at Indian Business School, Mohali on 8th November 2019. Mr. Atul Gilhotra along with 35 students visited the site.

The ISB campus at Mohali is an example of contemporary yet simple architecture entwined with the beauty of nature. Sprawling over 70 acres of area, the campus is self -sustainable with all the amenities and facilities for the students, faculty and the staff.

Apart from the architecture, the automation is a benefactor system to the institution. They are running on track with advancing technology as observed. We have access control system at entrance of every concealed room, such that only allowed members are given access to that room. Another we have, Building Management System (BMS) that provides a complete overview of the activities going around the area while sitting in a room. To monitor, control, command whole building's electrical circuitry, there is a Digital Data Control Room that is 24x7 operational.

The overall campus is developed in association with siemens running hand in hand with sustainable technology. The whole arena is automated thus reducing the manual workload and conserving time as well as resources along with increased security and safety.





ONLINE WEBINAR**ON****“NUMERICAL TECHNIQUES: AN INTRODUCTION WITH APPLICATIONS”****(July 9, 2020)**

The Department of Applied Sciences, CUIET has organized a **Online Webinar “Numerical Techniques: An Introduction with Applications”** on July 9, 2020.

Resource Person: Dr. Reetu Malhotra, Associate Professor, Chitkara University, Punjab. She has organized various events and gave expert talks. She has published research papers in various journals and conference proceedings.

Core Content:

Numerical analysis is the area of mathematics in all fields of engineering, natural sciences, physical sciences, life sciences, social sciences, medicine, business and even the arts that creates, analyzes, and implements algorithms for solving numerically the problems of continuous mathematics. Such problems originate generally from real-world applications of algebra, geometry, and calculus, and they involve variables which vary continuously. The major objective of this webinar is to provide an introduction to the numerical techniques which are at present in use.

The aim of the webinar was to present some recent developments in the area of numerical analysis, methods, and applications in engineering. Dr. Reetu explained various numerical techniques applied in many fields to handle various practical problems. She touched almost every aspect of numerical techniques, in order to make the session interactive. She expressed gratitude to Dr. Mohit Kakkar, Assistant Dean, and Department of Applied Sciences for encouraging and inspiring her for the webinar. She also expressed her gratitude to IT department for providing the smooth online platform.

Total number of registrations was 227.



Participants attending Webinar “Numerical Techniques: An Introduction With Applications”



Resource person delivering the webinar

**Two Days Workshop on “Basic of electrical engineering”
26th – 27th November 2019**

Introduction: -

We conducted a workshop dated 26th-27th November 2019 titled “Basic of electrical engineering”. It covered various aspects related to fundamentals, commercial uses, industrial specifications, applications, features, functions of various electrical components. We focused more on building fundamentals first followed by comprehensive hands-on practical exercises to understand the basic terms of electrical engineering.

This was the first workshop being conducted for the students of Diploma (Mechanical Engg.), 3rd Semester with the sole objective of enabling them to understand the electrical components which are used in elevator. We are running a course on Vertical Transportation in which there are a lot of electrical concepts. So, to create the interest of mechanical students in electrical field this workshop was organized. Students learned about various functioning of electrical components and how to use a multimeter.

Expert Detail:- Workshop was organized by Mr. Rickwinder Singh and delivered by Mr. Gautam Malik (Assistant Professor) and Ram Singh (Lab instructor).

Date, Venue and Timings: - 26th-27th 2019,

Machine Lab, Basement Floor, Tesla Block, CCAE.

09:00 A.M to 04:00 P.M.

Participant Details – Diploma (Mechanical Engineering), 3rd Semester.

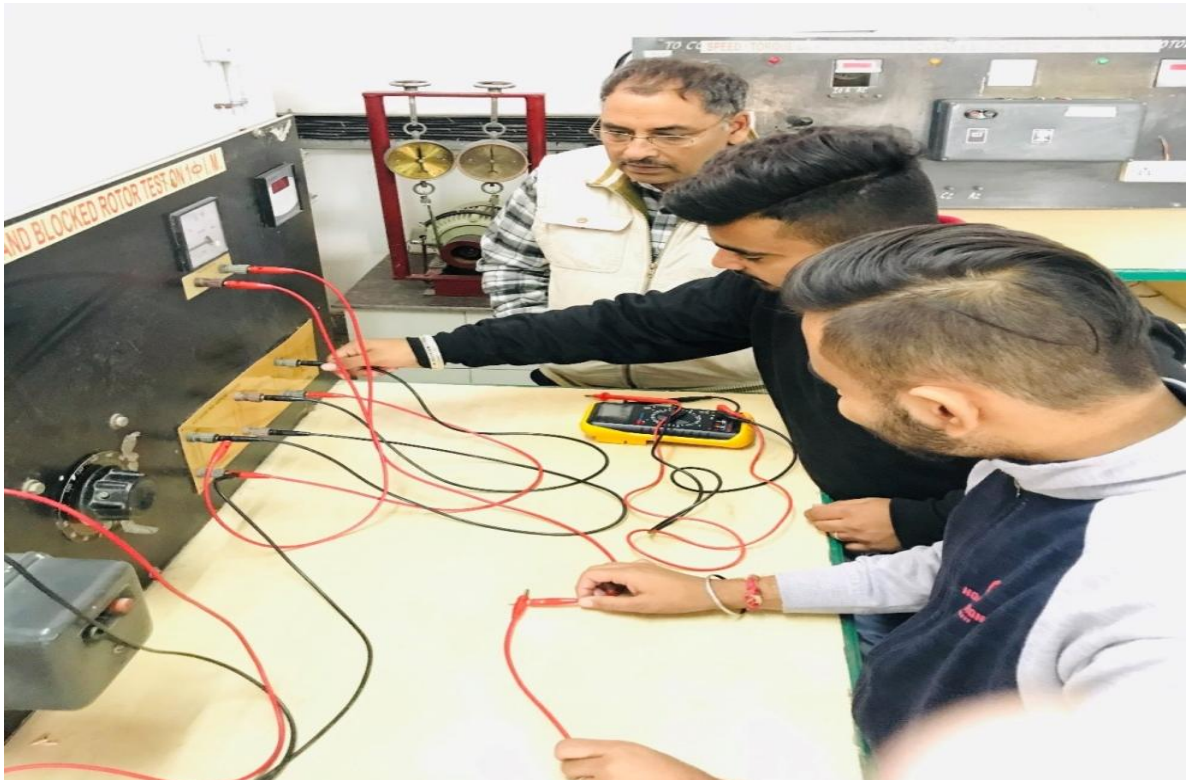
Outcome of Workshop

Participants learned about: -

1. To understand all the tools and equipment available in the Lab. (Safety Standards)
2. To understand the difference between series and parallel by connecting 3 lamps in series and parallel (Voltage division and current division rule)
3. Determination of voltage-current relationship in a dc circuit under specific physical conditions and verify ohm's law.
4. Verification of Kirchhoff's current and voltage laws applied to DC/AC circuits
5. To construct a circuit arrangement consisting of resistances in series, parallel combination
6. To understand the concept of voltage drops by increasing the length of wire and increasing the number of lamps.
7. To understand concept of single-phase energy meter and power.
8. To understand different types of loads i.e. resistance R, inductance L, and capacitance C.
9. To understand the difference between single phase and three phases by making connections of single-phase motor and three phase motor. (In proper color coding)

10. Study of fuse, MCB, RCCB, and MCCB.
11. The study of Relays and contactors
12. To study of different types of motors mainly (induction motor, permanent magnet synchronous motor).
13. To demonstrate the transformer and its types.
14. Switch board wiring and extension board.

Photographs





AQuest

10th January 2020

Chitkara University hosted semifinals of AQuest, a student competition organised by ISHRAE and Powered by HITACHI. 6 teams from North India and West India participated in this event. First position was bagged by L.D. College Ahmedabad, Our students Ajay & Mukesh from Applied Engineering, bagged the Second position.

The Grand Finale will be held on 19 February 2020 at ACREX India, New Delhi. Mr. Richie Mittal, National President, ISHRAE interacted and honoured our Chancellor Dr. Ashok K Chitkara and Vice-Chancellor Dr. Madhu Chitkara at Chitkara University. We're immensely proud to share that Chitkara College of Applied #Engineering (CCAIE) is offering India's first HVAC Engineering program in collaboration with ISHRAE and Mitsubishi Electric.

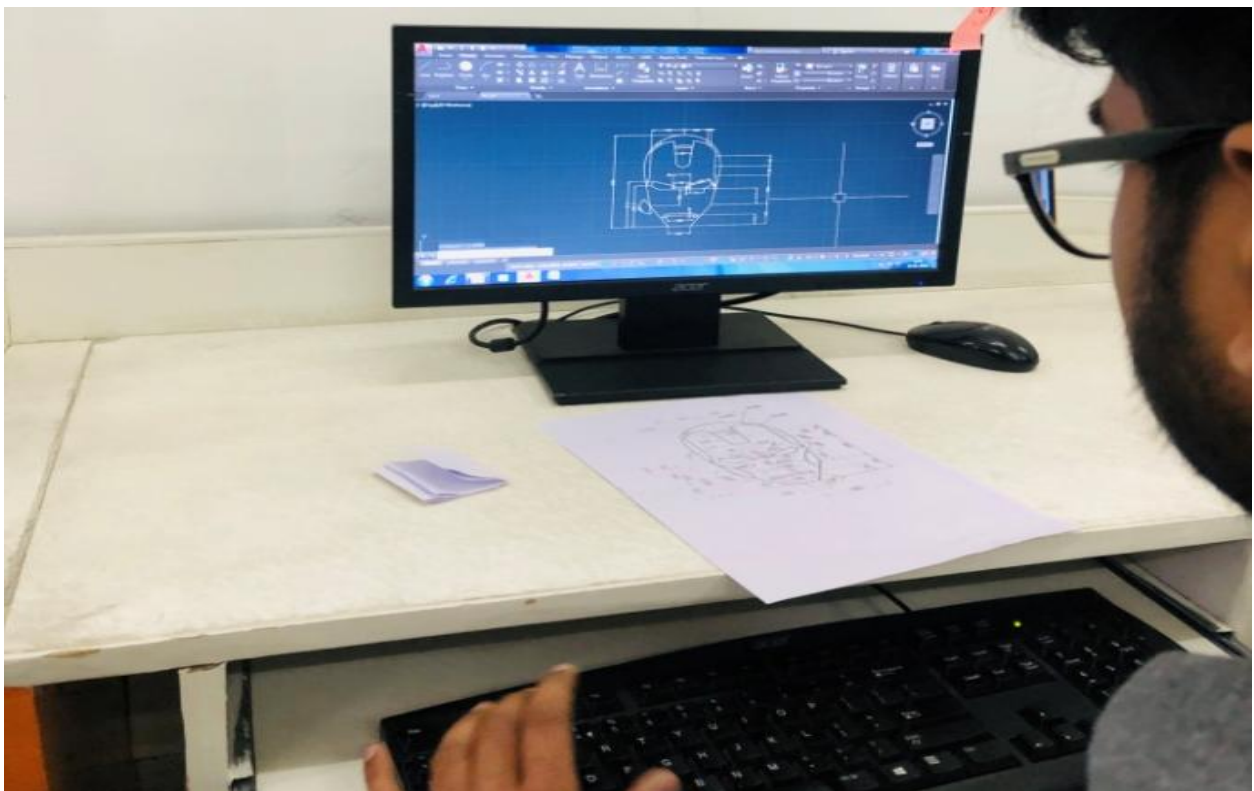




CADEase Competition based on Industry oriented AutoCAD**30-31 January 2020**

Department Chitkara College of Applied Engineering organized 2 days CADEase Competition based on 'Industry oriented AutoCAD' for the industrial exposure. Students of B.Tech/B.E: Mechanical, Civil & Electrical, Diploma: Mechanical, Automotive, Civil & Electrical, B. Architecture has been participated. The Competition is coordinated by Mr. Atul Gilhotra and Mr. Ankit Sharma, Assistant Professors at Chitkara University.





Date: - 03.02.2020

ICP Draughtsman Course

ICP Draughtsman course was organized by CCAE on 3rd-8th Feb, 2020 for BE 6th semester students. The workshop was conducted by ISHRAE team at Tesla Block Chitkara. This workshop aims on giving the hands on practice on the HVAC design using AutoCAD software and also providing the knowledge about understand the drawing layouts on the sheet. The workshop made students aware about how various operations take place in the software and how the designs are being interpreted from the sheet to software. The talk was then followed by the small test to check the ability of the students. Students attended the session with full zeal.





Two days workshop on Assembling and disassembling of two wheeler and four wheeler Engines.

7-8 February 2020

Chitkara college of Applied Engineering have successfully conducted two days workshop on Assembling and Desembling of two wheeler and four wheeler engines.

The workshop started on Feb 7, 2020 by the words of our respected Mr S.R. Dhanasekaran sir. Different branches of students took part in it which includes CSE, Electrical, Electronics and Civil Engineering. The workshop conducted by Mr. Gaurav Kalia, Assistant Professor and Mr. Rajesh Kumar, Automobile Instructor, CCAE.





Date:- 26.02.2020

Expert Talk on “Basics of Mathematics”

An expert talk on Basics of Mathematics was organized by CCAE on 26th Feb, 2020 for BE students. The very informative talk was delivered by Dr. Kashidas Chattopathyay, Professor, ME, Chitkara University where he discussed about the basic mathematic models and their implementation. He discussed about Wolfram Mathematica which is a modern technical computing system spanning most areas of technical computing — including neural networks, machine learning, image processing, geometry, data science, visualizations, and others. The system is used in many technical, scientific, engineering, mathematical, and computing fields. This talk inculcates the basic mathematical commands of Mathematica for the beginner users.. The talk was then followed by the interaction sessions with the students. Students attended the session with full zeal.



Chitkara School of Mass Communication

Event: Remove Communication Barriers

Date: 5th September 2019

Venue: Staff rooms

About the event: To inspire, motivate and guide students, Chitkara School of Mass Communication has organised a session called “Remove Communication Barriers” for the entire school on 5th September 2019.

As a part of this event, students from all the classes have met their assigned mentors for counselling sessions and to solve the personal as well as professional issues in their respective staff rooms. In this session, students have shared their day to day life issue related to hostel, transport, mess, food court and attendance etc. Students have willingly shared their experiences in one to one session. Almost all the students have participated in the session.

As mentoring is a special partnership between two people, students have got the issue solved from the assigned teacher. The timings for this session were 1:30 to 3:00 pm. These type of session are to improve quality education where teachers have given advice to all the students to stay accessible, committed, and engaged during the length of the program.

**TWO- DAYS LIVE ONLINE WEBINAR ON
“OPTIMIZATION TECHNIQUES: AN
INTRODUCTION WITH APPLICATIONS OF
MATLAB IN RESEARCH”**

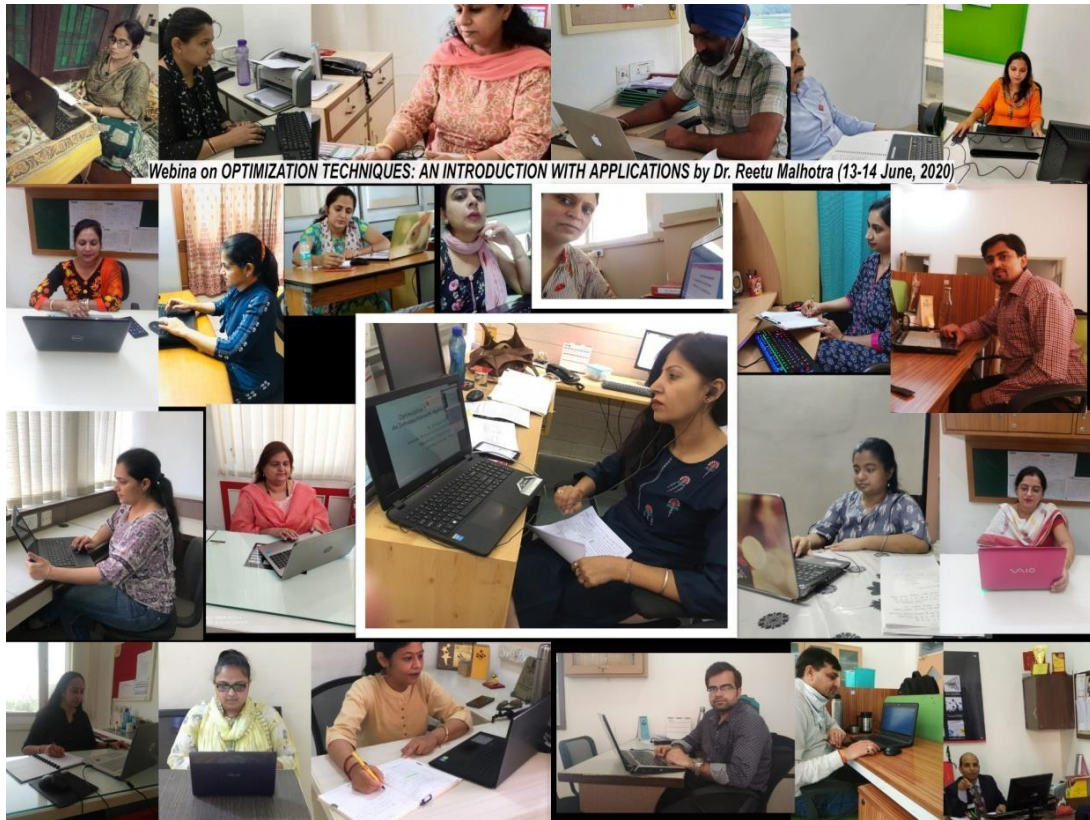
(June 12-13, 2020)

The Department of Applied Sciences, CUIET has organized a **Two- days Live Online Webinar “Optimization Techniques: An Introduction with Applications”** on June 12-13, 2020.

Resource Person: Dr. Reetu Malhotra, Associate Professor, Chitkara University, Punjab. She has organized various events and gave expert talks. She has published research papers in various journals and conference proceedings.

Core Content: The aim of the webinar was to present some recent developments in the area of optimization theory, methods, and applications in engineering. Started this webinar by introducing optimization techniques in layman’ terms, Dr. Reetu explained various optimization techniques applied in many fields to handle various practical problems. She touched almost every aspect of optimization techniques by giving examples in mathematics, engineering, economics, statistics and probability theory, behavioral, physical science, in order to make the session interactive.

She expressed gratitude to Dr. Mohit Kakkar, Assistant Dean, and Department of Applied Sciences for encouraging and inspiring her for the webinar. She also expressed her gratitude to IT department for providing the smooth online platform “Go To Webinar. Participants from various institutes attend the webinar. Total number of registrations was 402. The members from different institutes participated in this webinar and from the reviews and feedback of the participants, it has been concluded that webinar was a great success and participants want to conduct more such informative webinars with advanced level teachings.



Participants of Webinar “Optimization Techniques: An Introduction with Applications”

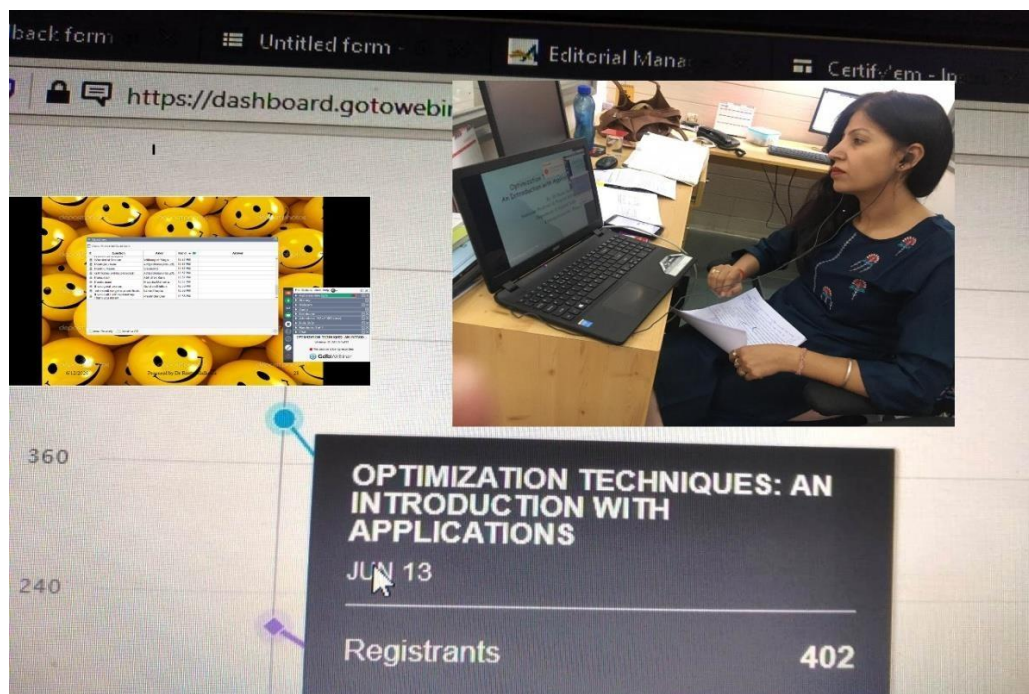


Photo of Resource person with feedback and registration record

Chitkara School of Mass Communication

Broadcasting in Real Time

Date: 14th September 2019 (Monday)

Time 10:00 am to 1:00 pm

Venue: Community Radio, Radio Chitkara

Be the voice of people as a Radio Presenter through Radio Chitkara

About the Event: Chitkara School of Mass Communication, today has done a unique experiment under quality education in Radio and has done 3 hours marathon show that too live. Student's role is to prepare the script, entertain listeners on-air and inform an audience by presenting information in an accessible and attractive way.

Both the final years of MAJMC and BAJMC have completed the entire show in the desired time under the guidance of Mr. Pankaj Garg, Mr. Ranjit Singh Chopra and Ms. Rupinder Kaur. This show is being organised to give hands on industry experience to students and to let them know the trends and technology of media industry by doing live session on community radio Radio Chitkara.

The students have been divided into 10 groups and each group consists of 5 students who have done half an hour live show with full zeal. This show was listened worldwide through websites and Hindi Radios apps. The audiences were able to listen various experts from different fields and the topics they covered were education, environment, lifestyle, cyber space, health, pollution, agriculture. Students have included drama, stories, voxpops, and phone-in to complete their show.

Out of 55 students, 52 have participated in the event on the turn basis and learned the technical sides of the radio industry. It was a fully organized show and students were given feedback after the completion of the event.

Chitkara School of Mass Communication

Broadcasting in Real Time

Date: 14th September 2019 (Monday)

Time 10:00 am to 1:00 pm



Students of BAJMC and MAJMC final year presenting their scripts in the live show

Chitkara School of Mass Communication

Streaming from TV Studio (2019)

Date: 16th September 2019

Venue: Television Studio

Time: 10:00 am

About the event: In order to give hands on industry experience and to provide quality education, Chitkara School of Mass Communication has organised a Live Bulletins on television for BAJMC and MAJMC final year students on 16th September 2019. Around 54 students out of 55 have participated in this event as students are very keen to learn the in-depth and technical working of television studio. This event was conducted under the guidance of Mr. Shyam Dhiman, Ms. Gurjeet Kaur and Mr. Rajesh Chauhan.

Preparing a bulletin was not difficult for the students as they know the basic principles of news reporting, writing scripts, editing the story on FCP, ingesting into VTR and then anchoring the whole show with the entire team. 4 TV bulletins were produced both the final year student's in a whole day. They had covered various stories - hard and soft and used all the techniques of live show which went on YouTube live. They have been given hands on experience of News channel working and their skills have been enhanced by working on latest technology equipments of television studio. The student has been given equal opportunity as they have been divided into groups of 5 students each.



Students of BJMC final year actively participating in the event “Streaming from TV Studio”

Brush Up your GK with online test

Date: 25th September 2019 | Time: 10:00 am to 11:30 am | Venue: Pulitzer Hall

About the Event: Chitkara School of Mass Communication an event “Brush Up your GK with Online Test” on 25th September 2019 for BAJMC and MAJMC final year students. This is an opportunity given to students for quality education and to swim in the reservoir of knowledge and to Learn, Practice and Test their G.K. This quiz must have given them insight to the type of questions that would be asked in different types of competitive examinations.

Both the final year students participated with full enthusiasm. Out of 55 students, 52 have participated in the event. The first round was a rapid fire round. Each team was asked three questions. The second round was a visual round. In the third round, each team was asked one question based on facts about media which they had to answer in twenty seconds. All the teams were well prepared and the competition was very tough. The students surprised the audience with their in-depth knowledge and information on Current Affairs and Media world. The quiz masters were Aadya Maggu and Ketika. They conducted the quiz expertly and confidently.

Rakhi Gautam student of BAJMC got first position while Harshpreet Kaur (MAJMC) stood second and Siddarth Kabir Singh of BAJMC secured third position in this quiz



Chitkara School of Mass Communication participating during “Brush up Your GK with Online Test”

Chitkara School of Mass Communication

Event: Speak & Write it Right

Date: 3rd October 2019

Venue: Television studio (CSMC)

In order to make the students future ready and provide quality education, Chitkara School of Mass Communication has organised a live event of debate on current issues for BAJMC and MAJMC final year students. This event was conducted on 3rd October 2019 in Television studio at 11:00 am. This event is all about understanding students' perspectives on the ongoing current issues and to allow students to participate in extracurricular activities

To enhance the spheres of learning and creating learners for the 21st-century, Ms. Sakshi Kaushik have given different topics based on current affairs and students have done live Television debate on the given topic. At a time, one student followed by 3 other co-anchor initiated the show and rest of the students were playing the role of audience. 53 students out of 55 have participated in the session. First three winners have been given certificates.



CSMC Students are participating in Group Discussion session at Television studio

Event Details	
Name of the Department	Chitkara Business School
Title of the Event:	Aptitude Training for Competitive Examinations
Date of the Event:	1 st Aug to 31 st Aug,2019
No. of Student Attended/ Benefited:	265
Resource Persons:	Mr. Anuj Gupta, Ekpathshala
Venue	LH2

Chitkara focuses on providing quality education to all the students thus ensuring inclusive and equitable quality. Quality education will enrich their capabilities so that they are economically productive and develop sustainable livelihoods. Chitkara Business School has been providing educational and professional guidance to MBA students who aspire to study on foreign shores as well as on their homeland. The information of various national and international markets for studies and job opportunities is provided. Our association with a large number of professional service providers, for career guidance, enables our students to choose the best suitable option for them.

Purpose of the Activity:

An aptitude test is an exam used to determine an individual's propensity to succeed in a given activity. Aptitude tests assume that individuals have inherent strengths and weaknesses, and have a natural inclination toward success or failure in specific areas based on their innate characteristics. An aptitude test does not test knowledge; it is not a test for which a person can study.

Along with intelligence tests and achievement tests that measure student mastery of academic content, aptitude tests may be used to determine placement in gifted and talented programs or other specific educational tracks. For example, the Modern Language Aptitude Test measures a student's potential for successfully mastering foreign languages. Aptitude tests can also help determine if a student needs special education services.

This session will help them in cracking industry placement opportunities and various competitive exams like UPSC/SSB/IBPS etc. also.

Categories under Aptitude Test: Verbal Reasoning; Numerical Reasoning.; Abstract Reasoning (sometimes called Diagrammatic reasoning); Spatial Ability; Mechanical Reasoning



MBA students while taking sessions on Aptitude training. The training is delivered by professional trainer Mr. Anuj Gupta and it included training on Verbal Reasoning; Numerical Reasoning.; Abstract Reasoning and Mechanical Reasoning

Event Details	
Name of the Department:	Chitkara Business School
Title of the Event:	Career Advancement via Quality Education
Date of the Event:	11 th Dec 2019
No. of Student Attended/ Benefited:	265
Resource Persons:	Dr Aditya Rahul –Allstates
Venue	Warren Buffet Hall

Chitkara Business School focuses on providing Quality education and develop relevant technical and vocational skills. PG Department at Chitkara Business School ensures that the learners acquire the knowledge and skills needed to promote sustainable development.

Counseling session on Career Advancement– The session was conducted with MBA students and focused on how to be an effective leader and how to demonstrate leadership skills. The speaker conducted various participation activities for the students. There were mock activities which also helped the students to gain knowledge on decision making as potential managers

Outcome of the session: By attending this session, students learnt about the leadership skills and decision making skills. These two skills are very important for a good manager.



Counseling Session on Career Advancement by Dr. Aditya which will help them on how to be an effective leader and how to demonstrate leadership skills

Chitkara School of Mass Communication

We the people

Date: 18th October 2019

Venue: Pulitzer Hall

Time: 11:00 am

About the Event: Chitkara School of Mass Communication organized a Constitutional based quiz “We the People” for BAJMC Students on 18th October 2019 at Pulitzer Hall.

The session was aimed to give them quality education and to emphasise on the improvement of the intellect of the students and enhance their knowledge on Constitutional facts. This quiz will definitely help the students to get succeed in the upcoming competitive examinations. The students were divided in 8 teams and each team consisting of ten participants passed through six rounds. Various thoughtful questions were discussed in the mock session. They skilfully answered the questions asked. Though some of the questions were very tricky, the teams tried to answer them with confidence. The questions put forth to the teams were intriguing and exciting. The audience clapped when the teams answered correctly. The audience also got a chance to participate every time the teams answered incorrectly. Total number of 76 students has participated out of 81 students in the event.

The winners were- Zeenat Thind stood first, Ankita Sharma stood second and Varun Malik got third position. Thus, the session was very intellectual and enhanced the general knowledge of the students.



Students participating in the event “We the People”

Event Details	
Name of the Department:	Chitkara Business School
Title of the Event:	Career Counselling Session for finance students
Date of the Event:	17 th July, 2019
No. of Student Attended/ Benefited:	64
Resource Persons:	Mr Visal Bhargawa - TIAA, Mumbai
Venue	Warren Buffet Hall

Career Counseling session on Financial Industry- PG Department at Chitkara Business School ensures that the students are provided with the knowledge and skills to promote sustainable development. The session focused on talking to the students on career opportunities in Financial Industry. The speaker started his by introducing the basic realities of the various sectors. It was an interactive session where students asked various queries regarding opportunities in the financial sector. He even gave various inputs related to clearing various levels of banking exams and various interview techniques. The session included varieties of questions by students related to their career path, banking job profiles and scope of a financial professional. Students were motivated and inquisitive throughout the session.

Session outcome: Students learnt about the financial industry. What are the opportunities in financial industry. Students got the knowledge about various levels of banking exams and interview techniques. They learn about the profiles of financial professionals.



MBA students while attending sessions by Mr Vishal under career counseling. The session focused on talking to the students on career opportunities in Financial Industry

Event Details	
Name of the Department:	Chitkara Business School
Title of the Event:	Session on Job prospects in FMCG Industry
Date of the Event:	19 th August,2019
No. of Student Attended/ Benefited:	97
Resource Persons:	Mohammad Furkan Warsi, Director Ernst & Young Pvt Ltd
Venue	Warren Buffet Hall

Job prospects in FMCG Industry for Marketing/Supply Chain/Analytics students- Future of FMCG. MBA students are provided with quality education through various counselling sessions. The global consumer goods industry is currently going through a phase of massive transformation. Companies now need to break traditions and implement solid new-age strategies in producing, selling and distributing goods. To discuss the changing dynamics of the FMCG industry and the trends that are shaping the future of consumer goods enterprises CBS introduced the guest session for the Marketing students.

Session outcome: This session was very useful for the students who are keen to make their career in marketing or supply chain management sector. They got information about the FMCG companies and their new age strategies for in selling and distributing consumer goods.

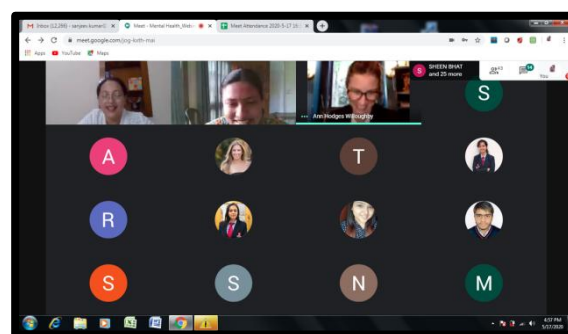
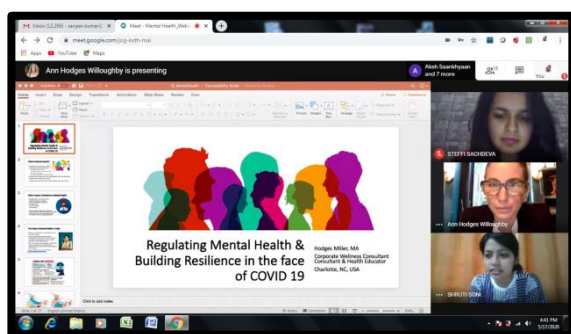


The students got information about the FMCG companies and their new age strategies for in selling and distributing consumer goods by Mohammad Furkan

Event Details	
Name of the Department	Chitkara Business School
Title of the Event:	"Understanding Mental Health & Building Resilience in the face of COVID 19"
Date of the Event:	17 th May, 2020
No. of Student Attended/ Benefited:	70
Resource Persons:	Ms. Hodges Miller, MA Corporate Wellness Consultant & Health Educator, Charlotte, North Carolina, USA
Venue	Online

Purpose of the Activity:

A strong mind is needed to face a so far unseen calamity in the form of covid 19 pandemic. A health education speaker and wellness consultant, Ms. Miller talked to students on how to alleviate oneself out of tough conditions. She gave tips that help bolster the mind in trying circumstances and help in effectively coping with the unprecedented circumstances presented by the pandemic. The session further discussed Quality Education by discussing entrepreneurial opportunities in micro, small and medium sized enterprises. Ms. Miller mentioned that having a healthy lifestyles, preventive measures and modern, efficient healthcare for everyone.



Ms. Hodges Miller talked with the students about Understanding Mental Health & Building Resilience in the face of COVID 19

Event Details	
Name of the Department:	Chitkara Business School
Title of the Event:	Aptitude Training
Date of the Event:	13 th January 2020 to 18 th January,2020
No. of Student Attended/ Benefited:	350
Resource Persons:	Mr. Anuj Gupta
Duration	6 hours per day
Venue	Warren Buffet Hall

Human intelligence can be measured to a certain degree. Quality education is important and have helped organizations to recruit suitable candidates and understand their employees better. There is no single way to define human intelligence, and we measure it by primarily focusing on general mental ability measuring for reasoning and the knack for problem-solving. Additionally, there are several cognitive functions, such as memory, attention and perception that come under human intelligence.

Purpose of the Activity:/Perceived Outcomes:

- It updated the skills, knowledge, ability and personality of the students.
- It helped them to formulate new problems which they can apply what they have learned in multiple situations.
- They understood how to evaluate complex qualitative and quantitative data to support strategic and operational decisions.



BBA department and B. Com department students attending lecture on Aptitude training conducted by Mr. Anuj Gupta, Expert in Quantitative Aptitude

Event Details	
Name of the Department:	Chitkara Business School
Title of the Event:	Career in Sales and Retail Marketing
Date of the Event:	17 th -18 th Oct, 2019
No. of Student Attended/ Benefited:	75
Resource Persons:	Mr. Munish Kumar
Venue:	LH1

Retail marketing pertains to the strategies and tactics that retailers use to attract customers and drive sales. The quality education in retail management is the right career for those having the interest in merchandise, market & marketing, sales, advertising, campaigning and market research. The total Number of B.Com students who attended this course was 75.

Perceived Outcomes of the Session

- It motivated and updated the students how increase sales force and yields great results.
- Students learnt about marketing campaigns and sales pitches have to be strategically planned and the sales force is to be trained for effective execution.
- They also learned the changes in corporate policies or Industry Regulations may require training.



B.Com students while attending sessions on Career in Sales and Retail Marketing by Mr Munish Kumar who motivated and updated the students how increase sales force and yields great results

Event Details	
Name of the Department:	Chitkara Business School
Title of the Event:	Career Session on Business Analytics
Date of the Event:	7 th Oct , 2019
No. of Student Attended/ Benefited:	42
Resource Persons:	Devesh Bathla
Venue:	Warren Buffet Hall

For a business, the primary concern for any business to offer high-end services and products to all its customers and that can come with the help of high quality education. This can be done only when the business stays relevant and ahead of their competitors. Most companies are steadily innovating how business is done. They are ditching traditional, time-consuming methods, or better, remodeling them to fit the new business demands. As methods innovate, the amount of data generated is also piling up. Companies have a humongous data sets at hand. If they can use this data in the right way, their businesses can flourish. If not, they are doomed forever. One wrong move and business can face closure even before it knew. Analytics help in making informed business decisions. It brings agility to a business. Again, machines or technology alone cannot make business decisions. You need human brains with adept knowledge and skill sets to make things work in favour of your business.

Perceived Outcomes of the Session

Students learnt how to quantify business values.

- Students learnt to become adept at making informed and smart decision for your company.
- Students learnt to take the responsibility of putting off your company ahead in the competition.



BBA students while attending sessions on Business Analytics by Dr Devesh Bathla which help students in making informed business decisions

Event Details	
Name of the Department:	Chitkara Business School
Title of the Event:	Expert Lecture on “Cost Accounting”
Date of the Event:	23 rd July, 2019
No. of Student Attended/ Benefited:	185
Resource Persons:	Mr Munish Jindal
Venue:	Einstein Hall

A Guest Lecture on “Recent Trends in Cost Accounting “was organized for BBA students (Chitkara Business School) on 23rd July, 2019 where in guest talk was delivered by Mr. Munish Jindal, CEO HoverRobotix. Speaking on the session Mr. Munish Jindal highlighted the recent developments in cost identification and cost management of various high tech industries like motor industries & manufacturing industries. He lamented the fact how rising government expenditure has played an important role for the growth of economy.

Purpose of the Activity:/Perceived Outcomes:

- Students understood that for more predisposed to creative or context-dependent problem-solving roles, cost accounting can prove to be a good fit.
- They also learnt that it will allow them to develop a specific set of skills in line with their strengths and interests.
- They also learnt how to do accurate analysis.



Expert session on Recent Trends in Cost Accounting where in the students learnt cost identification and cost management of various high tech industries like motor industries & manufacturing industries

Chitkara School of Mass Communication

Event: Productive Personality Traits

Date: 22nd November 2019

Venue: Pulitzer hall

Chitkara School of Mass Communication (CSMC) organised the English Learning event called “Productive Personality Traits as a part of quality education and capacity building activities on 22th November 2019. Practising the skills in the school is important because it will boost up student’s confidence and make them feel more comfortable using English around people in the University.

Faculty of CSMC Ms. Sakshi Kaushik judged the entire event. This event was organised for the students of BAJMC and MAJMC final year who were given different topics to debate with the group mates. The medium for the debate was English and participants have given strong and valid points in order to win the debate.

Out of 55 students around 53 students participated in this event and came forward to speak in English about the topic given to them. The 3 winners were awarded with certificate and were encouraged to become a part of such events which will enhance their communication skills, language, and confidence and take usage of this platform too for polishing their personalities.



Pictures from the event “Productive Personality Traits”

Event Details	
Name of the Department:	Chitkara Business School
Title of the Event:	Financial Management: A Saga of Supply Chain Management
Date of the Event:	28th Nov., 2019
No. of Student Attended/ Benefited:	143
Resource Persons:	CMA Anil Sharma
Venue:	Einstein Hall

The Department conducted a session on “Financial Management: A Saga of Supply Chain Management” on 28 November for the students of B.Com Batch 2017-18 & 2018-21. CMA Anil Sharma, Chairman NIRC-CMA and Practicing Cost Accountant, delivered his talk with live examples from Industries.

Perceived Outcomes of the Session

- He gave insight of industry with the importance of supply chain management and making use of funds in an optimum manner.
- He also shared his experiences about the value of money and time consideration while determining the working capital in total supply management.



B.Com students attending a session on “Financial Management: A Saga of Supply Chain Management” where live examples from industries were shared with the students

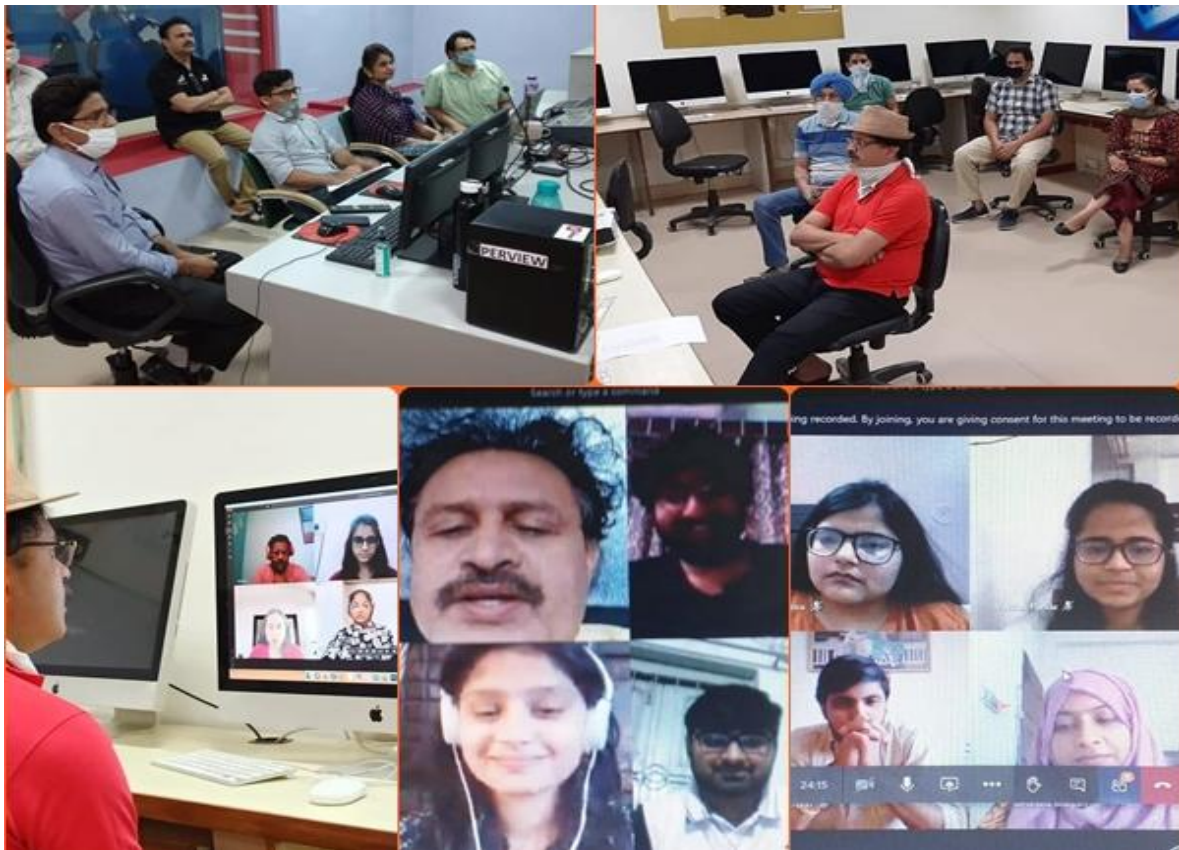
Next Move in Media Industry

Date: 5th June 2020 | Venue: GoToMeeting Online Platform | Time: 10:00 am to 02:30 am

About the Event: “Meet up with faculty” session was organised for all the final year students of BAJMC VI (2017-2020 batches) and MAJMC IV (2018-2020 batch) under “Next Move in Media Industry” during the last week of May 2020 and continued up to the first week of June 2020. This session is being organised to give the students quality education.

This session was conducted through online mode via using GoToMeeting software during to pandemic (COVID19). Students of BAJMC and MAJMC final year who have done internship in print media, radio, advertising, photography, TV, online media marketing, content writing presented their work during internship period and also some of their important productions during University days. All the students were counselled about the possible job opportunities after their graduation. Our career counselling is planned in such a manner that it facilitates effective career preparation. All subject experts shared their tips and tricks with students to enable them to understand industry needs better so that they can prepare accordingly.

Some of them did paid internship and some have got job and job offers too. Teachers gave individual feedbacks to all students.



Chitkara School of Mass Communication Faculty while taking presentations online under the event “Next Move in media industry

Event Details	
Name of the Department:	Chitkara Business School
Title of the Event:	Future Prospects in ACCA
Date of the Event:	4 th December, 2019
No. of Student Enrolled:	127
No. of Student Attended/ Benefited:	30
Resource Persons:	Mr. Charanjeet Singh
Venue:	Meeting Room

Mr. Charanjeet Singh, who is an ACCA qualified accountant, having an experience in working for Ernst & Young as a Financial Accountant and have also been teaching in England and India both since 2014, has tutored our students for a couple of ACCA foundation level exams, i.e. Financial Reporting and Financial Management in the month of August in 2018 and March in 2019. Financial Reporting is the first mandatory foundation level exam that our students have to give in ACCA.

Purpose of the Activity:/Perceived Outcomes:

- Students understood the prospects of landing lucrative career opportunities increase manifold times.
- Students also learnt that in a tenured job, their exhaustive skill set would earn them faster increments and promotions compared to MBA or similar degree holders.
- Students became aware that they can also hatch their own independent consultancy firm. Since their knowledge would not be limited to finance and accountancy only, they can play an active role in designing organizational strategies.



B.Com students attending a session on Expert Lecture on ACCA which help them have an understanding of the prospects of landing lucrative career opportunities increase manifold times

Event Details	
Name of the Department:	Chitkara Business School
Title of the Event:	Future prospects in K-CAP by “KPMG”
Date of the Event:	21st Nov., 2019
No. of Student Attended/ Benefited:	69
Resource Persons:	Mr. Shiv Sood
Venue:	LH5

Every student has a dream of working with “The Big Four” and BBA and B.Com Department strives to fulfil that dream of students. Accounting is a growing field with huge range of opportunities. One of the factors about career in accountancy is that, regardless of size and scale all organizations are required to keep track of their finances, transactions and budgets, as well as maintain and issue accounts, all of which require accountants. KPMG in India is offering a 'KPMG's course for accounting professionals' which is designed to prepare for a career in accountancy. The course helps the students to gain experiences about the real time challenges of accounting area from professional trainers.

Purpose of the Activity:/Perceived Outcomes:

- Students Learnt Sector specific knowledge of accounting practices.
- Gained experiences about the real time challenges of accounting area



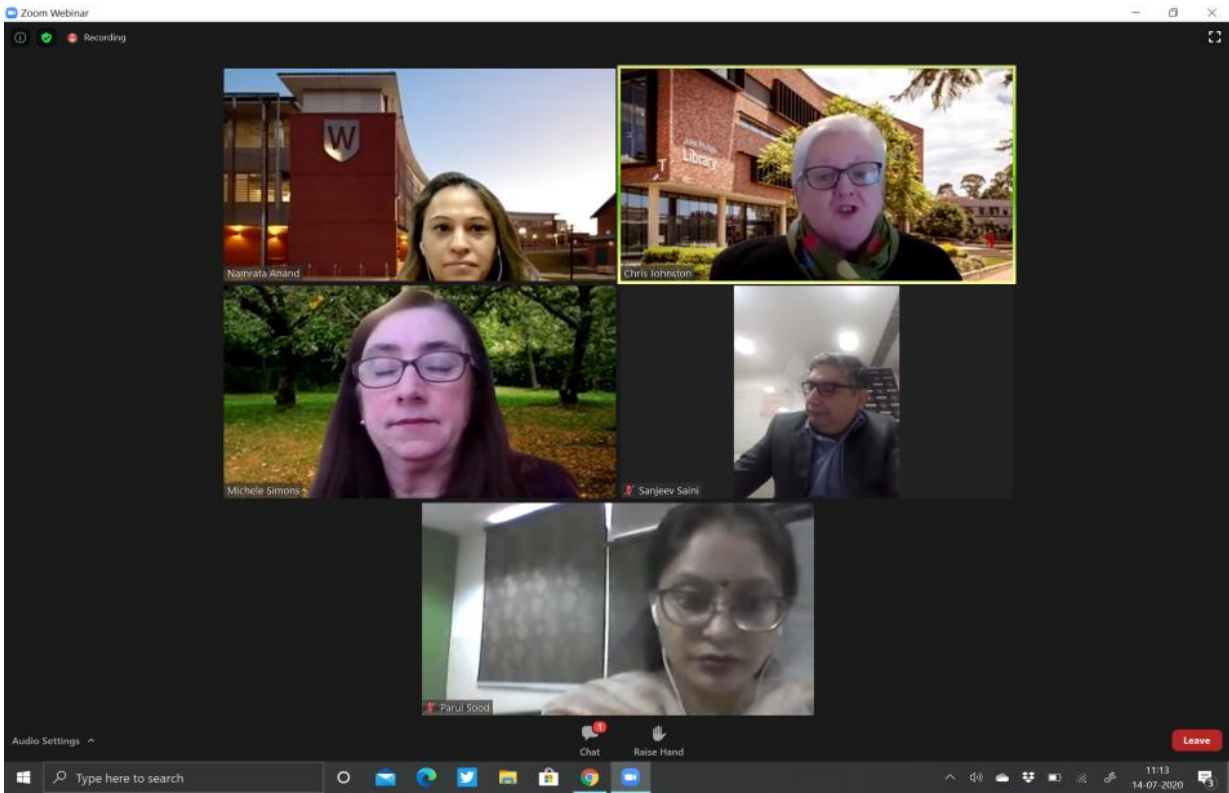
BBA and B.Com students attending panel discussion to gain experiences about the real time challenges of accounting area from professional trainers

Chitkara College of Education
Innovative Approach to Learning and Teaching

Date: 14.07.2020

Presenter: Assoc. Prof. Chris Johnston, Prof. Michelle Simons

The webinar started with Prof. Michelle Simons, the Dean of School of Education, Western Sydney University who introduced us their school as a research-intensive school which has areas of expertise in globalisation, curriculum, literacy and numeracy, STEM education, learning sciences, early childhood, primary and secondary education etc. They at their school, which strives for excellence, prepare educators who are change makers with blended learning, evidence-based practice and practice-based evidence, deep engagements and strong partnerships and innovative professional experience. Then they introduced us to the their 4 year integrated Bachelor's of education program which gives a broad understanding of humanities as well as education, focuses on early childhood, it also gives an experience with children and provides 80 credit points for Diploma in children's services. She then introduced the Masters in Education (STEM) program which can be done after any undergraduate program taking into consideration the major and minor subjects of the student. Whatever major subject, the student has, he/she can further pursue Masters in Teaching (STEM) in that particular subject. This program also prepares graduates for career in science, technology, engineering or/and mathematics. They follow the innovative blended teaching and learning techniques and believe in teaching the holistic way. Problem based learning and enquiry based learning is a part of their curriculum. It also recognizes the teaching profession as a graduate entry career choice. It also prepares teachers in academic subject area. Assoc. Prof. Chris Johnston, the Assoc. Dean, International, explained the IELTS requirement for applying for these courses. She also explained about the academic and non-academic entry requirements. She also explained that though Casper Test and QuEST serve the same purpose but like Stanford University, they do a QuEST which is for understanding the capabilities of non-academic areas like problem-solving. They also discussed that their internship for Bachelor's in Education has an internship of about 100 days whereas in Masters of Teaching, 2 days internship and 3 days studying. They also gave a vague idea about the salaries their students get after graduating which is 80,000 AUS Dollars. Overall, it was an insightful session about the two courses we can pursue after our Bachelors.



Chitkara College of Education
Rashtriya Ekta Diwas-Pledge Ceremony

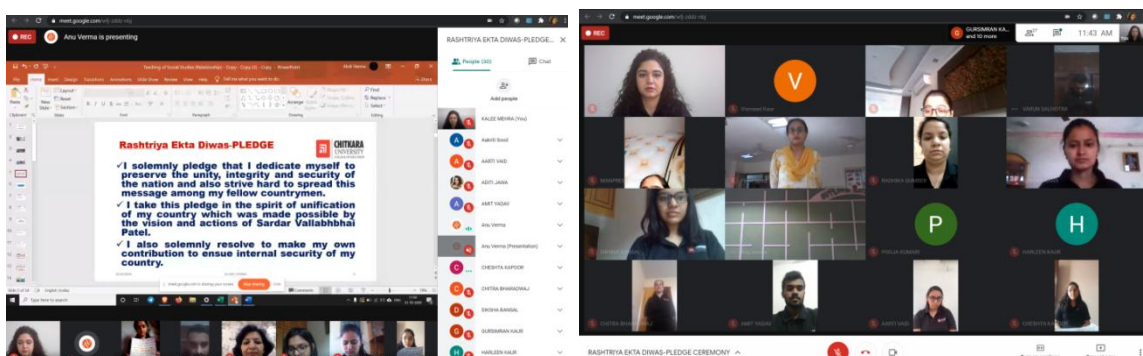
Date: 31st October, 2020

On the occasion of Raashtriya Ekta Diwas, Chitkara College of Education conducted a pledge ceremony to acknowledge the struggles and sacrifices of the First Deputy Prime Minister and Home Minister of independent India- Sardar Vallabhbhai Patel as an Indian freedom fighter. The inauguration of this day was done by the Indian Prime Minister, Narendra Modi in 2014 on the birth anniversary of Sardar Vallabhbhai Patel. The program started with the introduction to why we celebrate Rashtriya Ekta Diwas, who was Sardar Vallabhbhai Patel and what efforts did he make in uniting our nation. Our respected Dean, Dr. Sangeeta Pant, before the taking the pledge explained us that the pledge will provide an opportunity to us to re-affirm the inherent strength and resilience of our nation to withstand the actual and potential threats to the unity, integrity and security of our country.

Then, all the Alpha Teachers took the following pledge to pay homage to him:

I solemnly pledge that I dedicate myself to preserve the unity, integrity and security of the nation and also strive hard to spread this message among my fellow countrymen. I take this pledge in the spirit of unification of my country which was made possible by the vision and actions of Sardar Vallabhbhai Patel. I also solemnly resolve to make my own contribution to ensure internal security of my country.

Post the pledge taking, 5 of the Alpha Teachers displayed flashcards of the pledge and read it aloud with the spirit of dedication to our country. It was such an enriching program to our patriotism. Total 33 students had attended the webinar.



EVENT – ACTING FOR ANIMATION

The expert focused on the skills and role that animators need to know a lot about acting, but they don't need to know everything. *Acting for Animators* sorts out the acting theory that animators need, presenting it in a form and with references that are more relevant to the animator's world. It explores the connections between thinking and physical action, between thinking and emotion; it provides the steps for an effective character analysis and the dynamics of a scene.

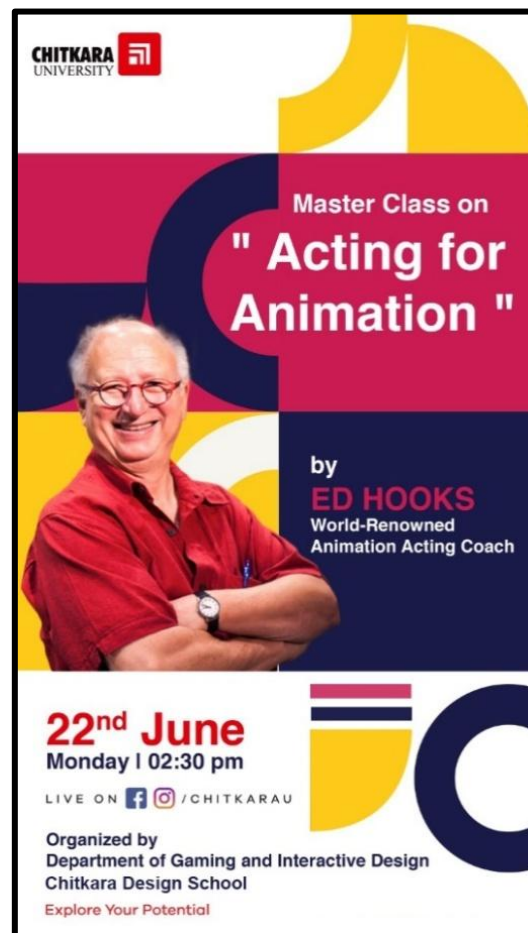
Date: 22nd June, 2020

Resource Person: Ed Hooks

Organized By: Department of Gaming and Interactive Design

Number of Participants: 75

Event Poster:



Chitkara College of Education

Gamification in Mathematics: Increasing Engagement and Results**Date: 16th July, 2020**

A special session was organized by IPN Master Class on topic **Gamification in Mathematics: Increasing Engagement and Results**. Speaker of the session was Mrs. Jacky Herman, Global Professional Master Trainer, Matific, Australia. Mathematics is a subject which most of the students do not find interesting. In the session she briefed about different strategies that a teacher can do to make her class very interactive, full of fun and knowledge. She mentioned that in future we require more and more engineers, doctors etc. She also told that never blame your teachers and blaming is the thing that we all can do easily. While teaching mathematics everything must be done practically, the thing that goes wrong is while studying mathematics student never link it with the things around them. Practical knowledge is more important than bookish knowledge. She also told that in HSC , 1 in 4 girls are not studying any mathematics subjects, compared to 1 in 10 boys. She also mentioned that lots of universities are offering bonus points for Advanced Mathematics.

She introduced the main topic in an interesting way by asking questions like if you will ask students why you like playing game they will say because it's fun. Gamification works because of many reasons like its characters which are loved by children, games help them to create their own fantasy world, the story which children find interesting, students can participate actively, games have different levels etc. She mentioned that mathematics must be combined with some games and then taught to make the class full of fun and enjoyment.

She explained various games related to mathematics skill like games related to mass, 3D objects and spatial awareness, division, skip counting. For e.g., A game related to skip counting in which the cartoon has to skip number and jump on another number, similarly to teach counting from 1 to 20 she mentioned a game to set power to a particular megawatt, set the transmission frequency to thirteen Ghz etc. Students can also involve their family members in games related to mathematics like students get their family members to stand in order of height, and then they can record results, measure the family member's feet and put in order and observe results. She also mentioned that parents do not like their children playing games but they must be told about the benefits of games like develops critical thinking and to understand this they must be told to observe their children carefully while playing games and also play those games for better understanding. The session ended with a question answer round in which different questions related to discrete mathematics, geometry, etc., were asked. A question was asked how to decrease the stress of student's while assessment?

Mrs. Jacky Herman beautifully explained the difference between formative and summative assessment and told to use summative assessment as less stressful students will think that they are doing task but you know that you are assessing them. Overall, the session was really amazing and the most wonderful thing was using games while teaching mathematics. Total 35 students had attended the webinar.



Why does gamification work?

1. The characters
2. The story
3. Escape
4. Active Participation
5. Goal
6. Levels
7. Competitive
8. Social
9. Speed



matific

It's possible! Look at this example



matific

Gamification in Computer Science

Date: 06th April 2020

Resource Person: Dr. Silvester Czanner

Organized by: Department of Gaming & Interactive Design


Number of Participants: 40

Course Highlights: The purpose of the webinar was to spread more knowledge about gamification in computer science.

Dr. Silvester Czanner explained about gamification and all major elements. Gamification is the process of incorporating game elements into non-game contexts in an effort to increase user-engagement. Common implementations of gamification include incorporating the scoring elements of games, such as points, levels, and achievements, and applying them to a work or educational environment. Effective gamification allows participants to use game elements as a way to reflect on their completion of a learned activity. Games are full of points, scores, tokens, and so on... the 'fun', the pleasure of these elements does not come from some extrinsic reward value of those elements, but chiefly from the experience of competence they give rise to.

Event Poster:

The poster is for a webinar titled "Gamification in Computer Science". It features the Chitkara University logo at the top left and the word "Webinar" in a large, light grey font at the top right. A portrait of Dr. Silvester Czanner, a man with glasses wearing a suit and tie, is positioned on the right side. The title "Gamification in Computer Science" is written in a bold, red, sans-serif font on the left. Below the title, the text "By Dr. Silvester Czanner" is written in red, followed by "Subject Head Computer Science, Liverpool University, UK" in white. The date and time "4th June Thursday 02:30 pm" are displayed in white and red. At the bottom left, it says "Organized by The Department of Gaming & Interactive Design CSA&D" and "Explore Your Potential" in red. The background of the poster is dark blue with a red wavy shape at the bottom.

CHITKARA UNIVERSITY  Webinar

Gamification in Computer Science

By **Dr. Silvester Czanner**
Subject Head
Computer Science,
Liverpool University, UK

Organized by
The Department of Gaming &
Interactive Design CSA&D

4th June
Thursday
02:30 pm

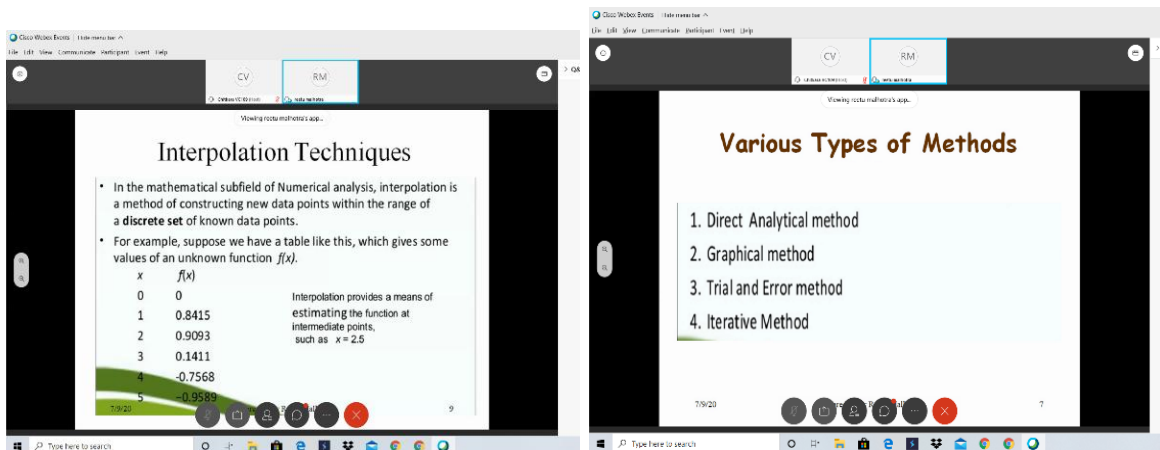
Explore Your Potential

Chitkara College of Education

Numerical Techniques: An Introduction with Applications

Date: 9th July 2020 | Dr. Reetu Malhotra

Mathematics and numerical are a great way to keep our minds distant from the current Pandemic, COVID-19. We use mathematics and numerical in daily routine, the importance of which is unavoidable. Dr. Reetu Malhotra, Associate Professor and Program Incharge Department of Applied Sciences, Chitkara University, Punjab, today conducted a Webinar titled, **Numerical Techniques: An Introduction with Applications**. The main objective of this webinar was to provide an introduction to the numerical techniques which are presently in use. In the session, Dr. Reetu explained what numerical methods are, why they are required, a variety of methods to solve numerical problems, what are the steps to solve numerical problem and where the methods can be applied. In her session, she threw light on various methods including Lagrange' Method and Interpolation Techniques. To explain thoroughly, she also incorporated illustrations. She answered the queries of audience with the help pf examples. Concluding the session, she thanked Dr. Mohit Kakkar for inspiring and motivating her to conduct the webinar. Total 4 faculty members had attended the webinar.



Chitkara College of Education

Conclave on Ethics in Research & Publications

Date: 19th August 2020

Ethics are defined as the principles of morality that manages the behaviour of a person and the practice of any activity. Ethics can be observed in every part of society. These also play a great role in Research and Publications. When performing a research related activity, keeping in mind some specific and crucial ethics can lead to ensuring the authenticity of research, making it plagiarism free. The people who want to do some research need to keep into account the ethical guidelines which are issued by regulatory bodies like the Institutional Ethics Committee, Institutional Ethics Review Board, Institutional Human Ethical Committee. In order to brief and create awareness among the researchers including Post- Graduate students, PhD scholars & Faculty at Chitkara University, the Doctoral Research Centre of Chitkara School of Health Sciences organised a conclave on- **‘Ethics in Research & Publications’**. The experts of the session were Dr. Pritpal Mitreja, Dr. Ujjawal Sharma, Dr. Sandeep Arora and Dr. Thakur Gurjeet Singh. The session started with the moderator, Dr. Meenakshi Sood, introducing the panellists and briefing about the flow of the session. The first part of the session catered to the panellists’ views on different topics. Dr. Mitreja shared his thoughts on Publication ethics & misconduct wherein he discussed about the Distribution of ethical issues in American Psychology Society publications (1996 through March 2004), Best Practices for ethics in scientific publishing, Research Misconduct, most common forms of Misconduct and Top 5 reasons to publish ethically. Dr. Sharma shared his view point on Conflict of Interest- Authorship Issues. His part included discussion on what conflicts of interest and authorship is, what all authorship policies include, authorship- misconduct, order of authorship, acknowledgments, how to avoid problems with authorship, questions of ethics, integrity and values to think if one has a conflict and what do to when one suspect an existence of a conflict. He also incorporated what can be done if authorship issues are not resolved and international guidelines. Next expert, Dr. Arora apprised the audience about research ethics review, HREC, Clinical process and good clinical practices. He briefed about the four principles of ethics, the role of ethical committees, what needs to be done by the researchers to get the approval on their researches, and recognising research misconduct. He also shared the publication ethics checklist and the publication process from a publisher’s perspective including the publication cycle. Dr. Singh’s presentation was on the topic ‘Plagiarism, Good Citation Practices’. He informed the audience about the reasons of avoiding plagiarism, types of plagiarism, the ways and methods of avoiding it, good citation practices and 10 rules of responsible

referencing. The second part of session was about one on one interaction of experts with the moderator. The moderator asked questions based on the presentations of the experts. The questions were related to ethics having no law, ethics for research in animals, humans' ethics committee, how ethical it is to pay and get the researched published, which software to use to check plagiarism, UGC penalty on author and candidate, salami slicing and consent for issues. The last part of the session was a Q/A section wherein questions from the audience were answered by the experts. All in all, this session gave a wholesome picture of do's and don'ts which need to be checked and kept in mind by the researchers so that the publishing process and plagiarism check can go hassle-free.

The screenshots illustrate the content of the session:

- Top-Left:** A Zoom window showing a woman speaking. The background features the Chitkara University logo.
- Top-Right:** A presentation slide titled "Conclave on Ethics in Research and Publication" with a sub-heading "Conflict of Interest - Authorship issues". The speaker is identified as Dr. Ujjwal Sharma, Ph.D., Research Scientist, PGIMER, Co-Founder & President, IAMBIS.
- Bottom-Left:** A Zoom window showing a man speaking. The background features the Chitkara University logo and a banner for "CHITKARA UNIVERSITY CHITKARA COLLEGE OF PHARMACY".
- Bottom-Right:** A slide titled "The Common Types of Plagiarism" listing:
 - Direct Plagiarism:** Direct plagiarism is the word-for-word transcription of a section of someone else's work, without attribution and without quotation marks.
 - Self Plagiarism:** Self-plagiarism occurs when a student submits his or her own previous work, or mixes parts of previous works, without permission from all professors involved.
 - Mosaic Plagiarism:** Mosaic Plagiarism occurs when a student borrows phrases from a source without using quotation marks, or finds synonyms for the author's language while keeping to the same general structure and meaning of the original.
 - Accidental Plagiarism:** Accidental plagiarism occurs when a person neglects to cite their sources, or misquotes their sources, or unintentionally paraphrases a source by using similar words, groups of words, and/or sentence structure without attribution.

Chitkara College of Education

Hindi Diwas Celebration

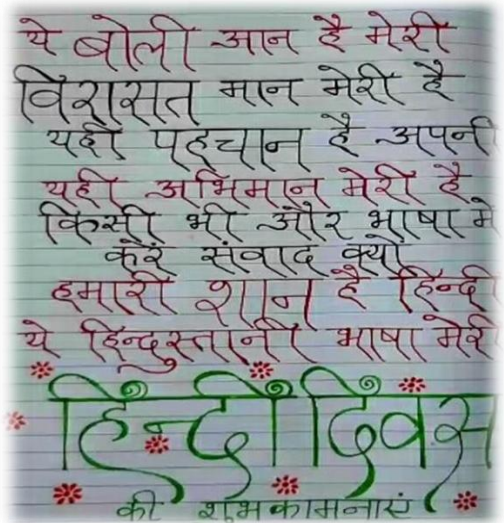
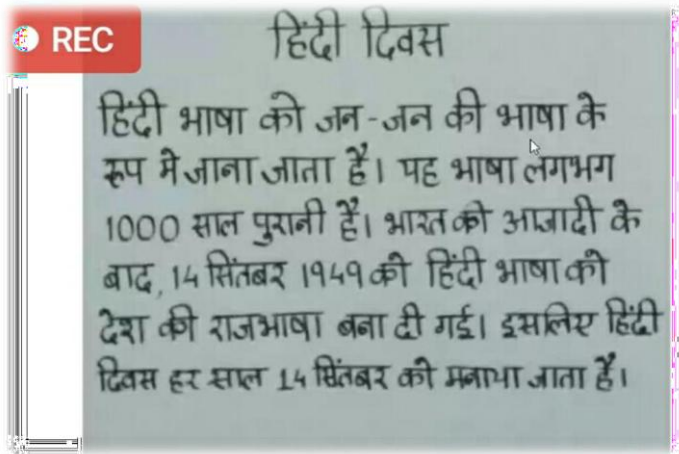
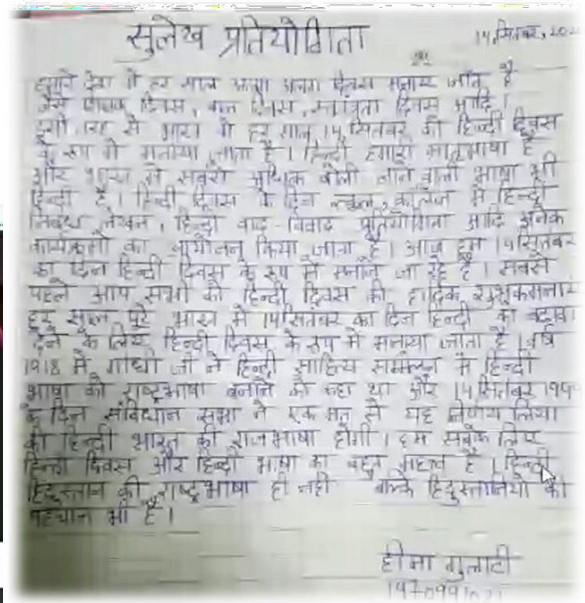
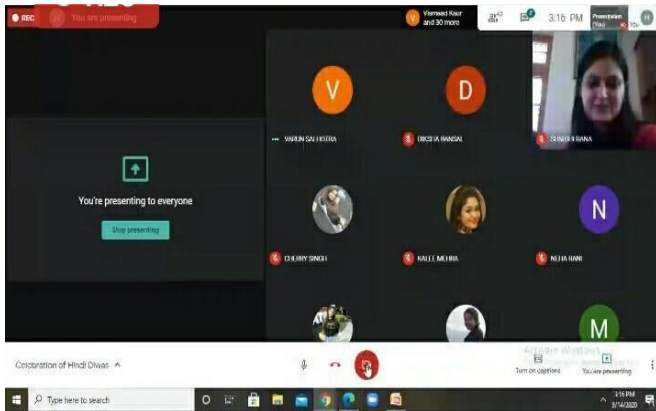
14th September 2020



Hindi Day is an annual day observed on 14 September in India to celebrate the adoption of Hindi as one of the official languages of India. This year also Hindi Diwas was celebrated by Chitkara College of Education, Chitkara University. The session was hosted by Alpha Teachers Heema Gulati and Sunidhi Rana. To celebrate this day three events were organized in which alpha teachers participated. These were Sulekh (Calligraphy), Kahani Pratiyogita, and Anuwad (Translation). Dr Sangeeta Pant gave inaugural address about importance of hindi language

The session began with a beautiful conversation between Heema and Sunidhi in which they told about Hindi Diwas and why Hindi Diwas is celebrated. The first event of the session was Sulekh (Calligraphy) in which Cherry Singh, Heema Gulati, Varun Salhotra, Chestha Kapoor, Mehak Malhotra and Laxmi Singh participated and presented their beautiful work. The second event was Kahani Pratiyogita in which alpha teachers narrated their beautiful stories in Hindi. The stories were really admiring and full of values. The alpha teachers who participated in Kahani Pratiyogita were Mehak Malhotra, Chestha Kapoor and Heema Gulati. The last activity was Anuwad (Translation) wherein the alpha teachers had to translate the English words into Hindi and vice-versa. It was a really interesting activity because all the alpha teachers participated in this whole heartedly and with full enthusiasm.

The session was concluded by Ms. Vismaad Kaur by her motivating words. In a nut shell, the session was very interactive and engaging with a learning that Hindi is our language and we should never forget it. Total 41 students and 4 faculty members had attended the webinar.



Chitkara College of Education

National Education Policy: A Cornucopia of Reforms

5th September, 2020

Speaker: Dr. Madhu Chitkara, Hon'ble Pro Chancellor, Chitkara University



On the occasion of Teacher's Day on 5th of September, 2020, Chitkara University organized a very enlightening webinar on “**National Education Policy: A Cornucopia of Reforms**”. Dr. Archana Mantri introduced the session and Dr. Madhu Chitkara commenced the session by explaining the National Policies of Education of India adopted since independence which covered **first NEP (National Education Policy 1947-48)** under the chairmanship of Dr. Radhakrishnan focussing on significant recommendations made in higher education), **Secondary Education Commission 1952-53** under the chairmanship of A. Lakshmanswami Mudaliar, **Kothari Commission 1964-66** under the chairmanship of Dr. D.S. Kothari, **International Commission on Education 1971-72**, **Ishwarbhai Patel Committee 1977**, and **National Policy 1986**. Various aspects like use of technology in education, cognitive skills, less emphasis on local languages, limited institutional autonomy, role of research were also discussed in the session. Last but not the least about “**National Policy of Education 2020**” under the chairmanship of Dr. K. Kasturirangan which has revamped the educational policy after three long decades. With an objective of achieving quality education, she added that NEP 2020, focuses on the school education in its charter from 1-8 points and about

higher education from 9-21 points. Total 42 students and 7 faculty members had attended the webinar.

NEP 2020 also aims to develop not only knowledge but also emotional and psychomotor skills of the students. The present policy focuses on the division of universities into teaching and research-intensive universities. The universities can shift from teaching to research-based universities and vice-versa. During Graduation, if a student completes 1st year, he/she will get a certificate, if he/she completes 2nd year then will get a diploma, if completes 3rd year then will get the degree and if he/she completes 4th year then he/she will get a Honour's degree with research certificate. If the student wants to pursue B.Ed after four years of graduation, then it will be of 1 year. Other objectives of the policy were also touched upon like supporting the other higher educational institutions, faculty development programs, support to school education, Bachelor program – different languages, arts, music, philosophy, dance, etc. Sports should be made compulsory and these courses should be made a part of regular program. For Master's Degree, 1st year is educational year and the 2nd year is devoted to research-based year. For PhD, either master's degree or a 4-year graduation degree is required. The present policy has also added a new subject in the curriculum as Indology (Indian Studies) which is an academic study of Indian history, art, culture, languages and literature. NEP 2020 also covers Equity and inclusion for Socio Economically Disadvantaged Groups, implementing technology and virtual labs and sustainable development goals. The session ended with a question answer round. Overall, the session was very informative and interactive as well.

Chitkara College of Education
Celebration of International Ozone Day
16th September 2020

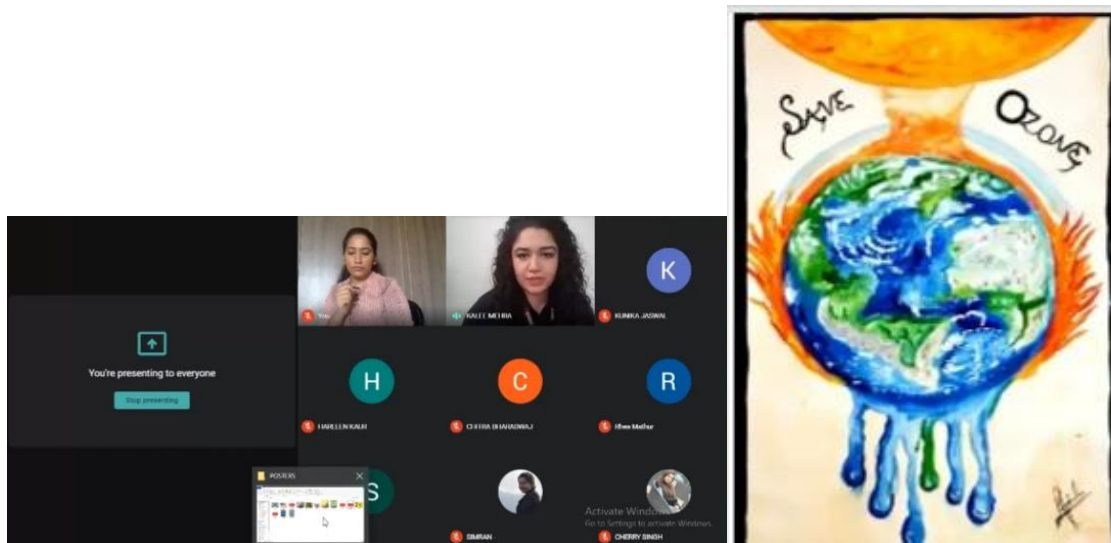
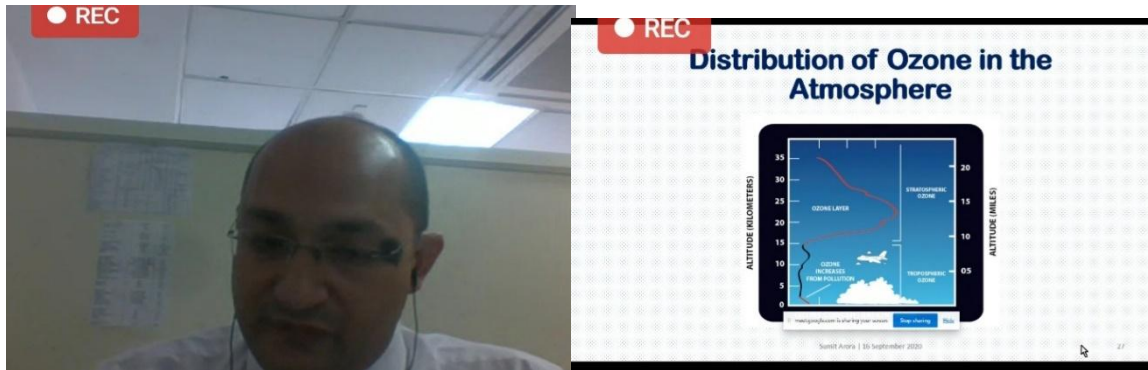


In order to commemorate the 35 years of the Vienna Convention and [35 years of global ozone layer protection](#), Chitkara College of Education in association with Punjab State Council for Science and Technology, Ministry of Environment, Forest, Climate Change (MOEF) and Environmental Information System (ENVIS) celebrated Ozone Day on September 16, 2020 (Wednesday) under EDSocial Module. Life on Earth wouldn't have been possible without sunlight. But the energy emanating from the sun would be too much for life on earth to thrive were it not for the ozone layer. This stratospheric layer shields earth from most of the sun's harmful ultraviolet radiation. The celebration of Ozone day started with the expert talk on the theme, 'Ozone for Life' by Dr. Sumit Arora, who is working as Capacity Building and Institutional Strengthening Specialist under State Mission Management Unit of Atal Mission for Rejuvenation and Urban Transformation. The talk helped in sensitizing the audience about less usage of Ozone depleting substances (ODS) and the consequences of damaging ozone. The session ended with a lot of a Question/Answer session wherein the answers were given by Mr. Anshu Kumar, Former Technical Advisor Montreal Protocol Unit, United Nations Development Programme. The session was extremely insightful as it helped in increasing the awareness about ozone depletion and its effects. Alpha Teachers of Chitkara College of Education actively participated in the poster making competition. They showed their creation in the session and explained the posters as well. Beautiful posters were prepared by alpha teachers including, Diksha Bansal, Suruchi Nanda, Heema Gulati, Rhea Mathur and Cherry Singh.

Another expert talk focused on inculcating the skills among the Alpha Teachers of Chitkara College of Education on the theme, 'Kitchen Gardening' by Dr. Puneet Arora, Founder,

Ecologic Corporation and member of NGO Social substance. The talk instilled in the Alpha teachers the importance of a home-grown food and its benefits. Various methods to recycle the kitchen waste at the source were also discussed. He also explained as to how to take care of the home-grown plants in order to keep the bugs and insects away. Total 44 students and 2 faculty members had attended the webinar.

A quiz competition titled ‘Ozone - O - Logy Quiz’ was organized for the students of grades 5th, 6th, 7th and 8th of Chitkara International School. Following are the winners.



Chitkara College of Education
Open-Book Session
Date: 05.11.2020

A session by Dr Rajnish Sharma (Dean-Research at CURIN department of Chitkara University, Punjab Campus) was organized by Chitkara College of Education for Alpha Teachers of Semester 3, 2019-21 Batch and Semester 1, 2020-22 Batch. In the session, Dr Rajnish addressed the Alpha Teachers covering the concept of Open Text Book, its practical aspects, parameters to be considered while framing the questions based on Open-text Book (OB) model and the benefits of the OB model.

The session was concluded focussing on the three letter 'CTG' formula where 'C' stands for Context, 'T' for Text and 'G' for the guide for the text. He also emphasized on making the perspective teachers live the life of the question as an analyst to enhance their problem-solving capability helpful to solve real time problems. Total 45 students had attended the webinar.

Evidences

The screenshot displays a Zoom meeting interface. The main content area shows a slide titled "Open-Book Examinations" with the subtitle "What it is and what it is not". The slide includes the Chitkara University logo. The top status bar indicates "Rajnish Sharma is presenting". The bottom toolbar shows participant names: PREETY PAL, NANDINI, VARUN SALH..., SRISHTI SOOD, Monika, PARINAKAUR..., and Rajnish Sharma. The right sidebar shows a list of 59 participants, including KALEE MEHRA, KANISHKA MALHOTRA, KOMAL MISHRA, KUMARIMONIKA, KUNIKA JASWAL, MAHIMA TITUS, MANALI, MANPREET KAUR, Monika, and NANDINI.

The template

CHITKARA UNIVERSITY


- **THE CONTEXT:** the setting in which the problem/situation is identified and framed
- **THE TASK:** the project and issues to resolve
- **THE GUIDE TO THE TASK:** the setting of parameters and suggestions about methods/concepts/models/tools to employ.

REC Rajnish Sharma is presenting

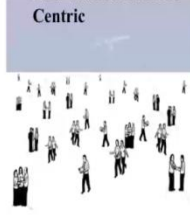
OB Session at 2:30 pm by Dr. ... X

The end of teaching and the start of learning

Old World: Teacher Centric



New World: Learner Centric



People (60) Chat

- JYOTIKA SHAHPURI
- KALEE MEHRA
- KANISHKA MALHOTRA
- KOMAL MISHRA
- KUMARIMONIKA -
- KUNIKA JASWAL
- MAHIMA TITUS
- MANALI -
- MANPREET KAUR
- Monika

P N V S M P

PREETV PAL NANDINI VADINI SAH SRISHTI SOOD Monika PARINAKAUR Rajnish Sharma

REC Rajnish Sharma is presenting

OB Session at 2:30 pm by Dr. ...

Why OB?

CHITKARA UNIVERSITY

- Students would spend more time on book reading.
- Students can stay away from the memorization exercise before exam.
- Students would spend more time on understanding the application part of the concepts.
- Things learnt will remain with students for a very very long time.

People (40) Chat

- JYOTIKA SHAHPURI
- KALEE MEHRA
- KANISHKA MALHOTRA
- KANU PRIYA
- KOMAL MISHRA
- KUMARIMONIKA -
- KUNIKA JASWAL
- MAHIMA TITUS
- MANPREET KAUR
- Monika

P N V S M P

PREETV PAL NANDINI VARUN SALH... SRISHTI SOOD Monika PARINAKAUR Rajnish Sharma

REPORT ON EXPERT TALK

EVENT DETAILS	
Event Name	Expert Talk
Topic	Career options in Civil Engineering
Date	12/09/2019
Time	11.00 am to 12.00 pm
Organized By	Department of Civil Engineering

Career decisions play a pivotal role in shaping the future growth and development of students. In today's environment of multiple options, knowing about choices available helps children in their decision-making process. So, Civil Engineering Department had organized an expert session on "Career options in Civil Engineering" on 12/09/2019. The main aim of this session is to offer a career counselling to upcoming Civil Engineers.

The session started with inaugural function, in which the expert Dr. Ajay Goyal was felicitated with buke by Dr. Vijay Kumar Jadon and Mr. Nitesh Parmar. After the inaugural ceremony, an expert talk was held. The session aimed at making the audience aware of the multiple career options available in Civil Engineering field. He also shared information regarding leading universities and various courses available after the graduation. Dr. Ajay urged the students not to make decisions based on family expectations and peer pressure. He guided the students to identify their interests and what they are good at. He also advised them to plan multiple activities during their vacations to hone their skills. The session was informative and enriching for students. The invited Expert shared his technical knowledge and experience with the students and inspired the students with his speech. All the faculty members of Civil Engineering Department and 45 student participants attended the program and enrich their knowledge, details about attendance is mentioned below.

Table: Batch wise student's details who attended the session.

S. No.	Batch	Total number of students in a batch	Total number of students attended the session
1	2018 (3 rd sem)	23	23
2	2019 (1 st sem)	22	22

Overall, the session was technically and practically sound and the long term expected result is to make students technically sound that will help them in building the path of their carrier. Department is thankful to the University for their approval and guidance in conducting this session successfully.

Outcomes of the session:-

- The student will have acquired broad knowledge of various fields and skills necessary for employment in field of civil engineering.
- The student will be able to choose a career that matches their aptitude and personality learning to professional success and satisfaction.

- The students will be aware of various programs for higher studies.



Students during the session



Students and expert during the session

ABOUT RESOURCE PERSON:**Dr. Ajay Goyal**

Dean of Academic Affairs,
Rayat Institute of Engineering & Information Technology (RIEIT),
Railmajra, Distt. S.B.S Nagar, Punjab.

Ph.D (Environmental Engineering), M.E. (Soil Mechanics & Foundation Engg.),
B.E. (Civil Engineering), Diploma (Civil Engineering).

REPORT ON BASICS OF FINITE ELEMENT METHOD

EVENT DETAILS	
Event Name	National Level One-Week Faculty Development Program
Topic	Finite Element Methods for Beginners
Date	20/04/2020 to 25/04/2020
Organized By	Department of Civil Engineering

We at the Department of Civil Engineering conducted a National Level One-Week Faculty Development Program on Finite Element Methods for Beginners from April 20, 2020 to April 25, 2020 in association with Punjab Technical University Kapurthala. We feel grateful to inform that a total of 512 candidates registered to the course on April 19, 2020, out of them 202 attendees were successfully able to complete their course. There were 32 internal participants from Chitkara University; 87 candidates from the state Punjab; and 83 attendees across India.

One Week Online FDP/STC
on
Finite Element Method for Beginners

April 20-24, 2020
Coordinators
Mr. Nitesh Parmar
Assistant Professor, Mechanical Department
Mr. Vishal Kumar Dhiman
Assistant Professor, Civil Department

CHITKARA UNIVERSITY

Mode of Delivery : Online

About the Course
The real world problems in various fields of engineering are complex and require mathematical models using higher order partial differential equations. The exact solutions for these higher order partial differential equations are almost impossible, especially when the geometry and boundary conditions are very complex. Under these situations numerical methods have to be applied to obtain approximate solutions. Finite Element Method (FEM) is a very popular numerical method and has wide applications in various disciplines. Even though many FEM softwares are available, it is necessary that the user should have good knowledge about the basics of FEM. This short term course is planned to fulfill these objectives.

The primary purpose of this course is to enable the faculty/student with skills and proficiency in applying FEM tools for practical problems. This course is designed for beginners and will certainly expose the participants with the basics building blocks of Finite Element Methods. This course will be a proper blend of theory and practice on a very light Free FEA Software (LISA 8.0.0).

Course Content
Following is the tentative content of the course

- Steps in Finite Element Analysis.
- Development of element and system equation
- Direct method of Solution
- Bar, Beam and Truss Elements
- Selection of elements and meshing concepts
- Handling varying loads (UDL and Linearly varying load)
- 3D static stress analysis
- Steady state and Transient Heat Flow
- Fluid flow problems
- Writing computer codes for FEA.

Who Should Attend
As this FDP/STC is not subject-specific, teaching faculty/student from interdisciplinary fields of science, engineering and technology can participate.

FDP/STC Register Link:
<https://forms.gle/BxSc3t4xTT5mkYT36>

For any query regarding FDP/STC:
Nitesh Parmar - +91-9780900184
Vishal Kumar Dhiman - +91-9805048544

Organized by
Department of Civil Engineering
&
Department of Mechanical Engineering
CUJET, Chitkara University Rajpura,
Punjab - 140401



Course Outline: Full Course

1 2 3 4 5 6

Course Home/Instructions

- How to use ClassConnect LMS Play
- PDE - FEM Play
- Quiz-VT1 Report
- FEM Overview Play
- Quiz-VT2 Report
- Element and System Equations Play
- Introduction to LISA Play

Downloads

Lectures/Documents/Quizzes/Assignments

Video/Document - 100 % Green Required to unlock the Certificate



Finite Element Method for Beginners

Mode of Delivery: Online through ClassConnect LMS (<https://classconnect.in/>)

Course content and Schedule:

Module Name	Contents
Module-1	FEM Overview
Module-2	Finite Element Analysis of Bars and Trusses
Module-3	FEA of Beam and Trusses
Module-4	Introduction to Approximate Method
Module-5	Galerkin Weighted Residual Method



Course Outline: Full Course

1 2 3 4 5 6

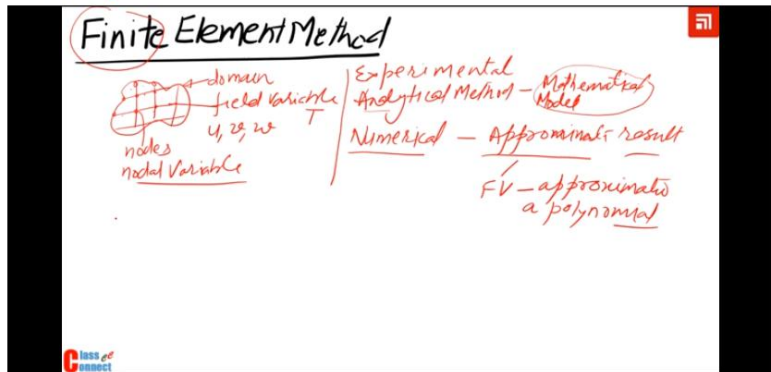
Course Home/Instructions

- How to use ClassConnect LMS Play
- PDE - FEM Play
- Quiz-VT1 Report
- FEM Overview Play
- Quiz-VT2 Report
- Element and System Equations Play
- Introduction to LISA Play

Downloads

Lectures/Documents/Quizzes/Assignments

PDE - FEM ✓



REPORT ON INTRODUCTION TO MYANATOMY EVALUATION SYSTEM

EVENT DETAILS	
Event Name	Webinar
Topic	Introduction to MyAnatomy evaluation system
Date	11/05/2020
Time	5.00 PM
Organized By	Department of Civil Engineering

This webinar is organized by the civil department to educate all faculty members of the Mechanical, Mechatronics and Civil Engineering about the new test portal named MAPIT.



A webinar on “Introduction to MyAnatomy evaluation system”


Date: 11- May-2020

Time : 5:00 pm

Resource Person

Mr. Vishal Kumar Dhiman
Assistant Professor, Chitkara University
Rajpura, Punjab - 140401

Register online

 <https://teams.microsoft.com/l/message/19:b1656ff143594b7dadf6d87f4b1aa028@thread.tacv2/1590734132521?groupId=9d06f643-4550-42b0-865a-7e81c65dc3>

Organizer

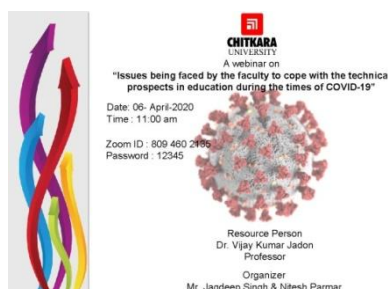
Mr. Nitesh Parmar
Assistant Professor, Chitkara University
Rajpura, Punjab – 140401
Tel. : +91-9780900184



REPORT ON ISSUES BEING FACED BY THE FACULTY TO COPE WITH THE TECHNICAL PROSPECTS IN EDUCATION DURING THE TIMES OF COVID-19

EVENT DETAILS	
Event Name	Webinar
Topic	Issues being faced by the faculty to cope with the technical prospects in education during the times of COVID-19
Date	06/04/2020
Time	11.00 AM to 12.00 PM
Organized By	Department of Civil Engineering

The session started with introductory speech in which Mr. Jagdeep Singh welcomed the Dr. Vijay Kumar Jadon and all the guests and made aware the audience regarding the session. The Expert shared his technical knowledge and experience with the audience and inspired the audience with his speech. All the faculty members of Mechanical, Mechatronics and Civil Engineering attended the program and enrich their knowledge.



Outcomes of the session:-

Advantages:

- Allows innovative methods of teaching with the help of technology and online tools
- Allows reaching out to a large number of students across geographies
- Especially useful for distance learning

Disadvantages:

- Online teaching takes time and practice
- There is little consensus on how students can be evaluated in a fair manner
- Inability to have a face-to-face connect with students and facilitate free conversations, discussions, and mentoring
- Inability to reach all students because of technological limitations **Students during the session**

Event: **Student Induction Programme**
Date: **23rd -30th August 2019**
Venue: **Einstein Hall, Chitkara University, Punjab**
Organized By: **Department of Computer Applications**
Organizer: **Ms. Vandana, Associate Professor Department of Computer Applications**

Student Induction Programme, at Department of Computer Applications, Chitkara University, Punjab covered following aspects wherein the incumbents learn about the institutional policies, processes, practices, culture and values:

- Social Behavior
- Culture and Values
- Acceptance and Ease@ campus
- Learn to think and act Smart
- Familiarity with new environment
- Gaining the momentum with seniors and faculty
- Team Spirit



Students attending Induction Programme



Students learning through group activity

Event: **Two-Day workshop on Fundamentals of Cyber-Physical Systems**
Date: **03-04 September 2019**
Organized By: **Computer Society of India (CSI) Student Chapter, under the aegis of the Department of Computer Applications, Chitkara University, Punjab**
Resource Person: **Ms. Vidhyotma Gandhi, Assistant Professor**

Computer Society of India (CSI) Student Chapter, under the aegis of the Department of Computer Applications, Chitkara University, Punjab organized 2-Day workshop on Fundamentals of Cyber-Physical Systems on 03-04 Sep 2019. Students from various departments participated in the workshop. Ms. Vidhyotma Gandhi, Assistant Professor, Department of Computer Applications was the resource person. She gave hands-on experience to the students to know the basics of Cyber-Physical Systems (CPS), installations of OS on Raspberry Pi, configurations using Python, IoT cloud Environment and to transmit the sensor data on the cloud. Students also learned about the correlation between CPS and IoT. Students participated in workshop enthusiastically. Dr. Jaiteg Singh Dean and Professor, Department of Computer Applications and Mr. Preetinder Singh Brar, Program In charge, applauded the efforts of resource person along with CSI core team members.



Two-Day workshop on Fundamentals of Cyber-Physical Systems

Event: **Excuberanza 2020**
Date: **29th Jan, 2020**
Organized By: **Matrix Club under the aegis of Department of Computer Applications, Chitkara University, Punjab**
Event Coordinator: **Ms. Vandana, Associate Professor.**

Matrix Club under the aegis of **Department of Computer Applications** organized their **Annual event Excuberanza 2020** on 29th Jan 2020.

The event comprised of technical, literary and fun activities i.e **Pictionary, Logo Designing, Treasure hunt and Ad making on mobile.**

Relatively large number of students participated in the event from the whole campus with full zeal and enthusiasm.

Dr. Jaiteg Singh, Dean Department of Computer Applications, **Dr I.S Sandhu**, Dean Examination, **Dr .Ashutosh Mishra**, Dean Chitkara School of Mass Communication, **Dr.Pankaj Kumar**, Prof. and Head (P.hD Programme), CURIN and **Mr.Preetinder Singh Brar**, Program Incharge Department of Computer Applications gave away prizes and certificates to the winners.

Total Number of Participants: 250 approx



Anchors for the Event



Prize Distribution Ceremony

Event: **Workshop on Software Testing Automation**

Date: **8th February 2020**

Venue: **Chitkara University, Punjab**

Organized By: **Department of Computer Applications**

Resource Person: **Mr. Sumit Singh Gill**

Computer Society of India (CSI) Student Chapter, under the aegis of Department of Computer Applications, Chitkara University, Punjab, organized a workshop on **Automation(Software Testing)** on 08February 2020.

More than 90 students of BCA and MCA participated for the workshop. Mr. Sumit Singh Gill (Customer Success Team, bebo Technologies) and Miss Shaveta (Software Testing Expert, bebo Technologies) were the resource persons for the workshop. The students got an insight of Software Testing Automation through hands-on experience. Experts taught about installation and use of Selenium tools for testing. Students demonstrated keen interest to learn the automated software testing.

The experts also organized a short quiz and distributed prizes to winners. Dr. Jaiteg Singh, Professor and Dean, Department of Computer Applications felicitated the resource persons and applauded the efforts of the CSI core team members for planning and executing the workshop.



Workshop on Software Testing Automation

Event:	Two-Day workshop on CPS: Environment Automation & Control
Date:	26th – 27th February 2020
Venue:	Chitkara University, Punjab
Organized By:	Department of Computer Applications
Organizer:	Dr. Vidhyotma, Assistant Professor

Computer Society of India (CSI) Student Chapter, under the aegis of the Department of Computer Applications, Chitkara University, Punjab organized 2-Days workshop on “CPS: Environment Automation & Control” on 26-27 February 2020. 42 Students from various departments participated in the workshop. Ms. Vidhyotma Gandhi, Assistant Professor, Department of Computer Applications was the resource person. She gave the rudimentary knowledge of Cyber Physical System (CPS) and Internet of Things (IoT). Students enthusiastically participated in the hands-on session during the workshop. Session included installations of OS on Raspberry Pi, Pi configurations, basics of Python and sensors interfacing. With the help of multiple sensors few project ideas designing was also discussed. Dr. Jaiteg Singh, Professor and Dean, Department of Computer Applications applauded the efforts of resource person and of the CSI core team members and also encouraged the students to put their knowledge to best use by coming up with useful projects.



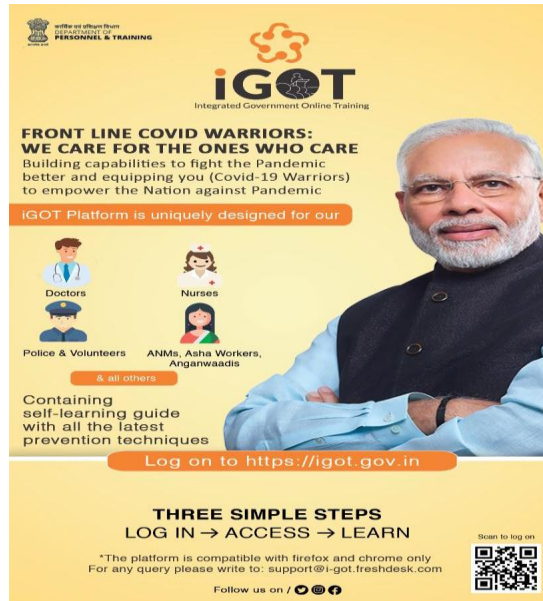
Two-Day workshop on CPS: Environment Automation & Control

Event: **Integrated Govt. Online Training courses on DIKSHA Platform**
 Date: **19th April 2020**
 Organized By: **Department of Computer Applications under the aegis of NSS, Chitkara University, Punjab**
 Faculty Coordinator: **Ms. Vandana, Associate Professor**

Around 110 NSS and some NCC volunteers of Department of Computer Applications under the aegis of NSS, Chitkara University had undergone the online training on COVID-19 during lockdown period as per information received from office of Director of Public Instructions, Punjab. The motivation behind the training courses emerged because large force would be needed to replace the first line workers of COVID-19 and to tackle the exponential or geometric increase in positive COVID -19 cases. So NSS volunteers needs to be trained and the launch of iGOTplatform had been fast forwarded using MoHRD DIKSHA as a host. There were many NSS modules of training like Health Education for home Quarantine, COVID Myths and Facts, Discharge of COVID 19 Patient, Health Education and Precautionary measures related to COVID under which students attained the certificates.

DEPARTMENT OF PERSONNEL & TRAINING
A BIG THANK YOU TO COVID-19 WARRIORS!
 The Government is dedicated to equipping all our front line warriors with capabilities to fight COVID -19 Pandemic
LAUNCHING TODAY
iGOT
 Integrated Government Online Training
iGOT Platform is uniquely designed for our
 Doctors, Nurses, Police & Volunteers, ANMs, Asha Workers, Anganwaadis & all others
 Containing self-learning guide with all the prevention techniques to fight COVID-19
Log on to <https://igot.gov.in>
THREE SIMPLE STEPS
LOG IN → ACCESS → LEARN
 *The platform is compatible with firefox and chrome only
 For any query please write to: support@i-got.freshdesk.com
 Scan to log in
 Follow us on

Poster of iGOT Training



**Office of the Director General
PERSONNEL & TRAINING**

iGOT
Integrated Government Online Training

**FRONT LINE COVID WARRIORS:
WE CARE FOR THE ONES WHO CARE**
Building capabilities to fight the Pandemic
better and equipping you (Covid-19 Warriors)
to empower the Nation against Pandemic

iGOT Platform is uniquely designed for our


Doctors
Nurses
Police & Volunteers
ANMs, Asha Workers,
Anganwadis
& all others


Containing
self-learning guide
with all the latest
prevention techniques

Log on to <https://igot.gov.in>

THREE SIMPLE STEPS
LOG IN → ACCESS → LEARN

*The platform is compatible with firefox and chrome only
For any query please write to: support@i-got.freshdesk.com

Follow us on / 

Scan to log on 



iGOT

Acknowledgement of Completion

This is to acknowledge that
Nisha Garg
has successfully completed the training
Basics of COVID-19
on **30 April 2020**.

   **DEPARTMENT OF
PERSONNEL & TRAINING**  Scan to Verify



iGOT

Acknowledgement of Completion

This is to acknowledge that
Paras Paruthi
has successfully completed the training
Infection Prevention and Control
on **05 May 2020**.

   **DEPARTMENT OF
PERSONNEL & TRAINING**  Scan to Verify

Certificates of Completion

Type of Event: Workshop on Ajax & JQuery

Date: 11th – 15th May 2020

Mode of Delivery: Online

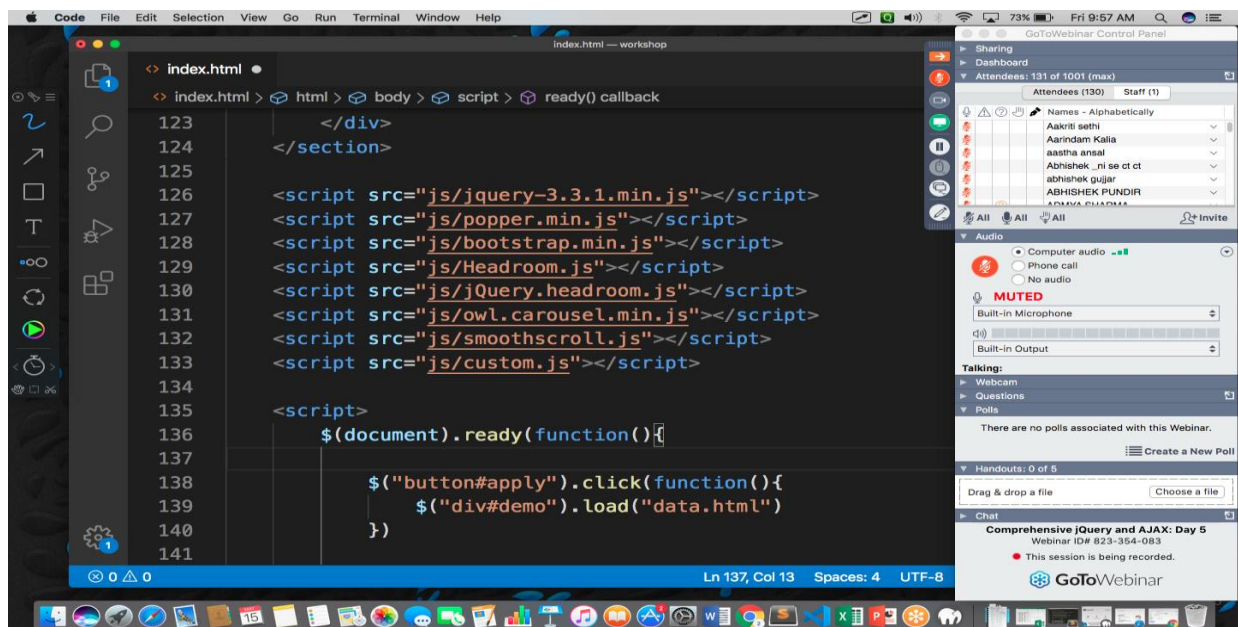
Name of Resource person: Dr. Rajesh Kumar Kaushal

No. of Students Enrolled: Approximate 130

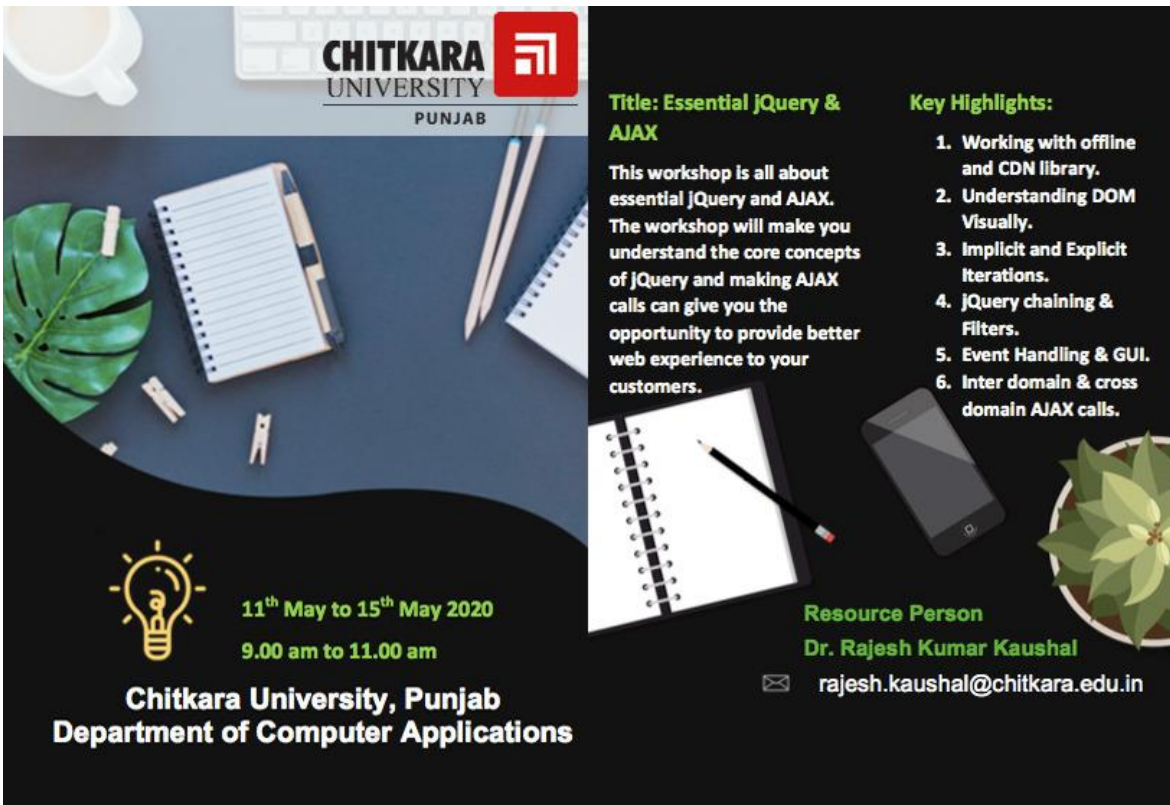
Rajesh Kumar Kaushal, Associate Professor, Department of Computer Applications, organized a 5 Days workshop on Essential jQuery & AJAX. The agenda of the workshop was to enable the students to make fully functional website by teaching jQuery and AJAX concepts. The workshop was conducted in the online mode due to COVID 19.

Learning Outcomes

- 1) Installing and Integrating jQuery library into HTML.
- 2) Making dynamic web pages by manipulating DOM (Document object model) with jQuery.
- 3) Making AJAX calls for better user experiences.
- 4) To train the students in making fully functional dynamic websites.



Online Hands-on Session



CHITKARA UNIVERSITY
PUNJAB

Title: Essential JQuery & AJAX

This workshop is all about essential JQuery and AJAX. The workshop will make you understand the core concepts of JQuery and making AJAX calls can give you the opportunity to provide better web experience to your customers.

Key Highlights:

1. Working with offline and CDN library.
2. Understanding DOM Visually.
3. Implicit and Explicit Iterations.
4. jQuery chaining & Filters.
5. Event Handling & GUI.
6. Inter domain & cross domain AJAX calls.

11th May to 15th May 2020
9.00 am to 11.00 am

Chitkara University, Punjab
Department of Computer Applications

Resource Person
Dr. Rajesh Kumar Kaushal
✉ rajesh.kaushal@chitkara.edu.in

Brochure of the Event

Event: **Programming Essentials in Python**
 Date: **18th – 22th May, 2020**
 Mode of Delivery: **Online**
 Organized By: **Department of Computer Applications**
 Organizer: **Dr. Naveen Kumar, Assistant Professor, Department of Computer Applications**

No. of Students Enrolled: **223**

Department of Computer Applications has conducted Technical workshops for the students to enhance their technical skills. Seeing the current epidemic conditions these workshops were conducted through online portal.

A five days Workshop/Webinar was organized from May 18-22, 2020 by the Department of Computer Applications. The Learning outcomes of the workshop are:

Learning Outcomes

- 1) Introduction to Python Programming, Features of Python, Installation, Data Types, Operators, Decision Making
- 2) String slicing and indexing, Introduction to Python Data Structures, how to make a list, List function, List Comprehension
- 3) How to create Dictionary, operations on dictionary, Tuples, Introduction to Python Function, Default Function and Function overloading
- 4) Python Object Oriented, Class, Member variable and functions of a class, Accessing members of a class, Constructor and Destructor
- 5) Inheritance (Single, Multiple and Multilevel)

```
#Day4
#How to make a class
class Employee(): #Employee is the name of the class
    def get_Data(self): #self representing the calling object
        print("get_Data() is called")
    def display_Data(self):
        print("display_data() is called")

#-----main body-----
emp1=Employee() #emp1 is an
emp2=Employee() #emp2 is ar
emp1.get_Data()
emp1.display_Data()
```

```
Python 3.7.3 Shell
Python 3.7.3 [v3.7.3:ef4ec6ed12,
tel] on win32
Type "help", "copyright", "credi
>>>
===== RESTART: C:\Users\TIDE
get_Data() is called
display_data() is called
>>>
```

Screen Shot of Faculty Members attending the online Workshop

Brochure of the Event

Workshop on Programming Essentials in Python

Dr Naveen Kumar (Resource Person)

Day
1

Introduction to Python Programming, Features of Python, Installation, Data Types, Operators, Decision Making



Day
2

String slicing and indexing, Introduction to Python Data Structures, How to make a list, List function, List Comprehension



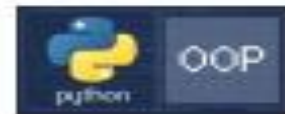
Day
3

How to create Dictionary, operations on dictionary, Tuples, Introduction to Python Function, Default Function and Function overloading



Day
4

Python Object Oriented, Class, Member variable and functions of a class, Accessing members of a class, Constructor and Destructor



Day
5

Inheritance (Single, Multiple and Multilevel)



Department of Computer Applications

18-22 May 2020

FDP: **Machine Learning Using Weka**
Date: **25th -29th May 2020**
Mode of Delivery: **Online**
Organized By: **Department of Computer Applications**
Organizer: **Dr. Ruchi Mittal, Professor**
Department of Computer Applications

Computer Society of India (CSI) Student Chapter, under the aegis of the Department of Computer Applications, Chitkara University, Punjab organized FDP on “Machine Learning using Weka”. Resource Person were Dr. Ruchi Mittal. The modern age is driven by data and analysis of this data shall potentially have tremendous impact on our future. One technique that makes effective use of data for prediction and analysis is machine learning. This FDP intended to covers and demonstrate the theoretical and practical aspects of selection algorithms in a simplified manner with hands-on session on Weka. Researchers will find the utility of the learnings from this FDP in their research work. 30 Faculty Member Participated.

Introduction to Decision Tree Classifier

Id, age, income, student, credit_rating, Buy_Computer

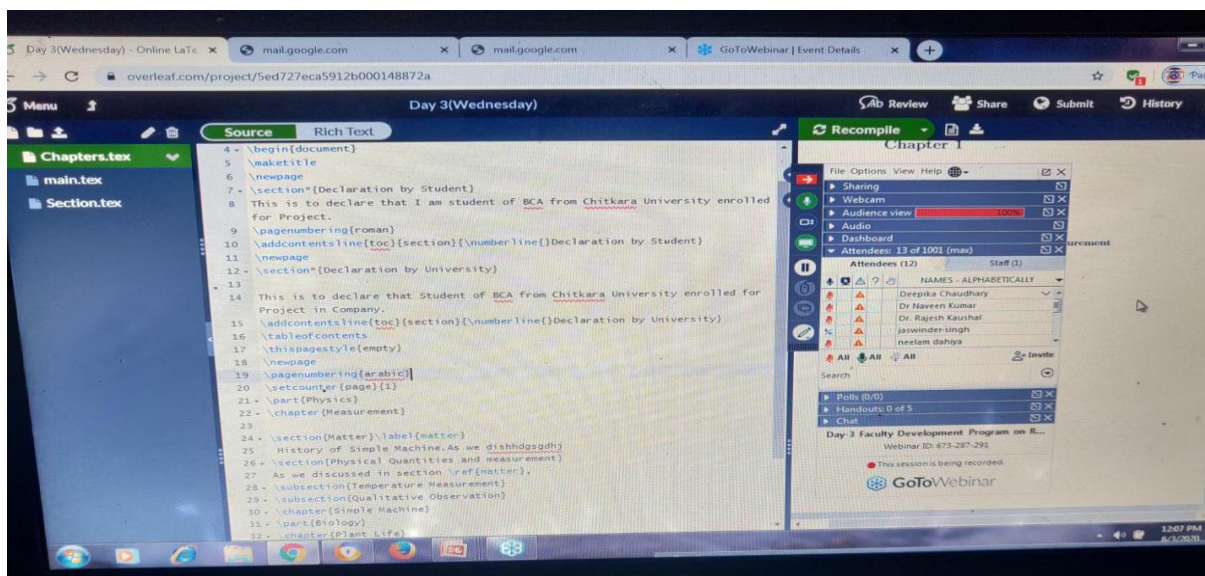
```
graph TD
    A[age] -- young --> B[Student?]
    A -- middle-aged --> C[yes]
    A -- senior --> D[Credit_rating?]
    B -- no --> E[no]
    B -- yes --> F[yes]
    D -- fair --> G[no]
    D -- excellent --> H[yes]
```

Decision tree to predict whether a customer will buy a computer or not

FDP on Machine learning using Weka

FDP: **Research Document Preparation Using Overleaf**
Date: **1st to 5th June 2020**
Mode of Delivery: **Online**
Organized By: **Department of Computer Applications**
Organizer: **Dr. Amandeep Kaur, Associate Professor Department of Computer Applications**

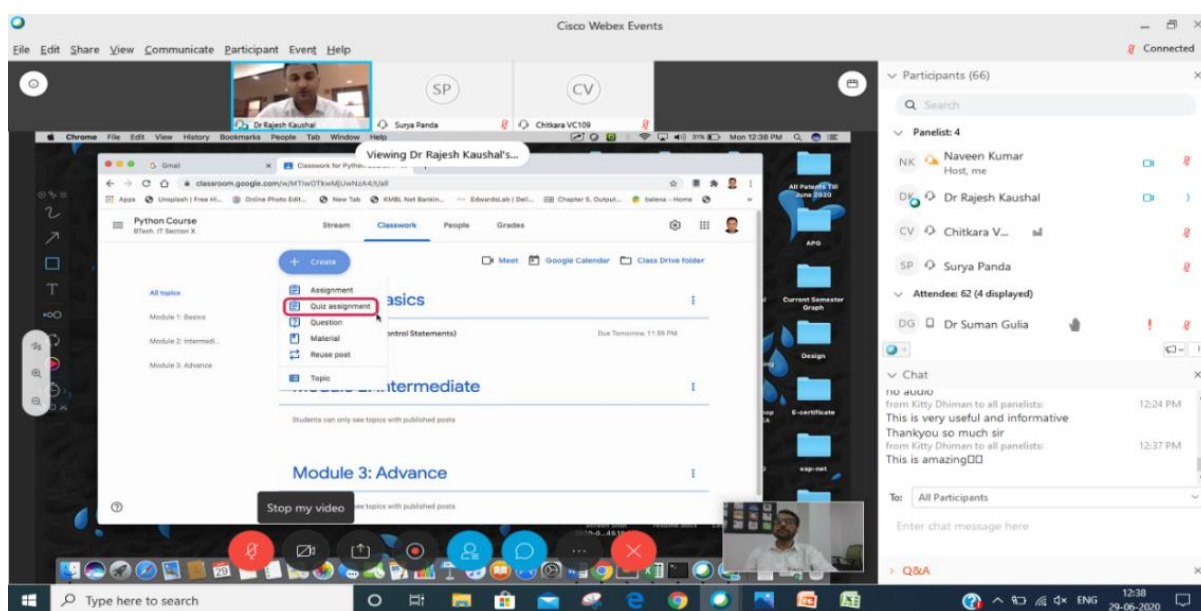
Computer Society of India (CSI) Student Chapter, under the aegis of the Department of Computer Applications, Chitkara University, Punjab organized a “Faculty Development Program on Research Document Preparation Using Overleaf” from June 1, 2020 to June 5, 2020. There were 25 faculty members participated in Faculty Development Program enthusiastically. Dr. Amandeep Kaur, Associate Professor gave hands on experience to the faculty members about Research Document Preparation in Overleaf. The main objective of this Faculty Development Program was to make participants aware of the Overleaf tool. At the end of the FDP, the participants were able to do manuscript formatting and referencing by using the Overleaf for changing one format to another in just a click.



FDP on “Research Document Preparation Using Overleaf”

Webinar: **Learning Tools in the Age of Innovation**
Date: **29th June 2020**
Mode of Delivery: **Online**
Organized By: **Department of Computer Applications**
Organizer: **Dr. S.N.Panda, Dr. Rajesh Kaushal and Dr. Naveen Kumar**
Department of Computer Applications

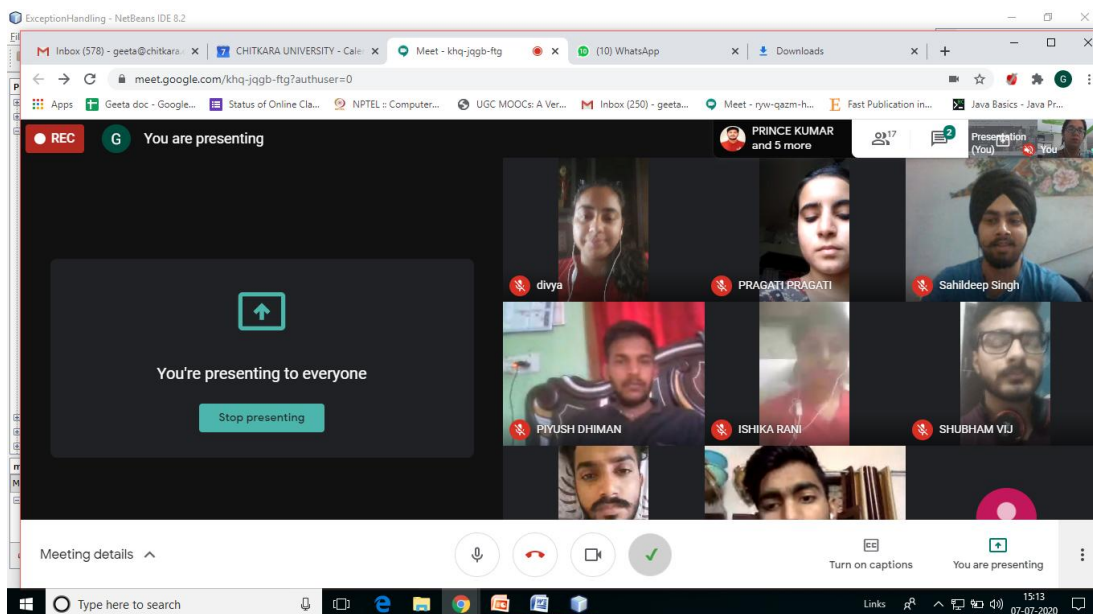
Computer Society of India (CSI) Student Chapter, under the aegis of the Department of Computer Applications, Chitkara University, Punjab organized Webinar on “Learning Tools in the Age of Innovation”. Dr. S.N.Panda, Dr. Rajesh Kaushal and Dr. Naveen Kumar delivered a webinar on the topic “Learning Tools in the Age of Innovations” on 29th June 2020. More than 70 participants from 30 different colleges attended this webinar. During the webinar, Dr. S.N.Panda shared various innovation practices and Dr. Rajesh Kaushal shared various tips and tricks to use the Google Classroom platform. In addition, Dr. Naveen Kumar trained the participants to deal with the Google Forms.



Screenshot of online webinar

Workshop: **Object Oriented Programming using JAVA**
Date: **27th June -3rd July 2020**
Mode of Delivery: **Online**
Organized By: **Department of Computer Applications**
Organizer: **Ms. Geeta, Associate Professor, Department of Computer Applications**

Computer Society of India (CSI) Student Chapter, under the aegis of the Department of Computer Applications, Chitkara University, Punjab organized Workshop on “Object Oriented Programming using JAVA”. Java is one of the popular language because of its platform Independence, simplicity, security and multithreading facility etc. It can be used for verity of applications ie. Desktop applications, web applications, enterprise applications to mobile applications. Java continues to stand out since it gives people options and it can be adapted and customized for any project. More than 64,000 companies are using Java in the US. Coming specifically to the big companies, Airbnb, Uber, LinkedIn, eBay, Pinterest, Groupon, Spotify, Pandora, Square are best examples which are using Java. It is very important for students to learn Java to boost their career. Dr. Geeta were resource person and **33 students** participated in the workshop.



Students attending online session of the workshop

National Anaesthesia and Operation Theatre Technology Day**Date- 19th July 2019****Resource Person: - Dr. Jaswinder, MBBS, DNB, Registrar, Fortis, Mohali****Faculty In charge- Dr. Kiranjeet Kaur, Assistant Professor, CSHS**

The National Anesthesia and Operation Theatre Technology Day were celebrated on 19th July, 2019 at Pulitzer Hall by Chitkara School of Health Sciences Chitkara University, Punjab. The occasion was started by Dr. Kiranjeet Kaur, who gave an overview on the importance and need of celebrating this event. The expert talk was given by Dr. Jaswinder, MBBS, DNB, Registrar, Fortis, Mohali in which he highlighted the roles and responsibilities of Operation theatre technology (OTT) and anesthetist in operation theatre as well as other parts of hospitals. Further, the students of Allied Health Sciences and Optometry participated with enthusiasm and gained the knowledge from the talks. Further, the quiz session was held followed by a play by the OTT students highlighting the importance of bridge between the Academics and hospital practice. The vote of thanks was given by Dr. Meenakshi Sood, Deputy Dean and shared her words of wisdom with (170) all the participants.



Grand Round: Breast Cancer

Date: 27th August 2019

Faculty In charge- Ms. Chanchal Kaushik, Asst. Professor, CSHS

The Second Grand Round of semester July- Dec 2019 was delivered by Ms. Chanchal Kaushik on the topic Breast Cancer, in Pierre Hall, Architecture Block. Vanshika Pathania (BSc MIT) and Sofia Ali (BSc MLT) were the student presenters for the grand round. Audience was undergraduate and master's students of AHS and Optometry. In her talk, Total no of Participants 66. she spoke about the trends of Breast Cancer in India, its statistics across globe and the increased occurrence in young age group and lack of awareness. Anatomy and physiology of breast was also discussed along with risk factors leading to breast cancer by Vanshika and Sofia. Ms. Chanchal focused on early diagnosis strategies, providing timely access to cancer treatments by reducing barriers to care, screening and clinical breast examination. She also shared the diagnostic techniques and investigations done for diagnosis. Lastly a case study was also shared & discussed with the audience along with breaking some myths, sharing the breast cancer awareness programs. Overall the lecture was insightful and very informative.



Grand Round: Breast Cancer

Grand Round: Convergence Insufficiency (CI)**Date: 16th September 2019****Faculty In charge- Pinaz Nasim, Asst. Professor, CSHS**

The Grand Round was on the Convergence Insufficiency (CI), which is the most prevalent non strabismic binocular vision anomaly in the school aged children. When it happens then the daily life of the individual gets hampered. One will not be able to concentrate in studies even. It was presented by Pinaz Nasim, Assistant professor. The AHS students were invited and made aware of the symptoms, its diagnosis and its treatment. The students were detailed with the asthenopia symptoms, the findings of the investigation including the recently introduced Convergence Insufficiency Symptom Survey, the treatment with vision therapy and improvement in each follow up visit. Total no. of participants in this event 115. The questions asked to the students at the end of the grand round were well answered. The programme was concluded with great this great learning.

**Grand Round: Convergence Insufficiency (CI)**

Grand Round: Liver and Bilirubin**Date: 10th Oct 2019****Faculty coordinator- Ms Gurvinder Kaur Rana, Asst. Professor, CSHS**

Grand round was conducted on 10.10.2019 at 9:00 A.M in Einstein hall, Galileo block Chitkara University. The topic of grand round was liver and bilirubin. The main audience was allied health science students (OTT, MIT, MLT, OPTO, and DTT) 1st and 3rd semester at also faculty members present in this event. Total no of participants in this event were 210. She sensitized students about the anatomy, physiology of liver, the bilirubin production, metabolism. She also touched the various diseases related to liver and increased bilirubin. Students cleared their concepts and queries for the same. Overall, it enhanced the knowledge of everyone present there.



Ms. Gurvinder delivering her lecture to students



Faculty members and students listening to the lecture

World Mental Health Day

Theme: Young People and Mental Health in a Changing World

Date: 10th October 2019

Resource Person:

Dr. B.K. Waraich (MBBS, MD psychiatry)

Ms. Harsuchetan Kaur, art-based therapy counsellor from TISS, Mumbai

Faculty In charge- Dr. Navita Gupta, Asst. Professor, CSHS

An awareness program on World Mental Health Day went successful today i.e. on 10th October, 2018. Special highlights of the event were the Nukkar Natak (Tareeka) in which 25 students enthusiastically participated and gathered the campus attention and appreciation. More than our 40 students roamed in the campus for crowd calling in unique style. On the other hand, 23 students participated in poster presentation in which they did not just outstayed their performance by making the posters but also competed remarkably in defending their respective posters. Dr. Bunty Sharma, Assistant Professor, CSHS and Dr. Amarjot Kaur, Associate Professor, Chitkara College of Pharmacy judged the event and raised the level of competition by bombarding their analytical questions. The battle of questions was combat by the students of B.Sc Allied Health Sciences and MBA Healthcare. Although the competition went neck to neck, the MIT 3rd semester students bagged the first and second position in poster presentation. Special thanks to Dr. Meenakshi Sood, Deputy Dean, CSHS for being the motivation for the event. The highlights of event which were captured by Zubair, B.Optom 3rd semester student.



B.Sc AHS student being awarded for Poster Competition



World Mental Health Day 2019

Global Hand Washing Day

Date: 15th October 2019

Faculty coordinator- Ms. Pallavi Aggarwal, Assistant Professor, CSHS

Global Hand washing Day is a campaign to motivate and mobilize people around the world to improve their Hand washing habits. It observed annually on 15th October and dedicate to raising awareness of hand washing with soap as key factor in disease preventing. The 2018 Global Hand washing Day theme is “Clean hands – a recipe for health.” This year’s theme focuses on the links between hand washing and food – including food hygiene and nutrition. Hand washing at critical times, especially before cooking, eating, or feeding others is one of the most important ways to keep food clean and safe, prevent diseases, and help children grow strong. Connecting hand washing to an existing habit – like a meal – is a great way to form proper hand washing habits. This year’s theme reminds us to make hand washing a part of every meal. Hence, realizing the importance of hand washing, Chitkara School of Health Sciences observed Global Hand washing Day on 15th November at Chitkara University, Punjab. The awareness regarding the need of hand washing on daily basis was given to mess workers and support staff of Chitkara University. About 80 people participated in the event. The various hand washing steps according to WHO were demonstrated practically by CSHS faculty and students. The steps includes:-

- Wet your hands and apply enough soap
- Rub your palms together
- Rub the back of each hand
- Rub both your hands while interlocking your fingers
- Rub the back of your fingers
- Rub the tips of your fingers.
- Rub your thumbs and the ends of your wrists
- Rinse both hands properly with water.

Teaching people about hand washing helps them and their communities stay healthy. These kinds of initiative will surely help people to stay healthy.



Handwashing Day

World Diabetes Day

Date: 15th Nov 2019

Faculty In charge- Dr. Bunty Sharma, Asst. Professor, CSHS

CSHS organized an awareness workshop in Primary health centre, Kalomajra on 15.11.2019. Dr. Bunty was invited as guest speaker by SMO on 15.11.2019. The target audiences were lab staff, patients, cleaning staff and workers. DTT students Rayees and Akash along with OTT students Prashansa, Charanjit, Hilal, Yashodra, and Riya participated in poster presentation and Skit on Diabetes. Staff and audience appreciated the efforts of CSHS for organizing this workshop. Total 7 students participated in this event. All knowledge helps the students.



World Diabetes Day: Dr Bunty Sharma and AHS students with the staff of PHC, Kalomajra



Dr Bunty delivering her talk on Diabetes

Grand Round: Splenomegaly and Hepatomegaly**Date: 18th Nov 2019****Faculty coordinator- Dr. Meenakshi Sood, Assistant Professor, CSHS**

Grand round was conducted on 18 November, 2019 at 10:00 A.M in Einstein hall, Galileo block Chitkara University. The topic of grand round was related Health. The main audience was allied health science students (OTT, MIT, MLT, OPTO, and DTT) 1st and 3rd semester approx. 210 at also faculty members present in this event it was provided much knowledge for everyone. Health was earlier said to be the ability of the body functioning well. However, as time evolved, the definition of health also evolved. It cannot be stressed enough that health is the primary thing after which everything else follows. When you maintain good health, everything else falls into place Similarly, maintaining good health is dependent on a lot of factors. It ranges from the air you breathe to the type of people you choose to spend your time with. Health has a lot of components that carry equal importance. If even one of them is missing, a person cannot be completely healthy. Constituents of Good Health First, we have our physical health. This means being fit physically and in the absence of any kind of disease or illness. When you have good physical health, you will have a longer life span. One may maintain their physical health by having a balanced diet. Do not miss out on the essential nutrients; take each of them in appropriate quantities. Secondly, you must exercise daily. It may be for ten minutes only but never miss it. It will help your body maintain physical fitness. Moreover, do not consume junk food all the time. Do not smoke or drink as it has serious harmful consequences. Lastly, try to take adequate sleep regularly instead of using your phone. Next, we talk about our mental health. Mental health refers to the psychological and emotional well-being of a person. The mental health of a person impacts their feelings and way of handling situations.

We must maintain our mental health by being positive and meditating. Subsequently, social health and cognitive health are equally important for the overall well-being of a person. A person can maintain their social health when they effectively communicate well with others. Moreover, when a person is friendly and attends social gatherings, he will definitely have good social health. Similarly, our cognitive health refers to performing mental processes effectively. To do that well, one must always eat healthily and play brain games like Chess, puzzles and more to sharpen the brain.



Grand Round 7

Radio Talk: Health & Environment**Date: 24th July, 2019****Faculty coordinator- Dr. Navita Gupta, Asst Professor, CSHS**

Radio Talk has been recorded by B.Sc. MIT 3rd Semester students (Shaina, Manjot, Shekhar, Kangan, Preksha and Sakshi) on Health and environment. No. of Participants in this event were 5. It was played on air the same day at 5:00 pm and 9:00 am on the next day (25th July 2019) on 107.8 Radio Chitkara FM at Chitkara University. Environmental health is the origin of public health. Even in ancient times, people understood the importance of providing safe water and food, adequate shelter and clean air for ensuring prosperity and growth. Later on, in the nineteenth century and applying modern epidemiological methods, John Snow demonstrated the essential need to address the risks in our environment if we are to protect and promote people's health.

**Radio Talk: Health & Environment**

Grand Round: Lung Cancer**Date: 4th February, 2020****Resource Person: Ms. Pallavi Aggarwal, Asst. Professor, CSHS**

CSHS conducted its 1st grand round of the current semester Jan – Jun 2020. Grand rounds are methodology of medical education, consisting of presenting the medical background of a system, problems and treatment of a particular patient to an audience who could be benefitted with the knowledge. Ms. Pallavi Aggarwal (Assistant Professor, CSHS) presented the topic of lungs where its whole background of development, anatomy, physiology, biochemistry and microbiology were discussed and assisted with animated video for better understanding of the students. The presentation moved to its last segment of pathology where lung cancer and its case study was discussed to gel in with the cancer day which happened to be on the same day. Mr. M. D. Jasim (Student of BSc. MIT, CSHS) also contributed his efforts in the presentation with anatomy, physiology and radio diagnosis part. The audience included all the teachers, lab technicians, students and deputy dean of the allied health sciences and optometry department of CSHS. The external guests from Can-support also marked their presence during the event. Total 225 students participated.



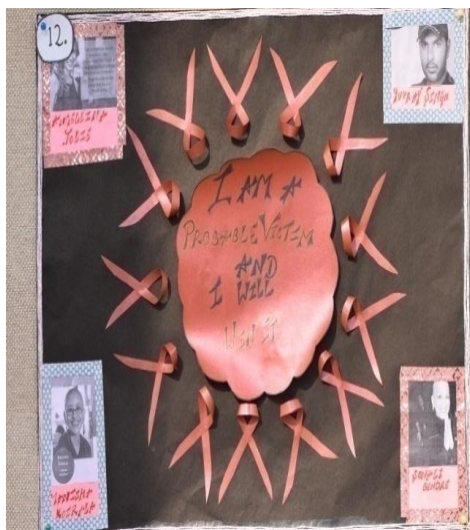
Jasim, student of B. Sc AHS MRIT & Ms. Pallavi Aggarwal, Assistant Professor delivering their lecture

World Cancer Day
Date: 4th February, 2020

Resource Person: Dr. Meenakshi Sood, Deputy Dean, CSHS

Guest Speakers (Can support NGO): Ms. Jaspal Kaur, Ms. Savita, Mr. Gaurav Sharma and Mr. Avneesh Bhardwaj

World Cancer Day was organized on 4th February 2020 in Einstein hall, Galileo block. The guest speakers were from Can Support an NGO (Ms. Jaspal Kaur, Ms. Savita, Dr. Gaurav Sharma and Mr. Avneesh Bhardwaj). The major highlight of the guest speakers was upon Palliative Home Care especially for Cancer patients and they also made the students do a role play activity depicting the importance of communication in providing health care. Audience was the students of B.Sc. MRIT, MLT, OTT, DTT, and Optometry (2nd and 4th semester), Faculty of AHS and supporting staff. A Slogan writing competition was also organized for the students and they enthusiastically participated in the competition. A walk for awareness was also conducted in the campus in which all the guests of the day, students and faculty members participated. Approximately 250 participated in this event.



**Poster in display on the occasion of
World Cancer Day**



**Students marching on rally on the
occasion of World Cancer Day**

Career Talk for Optometry Students

Date: 29th Feb, 2020

Resource Person:

- Ms. Runa Sengupta, Head HR
- Mr. Ganesh Kumar- business & start up consultant

Faculty In charge: Mr. Shankar, Asst. Professor, CSHS

Essilor visited Chitkara Business School's Healthcare Management on 29th Feb, 2020. The students of Optometry from Chitkara School of Health Sciences attended the visit along with the MBA health care students in Warren buffet hall. On the behalf of Essilor Ms. Runa Sengupta, Head HR and Mr. Ganesh Kumar- business & start up consultant interacted with the students and the shared the knowledge and job opportunity in Essilor India. She gave a presentation on Essilor products and program names "Eye Mitra". Eye Mitra, is one of Essilor's flagship inclusive business programs created to increase awareness and access to vision care for underserved populations as well as to improve local livelihoods. The program addresses three key issues: providing vision correction, developing skills and creating jobs. Eye Mitra adopted Telangana a state of India to make the people refractive error free by providing glasses or contact lenses. No. of participants in this event 36.



Welcoming the Resource Person



Student's listening to the talk by Ms Runa Sengupta

Vestibular Rehabilitation

Event Name: Vestibular Rehabilitation

Venue: GB511

Date: 06.08.2019

Organized by: Department of Physiotherapy, CSHS

Hands on Workshop on “Vestibular Rehabilitation”, was organised by Department of Physiotherapy, Chitkara School of Health Sciences, Chitkara University in collaboration with Synapse Physio Pvt Ltd on 6th August 2019. This hands on workshop was initiated by Dr G.K Balaji, Principal, Department of Physiotherapy, Chitkara School of Health Sciences. Dr Karthik Babu S, Associate Professor, SOAHS, Manipal Hospital, Bangalore conducted this workshop. The workshop was organized to provide an insight about the vestibular disorders, various assessment techniques and the respective intervention and application of these principles in clinical practice. Feedback of the delegates was recorded as the workshop being of great help to improve clinical skills and will contribute in bringing out the functional ability of the patient. Thirty seven students participated in this workshop.



Vestibular Rehabilitation

INTRODUCTION TO OSTEOPATHY

Event Name: Introduction to Osteopathy

Venue: Einstein hall

Date: 16.11.2019

Organized by: Department of Physiotherapy, CSHS

The Department of Physiotherapy, Chitkara School of Health Sciences, in association with Synapse Physio Pvt. Ltd. had organized a one day workshop on 'INTRODUCTION TO OSTEOPATHY' on 16th November 2019 in the Einstein Hall, Galileo block from 10:30 am to 3:30 pm. The course instructor was De Koning Adrianus Jacobus.

About the instructor: De Koning Adrianus Jacobus, Doctor of Osteopathy medicine, Bsc, MROI, is a director of International Institute of the Osteopathic Manual Medicine. He has 40 years of clinical experience.

About the workshop: The workshop was hosted by the Dr. G K Balaji, Principal, Department of Physiotherapy and the faculty members. Various candidates from Chitkara University and other parts of the country attended the workshop.

The instructor witnessed the diversity of the campus and warm welcome by the Chitkara family followed by the workshop commencement. The workshop was divided into two sessions, morning and afternoon. The instructor AJ gave a brief introduction about the concept of Osteopathic Manual Medicine in the morning session of the workshop. The morning session was followed by a lunch organized by the department. The afternoon session was a great learner for the candidates who attended the workshop as AJ by himself showed hands-on approach of osteopathy medicine on some of the candidates present in the workshop. The session included assessment of impairment and treatment of the same.

The workshop culminated by distribution of the certificates and felicitation of the workshop instructor.



Introduction to Osteopathy

Independence Day (Radio Discussion Show)Date- 15th August 2019

Venue- Community Radio (Chitkara University)

Resource Person: Ms. Gurjeet Kaur

With freedom in mind, faith in words, pride in our souls let's salute the Nation on this Independence Day. Students from Government senior secondary smart school visited Radio Chitkara to have a talk on the topic ' How this new generation can foster the qualities of patriotism in the people of India?' Chitkara school of Mass communication has organized a talk show in collaboration with NSS where students participated actively by reciting poetry, singing songs related to patriotic vibes. Total 15 participants including NSS Volunteers and School students showcased their talent by giving their own point of view.



Students from Government senior secondary smart school visited Radio chitkara to have a talk on the topic ' How this new generation can foster the qualities of patriotism in the people of India?'

World Photography Day

Date- 19th August 2019

Venue- Chitkara School of Mass Communication Department

Innovative in the moment: Celebrating the art of photography, Chitkara School of Mass Communication and NSS Department commemorated 'World Photography Day' at the campus, by organizing a competition 'Self-e-Stan'. The contest received an overwhelming response from photography enthusiasts; as they got creative behind the lens and captured awe-inspiring shots expressing their feelings, emotions and social thinking through their photography skills. Students, Abhishek (B.Arch) bagged the first position; Ankush Dadwal (Mechanical Dept.) secured the second position; followed by Suryamani (M.Pharmacy) who was placed third. Number of Students from various departments of Chitkara University participated in this contest and showed their zeal for photography. Ms. Gurjeet Kaur took the responsibility as resource person. Total 35 students including participants and volunteers contributed to make this event a success. The Best 3 winners were awarded with exciting prizes.



World Photography Day: winners are being felicitated

Faculty Development Program on

“Fuzzy Linear Programming Problem And Its Applications In Sciences And Engineering”

(17th-18th June, 2020)

A Faculty Development Program on “Fuzzy Linear Programming Problem and Its Applications in Sciences and Engineering” has been conducted on 17th-18th June, 2020 by Department of Applied Sciences. The platform used for this FDP is ZOOM. In this FDP, 216 candidates participated actively.

Resource Person: Dr. Gourav Gupta, Assistant Professor, Department of Applied Sciences was the resource person and delivered a talk on fuzzy linear programming and elaborated the applications in sciences and engineering. The brief of talk is given below,

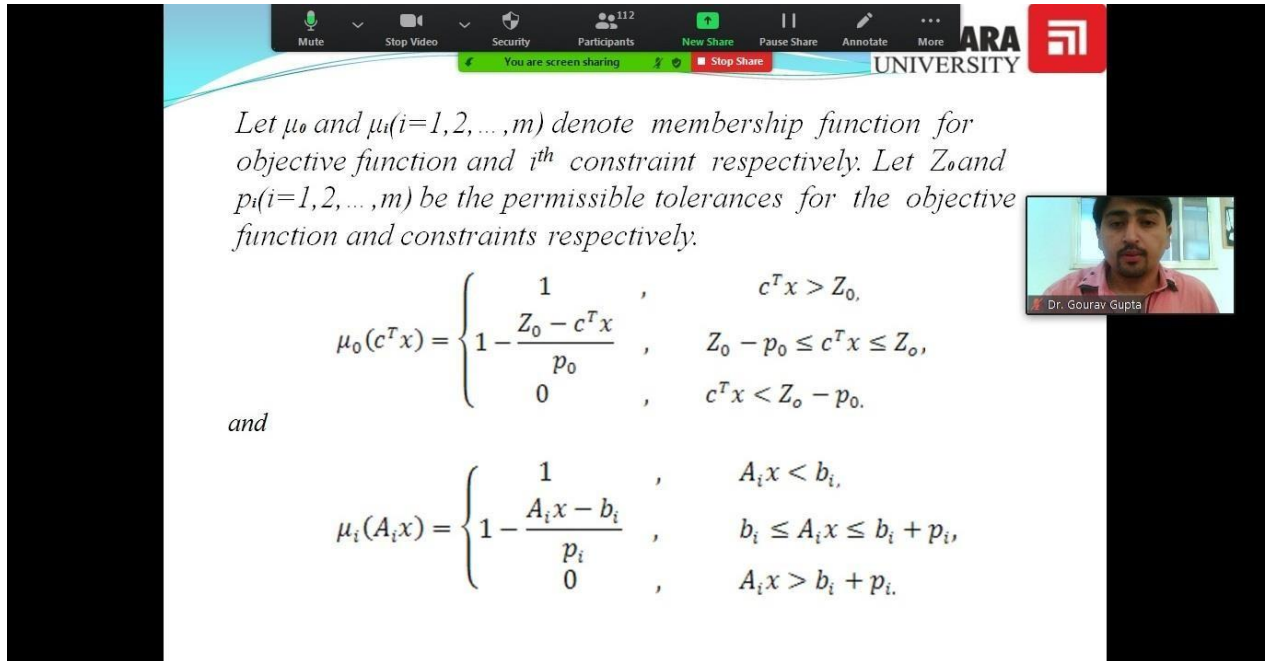
Day1: On first day of webinar, I have discussed the basics of fuzzy sets theory, fuzzy numbers, various model of fuzzy linear programming problem and some techniques to solve them. Also, first day’s presentation covered that the optimal solution of an LP only depends on a limited number of constraints and, thus, much of the information collected has little impact on the solution. Being able to deal with vague and imprecise data may greatly contribute to the diffusion and application of LP. In order to reduce information costs and at the same time avoid unrealistic modeling, the use of fuzzy linear programs can be recommended.

Day2: On second day of webinar, I have discussed the fuzzy linear programming problems with more than one objective, i.e. multi-objective fuzzy linear programming problem. Also, the real line examples explained to make easier to understand about this topic. The techniques to solve multi-objective fuzzy linear programming problem also discussed.

Let μ_0 and $\mu_i (i=1, 2, \dots, m)$ denote membership function for objective function and i^{th} constraint respectively. Let Z_0 and $p_i (i=1, 2, \dots, m)$ be the permissible tolerances for the objective function and constraints respectively.

$$\mu_0(c^T x) = \begin{cases} 1 & , & c^T x > Z_0, \\ 1 - \frac{Z_0 - c^T x}{p_0} & , & Z_0 - p_0 \leq c^T x \leq Z_0, \\ 0 & , & c^T x < Z_0 - p_0. \end{cases}$$

and

$$\mu_i(A_i x) = \begin{cases} 1 & , & A_i x < b_i, \\ 1 - \frac{A_i x - b_i}{p_i} & , & b_i \leq A_i x \leq b_i + p_i, \\ 0 & , & A_i x > b_i + p_i. \end{cases}$$


Dr. Gourav Gupta delivering his talk

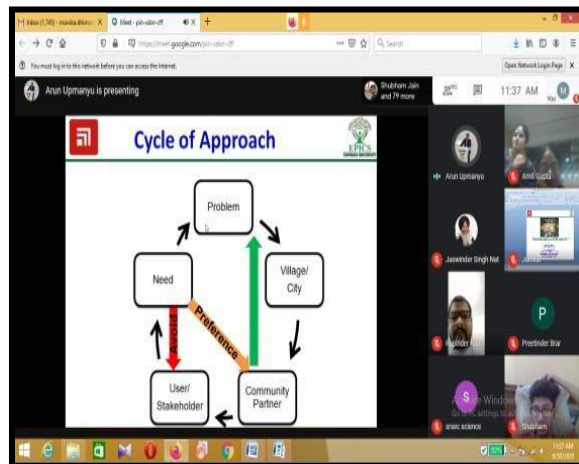
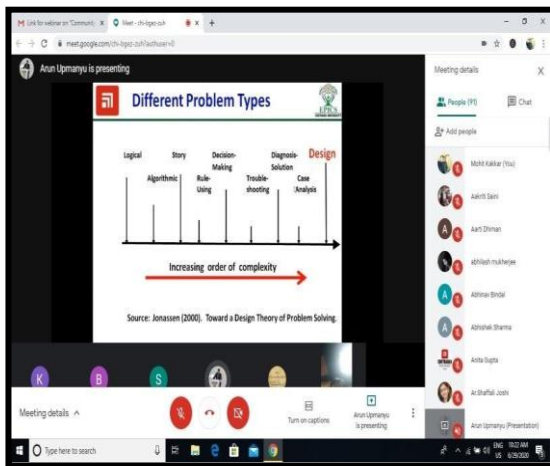
WEBINAR ON “COMMUNITY AND RESEARCH”

(June 29-30, 2019)

Webinar on COMMUNITY AND RESEARCH organized by Dr. Mohit Kumar Kakkar, Assistant Dean and Dr. Arun Upmanyu, Associate Professor, Department of Applied Sciences on 14th December, 2019. Around 180 faculty members from various departments of participated and were involved actively throughout the session.

Resource Person: Dr. Arun Upmanyu, Associate Professor, Department of Applied Sciences, Chitkara University, Punjab.

Community-based research (CBR) offers researchers an opportunity to identify and address local questions. By integrally involving community members throughout the research process, CBR is often able to generate evidence that is both relevant and actionable.



Resource Person, Dr. Arun Upmanyu presenting his expertise



5 GENDER EQUALITY



CHITKARA COLLEGE OF PHARMACY**NATIONAL GIRL CHILD DAY****24.01.2020****RADIO STATION CHITKARA UNIVERSITY**

When you invest in a girl's education and life, she feeds herself, her children, her community and her nation.

On the occasion of National Girl Child Day, 24th January 2020, Yugam and Prabha, Member of **National Service Scheme, Chitkara University** held a radio show to create awareness among the youth and the citizen of the country about the girl child. The National Girl Child Day is celebrated in India every year on January 24. The Ministry of Women and Child Development, Government of India initiated this celebration in 2008, with the purpose to spread awareness among people about all the inequalities girls face in the Indian society. In this talk, we talked about the origin of the inequalities faced by a girl child, reasons to spread and solutions to overcome the evils present in the society. A new perception was tried to build among the masses with the help of examples of all the great women historians. Through this talk, a new gateway was opened with the vision of better nation for coming generations.



Chitkara Radio held a show to create awareness among the youth and the citizen of the country about the girl child organised by Chitkara college of Pharmacy

Event: **Special session on Self defense for girls**
Date: **12th Oct 2019**
Organized By: **Matrix Club under the aegis of Department of Computer Applications, Chitkara University, Punjab**
Organizer: **Ms. Vandana, Associate Professor**

#SAFER #STRONGER and #FIGHT BACK

#Matrix Club under the aegis of #Department of Computer Applications organized **Special session on Self defense for girls** wherein NCC Cadets Cheten Ahuja, Raul Sareen, Bharti, Akash Pundir, Sumanyu, Rohit Gonna of Chitkara University taught the techniques, special moves and punches of self defense to girls. These NCC and NSS cadets are experts in BOXING, KARATE and TAEKWONDO.

Total number of Girl Participants: 79



Students practicing Self Defense

WGH India Dialogue Series: Engagement of FLWs in COVID-19 Response in India
First Session: Perspectives of Community-level Stakeholders
Date: 8th June 2020

Resource Person:

- Dr. Sneha Krishnan, Co-founder, ETECH
- Ms. Bhanupriya Rao, Founder, Behanbox
- Ms. Manisha Gupte, Co-founder, MASUM
- Ms. A R Sindhu, National Secretary, CITU
- Ms. Surekha, General Secretary, Asha Worker Union & State President CITU, Haryana

Chitkara School of Health Sciences in collaboration with WGH India organized WGH India dialogue series for amplifying the contribution of Frontline Health Workers (FLWs) in India's response to COVID-19. First Session of the dialogue series was held virtually on 8th June 2020 from 6:30 pm – 8:00 pm. It brought together the voices of FLWs, civil society organizations, Journalists and researchers. The speakers highlighted the contributions and challenges of these workers while performing COVID-19 related tasks.

WGH India Dialogue Series
Engagement of Frontline Health Workers (FLWs) in India's Response to COVID-19

Session 1 (8th June 2020, 18:30-20:00 hours IST)
Perspectives of Community-level Stakeholders



Dr. Sneha Krishnan
Co-founder,
Environment, Technology
and Community Health
(ETCH)



Bhanupriya Rao
Founder, Behanbox



A R Sindhu
National Secretary, Centre
of Indian Trade Unions
(CITU)



Manisha Gupte
Co-founder, MASUM



Surekha
General Secretary, ASHA
Workers Union & State
President CITU, Haryana



WGH
WOMEN IN GLOBAL HEALTH
INDIA



Session 2 (10th June 2020, 18:30-20:00 hours IST) Perspectives of State-level Stakeholders
 Session 3 (12th June 2020, 18:30-20:00 hours IST) Perspectives of National-level Stakeholders

Amplifying contributions of Frontline Health Workers (FLWs) in India's response to COVID-19

WGH India Dialogue Series: Engagement of FLWs in COVID-19 Response in India

Second Session: Perspectives of State-level Stakeholders

Date: 10th June 2020

Resource Person:

- Ms. Annie Suchiang, State ASHA & CP Manager, NHM Meghalaya
- Ms. Akay Minz, State Program Coordinator, NHM Jharkhand
- Ms. Suchitra Rath, Process Evaluation Manager, Ekjut
- Ms. Uma Mahadevan, Principal Secretary, Panchayat Raj, Karnataka
- Mr. Krishna Kant, Secretary, Abhivyakti Foundation
- Mr. Subhajt Bhattacharjee, Sub Regional Team Leader, NE, WHO

Chitkara School of Health Sciences in collaboration with WGH India organized WGHI dialogue series for amplifying the contribution of Frontline Health Workers (FLWs) in India's response to COVID-19. Second Session of the dialogue series was held virtually on 10th June 2020 from 6:30 pm – 8:00 pm. It brought together state level government and Civil society representatives who are engaging FLWs in COVID-19 related tasks. The speakers shared their perspectives about state-specific initiatives (being) taken for the effective engagement of FLWs.

WGH India Dialogue Series
Engagement of Frontline Health Workers (FLWs) in India's Response to COVID-19
Session 2 (10th June 2020, 18:30-20:00 hours IST)
Perspectives of State-level Stakeholders

Annie Suchiang
 State ASHA and CP Manager,
 NHM Meghalaya

Akay Minz
 State Program
 Coordinator, NHM
 Jharkhand

Suchitra Rath
 Process Evaluation Manager,
 Ekjut

Uma Mahadevan
 Principal Secretary,
 Panchayat Raj, Karnataka

Krishna Kant
 Secretary, Abhivyakti
 Foundation

Subhajt Bhattacharjee
 Sub Regional Team
 Leader, NE, WHO

WGH
 WOMEN IN GLOBAL HEALTH
 INDIA

CHITKARA
 UNIVERSITY

Session 3 (12th June 2020, 18:30-20:00 hours IST) Perspectives of National-level Stakeholders
 Amplifying contributions of Frontline Health Workers (FLWs) in India's response to COVID-19

Expert Talk On**“Women Empowerment and Technical Education”****(6th November 2019)****There is no tool for development more effective than the Empowerment of Women.**

Department of Applied Sciences, Chitkara University, Punjab in collaboration with ISTE (Indian Society for Technical Education) organized an expert talk on topic “**Women Empowerment & Technical Education**” on Nov 6, 2019. About 148 students of the B. Tech CSE attended the lecture in which Dr Sunita discussed the various shades of **Women Empowerment & Technical Education**. She believed that Empowerment of Women is a necessity for the development of a society, since it enhances both the quality and the quantity of human resources available for development. A key argument that mam discussed was about gender equality, gender based violence and violence against women continues to destroy the lives of women and girls across the region. According to her views, Women are the soul of a society; a society can well be judged by the way its women are treated. An educated man goes out to make the society better, while an educated woman; whether she goes out or stays at home, makes the house and its occupants better. Mam shared her personal experience with the students which not only encouraged them but also urged the girls to stand on their own feet and work hard to have a respected image in society as a strong personality.

Resource Person: Dr. Sunita Mishra, HOD of Ubiquitous Analytical Techniques & RnD division support, CSIO-CSIR, Chandigarh



Participants attending the session by expert

Interaction of expert with participants



WGH India Dialogue Series: Engagement of FLWs in COVID-19 Response in India

Third Session: Perspectives of National-level Stakeholders

Date: 12th June 2020

Resource Person:

- Ms. Rajani Ved, Executive Director, NHSRC
- Ms. Priya Nanda, Senior Programme Officer, BMGF, India
- Ms. Hilde De Grave, Team Leader Health Systems, WHO, India
- Ms. Vani Sethi, Nutrition Specialist, UNICEF, India
- Ms. Urvashi Prasad, Public Policy Specialist, NITI Aayog

Chitkara School of Health Sciences in collaboration with WGH India organized WGH India dialogue series for amplifying the contribution of Frontline Health Workers (FLWs) in India's response to COVID-19. Third Session of the dialogue series was held virtually on 12th June 2020 from 6:30 pm – 8:00 pm. It brought together the national-level government and development partners representatives involved in shaping the policy decisions that guide the involvement of FLWs. The session focused on highlighting key policy responses, what has worked, what hasn't and the way forward.

WGH India Dialogue Series
Engagement of Frontline Health Workers (FLWs) in India's Response to COVID-19
 Session 3 (12th June 2020, 18:30-20:00 hours IST)
 Perspectives of National-level Stakeholders

Urvashi Prasad
Public Policy Specialist,
NITI Aayog

Rajani Ved
Executive Director,
NHSRC

Priya Nanda
Senior Programme Officer,
BMGF, India

Hilde De Grave
Team Leader Health Systems,
WHO, India

Vani Sethi
Nutrition Specialist,
UNICEF, India

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Amplifying contributions of Frontline Health Workers (FLWs) in India's response to COVID-19



6 CLEAN WATER AND SANITATION



CHITKARA COLLEGE OF PHARMACY**SWACHH BHARAT CAMPAIGN****24th – 26th JULY 2019**

Following the Prime Minister's clarion call on 2nd October 2014 for each individual to devote at time to Swachhata through the year, the NSS unit of Chitkara College of Pharmacy, Chitkara University conducted a sanitation drive at Village Kalo Majra

As a part of the internship, activities performed include Awareness campaigns regarding Solid & Liquid waste management (SWM), Promotion of the 3R's (Reduce, Reuse, Recycle), Volunteer in segregation of waste, Cleanliness drive in schools and villages, Interactive talk with students, Public awareness talks, and Promotion of plastic waste free environment. All these activities were performed by the NSS volunteers of Chitkara College of Pharmacy under SWACHH BHARAT SUMMER INTERNSHIP. Students participated with the great spirit of social welfare as a collective effort



NSS volunteers painting the black boards of Govt Elementary School Kalo Majra



NSS Volunteers teaching the school students regarding segregation of dry and wet waste



NSS Volunteers teaching the school students regarding segregation of dry and wet waste



Tree plantation Govt Elementary School Kalo Majra

CHITKARA COLLEGE OF PHARMACY**TREE PLANTATION****30.07.2019****GOVT ELEMENTARY SCHOOL KALO MAJRA**

The NSS volunteers of Chitkara College of Pharmacy visited the Govt Elementary School Kalo Majra with Dr Rajwinder Kaur for the tree plantation. In this several medicinal samplings such as Java plum (jamun) & *Hibiscus* were planted and encouraged all the students and villagers present there for planting more and more plants in order to contribute in swachhta mission. It will be fruitful for the villagers and also contribute in the healthy environment.



NSS volunteers planting saplings at Govt Elementary School Kalo Majra

CHITKARA COLLEGE OF PHARMACY**RO PURIFIER DONATION****GOVT ELEMENTARY SCHOOL KALO MAJRA****30.08.2019**

Over the past decades, India has made various improvements to both the availability and quality of municipal drinking water systems, but a large portion of rural areas are left out. Thus taking in account the current scenario, the NSS team from Chitkara College of Pharmacy under the guidance of Dr Sandeep Arora, Professor and Director CCP took a step forward to provide clean drinking water to students of the Primary school in Kalho Majra, Rajpura by donating a RO water purifiers. The activity planned on 30th August'19 had a great impact on the students as well as teachers in the school as they didn't had access to clean drinking water earlier. Dr Rajwinder Kaur NSS School Officer and members of NSS team also made them learn about personal hygiene and importance of clean water. Stationary items were distributed to the students by NSS volunteers and to make the interaction more interactive, members played various outdoor games with children at the end of their school.

One of the member said that she had truly learned the meaning of term "selfless service", which is important for bringing up society and gained all the indirect benefit for the personal growth.



NSS volunteers donating RO Purifier to teachers of Govt Elementary School Kalo Majra



NSS volunteers with teachers of Govt Elementary School Kalo Majra and installed RO purifier



NSS volunteers donating stationary items to students

CHITKARA COLLEGE OF PHARMACY**AWARENESS ABOUT FORMATION AND USAGE OF COMPOSITE ORGANIC
MANURE FOR FARMERS****KALO MAJRA****04.10.19**

NSS team of Chitkara College of Pharmacy, Chitkara University Punjab has organized an awareness campaign about formation and usage of composite organic manure for farmers in Kalo Majra on 04.10.19. They have discussed the need of organic manure, benefits of Compost pits, how to build Compost pits and Zero– investment method with the villagers. One on One interaction with villagers and farmers were done and they were encouraged to adopt practice of building compost pits and limiting the use of chemical fertilizers and pesticides. They appreciated work done by volunteers and thanked them to widen their knowledge as well as showed it real world practicality.



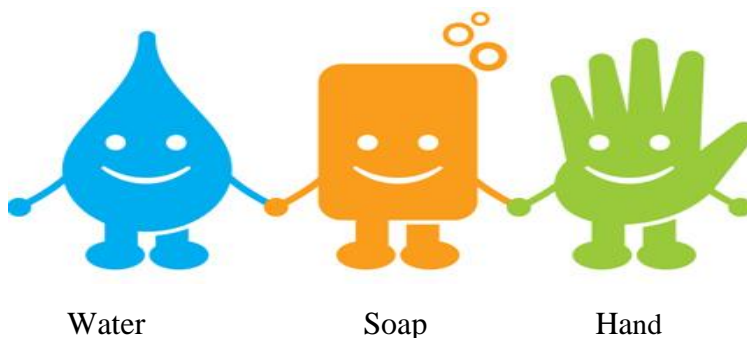
NSS volunteers teaching the villagers regarding composite pits through videos



The villagers learning the composite pits technique

CHITKARA COLLEGE OF PHARMACY**GLOBAL HANDWASHING DAY****15.10.2019****GOVT. ELEMENTARY SCHOOL, KALO MAJRA**

NSS unit of Chitkara College of Pharmacy, Chitakara University organized an activity in regard of Global Hand washing Day 2019 under the guidance of Dr. Sandeep Arora Director CCP and Ms NeelamVerma NSS Program officer. October 15th is Global Handwashing Day! This year, the Global Hand washing Day theme “Clean hands – a recipe for health” focuses on the links between hand washing and food – including food hygiene and nutrition. Dr Rajwinder Kaur along with twenty NSS volunteers from CCP visited Govt. Elementary School, Kalo Majra for enlightening the global campaign dedicated to raising awareness of hand washing with soap to reduce the chances of diseases like respiratory and intestinal problems.





Student of Chitkara college of Pharmacy raising awareness of hand washing with soap the students of Govt. Elementary School, Kalo Majra

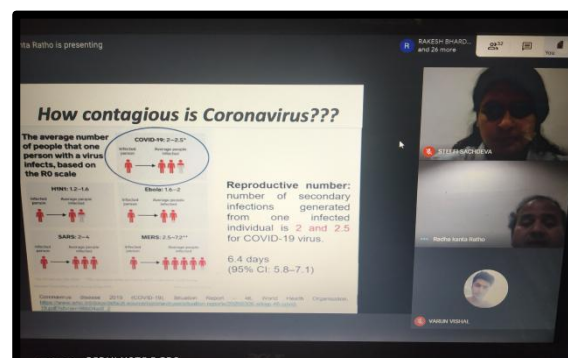
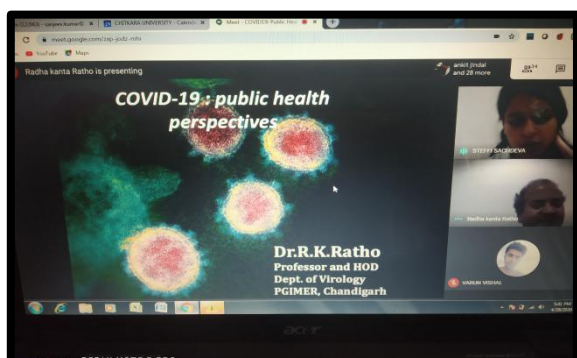


NSS volunteers teaching the steps of handwashing to school students

Event Details	
Name of the Department	Chitkara Business School
Title of the Event:	COVID19-Public Health Perspective
Date of the Event:	29 th April, 2020
No. of Student Attended/ Benefited:	70
Resource Persons:	Dr. R. K. Ratho, (Prof. and Head, Dept of Virology, PGIMER, Chandigarh)
Venue	Online

Purpose of the Activity:

In the wake of an unprecedented global pandemic, it was imperative for our students to get acquainted with the details of covid 19. Students also had a discussion with Dr. Ratho to understand the preparedness by government public health institutions to safeguard the Indian public, PGI virology department being an important part of public health. MBA at Chitkara Business School promotes development-oriented policies that support productive activities, decent job creation, entrepreneurship, creativity and innovation, and encourage the formalization and growth of micro-, small- and medium-sized enterprises, including through access to financial services.



Dr. RK Ratho from Department of Virology, PGIMER Chandigarh told about the Covid 19 with perspective of Public Health

Event Details	
Name of the Department	Chitkara Business School
Title of the Event:	Health Cosmos
Date of the Event:	19 th February, 2020
No. of Student Attended/ Benefited:	96
Resource Persons:	Dr. Meghna Sharma, (Pediatrician, Civil Hospital, Mohali) Dr. Aarti Soni, (Dhanush Infotech, Haryana Govt., Panchkula) Dr. (Col.) B.P.Singh, (M D & Chief Consultant, GHBS, Chandigarh) Mr. Shivraj Nakai, (Unit Head – HR, Max Hospital, Mohali) Mr. Himanshu Upadhyay, (Regional Manager, People Department, Cloud Nine Group of Hospitals, Noida)
Venue	Pluto Hall

Purpose of the Activity:

Two panel discussions were organized during the event on the topics of Public Health and HR. Students got first-hand information from the practitioners of the industry. A talk on unique hospital architecture was given by a renowned consultant in the field. The event not only gave the students, learning opportunities, but also gave them a chance to hone their organizational skills while planning and organizing for the daylong event. The speakers of the session discussed about various practices of healthcare industry such as good health and wellbeing, clean water and sanitization, affordable and clean energy, sustainable cities and communities.



MBA students attending panel discussion during the conference and then had a group photograph after the completion of conference.

Event: **Swachhata Hi Sewa Campaign-Elimination of Plastic”**
Date: **1st Oct 2019**
Venue: **Rajpura Railway Station and Bus Stop of Rajpura**
Organized By: **Department of Computer Applications, Chitkara University,
Punjab**
Organizer: **Ms. Puninder Kaur, Assistant Professor**

51 NSS volunteers took part in the “**Swachhata Hi Sewa Campaign-Elimination of Plastic”** launched by Govt. of India wherein NSS volunteers collected all the plastic waste from the nearby Rajpura Railway station and bus stop and brought collected plastic waste to a central location in the institution and disposed it off.

Total NSS Volunteers: 51



Students evolving the campaign



Save Earth, No Plastic

Expert Talk on “Plumbing Design”

Chitkara College of Applied Engineering conducted an Expert Talk on “Plumbing Systems on 19th July, 2019. The resource person was Dr. S. Virapan, Sanvir Associates Private Limited, Chennai successfully completed the talk. This was for practical exposure, better understanding of plumbing systems of the students of graduate civil engineering.

29 candidates of Civil engineering attended expert talk and learn design parameters and practised the codes & standards for efficient design of plumbing works in various types of Buildings and townships. each group of five students allotted individual project (Architectural drawing) on different types of buildings like Residential, Hospital, Industrial, IT offices and townships and installed water supply & waste water systems in that using AutoCad. Key Speaker delivered the content very nicely.

It was wonderful exposure for the students to understand the concepts, fundamentals of science related and technology related to fluids and various codes and standards they studying in the practical manner when using to design for real site projects.

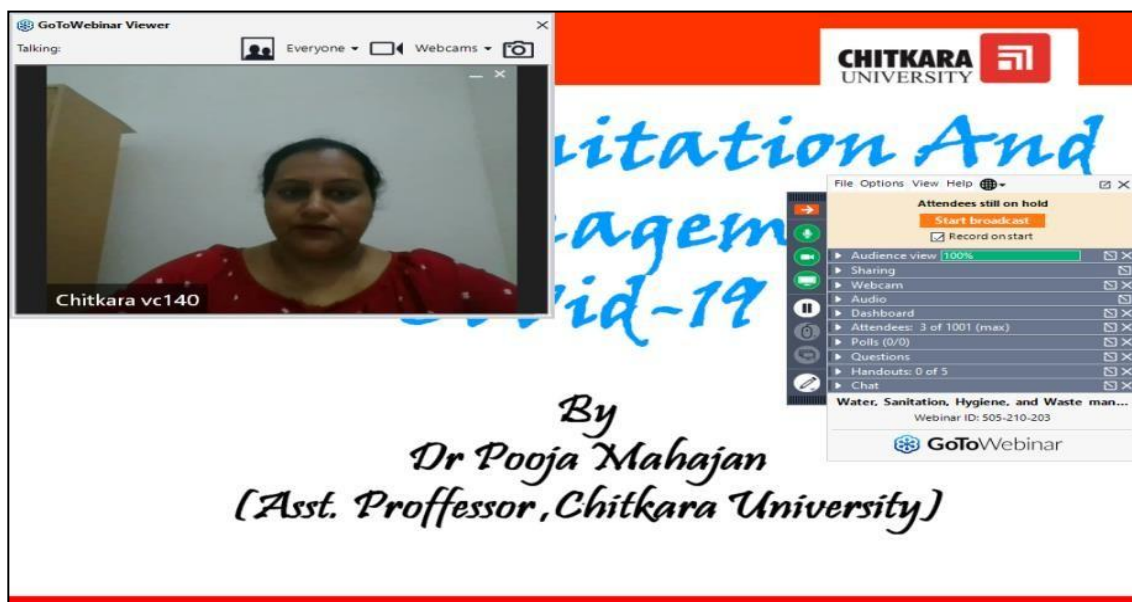


**Two-day Workshop on
“Water, Sanitation, Hygiene, and Waste management for the COVID-19” (Live online
webinar)**

(June 15-16, 2020)

The provision of safe water, sanitation and hygienic conditions is essential for protecting human health during all infectious disease outbreaks, including of coronavirus disease 2019 (COVID- 19). By consistently applying WASH and Waste management practices in communities, homes, schools, marketplaces and healthcare facilities will help prevent human-to-human transmission of, the virus that causes COVID-19. Hence, in this context, the Department of Applied Sciences, CUIET, Chitkara University, Punjab organized a two-day workshop Water, sanitation, hygiene, and waste management for the COVID-19 virus. 80 participants from all over India attended this workshop through online platform Go to Webinar.

Resource Person: Dr. Pooja Mahajan, Astd. Prof. Department of Applied Sciences, Chitkara University was resource person for the workshop. She detailed the measures required for prevention of the COVID-19 virus and briefed about waste management in order to prevent and control of COVID-19.



Dr. Pooja Mahajan Presenting through On-line platform

GoToWebinar Viewer

Talking: Chitkara vc140

Everyone Webcams

Coronavirus 2





Chitkara vc140

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with **pneumonia** in Wuhan, China, in late December 2019.

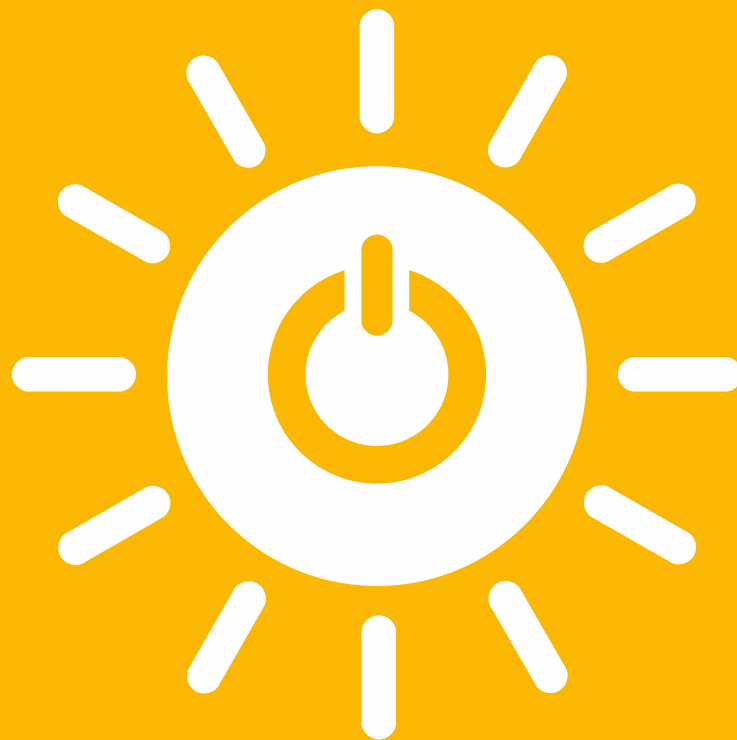
- ✓ It probably began in animals but now is spreading between humans.
- ✓ Travelers from China have spread this virus in other countries across the globe.



Dr. Pooja Mahajan conveyed the modes of Transmission of COVID-19



7 AFFORDABLE AND CLEAN ENERGY



Mekastorm 3.0

Type of Event: Technical

Date: February 27th-28th, 2020

Venue/Online Platform: IOT Lab, Edison Block

Name of Organizing Agency with Contact Details: Institution of Engineers, India (IEI)

No. of Participants: 03

Facilitators: Dr. Amanpreet Sandhu

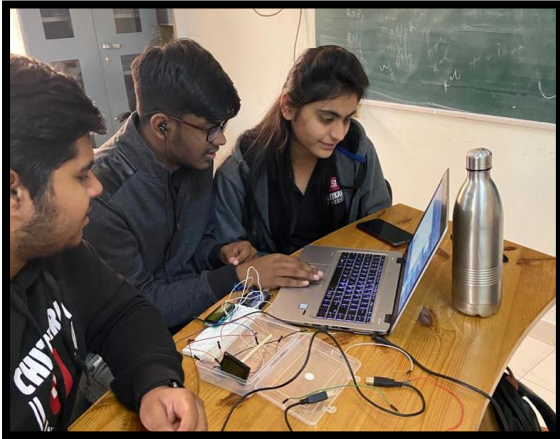
Description of Event

It was a 2-days event with a requirement of design and presentation of the prototype based on the given problem statement. A total of 9 teams participated in the event with 3 members (maximum) per team. Teams were given the problem statement at the beginning of the event. It was “Security System”. On day 1 of the event, the participants were given one hour in the beginning to think for the solution of the given problem. They shared their ideas with the organizing team and after finalizing their idea, they received customized kits contained with electronics components to be used for making the prototype. The component kit comprised of an Arduino Uno Board with USB cable, Ultrasonic sensor, Relay Module, Servo Motor, LCD, and basic components like resistors, LED, jumper wires, Breadboard, Wire Cutter, Multimeter, soldering iron etc. The teams were allowed to bring their own components also. The participants were provided with sufficient time to make their project. The next day, there was presentation session at the end of which winners were declared. The event was judged by Dr. Amanpreet Sandhu (Assistant Professor, ECE) and Mr. Amit Kumar (Assistant Professor, ECE). Dr. Shivani Malhotra (Dean, ECE) and Mr. Gurjinder Singh were also present for the valedictory event.

Winners

- 1st Position was bagged by Team Harshita Aggarwal (ECE), Arpit Jain (ECE), Pranjali Pawar (E&CE). Their project was based on Li-Fi short form for Light Fidelity, in which the data is transferred with light as its medium and they used speaker as the output device.
- 2nd position was bagged by team Shrey Kaliyar (ECE), Kunal Kiran Kumar (E&CE), Rahul Goyal (ECE). Their project was Mom's Heart using SOS technology. An SOS button was designed which would, through Node M.C.U and I.O.T system, send a notification to the parents' or guardians' mobile that some intruder is trying to enter your

house when you are out and your ward is alone at home and a buzzer alert to the neighboring people.



Participating Team

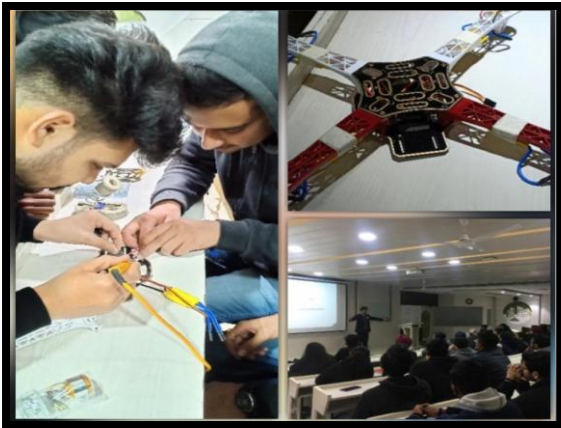


Group Photo of the Event

Workshop on the “THE ART OF FLYING A DRONE”**Type of Event:** Technical Event**Date:** January 14th-15th, 2020**Venue:** Pierre Hall**Name of Organizing Agency with Contact Details:** IETE Society of Department of Electronics and Communication Engineering**No. of Participants:** 32**Facilitators:** Ms. Isha Gupta**Resource Person:** Mr. Sunny Singh ,Chandigarh Institute of Drones (CID).**Description of Event**

The Drone workshop was organized by the Department of Electronics & Electrical Engineering (DEEE) by **IETE society** (Institute of Electronics & Telecommunication Engineers) in association with Chandigarh Institute of Drones (CID) on 14th & 15th January 2020.

The motive of this workshop was to introduce students about drones. Students got to learn about the basic principles on which drones work. They were taught about various elements of the quadcopter. Mentors from Chandigarh Institute of Drones came to our college to teach students about drones. They taught us how to assemble components while making drone, and how to choose flight controllers. They told us about many parameters such as flight controllers like KK board, APM board, and NAZA.



Participating Team

Event Details	
Name of the Department	Chitkara Business School
Title of the Event:	Health Cosmos
Date of the Event:	19 th February, 2020
No. of Student Attended/ Benefited:	96
Resource Persons:	Dr. Meghna Sharma, (Pediatrician, Civil Hospital, Mohali) Dr. Aarti Soni, (Dhanush Infotech, Haryana Govt., Panchkula) Dr. (Col.) B.P.Singh, (M D & Chief Consultant, GHIBS, Chandigarh) Mr. Shivraj Nakai, (Unit Head – HR, Max Hospital, Mohali) Mr. Himanshu Upadhyay, (Regional Manager, People Department, Cloud Nine Group of Hospitals, Noida)
Venue	Pluto Hall

Purpose of the Activity:

Two panel discussions were organized during the event on the topics of Public Health and HR. Students got first-hand information from the practitioners of the industry. A talk on unique hospital architecture was given by a renowned consultant in the field. The event not only gave the students, learning opportunities, but also gave them a chance to hone their organizational skills while planning and organizing for the daylong event. The speakers of the session discussed about various practices of healthcare industry such as good health and wellbeing, clean water and sanitization, affordable and clean energy, sustainable cities and communities.



MBA students attending panel discussion during the conference and then had a group photograph after the completion of conference.

Event: **Swachhata Hi Sewa Campaign-Elimination of Plastic”**
Date: **1st Oct 2019**
Venue: **Rajpura Railway Station and Bus Stop of Rajpura**
Organized By: **Department of Computer Applications, Chitkara University, Punjab**
Organizer: **Ms. Puninder Kaur, Assistant Professor**

51 NSS volunteers took part in the “**Swachhata Hi Sewa Campaign-Elimination of Plastic**” launched by Govt. of India wherein NSS volunteers collected all the plastic waste from the nearby Rajpura Railway station and bus stop and brought collected plastic waste to a central location in the institution and disposed it off.

Total NSS Volunteers: 51



Students evolving the campaign



Save Earth, No Plastic

Event: **One Student One Tree**
Date: **1st Oct 2019**
Organized By: **Department of Computer Applications under the Aegis of NSS,
Chitkara University, Punjab**
Organizer: **Ms. Vandana, Associate Professor**

Planting and nurturing a tree is a noble work. Trees are the only source of oxygen and the only source to clear carbon dioxide from the atmosphere. Department of Computer Applications Under the aegis of NSS organized Tree plantation drive on 1st Oct 2019 with the tagline “**One Student One Tree**” wherein large number of students of the Department participated and plant trees in the vicinity of the campus.



Group Photo during tree plantation



Student planting a tree

Event: **Tree Donation and Plantation**
Date: **15th February 2020**
Venue: **Chitkara University, Punjab**
Organized By: **Department of Computer Applications**
Organizer : **Ms. Vandana, Associate Professor**

Taking a clue from motivational talk by # **Dr.AshokChitkaraHon'ble #Chancellor of ChitkaraUniversity,the #Department of Computer Applications** organized a **#tree donation cum plantation drive** in the campus on 15th Feb 2020.

#Dr.JaitegSingh, Dean, Department of Computer Applications along with all **#faculty members** of the department collectively **#donated 50 plants/trees**.

Assisted by the University's horticulture staff,saplings were planted in the vicinity of **# MARCO POLO Hostel** inside the University campus.



Tree Donation and Plantation by Faculty of Department of Computer Applications

Event: **World Environment Day**
Date: **5th June 2020**
Mode of Delivery: **Online**
Organized By: **Department of Computer Applications**
Organizer: **Ms. Vandana, Associate Professor Department of Computer Applications**

“Let’s nurture the nature so that we can have a better future.”

On the special occasion of World Environment day on **5th June 2020**, NSS volunteers of the Department of Computer Applications under the aegis of NSS,Chitkara University took initiative and planted saplings in the vicinity of their home. Due to COVID-19 lockdown, not only they planted the saplings but also pledged to build the Greener World and keep our environment clean.

No of Participants: 20



Students of Department of Computer Applications planting sapling



Students enjoying the event by planting the saplings



Students of CA department feeling close to nature



8 DECENT WORK AND ECONOMIC GROWTH



Fresher's 2019 - "Novato Fiesta"**Type of Event:** Cultural**Date:** 6th September, 2019**Venue/Online Platform:** Einstein Hall**Name of Organizing Agency with Contact Details:** Department of Electronics and Communication Engineering
Department of Electrical Engineering**No. of Participants:** 63**Facilitators:** Chitkara University**Resource Person:****Description of Event**

On 6th of September 2019, Department of Electronics and Communication organized the most awaited day of one's college life "THE FRESHER'S PARTY" by 2nd year students. Theme of the fresher's party was "Novato Fiesta".

The celebration was started at 1:15pm at Einstein Hall (Galileo Block) with a warm welcome to fresher's and teachers from our anchors team. The event starts with the welcome speech and shayari by RitwickDutta&Sonal. Followed by Kritika&Harshita. The challenging evening starts with the round one (i.e. modeling round) in which 21 student took part. In which the Participants of this great evening came up with their unique ramp walk in pairs with their introduction. In which 12 were selected for the round two (i.e. talent round). Before the result announcement for round one an energetic Bhangra performance was performed by Arman(2nd year). Followed by the talent round in which Participants were asked to show their talent one by one in which singing, dance, standup comedy & poems were majorly selected. Meanwhile a surprising combination of freestyle hip-hop, Bhangra and Bollywood style performance was performed by Priyanshu(2nd year). In talent round 8 contestants selected for the final round (i.e. questionnaire round). In this final round, the jury asked some mind twisting questions and some of them were able to tackle them very well. This was the final stage and after which all the contestants were eagerly waiting to know the results. Last but not the least Beatboxing by Satvik(2nd year). Once the results were out, it was the stage of achievement for the contestants.



Winners Photograph



Orientation (Batch 2019 – ECE/EE/E&CE)**Type of Event:** General**Date:** 12-17 August, 2019**Venue/Online Platform:** Pierre Hall / Pulitzer Hall**Name of Organizing Agency with Contact Details:** Department of Electronics and
Communication Engineering**No. of Participants:**62**Facilitators:** DeeptiPritKaur**Resource Person:**Amit Kumar, Gurjinder Singh, HarsimranjeetKaur, RashpinderKaur,
AmanpreetSandhu**Description of Event**

The department of electronics and communication engineering organized "Orientation & Induction week" for ECE, E&CE, and EE students from 12th to 17th August 2019. The day-wise schedule for the same is given as under:

Group ECE/EE/E&CE			
12th Aug	09:30 am - 10:00 am	Information Seminar (DrShivaniMalhotra)	
	10:00 am - 04:00 pm	Kick Start Robotique (Hands-on Robotics Workshop using LEGO)	
13th Aug	09:00 am - 10:00 am	CEED (WE BUILD ENTREPRENEURS)	MrSumeerWalia
	10:00 am - 10:30 am	OSA (EXPLORE STARS)	DrNeelamVerma
	10:30 am - 11:00 am	Infrastructure , Admin, Trasport , Resedential Services (KNOW YOUR CAMPUS)	MsRina Angel / Col. Rakesh Sharma / Col. Jhamb
	11:00 am - 12:00 noon	CURIN (THINK OUT OF THE BOX)	DrArchanaMantri
	01:30 pm - 04:00 pm	Language Launchpad	CU Language Center
14th Aug	09:00 am - 11:00 am	Emotional Well Being	
	11:00 am - 01:00 pm	REFLECTIONS	
	02:00 pm - 04:00 pm	Design Thinking	
15th Aug	Independence Day Celebrations		
16th Aug	09:00 am - 10:00 am	IT (CONNECT TO THE WORLD)	MrPawan Mehta

	10:00 am - 10:30 am	International Office (GO GLOBAL)	MsSangeetJaura
	10:30 am - 11:30 am	Vice Chancellor's address	DrMadhuChitkara
	11.30 am - 12:00 noon	Award Ceremony	
	01:30 pm - 04:00 pm	Campus tour, Mentorship, Chalkpad	
17 Aug	10:00 am - 12:30 pm	Human Values (Mr. Rajvir Singh)	
	1:30 pm - 4:20 pm	D-Art	

Day 1: The orientation started with information seminar by Dean of the Department, Dr. ShivaniMalhotra for Batch 2019 ECE/EE/E&CE students, followed by Lego Robotics. 62 students participated in the event and learnt to work on LEGO Mind-storm EV3 kit. They learnt the basics of Robotics from industry professionals. At the end of event a small competition was held to judge their knowledge. In this competition two events were held; one was Line following robot and other is obstacle detector robot. One team consisting of 3-4 students for each event was adjudged best.

Day 2: Dr. AdarshAggarwal, Professor-CEED briefly described the activities and opportunities available at CEED (Chitkara University Centre for Entrepreneurship Education Development). Dr. NeelamVerma, Dy. Dean, Office of Student Affairs (OSA) briefed the students about the various student clubs and extracurricular activities conducted by the University. She also described about the NSS (National Service Scheme) activities conducted by Chitkara University in the nearby villages. Ms. Rina Angel (Associate Director, Administration) and Col. C. Jhamb (Dean, Administration) briefed the students about the infrastructure and transport facilities available at university campus. Students were told about the Anti-ragging policies adopted at the university and other discipline guidelines of the university campus. Dr. ArchanaMantri, Pro Vice Chancellor, CURIN (Chitkara University Research and Innovation Network) briefed the students about various research labs and facilities available at University campus.

Day 3: Students attended a session on Emotional Well Being and learned about the need and importance of being emotionally stable in daily routine. Mr. Vishal and Ms. VamaOswal were the resource persons for the session. To explore the creative side of freshmen, Design thinking activity was organized where students were given some basic material like ice cream sticks, fevicol, rubber bands, computer ties, bottle caps, straws, chart paper, markers etc. The students were required to incept and design any vehicle related to defense used by Armed Forces in India.

Day 4: Mr. Pawan Kumar, from IT department discussed aspects related to the ethical use of internet in the campus. Ms. SangeetJaura discussed the opportunities for the students from the international office. The students of Batch 2019 were then addressed by H'ble Vice Chancellor, Dr. MadhuChitkara mam, where she interacted with the freshmen and discussed about the opportunities for their future by studying at Chitkara University. The session was informative

and students and faculty members participated in the discussion. The session was concluded by presenting the “Ankit Memorial Award” to IshanGoyal from ECE (Batch 2018) for scoring highest marks in first year in the presence of Ankit’s parents. A one hour session was held on “Mentoring” and “Chalk pad” in the afternoon. The session was delivered by the mentors of ECE/E&CE/EE branch of batch 2019. There was a two way interaction of mentees with their respective mentors. Students got familiar with Chalk pad software during the session. Students got also familiar with various aspects of mentoring details. After that there was a campus tour where students got the chance to visit Museum and various labs like High frequency lab and AR/VR lab.

Day 5: Mr. Rajvir Singh from ECE department discussed the Universal Human Values and Role of Education in shaping the life of a student. In the afternoon session, students made the art work for the desk only with newspaper and gifted their pieces of creativity to the teachers. All students took part and worked enthusiastically to come up with the wonderful art works. The event was judged by the Dean of Department, Dr. ShivaniMalhotra. The best two designs were declared the winners.

Photographs of the Event



Robotic car made by students



Inaugural Ceremony



Address by the Vice-Chancellor



Participating Faculty



Address by the Pro-Chancellor



“Ankit Memorial Award” presentation to the outstanding student

Report on Expert Session**Chitkara College of Pharmacy, Chitkara University, Punjab****Date: 9th April 2020**

Chitkara College of Pharmacy, Chitkara University, Punjab didn't let the current conditions to hamper the process of teaching and learning. The institute through the E – Learning resources conducted an expert session on 9th May 2020, where Dr. Lakshmi Prasanna Kolluru had delivered an informative session on Generic Parenteral Product Development and CMC Filing. During this current Pandemic (COVID – 19), the institute continued to deliver its expert services to the students.

The session was organized by Dr. Sandeep Arora, Professor & Director, Chitkara College of Pharmacy, Chitkara University, Punjab and was moderated by Dr. Suman Baishnab, Asst. Professor, Chitkara College of Pharmacy, Chitkara University, Punjab.

Dr. Prasanna is a Senior Formulation Scientist at Medefil, Inc. Illinois, US who in spite of her busy schedule had spared time for the students of Chitkara University, Punjab. She has a very vast experience in the field of Research and Formulation. The institute had the privilege to deliver her experience to the students.

The complete session focused on 3 points:

4. What exactly is done in generic industry?
5. How to develop generic products?
6. How to present this information to regulatory agencies?

The complete 1 ½ hour session covered the various aspects of these topics. The session covered the various stages of development i.e. Analytical Development, Formulation Development, Microbiology, Technology Transfer, Manufacturing, Regulatory Aspects and Quality Assurance.

Approximately 180 students from B. Pharm & M. Pharm attended this session which was very useful for them. A round of discussion was also conducted after the session, where the students were given a chance to ask their queries and were also given a chance to share their thoughts and views over the topic.

Generic Parenteral Product Development and CMC Filing

Chitkara University
09 May 2020


Prasanna Kolluru, PhD
Medefil Inc

In the next hour...

- What exactly we do in generic industry?
- How do you develop generic products?
- How do you present this information for regulatory agency?

*With focus on parenteral products

Why do we need generic drugs?



Average cost of a generic drug is 80-85% LESS than its brand counterpart

<https://www.fda.gov/Drugs/Research/Your/Concerns/Why/Using/More/Quality/Understand/Generics/Drugs/June2006.htm>

Overview of Product Approval

New Drug Product (NDA)	Generic Drug Product (ANDA)
• Identify formulation composition, container closure and manufacturing process	• Identify formulation composition, container closure (preferably similar to RL) and manufacturing process
• Evaluate drug product attributes on stability	• Evaluate drug product attributes on stability
• Extensive clinical trials to establish safety and efficacy of the drug product	• Bioequivalence studies (sometimes can be waived) sufficient to establish clinical effectiveness

Analytical Development

- Develop methods for Active Pharmaceutical Ingredients:
 - 1) Assay- Active Chemical
 - 2) Impurities- Total Impurities and any known impurities
 - 3) Excipients characterization
 - Preservatives (Eg: Benzyl alcohol, Chlorobutanol)
 - Tonicity agents (Eg: Dextrose)
 - Chelating agents (Eg: EDTA)
 - Anti-oxidants (Eg: BHT)
- Forced Degradation Studies: Evaluate acid, base, light, heat and oxygen sensitivities; Understand degradation pathways

Tonicity agents and Osmolality

- Assumes that the product is compatible with the tissues at the site of administration
- If a product is not isotonic, tissues get disrupted and the drug product will be painful during administration
- Target range of 275 to 320 mOsm/kg
- 0.9% NaCl injection or 5% dextrose solution
- Drug product compatibility with chloride or ions in general might be a concern. Mannitol or Trehalose can be used in such cases

Report on Expert Session

Chitkara College of Pharmacy, Chitkara University, Punjab

Date: 12th June 2020 & 15th June 2020

Chitkara College of Pharmacy, Chitkara University, Punjab didn't let the current conditions to hamper the process of teaching and learning. The institute through the E – Learning resources conducted an expert session on 12th June 2020 & 15th June 2020, where Dr. Sohil Khan had delivered an informative session on Increasing Value & Reducing Waste: Current Dilemma in COVID 19 Research. During the current Pandemic (COVID – 19), the institute continued to deliver its expert services to the students.

The session was organized by Dr. Sandeep Arora, Professor & Director, Chitkara College of Pharmacy, Chitkara University, Punjab, Prof. Harleen Sandhu, Assoc. Director, Office of International Affairs, Chitkara University, Punjab and was moderated by Dr. Suman Baishnab, Asst. Professor, Chitkara College of Pharmacy, Chitkara University, Punjab.

Dr. Khan is a faculty at the School of Pharmacy & Pharmacology, Griffith University, Australia who in spite of his busy schedule had spared time for the students of Chitkara University, Punjab. He has a very vast experience in the field of pharmacology. The institute had the privilege to deliver his experience to the students.

Approximately 150 students from B. Pharm & M. Pharm attended this session which was very useful for them. A round of discussion was also conducted after the session, where the students were given a chance to ask their queries and were also given a chance to share their thoughts and views over the topic.

CHITKARA UNIVERSITY  **Griffith UNIVERSITY**
Queensland, Australia

Dr Sohil Khan
Faculty & Research Fellow,
Griffith University
Gold Coast Australia

TRANSLATIONAL RESEARCH SEMINAR
Chitkara University, India in collaboration with
Griffith University, Australia

**Increasing Value and Reducing Waste:
Current Dilemma in COVID-19 Research**

Synopsis:
Dr Sohil Khan of Griffith University, Gold Coast Australia
is on the front line of rapid evidence response team to generate
near-real time
CRITICALLY APPRAISED THERAPEUTIC EVIDENCE IN COVID – 19

June 12th & 15th, 2020
10.30 AM IST

Report on PharmTech Web Series 01

Chitkara College of Pharmacy, Chitkara University, Punjab

Date: 22nd May 2020 & 23rd May 2020

Chitkara College of Pharmacy, Chitkara University, Punjab through the E – Learning resources conducted PharmTech Web Series 01 on 22nd May 2020 & 23rd May 2020, where many experts from various fields were invited to deliver their talk on their area of interests. During the current Pandemic (COVID – 19), the institute continued to deliver its expert services to the students.

The session was convened & chaired by Dr. Sandeep Arora, Dean, Chitkara College of Pharmacy, Chitkara University, Punjab, organized by Dr. Thakur Gurjeet Singh, Asst. Dean, Chitkara College of Pharmacy, Chitkara University, Punjab, and was coordinated by Dr. Suman Baishnab, Asst. Professor, Chitkara College of Pharmacy, Chitkara University, Punjab.

The experts who had delivered talk in these series were Dr. Sandeep Arora, Chitkara University, Punjab, Dr. Prasanna Kolluru, Medefil Inc., USA, Dr. Jitender Narayan Tiwary, Dr. Reddys Lab, Dr. Vinam Puri, RUTGERS, Dr. Mohd. Hisham, Cleveland Clinic

More than 250 students from B. Pharm, M. Pharm, Pharm D & M. Sc. Pharmacovigilance attended this series which was very useful for them. A round of discussion was also conducted after the sessions, where the students were given a chance to ask their queries and were also given a chance to share their thoughts and views over the topic.



The screenshot displays a Zoom meeting interface. On the left, a video feed shows Dr. Jitender Narayan Tiwary. The main area shows a presentation slide titled "Pharmaceutical Industry Worldwide An Overview" with the following bullet points:

- ◊The pharmaceutical industry is responsible for the Development, Production and Marketing of Medications.
- ◊Pharmaceutical companies may deal in Generic or Brand Medications and Medical Devices.
- ◊They are subject to a variety of laws and regulations that govern the Patenting, Testing, Safety, Efficacy and Marketing of Drugs.
- ◊Thus, its immense importance as a global sector is evident.

On the right, a chat window shows messages from attendees:

- Dr. Suman Baishnab 40:01: All attendees can put up their questions here
- Dishaan Chahal 48:32: Sir how do you think that this Corona pandemic is going to affect this revenue ?
- Dr. Arun Kumar 56:05: Sir how does the industry work on

Plant Selection

- Commercial availability – Larger Volumes
- Authentic raw material
- Sustainable Source (Leaf, Flower, Fruit)
- CITES Free (the Convention on International Trade in Endangered Species)
- Contaminants, Heavy metals, Pesticides, Aflatoxins

At present there is a requirement for evidence based drug development with fluctuating of global economic scene. When developing novel drugs using traditional medicines it is essential to consider novel standard parameters whenever possible. Quality control of traditional medicines is also prerequisite of standard clinical trials.

It is essential to follow current standard quality controlling methods viz .Good Manufacturing Practice (GMP); Good Clinical Practice (GCP); Good Laboratory Practice (GLP); Chemistry, Manufacturing and Controls (CMC) or Pharmaceutical Quality.

Report on PharmTech Web Series 01

Chitkara College of Pharmacy, Chitkara University, Punjab

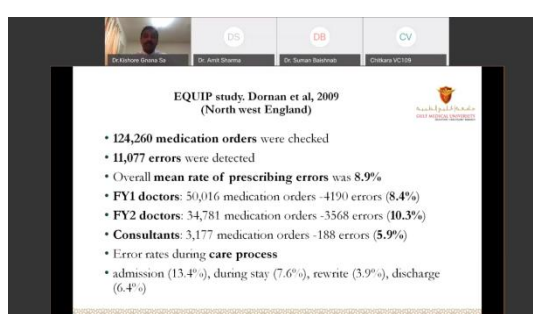
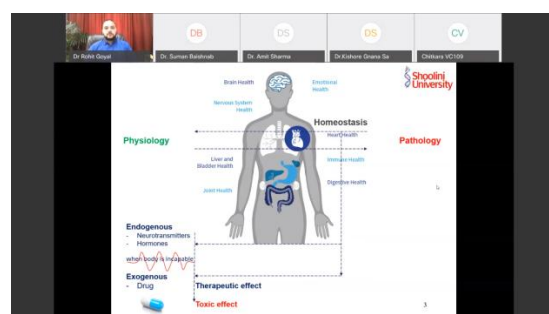
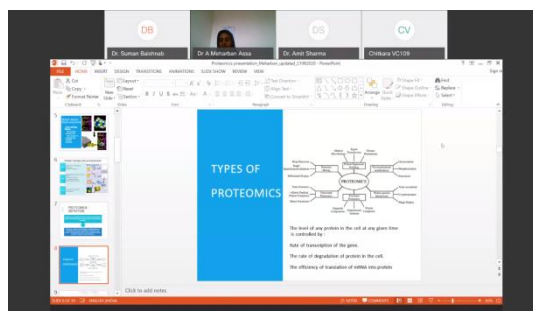
Date: 10th June 2020 & 30th June 2020

Chitkara College of Pharmacy, Chitkara University, Punjab through the E – Learning resources conducted PharmTech Web Series 02 from 10th June 2020 to 30th June 2020, where many experts from various fields were invited to deliver their talk on their area of interests. During the current Pandemic (COVID – 19), the institute continued to deliver its expert services to the students.

The session was convened & chaired by Dr. Sandeep Arora, Dean, Chitkara College of Pharmacy, Chitkara University, Punjab, organized by Dr. Thakur Gurjeet Singh, Asst. Dean, Chitkara College of Pharmacy, Chitkara University, Punjab, and was coordinated by Dr. Suman Baishnab, Asst. Professor, Chitkara College of Pharmacy, Chitkara University, Punjab.

The experts who had delivered talk in these series were Mr. Ankur Joshi, Covance, Mr. Arvind Kumar, Sanofi Ltd., Dr. Kampanart Huanbutta, Dr. Roshan Palewar, DocRosh Global Solutions, Dr. Dharmendra Kumar, UCSI University, Malaysia.

More than 200 students from B. Pharm, M. Pharm, Pharm D & M. Sc. Pharmacovigilance attended this series which was very useful for them. A round of discussion was also conducted after the sessions, where the students were given a chance to ask their queries and were also given a chance to share their thoughts and views over the topic.



Event Details	
Title of the Event:	Pre-Placement Talk Series
Date of the Event:	17.01.2020
No. of Student Enrolled:	120
No. of Student Attended/ Benefited:	120
Resource Persons:	1. Mr. Pritesh Bhatia, GSK

Mr. Pritesh Bhatia is Corporate HR Manager at Glaxo Smith Kline. He delivered an expert talk on Sales of Pharmaceutical products, including medicines, surgical devices, consumables of any form, machines, and equipment used in surgeries. In his talk he discussed in pharmaceutical sale your targeted audience is doctors of any kind, chemists, and/or purchase in-charge in hospital or pharmacies.

The session included the following:

Sales of Pharmaceutical [products](#), which may include medicines, or surgical devices, consumables of any form, machines, and equipment used in surgeries is called Pharma Sales. The [target](#) audience is doctors of any kind, chemists, and/or purchase in-charge in hospital or pharmacies.

The pharmaceutical sale is very different from regular sales of any kind right from the [product](#) to the customer to the process of selling. Of all the sales, Pharmaceutical sale is considered to be one of the most lucrative and high paying jobs and also one of the most challenging jobs requiring a lot of learnings on the salesperson's part.



Team from GSK for Pre Placement Talk at Chitkara University, Punjab

EXPERT TALK OVER REVENUE MANAGEMENT

6th August, 2019.

Chitkara College of Hospitality Management organized an Expert Talk on 'Importance of Revenue Management in Hospitality Industry', at the campus today. Expert, Alam Khan, General Manager - Corporate Revenue and Distribution, Sarovar Hotels & Resorts; spoke about 'Revenue Management' and why is it important for Hospitality professionals - and strategies one can implement for "selling the right room, to the right client, at the right moment, for the right price, through the right distribution channel, with the best cost efficiency"





Students attending the session on left, on right a group picture being clicked with Mr. Alam Khan



Food & Beverages stall at Rangrezz Fest

27th & 28th September 2019

The world of theater is a magical place where storytelling comes to life in front of the audience. Bringing the magic onto the stage, the most awaited Chitkara University's national theater fest Rangrezz. During this event, students of Hospitality managed a beverage stall for the participants. This activity gave them exposure to manage and handle the pressure of an event with live customers in the hostel industry.



Students and Faculty posing on the stall before the event



Students during the event, on beverage stall

ENTREPRENEURSHIP IN HOSPITALITY AND Q/A ABOUT FUTURE TRENDS**11 MAY, 2020**

Mr. Gyaru Thakur had interacted with students during the lockdown period to enlighten them about the current and future situation of hospitality industry all over the world. He motivated the student and suggested them to a broader thought process regarding the current situation of lockdown. He briefed the workshop on entrepreneurship skills and future trends. He also focused on the actions planned by the hospitality industry to reopen and cope up with the losses been beard during this lockdown period.



The poster is a promotional graphic for a workshop. It features a dark blue geometric pattern on the left side. The top right corner contains the Chitkara University logo, which is a red square with a white stylized 'C' and 'U' inside, followed by the text 'CHITKARA UNIVERSITY' in black. The main title 'Entrepreneurship in Hospitality and Q/A about Future Trends' is written in white on a dark blue background. Below the title, it says 'For Hospitality Students'. On the left, it lists the workshop leader: 'Workshop by Gyaru Thakur, Entrepreneur and F&B Manager, Etihad Airways'. A circular portrait of Gyaru Thakur is placed next to his name. On the right, the date and time are listed: '11th May, 2020' and '11:30 am'.

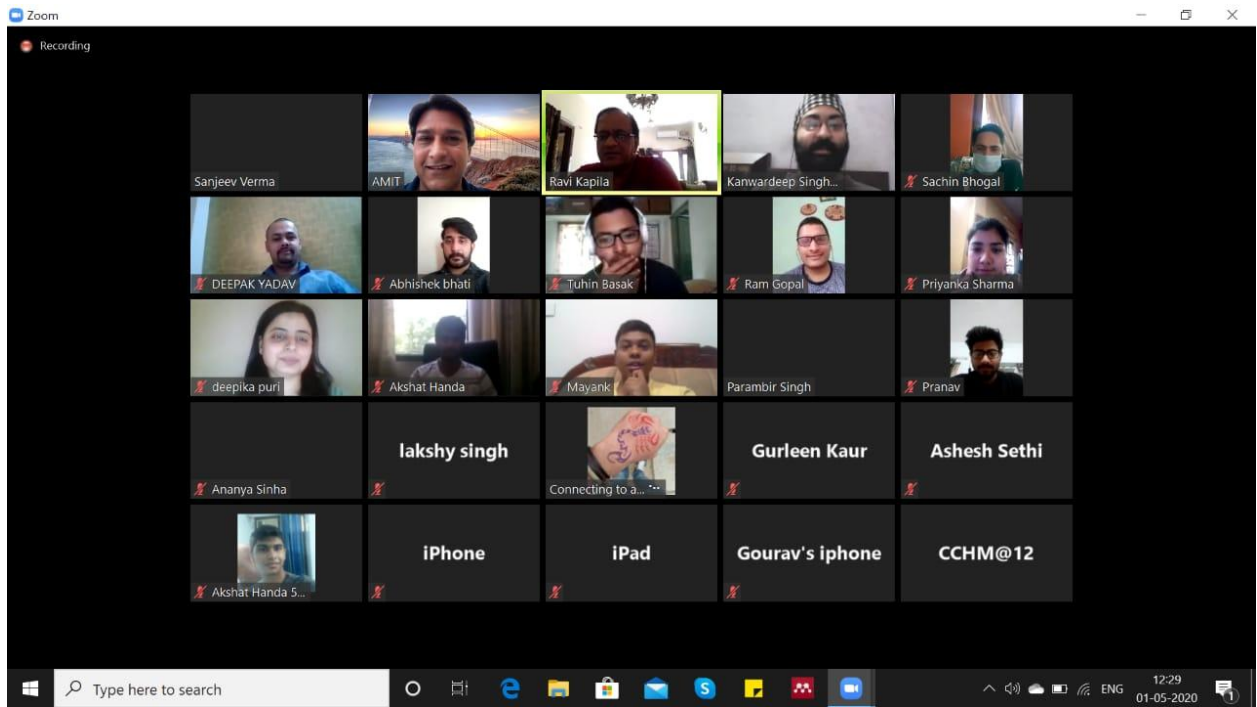
CHITKARA UNIVERSITY

Entrepreneurship in Hospitality and Q/A about Future Trends

For Hospitality Students

Workshop by
Gyaru Thakur
Entrepreneur and F&B Manager
Etihad Airways

**11th May,
2020
11:30 am**



Online webinar on “Entrepreneurship in Hospitality and Q/A about future trends”

WEBINAR ON REVENUE MANAGEMENT

05.06.2020

Chitkara College of Hospitality Management organized an online session for the students of final year on revenue management. Mr. Ankush Gagneja (Revenue Manager - Taj Fort Aguada & Spa, Goa), interacted with students and explained about different methods & factors that affect the calculation of revenue of a hotel. He also shared current situations and their plan to manage revenue loss during lockdown, which enable students to understand and form different policies and plans to increase the revenue as well as effective management of the resources.

RESOURCE PERSON: Mr. Ankush Gagneja, Revenue Manager - Taj Fort Aguada & Spa, Goa

Revenue Management Tactics in the “New Normal”

Forecast	Control
<ul style="list-style-type: none"> • Focus more on recent pick up than past trends. Demand forecasting will have to be short term. • IdeaS hotels should engage in continuous forecast validation. • Avoid reliance on past data, PACE and historical trends etc. to forecast the future. • Keep a track of airline movements – this is a strong indicator of incoming business . • Follow up constantly on any MICE queries – this will help to build a strong forecast. 	<ul style="list-style-type: none"> Manage overbooking levels- Keep enough base inventory open throughout the year - across ch Maintain flexibility at all times – especially for re. guests Adopt new chain-wide cancellation policies.

Participants: Amanjeet Bhalla, Chitkara Univer..., Ashesh Sethi

Mr. Gagneja explaining Revenue tactics to students

Value Creation for Guest & Employees involving digitalization of products & services15.06.2020

Chitkara College of Hospitality Management organized a webinar for students on Value Creation for Guest & Employees involving digitalization of products & services with Mr. Kush Kapoor (CEO – Roseate Hotels & Resorts). Mr. Kush explained students about increased digitalisation in industry also advised them to be more technology friendly. Students enjoyed the session and get more information about current technology trends in hotel industry.

RESOURCE PERSON: Mr. Kush Kapoor , CEO – Roseate Hotels & Resorts



***Value Creation For
Guest And Employees
Involving Digitalisation
of Products And Services***

by
Kush Kapoor
CEO, Roseate Hotels & Resorts

15th June
12pm - 1pm

Event Details	
Title of the Event:	Pre-Placement Talk Series
Date of the Event:	31.01.2020
No. of Student Enrolled:	110
No. of Student Attended/ Benefited:	110
Resource Persons:	<ol style="list-style-type: none"> 1. Mr. Simranjeet Singh, Parexel Pvt.Ltd. 2. Ms. Priyanka Pahuja, Parexel Pvt.Ltd. 3. Mr. Amit, Parexel Pvt.Ltd.

Mr. Simranjeet Singh, Ms. Priyanka Pahuja & Mr. Amit (Team Leads, Paraxel (I) Ltd.) were invited. The team leads from Parexel (I) Ltd., with their experience delivered a talk on management of Pharmacovigilance data and safety reporting, ensuring quality assurance and compliance to global regulations. The experts have discussed various issues and science & activities relating to the detection, assessment, understanding & prevention of adverse effects or any other drug related problems. The experts discussed the drug safety in practice, need for monitoring the safety of drugs and pharmacovigilance organisation.

The experts discussed the following points:

The science & activities relating to the detection, assessment, understanding & prevention of adverse effects or any other drug related problems, example-Thalidomide – in 1960 marked in 46 countries (hypnotics, prevention of nausea in pregnancy); heavily promoted; in 1960 first reports of deformed infants (phoecomelia).



Team from Parexel for Pre-Placement Talk at Chitkara University, Punjab

Event Details	
Title of the Event:	Pre-Placement Talk Series
Date of the Event:	12.02.2020
No. of Student Enrolled:	145
No. of Student Attended/ Benefited:	145
Resource Persons:	1. Mr. Sumit Sharma, Alembic Pharma

Mr. Sumit Sharma is Deputy General Manager at Alembic Pharmaceuticals Limited. In his talk, he discussed how to manage sales of pharmaceutical products. Apart from this he also shares his experience in building new business, their strategies, setting up business operations & how to work with multiple agencies. In his talk, he also shared the target of pharmaceutical sales/audience and how pharmaceutical sale is different from regular sales.

He kept his session focused on the following:

The session included the following:

Sales of Pharmaceutical [products](#), which may include medicines, or surgical devices, consumables of any form, machines, and equipment used in surgeries is called Pharma Sales. The [target](#) audience is doctors of any kind, chemists, and/or purchase in-charge in hospital or pharmacies. The process of Pharmaceutical sales: Like every sale, there is a buyer and a seller. In this case, the buyer depends on the product of the manufacturer. For discussion's sake, we will consider all of the buyer kinds.



Team from Alembic Pharma for Pre-Placement Talk at Chitkara University, Punjab

Event Details	
Title of the Event:	Pre-Placement Talk Series
Date of the Event:	02.09.2019
No. of Student Enrolled:	130
No. of Student Attended/ Benefited:	130
Resource Persons:	1. Ms. Rupali, Roots Analysis

Ms. Rupali Manager from Root Analysis delivered an expert talk on the various applications and procedures in Pharmacovigilance domain. She in her expert talk emphasised the clinical data management and systematic safety reporting. The audience were also informed about the review and approval procedures of new drugs by regulatory agencies. In her expert talk, she focussed about various capabilities in Pharmacovigilance Professional.

The expert discussed the following points:

The present pipeline of pharmaceutical products is becoming increasingly complex and requires specialized facilities, equipment and operational expertise. In addition, the costs associated with acquiring manufacturing capabilities are exorbitant and, therefore, it is difficult for companies with limited finances and capacity constraints to succeed by themselves. Over the years, the contract manufacturing market has grown into a prominent and promising segment of the overall pharmaceutical industry. Company belong to collect the data from the tie up companies and perform the statistical analysis of data of meta population analysis of the reportings



Team from Roots Analysis for Pre-Placement Talk at Chitkara University, Punjab

Event Details	
Title of the Event:	Pre-Placement Talk Series
Date of the Event:	26.09.2019
No. of Student Enrolled:	100
No. of Student Attended/ Benefited:	100
Resource Persons:	1. Mr. Satya Suresh Venkata Attili, Clinsync CRO

Mr Satya Suresh Venkata Attili from Clinsync CRO, Hyderabad delivered a talk on detection, assessment, understanding & prevention of adverse effects related to drugs. Experts discussed the various information that enables the intelligent, evidence-based use of medicines and posse the potential for preventing many adverse reactions. In their talk, they effectively explained the need of patient to receive optimum therapy, and on a population basis, will further will help to ensure the acceptance and effectiveness of public health programmes.

The experts discussed the following points:

The science & activities relating to the detection, assessment, understanding & prevention of adverse effects or any other drug related problems. There are many ways of building Pharmacovigilance capability and many differences in how Pharmacovigilance system is created.

Systematic safety monitoring is needed to identify previously recognized and unrecognized adverse drug reactions and to evaluate the safety and efficacy of medicinal products during clinical trials and in the post marketing period. Review and approval of new drugs by regulatory agencies is dependent upon a trust that clinical trials data presented are of sufficient integrity to ensure confidence in results & conclusions presented by Pharma Company.



Expert from Clinsync CRO for Pre-Placement Talk at Chitkara University, Punjab

Event Details	
Title of the Event:	Pre-Placement Talk Series
Date of the Event:	25.10.2019
No. of Student Enrolled:	130
No. of Student Attended/ Benefited:	130
Resource Persons:	1. Mr. SV Krishna Prasad, Cito Healthcare

Mr. S.V. Krishna Prasad, delivered a talk on management of Pharmacovigilance data and safety reporting, ensuring quality assurance and compliance to global regulations. The experts assured the safety of medicines by ensuring reliable and timely exchange of information on drug safety issues, promoting pharmacovigilance activities throughout and encouraging participants in the WHO Programme for International Drug Monitoring.

The experts discussed the following points:

The science & activities relating to the detection, assessment, understanding & prevention of adverse effects or any other drug related problems. EM trials help development teams meet recruitment target relatively easier than other segments. Look at the potential that a continent such as Africa holds for various trials especially anti-retroviral. Running trials in EM requires a strong nodal control/centralized communications. Understanding the Cultural challenges, Ethos and Law of the land are crucial for choosing a CRO partner in the planned segment. As is well known, in some countries, locally registered drugs require trial conduction on local population only is a factor which needs to be kept in mind e.g. Japan, Mexico and Russia.



Expert from Cito Healthcare for Pre-Placement Talk at Chitkara University, Punjab

CHITKARA COLLEGE OF PHARMACY**WORLD LEPROSY ERADICATION DAY****30.01.2020****RADIO STATION CHITKARA UNIVERSITY**

On the occasion of World Leprosy Eradication Day 2020, 30th January 2020, Harnoor Kaur student of B. Pharm, member of **National Service Scheme, Chitkara University** deliver a radio talk to create awareness among the youth and the citizen of the country about the leprosy. She discussed about symptoms, causes, types and treatment of leprosy. She told that **Leprosy** is an infectious disease that causes severe, disfiguring skin sores and nerve damage in the arms, legs, and skin areas around your body. **Leprosy** has been around since ancient times. Outbreaks have affected people on every continent. But **leprosy**, also known as Hanson's disease, isn't that contagious. She aware the people to take the skin infections seriously and get them treat immediately.



NSS volunteer delivering talk on World Leprosy Eradication Day

Effective Usage of EBSCOhost Platform

Date: 19 May 2020

Resource Person: Mr. Ritesh Kumar, IEEE, Client Services, EBSCO,

No. of participants: 75

Doctoral Research Centre, Chitkara Business School, Chitkara University has organized an online workshop on Effective Usage of EBSCOhost Platform in collaboration with Central Library Chitkara University, Punjab, India. EBSCOhost provides multidisciplinary and subject-specific databases. It is considered as one of the leading academic databases which provide access to quality journals and ebooks. Mainly, the PhD students and early-stage faculty members face the difficulties in identifying and short-listing the relevant literature for their research. This generally results in the wrong conceptualization and measurement which leads toward the poor research outputs.

This workshop aimed at providing the detailed practical knowledge about the usage of EBSCO database in terms of the placement of keywords, use of different inclusion and exclusion criteria, short-listing relevant articles, and downloading and analyzing bibliometric information. This workshop was attended by 75 participants.

CHITKARA UNIVERSITY

EBSCO
Information Services

Workshop on
Effective Usage of EBSCOhost Platform (Manage your Researches with - Business Source Elite) – An Online WebEx Training session
Organized by
Doctoral Research Centre & Central Library, Chitkara University
Punjab, India

Date – Tuesday, 19th May 2020
Timings – 02:00 PM to 04:00 PM
Venue: Online WebEx

Technical Talk:
Effective Usage of EBSCOhost Platform with Business Source Elite collection

Speaker:
Ritesh Kumar,
IEEE Client Services
EBSCO Information Services

Convener:
Doctoral Research Centre,
Central Library
Chitkara University Punjab

Coordinators:
Dr. Deepika Jhamb
Mr. Jaswinder Singh

You are invited to learn more about:

- How to access the collections
- Basic and advanced search strategies
- Navigating through search results and printing/emailing/saving/exporting articles
- How to find all Videos
- How to find Company Profiles
- How to find Case Study
- Index and Thesaurus searching
- Keeping up to date using alerts
- Creating/ Managing/ sharing the personal folders.
- Questions and Feedback

Link: <https://libem-infra.webex.com/libem-infra/join?MTID=1b01f2f0b42ae57a65d5c81b2d72b28>

Workshop on how to write a research paper**Date:** 6-7 April 2020**Resource Person:**

Dr. Pawan Kumar Chand, Associate Professor, Doctoral Research Centre, Chitkara Business School, Chitkara University

No. of participants: 27

Doctoral Research Centre, Chitkara Business School, Chitkara University has organized an online workshop on how to write a research paper in collaboration with Chitkara

University Language Centre from 6 to 7 April 2020. Indeed, writing a research paper is a difficult task. How to write scientifically and systematically all are important issues to understand for a researcher. Most of the scholars and researchers do great works during their research but when the question comes to write a paper on their research, and then they fail to do so. This is because of lack of information, understanding the procedure, process, lack of knowledge and proper guidance. The present workshop aimed at uncovering the basic structure for writing a good research paper and offer deep insights on types of Research- Quantitative, Qualitative and Mixed, the difference among concepts, variables, theories and their significance with examples, research process, and formats for Review, survey and empirical paper.

Event Details	
Name of the Department:	Chitkara Business School
Title of the Event:	Healthcare Technology - Effect on Economy
Date of the Event:	24 th Oct, 2019
No. of Student Attended/ Benefited:	42
Resource Persons:	Dr Suptendra Nath Sarbadhikari
Venue	LH3

Healthcare Technology - Effect on Economy–The session was initiated with MBA Healthcare students of CBS department. The speaker discussed about the importance of healthcare technologies like new-age technologies, medical and manufacturing technologies in boosting the economy as the world. The new opportunities in healthcare sectors were discussed with the students and also various activities were conducted.

Session outcome: Students got knowledge about healthcare technologies coming in near future and they learnt about the scenario of healthcare sector, technological innovation, job opportunities in health sector and healthcare technologies in India and how it will effect the economy. The session facilitated students to understand the practices of employemnet and decent work.



Dr. Suptendra interacting with students and sharing his knowledge about healthcare technologies coming in near future

Event Details	
Name of the Department:	Chitkara Business School
Title of the Event:	Future Prospects in Ernst & Young
Date of the Event:	5 th February, 2020
No. of Student Attended/ Benefited:	70
Resource Persons:	CA Amit Chawla
Venue:	LH5

At BBA and B.COM Department, the third year of the degree program is oriented towards understanding of the special subjects of choice with the training sessions. The EY training is all about practical scenarios applicable in real business life and entails financial statement analysis, financial modelling and valuation. Students experienced how the innovation in industry can help in economic growth.

Purpose of the Activity:/Perceived Outcomes:

- Students learnt how to do accurate and efficient analysis of historical data and appropriate projection of financial performance.
- Students learnt how to take business decisions based on facts and data
- Students learnt to develop acumen to save cost and time across business operation.



BBA and B. Com students attending lecture on Future prospects in Ernst & Young: Certification in Business Processes conducted by CA Amit Chawla

Event:	Youth Leadership Hiking And Trekking Camp
Date:	26th February 2020
Venue:	Chitkara University, Punjab
Organized By:	NSS Chitkara University
Organizer:	Ms. Vandana, Associate Professor

Department of Computer Applications **under the aegis of NSS Department of Chitkara University, Punjab organized a Blood Donation Camp on February 26 at the Sports Arena, Indoor Stadium.** There was tremendous participation this year from students of BCA and MCA with **approx 100 enthusiastic registrations.** The donors were given fruits, juice and sweets as refreshment. The blood donors were also facilitated with a certificate and a gift to appreciate their good deed. The mega successful event was made possible with the support of Rajindra Hospital, Patiala and PGIMER, Chandigarh.

In all, the camp was a megahit, starting on the note of kindness and humility and ending on the note of satisfaction and happiness.

Total NSS volunteers: 100



Student performing activities during Adventure Camp



9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



Guest Lecture on “Quadcopter and its Applications”

Type of Event: Technical

Date: November 5th, 2019

Venue/Online Platform: Pierre Hall, Chitkara University, Punjab

Name of Organizing Agency with Contact Details: Department of Electronics and Communication Engineering

No. of Participants:82

Facilitators: Mr. Gurjinder Singh(gurjinder.singh@chitkarauniversity.edu.in)

Resource Person: Mr. Sunny Kumar (Chandigarh Institute of Drones)

Description of Event

Department of Electronics and Communication Engineering in association with Chandigarh Institute of Drones has organized a Guest Lecture on “Quadcopter and its Applications” on 05 November 2019. Resource Person of this lecture was Mr. Sunny Kumar from Chandigarh Institute of Drones. The students were given deep insights of unmanned aerial vehicles and also given hands-on flying experience of drones during the lecture.

Photographs of the Event:



Guest Lecture on “Quadcopter and its Applications”



Demonstration of Quadcopter



Demonstration of Quadcopter to the students



Discussion of Quadcopter with the students

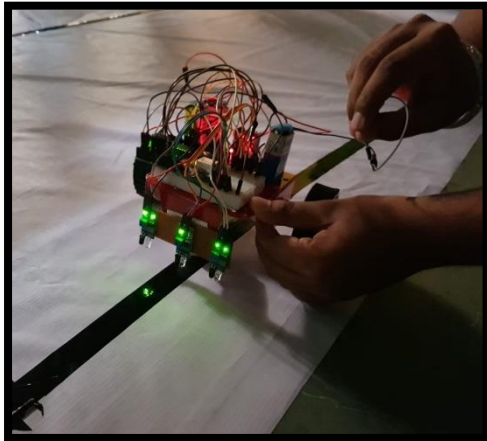
India Skills Competition**Type of Event:** Technical**Date:** 9th and 14th Aug 2019**Venue:** Electronique Design Lab, CUIET, Punjab**Name of Organizing Agency with Contact Details:** Department of Electronics and Communication Engineering**No. of Participants:**40**Facilitators:**Mr. Pulkit Gaur**Resource Person:**Mr. Amit Kumar, Assistant Professor (ECE)
(amit.pandey@chitkara.edu.in) (8054579080)**Description of Event**

India Skills is a Bi-annual event organized at National level amongst 30 odd different skills. For year 2020 India skills competition, a University level selection round was organized for department of ECE for Mobile Robotics category. Over 20 teams participated in selection process and only five teams were able to qualify for the next level of participation in India Skills series.

List of Winners (If Applicable)

S.No.	Team Name	Student Name	University
1	Team Velocity	Sumit Kumar and Sonal	Chitkara University
2	Team Unics	Chailsy and Roowz	Chitkara University
3	Team Spirt	Achal and Divya	Chitkara University
4	Team Spectrum	Karanvir Singh and Rohitgoyal	Chitkara University
5	Team Techhackers	Sundaram and Aditya	Chitkara University

Photographs of the Event



Model made by Students



Participating students and their models



Group Photograph

REPORT ON EXPERT TALK

EVENT DETAILS	
Event Name	Expert Talk
Topic	Career Opportunities in Mechatronics Engineering
Date	26/09/2019
Time	10.30 AM to 12.00 PM
Organized By	Department of Mechanical Engineering (Mechatronics)
Resource Person	Mr. Deepak Nair, B. Sc. Electronics, Oxford University

The decisions related to careers play vital roles in determining and shaping the future prospects and developmental growth of students. In the current era of diverse options, staying intact and aware of the variety of choices available aids the wards in their decision making process. Thus, an expert talk had been organized by the Department of Mechanical Engineering (Mechatronics), Chitkara University on the topic of “Career Opportunities in Mechatronics Engineering” on 26/09/2019. The main objective of this session was to offer career counseling to the blooming Mechatronics Engineers.

The session commenced with an inaugural function where the keynote speaker Mr. Deepak Nair was felicitated by Dr. Vijay Kumar, Dean, Civil and Mechatronics Engineering; and Mr. Nitesh Parmar, Program In-charge, Civil and Mechatronics Engineering. The talk delivered by the speaker was focused upon making the audiences aware of the diverse career opportunities that they could grab in the field of Mechatronics engineering. The speaker also highlighted during the session a variety of postgraduate courses and a list of leading educational institutes offering the same that the students could pursue for their higher studies in the domain of Mechatronics engineering. He also encouraged the students to choose a domain of their choice and interest depending upon their expectations from the course and not merely under any sorts of family expectations and peer pressure. He guided the students to learn on how to identify their core skills and areas of interest. Nonetheless, he also presented to the students various methods in which they could plan multiple activities that would eventually help them to hone their skill-set. Undoubtedly, the session proved extremely enriching and worthwhile for the students. The total audience comprised of all the faculty members of the Mechatronics Engineering along with a total of 27 undergraduate students.

The session as a whole touched upon the various technical and practical aspects of long term outcomes of pursuing Mechatronics Engineering and helped the students in building and

choosing a vivid career path for themselves. We, as a department express our immense gratitude to the University for their approval and guidance for the successful conduct of this session.



Mr. Deepak demonstrating the latest advancements to the participants

REPORT ON EXPERT TALK

EVENT DETAILS	
Event Name	Expert Talk
Topic	MatLab Based Modelling, Simulation and Real-Time Control of Robotics Manipulators
Date	14/11/2019
Time	11:30 AM to 1:30 PM
Organized By	Department of Mechanical Engineering (Mechatronics)
Resource Person	Dr. Ashish Singla, Associate Professor, Mechanical Engineering, Thapar University, Patiala.

The Department of Mechanical Engineering (Mechatronics) organized an expert talk on the topic of “MatLab Based Modelling, Simulation and Real-Time Control of Robotics Manipulators” on November 14, 2019. The prime objective of this talk was to initiate, amongst the students, the knowledge of how the MatLab software may be utilized in the control of automated systems.

The session commenced with an inaugural function where the keynote speaker Dr. Ashish Singla, Associate Professor, Mechanical Engineering was by felicitated by Dr. Vijay Kumar Jadon, Dean, Civil and Mechatronics Engineering; and Mr. Nitesh Parmar, Program In-charge, Civil and Mechatronics Engineering.

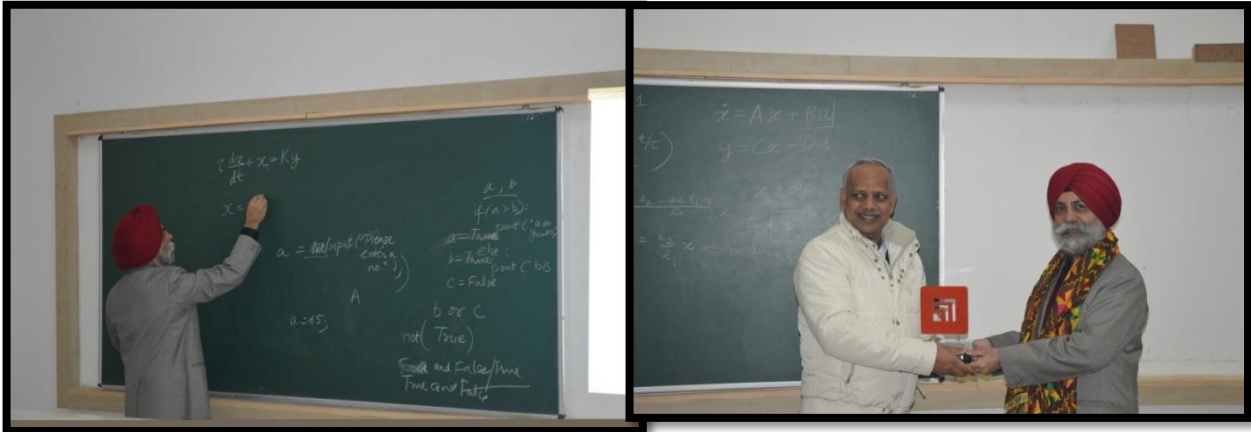
REPORT ON EXPERT TALK

EVENT DETAILS	
Event Name	Expert Talk
Topic	Career Options in Robotics Control
Date	26/12/2019
Time	11:30 AM to 12:00 PM
Organized By	Department of Mechanical Engineering (Mechatronics)
Resource Person	Dr. S.S. Dhama, Professor & Head, Mechanical Engineering, NITTTR Chandigarh

In the era of robotics and automation, it becomes crucial to spread awareness and increase the conceptual knowledge base of the students oriented with the undergraduate programs of engineering in this specific field. Therefore, the Department of Mechanical Engineering (Mechatronics) organized an expert talk on the topic of “Career Options in Robotics Control” on December 26, 2019. The prime objective of this talk was to initiate, amongst the students, the knowledge of how the controllers function, their role in aerial robotics and most primarily how are they designed.

The session commenced with an inaugural function where the keynote speaker Dr. S. S. Dhama, Professor, NITTTR was by felicitated by Dr. Vijay Kumar Jadon, Dean, Civil and Mechatronics Engineering; and Mr. Nitesh Parmar, Program In-charge, Civil and Mechatronics Engineering. The talk delivered by the speaker laid focus upon making the audience aware of the diverse controls in robotics. The speaker talked upon the various technical aspects of controller design for a UAV and also how crucial the P-I-D parameters are in the design of a robot. The speaker also enlightened the audience about the real time applications of robotic control and its future prospects as well. The speaker highlighted the recent literature survey being held in the domain of PID controllers and their design. He also touched other primary aspects of robotics control systems throughout the lecture. The session ended with acknowledging the students about career development opportunities in the field on aerial robotics and its control system design. The speaker highlighted several specialization courses available in this domain for various post graduate programs. Also, the speaker listed a few multinational companies in India and Overseas, which the students pursuing this domain with intellect could target for their future placements.

The session as a whole touched upon the various technical and practical aspects of long term outcomes of robotics control systems and PID controllers thus aiding the students in building vivid objectives for themselves and enriching their knowledge banks and core skills with such worthwhile knowledge and literature from the speaker. We, as a department express our immense gratitude to the University for their approval and guidance for the successful conduct of this session.



Dr. Dhami explicating the terminologies of control systems

Dr. Vijay facilitating the efforts of Dr. Dhami during valediction of the talk

REPORT ON EXPERT TALK

EVENT DETAILS	
Event Name	Expert Talk
Topic	Introduction to Microsoft Teams Platform
Date	4/5/2020
Time	03:00 PM to 04:00 PM
Organized By	Department of Mechanical Engineering (Mechatronics)
Resource Person	Nitesh Parmar, Mechanical Engineering, CUIET, Punjab

The Department of Mechanical Engineering (Mechatronics) organized an expert talk on the topic of “Introduction to Microsoft Teams Platform” on May 4, 2020. The prime objective of this talk was to educate faculty members about the online platform to be utilized for academic activities. A total of 40 faculty members from Mechanical, Mechatronics and Civil Engineering participated in the session. The event proved to be fruitful as the faculty members started using the platform for Online classes.

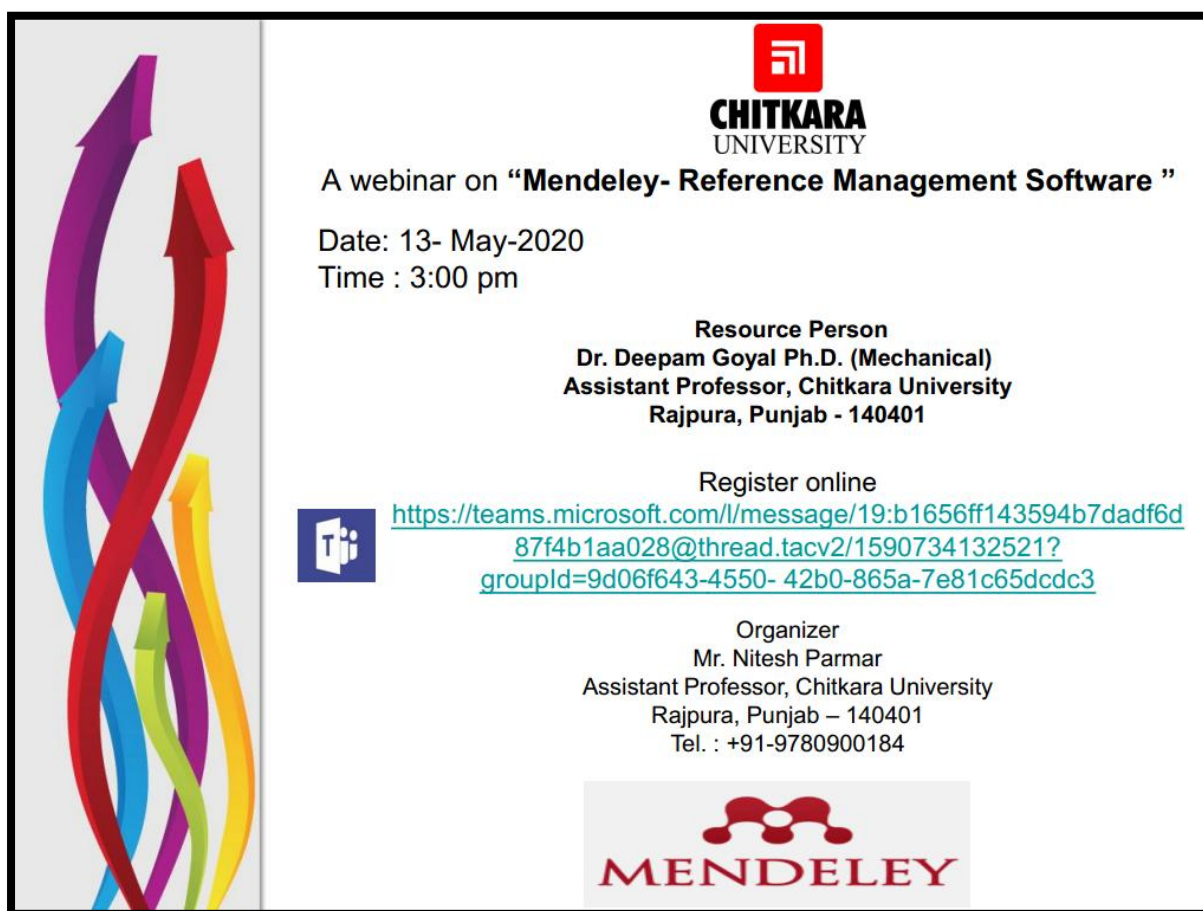



A screenshot of the presentation

REPORT ON EXPERT TALK

EVENT DETAILS	
Event Name	Expert Talk
Topic	Mendeley- Reference Management Software
Date	13/5/2020
Time	03:00 PM to 4:00 PM
Organized By	Department of Mechanical Engineering (Mechatronics)
Resource Person	Dr Deepam Goyal, CURIN, CU, Punjab

Dr Deepam Goyal, an expert in the research field, delivered a lecture to educate and encourage the faculty members to adopt the use of Mendeley in their research work and articles. A total of 10 faculty members from Mechanical, Mechatronics and Civil Engineering participated in the session.




CHITKARA
UNIVERSITY

A webinar on “**Mendeley- Reference Management Software**”

Date: 13- May-2020
Time : 3:00 pm

Resource Person
Dr. Deepam Goyal Ph.D. (Mechanical)
Assistant Professor, Chitkara University
Rajpura, Punjab - 140401

Register online

 <https://teams.microsoft.com/l/message/19:b1656ff143594b7dadf6d87f4b1aa028@thread.tacv2/1590734132521?groupId=9d06f643-4550-42b0-865a-7e81c65dc3>

Organizer
Mr. Nitesh Parmar
Assistant Professor, Chitkara University
Rajpura, Punjab – 140401
Tel. : +91-9780900184


MENDELEY

REPORT ON EXPERT TALK

EVENT DETAILS	
Event Name	Expert Talk
Topic	LaTeX for Beginners
Date	29/5/2020
Time	03:00 PM to 04:00 PM
Organized By	Department of Mechanical Engineering (Mechatronics)
Resource Person	Dr Deepam Goyal, CURIN, CU, Punjab

The department organized an event to encourage the use of LaTeX amongst the faculty members and the lecture was delivered by Dr Deepam Goyal, an expert in the research field. The event received a participation of 15 faculty members from Mechanical, Mechatronics and Civil Engineering.



CHITKARA
UNIVERSITY

E learning webinar on “**LaTeX for Beginners**”

Date: 29- May-2020
Time : 3:00 pm

Speaker
Dr. Deepam Goyal Ph.D. (Mechanical)
Assistant Professor, Chitkara University
Rajpura, Punjab - 140401
Tel: +91-9915158515

Register online

 <https://teams.microsoft.com//message/19:b1656ff143594b7dadf6d87f4b1aa028@thread.tacv2/1590734132521?groupId=9d06f643-4550-42b0-865a-7e81c65dc3>

Organizer
Mr. Nitesh Parmar
Assistant Professor, Chitkara University
Rajpura, Punjab – 140401
Tel. : +91-9780900184

Report on Expert Session**Chitkara College of Pharmacy, Chitkara University, Punjab****Date: 9th April 2020**

Chitkara College of Pharmacy, Chitkara University, Punjab didn't let the current conditions to hamper the process of teaching and learning. The institute through the E – Learning resources conducted an expert session on 9th May 2020, where Dr. Lakshmi Prasanna Kolluru had delivered an informative session on Generic Parenteral Product Development and CMC Filing. During this current Pandemic (COVID – 19), the institute continued to deliver its expert services to the students.

The session was organized by Dr. Sandeep Arora, Professor & Director, Chitkara College of Pharmacy, Chitkara University, Punjab and was moderated by Dr. Suman Baishnab, Asst. Professor, Chitkara College of Pharmacy, Chitkara University, Punjab.

Dr. Prasanna is a Senior Formulation Scientist at Medefil, Inc. Illinois, US who in spite of her busy schedule had spared time for the students of Chitkara University, Punjab. She has a very vast experience in the field of Research and Formulation. The institute had the privilege to deliver her experience to the students.

The complete session focused on 3 points:

7. What exactly is done in generic industry?
8. How to develop generic products?
9. How to present this information to regulatory agencies?

The complete 1 ½ hour session covered the various aspects of these topics. The session covered the various stages of development i.e. Analytical Development, Formulation Development, Microbiology, Technology Transfer, Manufacturing, Regulatory Aspects and Quality Assurance.

Approximately 180 students from B. Pharm & M. Pharm attended this session which was very useful for them. A round of discussion was also conducted after the session, where the students were given a chance to ask their queries and were also given a chance to share their thoughts and views over the topic.

Generic Parenteral Product Development and CMC Filing

Chitkara University
09 May 2020

Prasanna Kolluru, PhD
Medefil Inc

In the next hour...

- What exactly we do in generic industry?
- How do you develop generic products?
- How do you present this information for regulatory agency?

*With focus on parenteral products

Why do we need generic drugs?

Average cost of a generic drug is 80-85% LESS than its brand counterpart

<https://www.fda.gov/drugs/development-research-and-manufacturing/understanding-generic-drugs/020816.htm>

Overview of Product Approval

New Drug Product (NDA)	Generic Drug Product (ANDA)
<ul style="list-style-type: none"> • Identify formulation composition, container closure and manufacturing process • Evaluate drug product attributes on stability 	<ul style="list-style-type: none"> • Identify formulation composition, container closure (preferably similar to RLD) and manufacturing process • Evaluate drug product attributes on stability • Bioequivalence studies (sometimes can be waived) sufficient to establish clinical effectiveness

Extensive clinical trials to establish safety and efficacy of the drug product

Analytical Development

- Develop methods for Active Pharmaceutical Ingredients:
 - 1) Assay- Active Chemical
 - 2) Impurities- Total Impurities and any known impurities
 - 3) Excipients characterization
 - Preservatives (Eg: Benzyl alcohol, Chlorobutanol)
 - Tonicity agents (Eg: Dextrose)
 - Chelating agents (Eg: EDTA)
 - Anti-oxidants (Eg: BHT)
- Forced Degradation Studies: Evaluate acid, base, light, heat and oxygen sensitivities ; Understand degradation pathways

Tonicity agents and Osmolality

- Assures that the product is compatible with the tissues at the site of administration
- If a product is not isotonic, tissues get disrupted and the drug product will be painful during administration
- Target range of 275 to 320 mOsm/kg
- 0.9% NaCl injection or 5% dextrose solution
- Drug product compatibility with chloride or ions in general might be a concern. Mannitol or Trehalose can be used in such cases

Report on Expert Session

Chitkara College of Pharmacy, Chitkara University, Punjab

Date: 12th June 2020 & 15th June 2020

Chitkara College of Pharmacy, Chitkara University, Punjab didn't let the current conditions to hamper the process of teaching and learning. The institute through the E – Learning resources conducted an expert session on 12th June 2020 & 15th June 2020, where Dr. Sohil Khan had delivered an informative session on Increasing Value & Reducing Waste: Current Dilemma in COVID 19 Research. During the current Pandemic (COVID – 19), the institute continued to deliver its expert services to the students.

The session was organized by Dr. Sandeep Arora, Professor & Director, Chitkara College of Pharmacy, Chitkara University, Punjab, Prof. Harleen Sandhu, Assoc. Director, Office of International Affairs, Chitkara University, Punjab and was moderated by Dr. Suman Baishnab, Asst. Professor, Chitkara College of Pharmacy, Chitkara University, Punjab.

Dr. Khan is a faculty at the School of Pharmacy & Pharmacology, Griffith University, Australia who in spite of his busy schedule had spared time for the students of Chitkara University, Punjab. He has a very vast experience in the field of pharmacology. The institute had the privilege to deliver his experience to the students.

Approximately 150 students from B. Pharm & M. Pharm attended this session which was very useful for them. A round of discussion was also conducted after the session, where the students were given a chance to ask their queries and were also given a chance to share their thoughts and views over the topic.

CHITKARA UNIVERSITY **Griffith UNIVERSITY**
Queensland, Australia

TRANSLATIONAL RESEARCH SEMINAR
Chitkara University, India in collaboration with Griffith University, Australia

Increasing Value and Reducing Waste: Current Dilemma in COVID-19 Research

Synopsis:
Dr Sohil Khan of Griffith University, Gold Coast Australia is on the front line of rapid evidence response team to generate near-real time CRITICALLY APPRAISED THERAPEUTIC EVIDENCE IN COVID – 19

Dr Sohil Khan
Faculty & Research Fellow,
Griffith University
Gold Coast Australia

June 12th & 15th, 2020
10.30 AM IST

Report on PharmTech Web Series 01

Chitkara College of Pharmacy, Chitkara University, Punjab

Date: 22nd May 2020 & 23rd May 2020

Chitkara College of Pharmacy, Chitkara University, Punjab through the E – Learning resources conducted PharmTech Web Series 01 on 22nd May 2020 & 23rd May 2020, where many experts from various fields were invited to deliver their talk on their area of interests. During the current Pandemic (COVID – 19), the institute continued to deliver its expert services to the students.

The session was convened & chaired by Dr. Sandeep Arora, Dean, Chitkara College of Pharmacy, Chitkara University, Punjab, organized by Dr. Thakur Gurjeet Singh, Asst. Dean, Chitkara College of Pharmacy, Chitkara University, Punjab, and was coordinated by Dr. Suman Baishnab, Asst. Professor, Chitkara College of Pharmacy, Chitkara University, Punjab.

The experts who had delivered talk in these series were Dr. Sandeep Arora, Chitkara University, Punjab, Dr. Prasanna Kolluru, Medefil Inc., USA, Dr. Jitender Narayan Tiwary, Dr. Reddys Lab, Dr. Vinam Puri, RUTGERS, Dr. Mohd. Hisham, Cleveland Clinic

More than 250 students from B. Pharm, M. Pharm, Pharm D & M. Sc. Pharmacovigilance attended this series which was very useful for them. A round of discussion was also conducted after the sessions, where the students were given a chance to ask their queries and were also given a chance to share their thoughts and views over the topic.

Pharmaceutical Industry Worldwide

An Overview

- ◊ The pharmaceutical industry is responsible for the Development, Production and Marketing of Medications.
- ◊ Pharmaceutical companies may deal in Generic or Brand Medications and Medical Devices.
- ◊ They are subject to a variety of laws and regulations that govern the Patenting, Testing, Safety, Efficacy and Marketing of Drugs.
- ◊ Thus, its immense importance as a global sector is evident.

➤ Video

Research to Market - Pharma Global Perspective | Dr. Roshan Palwar | 23.MAY.2020




Chat Messages

Dr. Suman Baishnab 40:01

All attendees can put up their questions here

Dishaan Chahal 48:32

Sir how do you think that this Corona pandemic is going to affect this revenue ?

Dr. Arun Kumar 56:05

Sir how does the industry work on

2020-06-27 11:23:25

Plant Selection

- Commercial availability – Larger Volumes
- Authentic raw material
- Sustainable Source (Leaf, Flower, Fruit)
- CITES Free (the Convention on International Trade in Endangered Species)
- Contaminants, Heavy metals, Pesticides, Aflatoxins

At present there is a requirement for evidence based drug development with fluctuating of global economic scene. When developing novel drugs using traditional medicines it is essential to consider novel standard parameters whenever possible. Quality control of traditional medicines is also prerequisite of standard clinical trials.

It is essential to follow current standard quality controlling methods viz. Good Manufacturing Practice (GMP); Good Clinical Practice (GCP); Good Laboratory Practice (GLP); Chemistry, Manufacturing and Controls (CMC) or Pharmaceutical Quality.



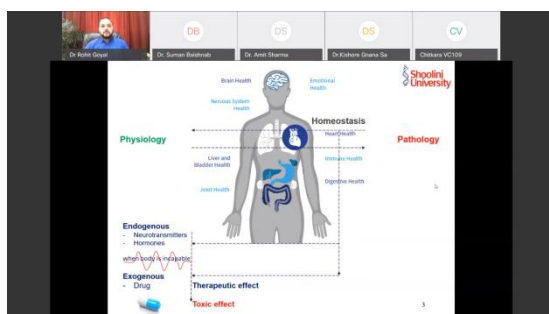
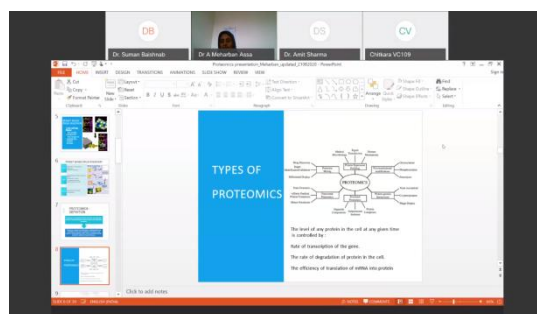
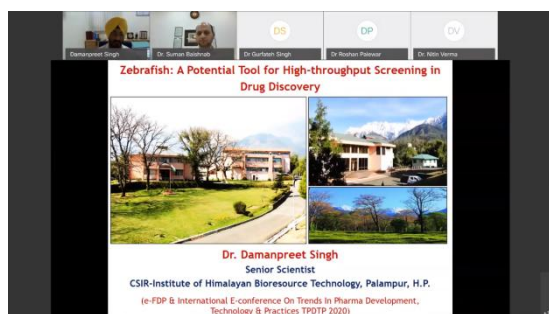
Report on PharmTech Web Series 01
Chitkara College of Pharmacy, Chitkara University, Punjab
Date: 10th June 2020 & 30th June 2020

Chitkara College of Pharmacy, Chitkara University, Punjab through the E – Learning resources conducted PharmTech Web Series 02 from 10th June 2020 to 30th June 2020, where many experts from various fields were invited to deliver their talk on their area of interests. During the current Pandemic (COVID – 19), the institute continued to deliver its expert services to the students.

The session was convened & chaired by Dr. Sandeep Arora, Dean, Chitkara College of Pharmacy, Chitkara University, Punjab, organized by Dr. Thakur Gurjeet Singh, Asst. Dean, Chitkara College of Pharmacy, Chitkara University, Punjab, and was coordinated by Dr. Suman Baishnab, Asst. Professor, Chitkara College of Pharmacy, Chitkara University, Punjab.

The experts who had delivered talk in these series were Mr. Ankur Joshi, Covance, Mr. Arvind Kumar, Sanofi Ltd., Dr. Kampanart Huanbutta, Dr. Roshan Palewar, DocRosh Global Solutions, Dr. Dharmendra Kumar, UCSI University, Malaysia.

More than 200 students from B. Pharm, M. Pharm, Pharm D & M. Sc. Pharmacovigilance attended this series which was very useful for them. A round of discussion was also conducted after the sessions, where the students were given a chance to ask their queries and were also given a chance to share their thoughts and views over the topic.



Event Details	
Title of the Event:	Pre-Placement Talk Series
Date of the Event:	17.01.2020
No. of Student Enrolled:	120
No. of Student Attended/ Benefited:	120
Resource Persons:	2. Mr. Pritesh Bhatia, GSK

Mr. Pritesh Bhatia is Corporate HR Manager at Glaxo Smith Kline. He delivered an expert talk on Sales of Pharmaceutical products, including medicines, surgical devices, consumables of any form, machines, and equipment used in surgeries. In his talk he discussed in pharmaceutical sale your targeted audience is doctors of any kind, chemists, and/or purchase in-charge in hospital or pharmacies.

The session included the following:

Sales of Pharmaceutical [products](#), which may include medicines, or surgical devices, consumables of any form, machines, and equipment used in surgeries is called Pharma Sales. The [target](#) audience is doctors of any kind, chemists, and/or purchase in-charge in hospital or pharmacies.

The pharmaceutical sale is very different from regular sales of any kind right from the [product](#) to the customer to the process of selling. Of all the sales, Pharmaceutical sale is considered to be one of the most lucrative and high paying jobs and also one of the most challenging jobs requiring a lot of learnings on the salesperson's part.



Team from GSK for Pre Placement Talk at Chitkara University, Punjab

Event Details	
Title of the Event:	Pre-Placement Talk Series
Date of the Event:	31.01.2020
No. of Student Enrolled:	110
No. of Student Attended/ Benefited:	110
Resource Persons:	4. Mr. Simranjeet Singh, Parexel Pvt.Ltd. 5. Ms. Priyanka Pahuja, Parexel Pvt.Ltd. 6. Mr. Amit, Parexel Pvt.Ltd.

Mr. Simranjeet Singh, Ms. Priyanka Pahuja & Mr. Amit (Team Leads, Paraxel (I) Ltd.) were invited. The team leads from Parexel (I) Ltd., with their experience delivered a talk on management of Pharmacovigilance data and safety reporting, ensuring quality assurance and compliance to global regulations. The experts have discussed various issues and science & activities relating to the detection, assessment, understanding & prevention of adverse effects or any other drug related problems. The experts discussed the drug safety in practice, need for monitoring the safety of drugs and pharmacovigilance organisation.

The experts discussed the following points:

The science & activities relating to the detection, assessment, understanding & prevention of adverse effects or any other drug related problems, example-Thalidomide – in 1960 marketed in 46 countries (hypnotics, prevention of nausea in pregnancy); heavily promoted; in 1960 first reports of deformed infants (phocomelia).



Team from Parexel for Pre-Placement Talk at Chitkara University, Punjab

Event Details	
Title of the Event:	Pre-Placement Talk Series
Date of the Event:	12.02.2020
No. of Student Enrolled:	145
No. of Student Attended/ Benefited:	145
Resource Persons:	2. Mr. Sumit Sharma, Alembic Pharma

Mr. Sumit Sharma is Deputy General Manager at Alembic Pharmaceuticals Limited. In his talk, he discussed how to manage sales of pharmaceutical products. Apart from this he also shares his experience in building new business, their strategies, setting up business operations & how to work with multiple agencies. In his talk, he also shared the target of pharmaceutical sales/audience and how pharmaceutical sale is different from regular sales.

He kept his session focused on the following:

The session included the following:

Sales of Pharmaceutical [products](#), which may include medicines, or surgical devices, consumables of any form, machines, and equipment used in surgeries is called Pharma Sales. The [target](#) audience is doctors of any kind, chemists, and/or purchase in-charge in hospital or pharmacies. The process of Pharmaceutical sales: Like every sale, there is a buyer and a seller. In this case, the buyer depends on the product of the manufacturer. For discussion's sake, we will consider all of the buyer kinds.



Team from Alembic Pharma for Pre-Placement Talk at Chitkara University, Punjab

Event Details	
Title of the Event:	Pre-Placement Talk Series
Date of the Event:	02.09.2019
No. of Student Enrolled:	130
No. of Student Attended/ Benefited:	130
Resource Persons:	2. Ms. Rupali, Roots Analysis

Ms. Rupali Manager from Root Analysis delivered an expert talk on the various applications and procedures in Pharmacovigilance domain. She in her expert talk emphasised the clinical data management and systematic safety reporting. The audience were also informed about the review and approval procedures of new drugs by regulatory agencies. In her expert talk, she focussed about various capabilities in Pharmacovigilance Professional.

The expert discussed the following points:

The present pipeline of pharmaceutical products is becoming increasingly complex and requires specialized facilities, equipment and operational expertise. In addition, the costs associated with acquiring manufacturing capabilities are exorbitant and, therefore, it is difficult for companies with limited finances and capacity constraints to succeed by themselves. Over the years, the contract manufacturing market has grown into a prominent and promising segment of the overall pharmaceutical industry. Company belong to collect the data from the tie up companies and perform the statistical analysis of data of meta population analysis of the reportings



Team from Roots Analysis for Pre-Placement Talk at Chitkara University, Punjab

Event Details	
Title of the Event:	Pre-Placement Talk Series
Date of the Event:	26.09.2019
No. of Student Enrolled:	100
No. of Student Attended/ Benefited:	100
Resource Persons:	2. Mr. Satya Suresh Venkata Attili, Clinsync CRO

Mr Satya Suresh Venkata Attili from Clinsync CRO, Hyderabad delivered a talk on detection, assessment, understanding & prevention of adverse effects related to drugs. Experts discussed the various information that enables the intelligent, evidence-based use of medicines and posse the potential for preventing many adverse reactions. In their talk, they effectively explained the need of patient to receive optimum therapy, and on a population basis, will further will help to ensure the acceptance and effectiveness of public health programmes.

The experts discussed the following points:

The science &activities relating to the detection, assessment, understanding &prevention of adverse effects or any other drug related problems. There are many ways of building Pharmacovigilance capability and many differences in how Pharmacovigilance system is created.

Systematic safety monitoring is needed to identify previously recognized and unrecognized adverse drug reactions and to evaluate the safety and efficacy of medicinal products during clinical trials and in the post marketing period. Review and approval of new drugs by regulatory agencies is dependent upon a trust that clinical trials data presented are of sufficient integrity to ensure confidence in results & conclusions presented by Pharma Company.



Expert from Clinsync CRO for Pre-Placement Talk at Chitkara University, Punjab

Event Details	
Title of the Event:	Pre-Placement Talk Series
Date of the Event:	25.10.2019
No. of Student Enrolled:	130
No. of Student Attended/ Benefited:	130
Resource Persons:	2. Mr. SV Krishna Prasad, Cito Healthcare

Mr. S.V. Krishna Prasad, delivered a talk on management of Pharmacovigilance data and safety reporting, ensuring quality assurance and compliance to global regulations. The experts assured the safety of medicines by ensuring reliable and timely exchange of information on drug safety issues, promoting pharmacovigilance activities throughout and encouraging participants in the WHO Programme for International Drug Monitoring.

The experts discussed the following points:

The science & activities relating to the detection, assessment, understanding & prevention of adverse effects or any other drug related problems. EM trials help development teams meet recruitment target relatively easier than other segments. Look at the potential that a continent such as Africa holds for various trials especially anti-retroviral. Running trials in EM requires a strong nodal control/centralized communications. Understanding the Cultural challenges, Ethos and Law of the land are crucial for choosing a CRO partner in the planned segment. As is well known, in some countries, locally registered drugs require trial conduction on local population only is a factor which needs to be kept in mind e.g. Japan, Mexico and Russia.

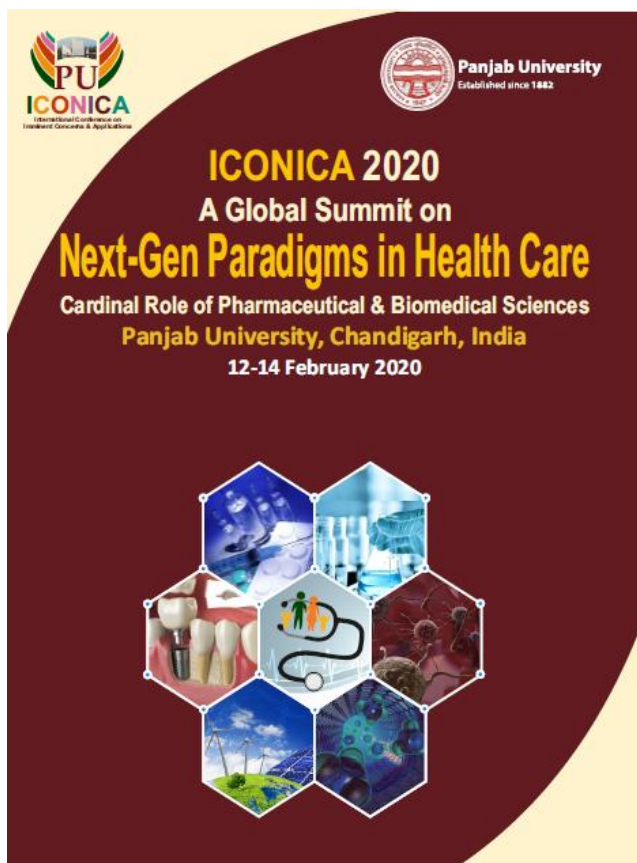


Expert from Cito Healthcare for Pre-Placement Talk at Chitkara University, Punjab

International Conference on Pharmaceutical Discovery & Development Trends-2020**CCP-UIPS-ICONICA Collaborative Sessions & Panel Discussion****On****12.02.2020 to 14.02.2020**

The aim of this global summit was to bring together the international community working in diverse domains of health, particularly, pharmaceutical, biomedical and dental and to provide a favorable ambience for presenting advancement and application in the domain, including cutting edge technologies like 3D-printing on organoids, dental implants and nano drug delivery, organ-on-a-chip using microfluidics and AI/biosensor-enabled theranostic/diagnostic tools and enlightens Quality Education, Industry innovation and infrastructure. The conference would bring together key speakers from across the world and hailing from various domains of health, especially, drug industry, medical & pharmaceutical practice, dental surgery, nutraceuticals, IPR, entrepreneurial ventures, regulatory affairs, academia and research. This conference offered an ideal opportunity to develop new collaboration and partnership with experts in the field. The conference events encompassed plenary, keynote and invited talk, company exhibit, paper presentation and poster session.

Dr Umesh Banakar, Professor & Consultant: Trends in Global Drug Discovery IPRs. Dr Ali Asghar, Prof, Dubai College of Pharmacy, Dubai: Nanoformulations: Commercialized products & Success Stories. Dr Martin Hegner, Principal Investigator, Nano Biophysics, University of Dublin: Adaptive nano biosensors and nanobiomaterials: Trends. Dr Dinesh Jaiswal, Consultant, Pharma Technology, IPR; Pharma Technology Trends, Dr Raja Johnson , Principal Investigator, Stem Cell Regenerative medicines: Cardiac Stem Cell regenerative Therapies: Trends, Dr Prasanna Krishnamurthi, Associate Professor, Biomed Engr, University of Alabama: Cardiac Regenerative Therapies were keynote speakers of the conference.



Glimpses of ICONICA 2020 conferences held at Chitkara College of Pharmacy, Chitkara University, and Punjab

6th Annual International Conference On**“Pharmacy Practice Clinical Research And Pharmacovigilance Trends”****on****November 8th and 9th, 2019**

PPCRPV-2019 brought researchers, academicians and students from healthcare and Pharmaceutical sciences together to discuss on the identification and development of appropriate biomarkers in diagnosis, monitoring and prognosis of various diseases and to enlighten Quality Education, Industry innovation and infrastructure. Pharmacovigilance, defined by the World Health Organisation as ‘the science and activities relating to the detection, assessment, understanding and prevention of adverse effects or any other drug related problems’, plays a key role in defining the safety of modern healthcare practice. Pharmaceutical companies and regulators have access to a variety of post-marketing surveillance tools that allow for systematic monitoring of the benefits and risks of medicinal products throughout the life-cycle. With the same aim, Chitkara College of Pharmacy, Chitkara University, Punjab organized the international conference on **“6th annual international conference on “pharmacy practice clinical research and pharmacovigilance trends”** on November 8th and 9th, 2019 under the aegis of Chitkara Educational Trust, Chandigarh. This conference was a meeting place for leaders in the field to discuss the issues and challenges scientists and researchers face in all aspects of the Pharmacy Practice, Clinical Research and Pharmacovigilance. This conference discussed the latest research outcomes and clinical advancement in the field and brings together leading medical students, pharmaceutical scientists, clinicians/doctors, pharmaceutical cardiologists, senior instrumental professionals, directors and research associates from the Pharmaceutical industry and academia to share their views on critical aspects of Pharmaceutical research. The scientific sessions included oral and poster presentations to exchange ideas and expand network with leading pharmaceutical scientists and clinicians. The conference was supported by Amulya Herbs- Panchkula, Dr Reddy’s Laboratories Ltd., Excellion Innovations, Ocius Life Sciences, Cito Healthcare, Clinsync CRO. We sincerely acknowledged the efforts of the organizing team and student volunteers for successfully organizing and coordinating the assigned activities of the conference. Dr Suresh Atilli, Director, Clinsync CRO, Hyderabad, Dr Kishore Gana (GMU, Dubai), Dr. kamal Kishore PGIMER, Chandigarh, Dr Sumit Verma (Sr Vice President, Soterius Pharmacovigilance, New Delhi), Dr Vikrant Gill, Assistant Manager, Ely Lily, Dr. Monica Gulati, Dean, Lovely Professional University, Jalandhar, Dr. Nirmal Singh,

Head, DPSDR, Punjabi University, Patiala Dr. Anil Kumar, UIPS, Panjab University, Chandigarh, Dr. G.D. Gupta, Director, ISFCP, Moga Dr. R K Goel, DPSDR, Punjabi University, Patiala. Dr. Pawan Krishan, DPSDR, Punjabi University, Patiala. Daiichi Sankyo India. Dr. Dixon Thomas, Chair, Pharmacy Practice, Gulf Medical University, UAE, Dr. Richie Soong, Professor, NUS, Cancer Science Institute of Singapore, Singapore, Dr. Pornsak Sriamornsak Asso Prof and Dean, Silpakorn University, Thailand were the eminent speakers for the event.



Glimpse of 6th annual international conference on “pharmacy practice clinical research and pharmacovigilance trends

**Certificate online Training program in Medical Writing and Pharmacovigilance - CU
TURACOZ Collaboration**

Date: 05-09-2019 – 09-09-2019

Report

Chitkara College of Pharmacy, Chitkara University in collaboration with Turacoz has successfully organized a certificate medical writing from 05-09-2019 to 09-09-2019.

Objectives: The primary objective of the certificate medical writing was to elaborate in students the various forms medical and scientific writing. The students were made understand about the ethical consideration in clinical research process and the various operations in pharmacovigilance and drug safety. Through and detailed information to the participants was provided regarding the preparation of various documents in PV industry and to enlighten about the Quality Education, Industry innovation and infrastructure, Partnerships for the Goals.

Outcomes: Total 12 students from Chitkara College of Pharmacy attended CU-Turacoz has medical writing from 05-09-2019 to 09-09-2019. Thorough understanding of the basics of clinical research process was made to the participants. The participants were told about the importance of preparation of clear and concise draft that adhere to the relevant guidelines. Various sessions on pharmacovigilance and drug safety were very informative and participants felt very enthusiastic and confident after attending those sessions. The participants were awarded with certificates on successful completion of the medical writing certificate course.





**Gimpse of Training program in Medical Writing and Pharmacovigilance - CU TURACOZ
Collaboration**

Name of the Event: 58th National Pharmacy Week (NPW)-2019**PHARMA FEST**

on

Date: 17.11.2019 to 23.11.2019

Chitkara College of Pharmacy organized 58th National Pharmacy Week on 17.11.2019 to 23.11.2019. As instructed by Indian Pharmacy Association, the theme of this year was “Pharmacist: Your Medication Counsellor” where more than 150 students participated in various competitive activities like Expression on the theme, Quiz competition, Pharma games, Poster competition on the theme.. The major focus of NPW celebration is to create awareness amongst the budding students and the health care providers about the pharmacy profession and the overall role of the pharmacist. Another objective is to encourage scientific information swap between researchers, pharmacists, students, and practitioners working across the country.

The celebration included varied range of co-curricular and technical competitions followed by prize distribution ceremony.



Lamp lightening by guest of honors during 58th National Pharmacy Week (NPW) -2019

Department of Mechanical Engineering**BAJA SAE INDIA 2020 Leg - II****06th to 08th March, 2019**

BAJA SAEINDIA is an educational pursuit for the engineering college students, an out-of-classroom-education system, where engineering students can participate as a team, giving them pragmatic exposure to real-world challenges as faced in the industry. Originally started in the USA by the SAE International as Mini BAJA SAE, today it is being organized in several countries. In India, it is being organized as BAJA SAEINDIA. An international student level competition in which teams from universities all over the country, conceptualize, design, analyse, fabricate, validate and run an all-terrain vehicle. This is evaluated through a series of Static, Dynamic and Endurance events like the design, cost evaluation, sales presentation, acceleration, manoeuvrability, sledge pull, suspension & traction and main endurance.

Over the years, BAJA has grown in numbers and has become a bigger event nationally, signifying its increasing popularity. It serves as a platform for young engineering talent to showcase their skills and acquire a real-life experience while overcoming obstacles and challenges- something that is critical for their long-term success.

In India, the BAJA SAEINDIA (Society of Automotive Engineers) began its journey in the year 2007 and was launched under the leadership of Dr. Pawan Goenka (during his tenure as SAEINDIA President) and the convenorship of Dr. K.C. Vora.

Virtual BAJA SAE INDIA is an event where student teams present their virtual design of ATV. These designs are evaluated by industry professionals and shortlisted teams are invited to participate in main BAJA SAE event with their own manufactured ATVs.

For the AY 2019-20, Virtual BAJA SAE India 2020 was held from July 12-13, 2019 and BAJA SAE India 2020 Leg-II from March 6-8, 2020.



Press meet BAJA SAE India Leg-II 2019-20



Judges meet BAJA SAE India 2020 Leg-II 2019-20



Inauguration BAJA SAE India 2020 Leg-II 2019-20



Static events BAJA SAE India leg-II 2019-20



Dynamic Events BAJA SAE India 2020 Leg-II 2019-20



Valedictory BAJA SAE India 2020 Leg-II 2019-20

Guest Lecture on “Quadcopter and its Applications”

Type of Event: Technical

Date: November 5th, 2019

Venue/Online Platform: Pierre Hall, Chitkara University, Punjab

Name of Organizing Agency with Contact Details: Department of Electronics and Communication Engineering

No. of Participants:82

Facilitators: Mr. Gurjinder Singh(gurjinder.singh@chitkarauniversity.edu.in)

Resource Person: Mr. Sunny Kumar (Chandigarh Institute of Drones)

Description of Event

Department of Electronics and Communication Engineering in association with Chandigarh Institute of Drones has organized a Guest Lecture on “Quadcopter and its Applications” on 05 November 2019. Resource Person of this lecture was Mr. Sunny Kumar from Chandigarh Institute of Drones. The students were given deep insights of unmanned aerial vehicles and also given hands-on flying experience of drones during the lecture.

Photographs of the Event:



Guest Lecture on “Quadcopter and its Applications”



Demonstration of Quadcopter



Demonstration of Quadcopter to the students



Discussion of Quadcopter with the students

Report

Expert Talk on “Relevance of Adopting various Building Technologies in Today’s World” for *B.E. – Electrical Engineering 5th Semester* on 10th – 11th July 2019 by Mr. Kalidasan, Siemens Building Technologies.



Date: - 13.07.2020

Expert Talk on “Security Control”

An expert talk on Security control was organized by CCAE on 12th-13th July, 2019 for BE 5th semester students. The very informative talk was delivered by Mr. AV Shiva, Siemens Building Technologies and Chennai where he discussed about the security solutions to protect the smart buildings. He made students aware about how various operations which plays pivotal role in enhancing the security and necessary controls on the smart buildings. The talk was then followed by the intearction sessions with the students. Students attended the session with full zeal.

Workshop cum Exhibition on Energy Efficiency in Residential Buildings

Bureau of Energy Efficiency (BEE) & Punjab Energy Development Agency (PEDA) organized a 02 days workshop on Energy Efficiency in Residential Buildings on 1st and 2nd August 2019 at Hotel Hyatt, Chandigarh. Key topics covered during this event included – (a) EcoNiwas Samhita Part 1 (b) EcoNiwas Samhita Part 2 (c) Star label for energy efficient homes.

Benefits of implementing energy efficient measures in the newly constructed as well as old residential buildings were covered and discussed in broad details supported by case studies from across India.

Mr. Sumit Kumar attended this event to gain knowledge on various key aspects related to energy efficiency implementation in Residential buildings.



Workshop on Fundamentals of Factory Automation and its use in Process Control Applications

Having gained good knowledge and exposure to the various intricacies of Factory Automation field in the academic sessions, students of B.Tech Electrical Engineering, 5th semester were engaged in a 05 days intensive and comprehensive workshop on “Fundamentals of Factory Automation and its use in Process Control Applications” conducted from 02nd September 2019 to 06th September 2019.

Practical exercises were done related to Programmable Logic Controllers, Variable Frequency Drives, Human Machine Interface, Motor Controllers covering basic topics related to hardwiring and programming methods which are used for Process Control Applications in different industries. Tests were conducted at the end of each topic to evaluate the students.

This workshop was conducted by Mr. Sumit Kumar and Mr. Pankaj Kumar Pundir.





Report

Expert Talk on “Technical Approach to Access Control System and Surveillance” for B.E. – Electrical Engineering 5th Semester by Mr. Ratikant from Siemens 20.21 Sept 2019




Date: - 14.12.2019

TECHNICAL TALK ON BASICS OF VARIABLE FREQUENCY DRIVES


Variable Frequency Drives popularly referred to as VFDs have become a prominent device for energy efficient operation of various process applications in different industry verticals including Heating, Ventilation & Air-Conditioning. To understand the basics of Variable Frequency Drives Chitkara College of Applied Engineering organized a Technical Talk in collaboration with Indian Society of Heating, Refrigerating and Air-Conditioning ISHARE Chandigarh chapter which was attended by B.Tech Electrical Engg. 5th Sem. (Batch 2017) and industrial end users. This talk covered basics of Variable Frequency Drive, its advantages, applications and concepts of energy saving in process applications including HVAC.

Students gained good knowledge on applications of VFDs in HVAC segment and how energy saving is possible depending on various factors. They also learned about basic steps in auditing a facility for generating feasibility report on selecting the best motor starting methods for different process applications.





Chandigarh Chapter




27-29 February 2020
INDIA • UNITED NATIONS • SDG 11

CHANDIGARH CHAPTER OF ISHRAE


Invites You
For
Technical Talk
ON

**Basics of Variable Frequency Drive(VFD)
and Its applications**



About the speaker:

Mr. Sumit Kumar is a B.E(Instrumental & Control), Working as a Subject Matter Expert at Chitkara University for designing and teaching various courses on topics related with the field of Factory Automation which include Programmable Logic Controllers, Variable Frequency Drives, PID Controllers etc. to Btech Engineering students. Having a versatile industrial experience of more than 12 years working in different organisations- Rockwell Automation India Pvt. Ltd. Crompton Greaves Ltd. And Fuji Electric India Pvt. Ltd.



Date	: 14 th December 2019(Saturday)
Time	: 4:30 PM – 5:30 PM
Venue	: Hotel Park Inn, Sector- 35, Chandigarh

Mr. Ajay Bansal
President
+91 9876093710

Mr. Jaspreet Singh
President Elect
+91 9915802363

Mr. Aneel Singh Duggal
Programme Facilitator
+919876611747

Date:- 24.02.2020

Workshop on “Four Wheeler training (JEEP Compass)”

The workshop was organized by CCAE on 24th -28th Feb, 2020 for faculty. Workshop was led by Mr. Rajesh Kumar, Automobile Instructor, CCAE. This workshop aims at bumper to bumper know about of JEEP compass. The whole automobile was disassembled and then reassembled again. This provided the thorough knowledge about each and every part of the car and its functionality. The main focus was given on the engine section and the electronic part of the vehicle which are the two very main aspects of the power-train section. This workshop was attended by full zeal and vigor by the faculty as they were very excited to see the actual working behind the wheel they drive in their day to day life.

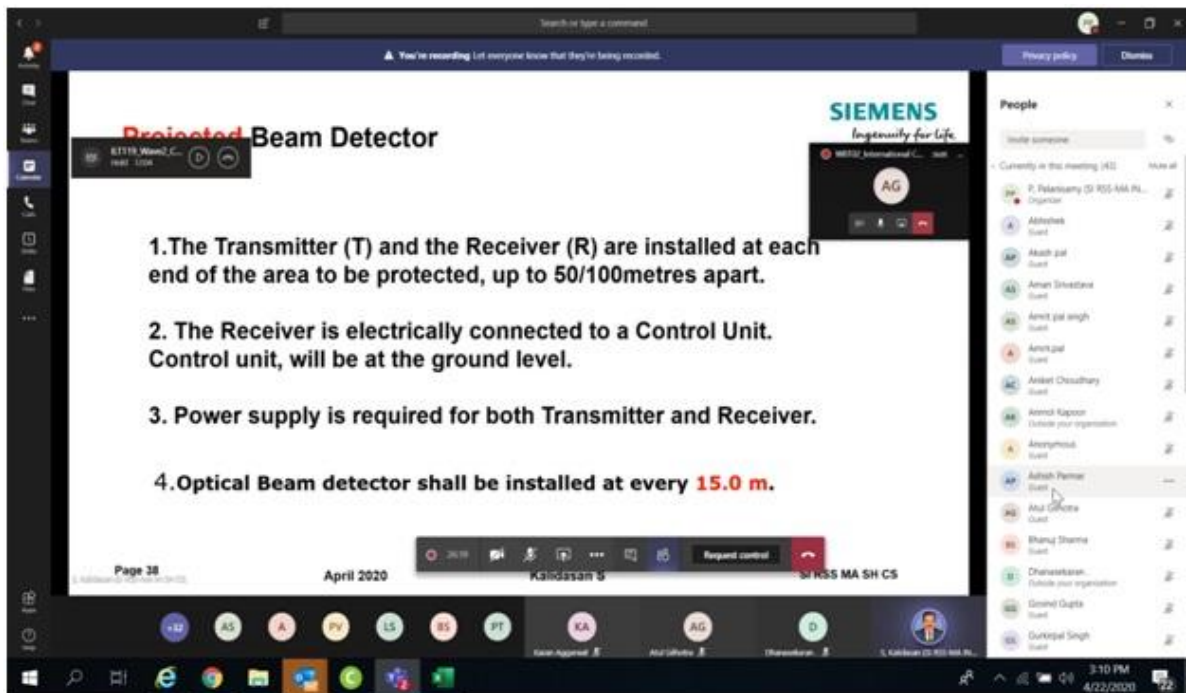






Webinar on BMS - Integration of Building Various Functions, Reports & Management (22.04.2020) S. Kalidasan from Siemens

Webinar was conducted for B.Tech students in collaboration with Siemens Building Division. The theme of webinar was to impart working knowledge of Building Management System adopted by MEP consultants in integrating HVAC, Electrical and Water systems in order to provide sustainability and increased efficiency.



Webinar on Fans for HVAC & R by Mr. Sushil K. Choudhury Managing Director Blowtech Air Devices Pvt. Ltd . (29.05.2020)

This session is scheduled in collaboration with ISHRAE Chandigarh chapter. This will help students to understand basics of Fans, types of fans, how to select fan for particular machine using Fan selection curve in an HVAC system



Distinguished Lecture on Fans for HVAC&R
29th MAY 2020
3 pm to 5 pm

Centrifugal Fan **Axial Fan**

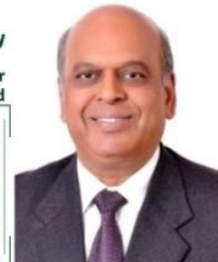
Fan Laws
 The fan operator under a predictable set of laws concerning speed, power and pressure. A change in speed (RPM) of one fan will predictably change the pressure rise and power necessary to operate it at the same RPM.

Flow (Q)	Pressure (P)	Power (W)
$Q \propto N$	$P \propto N^2$	$W \propto N^3$

Lowering the RPM by 20% will decrease the static pressure by 36% and the power consumption by 81%.
 Raising the RPM by 20% will increase the static pressure by 54% and the power consumption by 81%.

EXPERT SPEAKER

Mr. Sushil K. Choudhury
 Managing Director
 Blowtech Air Devices Pvt. Ltd



Mr. Sushil K. Choudhury is the Managing Director of Blowtech Air Devices Pvt. Ltd., a leading manufacturer of HVAC&R fans and ventilation products in India. He is a qualified engineer with over 27 years experience in the design, development and manufacture of fans. He holds a BE(Hons) degree in electrical engineering from BITS, Pilani and a master's degree in management science from the University of Toronto in Canada. Over the last 20 years he has designed a number of fans for use in ventilation and air-conditioning. He has served ISHRAE & ASHRAE both the Societies at various levels. He is Presidential Chair of ISHRAE.

What can we expect from session?
 Basics of fans, types of fans, fan curves, fan performance evaluation & efficient system operation, fans laws, fan design & selection criteria for HVAC&R.

Kindly Register Yourself First
<https://attendee.gotowebinar.com/register/7931466072619177741>
Webinar ID
286-230-915

Who should attend this session:
 -HVAC consultants
 -HVAC contractors
 -Architects/Builders
 -Utility Engineers
 -Energy Managt. consultants
 -Students of Mech. engineering
 -Student of HVAC engineering

FOR ANY QUERY, PLEASE CONTACT

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Webinar on HVAC Planning Selection execution for pharmaceutical manufacturing plant by

Mr. Rajender Sahasrabudhe

(9 June, 2020)

A webinar on HVAC Planning Selection execution for pharmaceutical manufacturing plant was organized by ISHRAE, Chandigarh Chapter. Mr. Rajender Sahasrabudhe has delivered a very knowledgeable lecture which students attended with full zeal.



CHITKARA
COLLEGE OF
APPLIED
ENGINEERING

ISHRAE INDIAN SOCIETY OF HEATING
REFRIGERATION AND
AIR CONDITIONING ENGINEERS


Chandigarh Chapter

Webinar on

HVAC PLANNING, SELECTION & EXECUTION FOR PHARMACEUTICAL MANUFACTURING PLANTS

9th JUNE 2020 FROM 4 pm to 6 pm

About the Speaker



Mr. Rajendra Sahasrabudhe

Mr. Rajendra Sahasrabudhe is the Principal Consultant & MD of Adept Consultants & Engineers, an HVAC consulting engineer firm since 1989 at Vadodara. He is graduate Mechanical Engineer from IIT Mumbai and an MBA from IIM Ahmedabad, he has total industrial experience of over 40 years. He has provided consultancy services for more than 600 small and big assignments in diverse fields such as Hotels, Hospitals, Research Centers, Pharma, Food Processing, Textile, Diamond & Jewellery units, Malls, Multiplexes, Educational Institutions, High end residential buildings, Heritage buildings, etc. His pharma clients include Alembic, Cipla, JBCPL, RPG Life, Wockhard, Alkem etc. He is a member of ASHRAE and ISHRAE.

Registration Link

<https://attendee.gotowebinar.com/register/7018962681225255184>









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Webinar on Chiller Fundamentals (13 June,2020)

A webinar on Chiller Fundamentals was conducted by Mr. Saurabh Singh possessing rich experience in HVAC industry. His webinar was focused on the processing and functioning of chiller how it makes an industrial process efficient. He told students about its multiple benefit how it provides the consistent temperature. Pressure and minimizes the cost of water consumption which can be expensive and environmentally unfriendly.



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Chandigarh Chapter

**INDIAN SOCIETY OF HEATING
REFRIGERATION AND
AIR CONDITIONING ENGINEERS**

Technical Talk on

CHILLER FUNDAMENTALS



13th JUNE 2020
4 PM TO 6 PM



Expert Speaker

Mr. Saurabh Singh Rathore is a Mechanical Engineer, having over 20 years of rich experience in the HVAC industry. Currently working as AVP- Business Development with Climaveneta Climate Technologies (Mitsubishi Electric group company). Have spent a major part of his career with European companies. His areas of expertise include chillers and heat pumps.



**Mr. Saurabh Singh
Rathore**
AVP- Business Development
Climaveneta Climate
Technologies

Registration Link
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send your suggestions at
aneeld34@gmail.com

FOLLOW US ON 

Technical Talk on HVAC - Project and Milestone Based Approach (19 June, 2020)

A technical talk was delivered by Mr. Kandasamy Anbalagan, Managing Partner Proleeb Mechanical Engineering Consultancies and organized by ISHRAE, Chandigarh Chapter on 'HVAC Project and Milestone based approach'. His lecture was focused on innovative initiatives that accelerate development of technologies. This includes those initiatives that produce near-term improvements as well as those that advance development of next generation or transformational technologies. He illustrates students how to design Building in tolerance for system misapplication, how to recognize that each building is a unique system, how to envision what retrofits look like in 2-3 decades and how demand mitigation Optimize components for alternative refrigerant systems peak.



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REFRIGERATION AND
AIR CONDITIONING ENGINEERS
Chandigarh Chapter



TECHNICAL TALK ON



HVAC - PROJECT & MILESTONE BASED APPROACH

19th JUNE 2020  **4 PM TO 6 PM**

Expert Speaker



**Mr. Kandasamy
Anbalagan**
Managing Partner
Proleeb Mechanical
Engineering Consultancies

Mr. Kandasamy Anbalagan is a Mechanical Engineer with over 35 years of experience with 25+ years in the Middle East. He is a LEED-Accredited Professional from USGBC, ISO 50001 Lead Energy Auditor. He has worked with leading industry experts like Atkins, Arabtec, and Mario Associates and was part of many prestigious projects. He had participated as a speaker and panelist in some of the prestigious conferences and events such as Building Sustainability into the Middle East 2009, The Climate Control Conference 2016, World IEQ Forum 2016. He is a member of ASHRAE and also a founder member of the Society of Indian Engineers – UAE, with which he organized and conducted several technical seminars and workshops.

For Free Registration Link

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Mr. Rajan Mittal (President-Elect)	: +918288087314
Mr. Ajay Bansal (Imm Past President)	: +919876093710
Prof. Dhanasekaran (Secretary)	: +919888987227
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Expert Talk on “Role of Refrigeration Processing and Dairy Preservation”


An expert talk on Role of Refrigeration Processing and Dairy Preservation was organized by CCAE on 26th June, 2020 for BE students. The very informative talk was delivered by Mr. R. Anish Simha. On the day of world refrigeration day he discussed the role of refrigeration in dairy industry. The talk also included applications of refrigeration in food processing and food preservation. This was very informative session for the students as maintaining the hygiene during the pandemic times was very important. The talk was then followed by the interaction sessions with the students. Students attended the session with full zeal.

ISHRAE INDIAN SOCIETY OF HEATING REFRIGERATION AND AIR CONDITIONING ENGINEERS
Chandigarh Chapter

CHITKARA COLLEGE OF APPLIED ENGINEERING

ON
WORLD REFRIGERATION DAY
Technical Talk on
ROLE OF REFRIGERATION IN MILK PROCESSING & DAIRY PRESERVATION
26th (Friday) June 2020
11 am to 12:30 pm

About the Speaker


Mr. R Anish Simha

Mr. R Anish Simha is Mechanical Engineer with 25 years of experience in Refrigeration and HVAC Industry. Currently he is Immediate Past President as AAR Senior General Manager of Business Development. He is ISHRAE HQ National Chair for Refrigeration for 2020-2021 and ISHRAE Technical Committee Chair for Refrigeration TG 101 for 2020-2021.

Free Registration Link
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740-088-155

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Department of Mechanical Engineering**Training on Reverse Engineering Tools****30th July 2019 to 25th October 2019**

An MOU was signed between Rasco Automotive Private Limited, New Delhi and Chitkara University for Internship of 10 selected students under One Year Internship Program. As part of MOU for this one-year internship program, for the first 6 months, students were trained on reverse engineering and quality checking tools at Chitkara campus under the expert training from Rasco Company. The resource persons experts in their domain regularly visited the Department and provided the hands-on practice through industrial case-studies to the students on reverse engineering tools. This training helped the students to acquire the skill in 3D scanning through dedicated 3D scanner and associated “Flexscan” software. After that students learned the refinement, editing and modelling of scanned data through “Design-X” software. Later students were trained on Quality checking tool “Geomagic Control-X” to get the experience of automated inspection and quality checking using dedicated software. Software. At the end of training, student’s expertise was examined by Rasco experts and awarded the certification to students to authenticate their skill on reverse engineering tools.

**Workshop on CV Building**



Training on 3D Scanning: Phase-1



Training on 3D Scanning: Phase-2



Training on Control-X Software: Phase-1



Training on Control-X Software: Phase-2



Training on Design-X Software Phase-1



Training on Design-X Software Phase-2



Training on Design-X Software Phase-3

India Skills Competition

Type of Event: Technical

Date: 9th and 14th Aug 2019

Venue: Electronique Design Lab, CUIET, Punjab

Name of Organizing Agency with Contact Details: Department of Electronics and Communication Engineering

No. of Participants:40

Facilitators:Mr. Pulkit Gaur

Resource Person: Mr. Amit Kumar, Assistant Professor (ECE)
(amit.pandey@chitkara.edu.in) (8054579080)

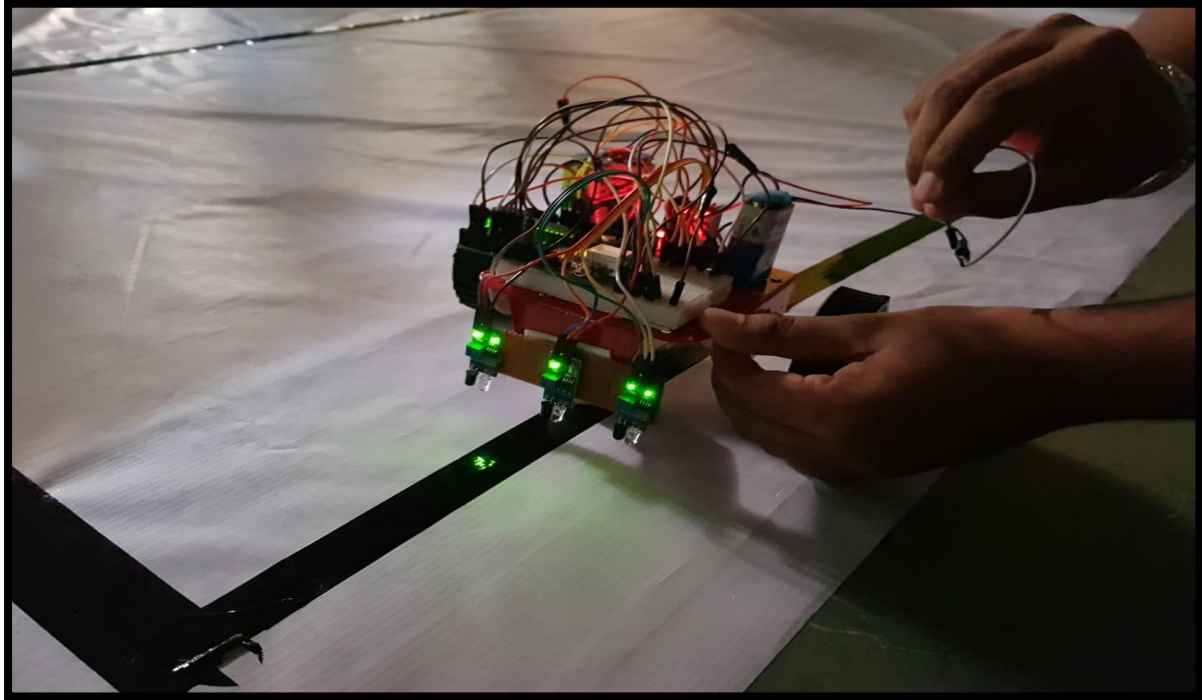
Description of Event

India Skills is a Bi-annual event organized at National level amongst 30 odd different skills. For year 2020 India skills competition, a University level selection round was organized for department of ECE for Mobile Robotics category. Over 20 teams participated in selection process and only five teams were able to qualify for the next level of participation in India Skills series.

List of Winners (If Applicable)

S.No.	Team Name	Student Name	University
1	Team Velocity	Sumit Kumar and Sonal	Chitkara University
2	Team Unics	Chailsy and Roowz	Chitkara University
3	Team Spirt	Achal and Divya	Chitkara University
4	Team Spectrum	Karanvir Singh and Rohitgoyal	Chitkara University
5	Team Techhackers	Sundaram and Aditya	Chitkara University

Photographs of the Event



Model made by Students



Participating students and their models



Group Photograph

Effective Usage of EBSCOhost Platform

Date: 19 May 2020

Resource Person:

Mr. Ritesh Kumar, IEEE, Client Services, EBSCO,

No. of participants: 75

Doctoral Research Centre, Chitkara Business School, Chitkara University has organized an online workshop on Effective Usage of EBSCOhost Platform in collaboration with Central Library Chitkara University, Punjab, India. EBSCOhost provides multidisciplinary and subject-specific databases. It is considered as one of the leading academic databases which provide access to quality journals and ebooks. Mainly, the PhD students and early-stage faculty members face the difficulties in identifying and short-listing the relevant literature for their research. This generally results in the wrong conceptualization and measurement which leads toward the poor research outputs.

This workshop aimed at providing the detailed practical knowledge about the usage of EBSCO database in terms of the placement of keywords, use of different inclusion and exclusion criteria, short-listing relevant articles, and downloading and analyzing bibliometric information. This workshop was attended by 75 participants.

CHITKARA UNIVERSITY

EBSCO
Information Services

Workshop on
Effective Usage of EBSCOhost Platform (Manage your Researches with - Business Source Elite) – An Online WebEx Training session
Organized by
Doctoral Research Centre & Central Library, Chitkara University Punjab, India

Date – Tuesday, 19th May 2020
Timings – 02:00 PM to 04:00 PM
Venue: Online WebEx

Technical Talk:
Effective Usage of EBSCOhost Platform with Business Source Elite collection

Speaker:
Ritesh Kumar,
IEEE Client Services
EBSCO Information Services

Convener:
Doctoral Research Centre,
Central Library
Chitkara University Punjab

Coordinators:
Dr. Deepika Jhamb
Mr. Jaswinder Singh

You are invited to learn more about:

- How to access the collections
- Basic and advanced search strategies
- Navigating through search results and printing/emailing/saving/exporting articles
- How to find all Videos
- How to find Company Profiles
- How to find Case Study
- Index and Thesaurus searching
- Keeping up to date using alerts
- Creating/ Managing/ sharing the personal folders.
- Questions and Feedback

Link: https://ebSCO.india.webex.com/ebSCO?infid=526_chitkara_uni-0011220p5ee57a65d45c8f8d420a26

Workshop on how to write a research paper

Date: 6-7 April 2020

Resource Person:

Dr. Pawan Kumar Chand, Associate Professor, Doctoral Research Centre, Chitkara Business School, Chitkara University

No. of participants: 27

Doctoral Research Centre, Chitkara Business School, Chitkara University has organized an online workshop on how to write a research paper in collaboration with Chitkara

University Language Centre from 6 to 7 April 2020. Indeed, writing a research paper is a difficult task. How to write scientifically and systematically all are important issues to understand for a researcher. Most of the scholars and researchers do great works during their research but when the question comes to write a paper on their research, and then they fail to do so. This is because of lack of information, understanding the procedure, process, lack of knowledge and proper guidance. The present workshop aimed at uncovering the basic structure for writing a good research paper and offer deep insights on types of Research- Quantitative, Qualitative and Mixed, the difference among concepts, variables, theories and their significance with examples, research process, and formats for Review, survey and empirical paper.

Department of Mechanical Engineering

Make Your Day with SAE

4th September, 2019

Winning is a good thing and also admirable, but understand that every time winning is not everything. Participation is also very important. An event “Make Your Day with SAE” was organized by SAEINDIA collegiate club (Mechanical Engineering Department) on 4th September, 2019. Event was organized by Mr. Harvinder Singh, Associate Professor and Mr. Vikrampreet Singh, Assistant Professor, Department of Mechanical Engineering, Chitkara University, Punjab. 174 students participated in the event and the winners were awarded.



Students participating in the first round (04-09-2019)



Students participating in the first round (4-9-2019)



Students participating in the second round (a fun activity) (4-9-2019)

Department of Mechanical Engineering**Tech Zephyr****10th October, 2019**

Words to live by: Productivity is never an accident. It is always the result of a commitment to excellence, intelligent planning, and focused effort in the inspiring words of , Dr. Anoop Kumar Singh, Dean of mechanical engineering department, Chitkara University, Punjab.

An event TECH ZEPHYR was held on 10th Oct 2019.

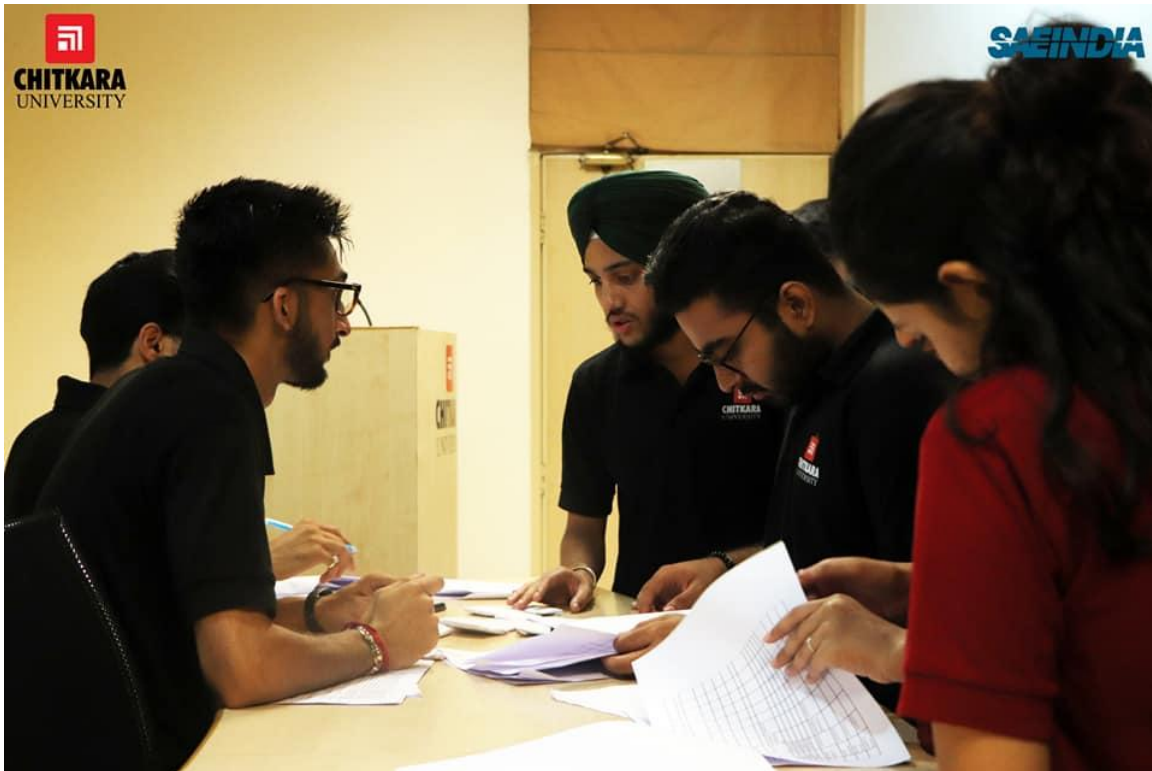
Round 1: Brain drain

Round 2: Buzz Em up

Round 3: Extempore

Round 4: Recall to win

Student participated with full enthusiasm and made the event memorable. Event was organized by Mr. Harvinder Singh, Associate Professor, Chitkara University, Punjab.



Registration process for the students (10-10-2019)



SAE Executives addressing the participating students (10-10-2019)



Dean, DME addressing the participating students (10-10-2019)

Event Details	
Name of the Department:	Chitkara Business School
Title of the Event:	Opportunities in Finance and Financial Markets
Date of the Event:	21 st Nov,2019
No. of Student Attended/ Benefited:	66
Resource Persons:	Mr Rajinder Rawat
Venue	Warren Buffet Hall

A session on Opportunities in Finance and Financial Markets– The session expert talked about various investment techniques that can be used in industry. Some of the topics discussed by the speaker were as follows:

- a) Investment banking career overview
- b) Personality in Investment Banking
- c) Interview Preparation and Entry point
- d) Financial modelling skills
- e) Investment Banking compensation

Session outcome: This session was beneficial for students to learn about investment banking and financial modelling skills. They could also learn about the key drivers of economic growth and development. The session highlighted upon the technological progress as the tool to attain lasting solutions too both economic and environmental challenges and promote energy efficiency. They learnt about how to prepare for the interviews. They got knowledge about investment banking compensations.



MBA students while attending session on Opportunities in Finance and Financial Markets by Mr Ravinder which was beneficial for students to learn about investment banking and financial modelling skills

Event Details	
Name of the Department:	Chitkara Business School
Title of the Event:	Scope of HR across different sectors
Date of the Event:	19 th Sept, 2019
No. of Student Enrolled:	66
No. of Student Attended/ Benefited:	56
Resource Persons:	Mr Manav Prasad-Telisca
Venue	LH5

Session on Scope of HR across different Industry sectors-The students were provided with the best knowledge on HR dimensions. The speaker talked about where should you start looking? Technology, construction and property, sales and marketing, finance and accounting, the third sector with charities and other non-profit organizations and start-ups all need an HR function but have very different recruiting and employee management challenges. The speaker focused on building resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation. It was a very interactive session and the students had good participation.

Session outcome: This session provide knowledge to students about the role of human resource in all different kind of industry sectors. Students learnt about the different recruiting and employee management challenges in different industry sectors.

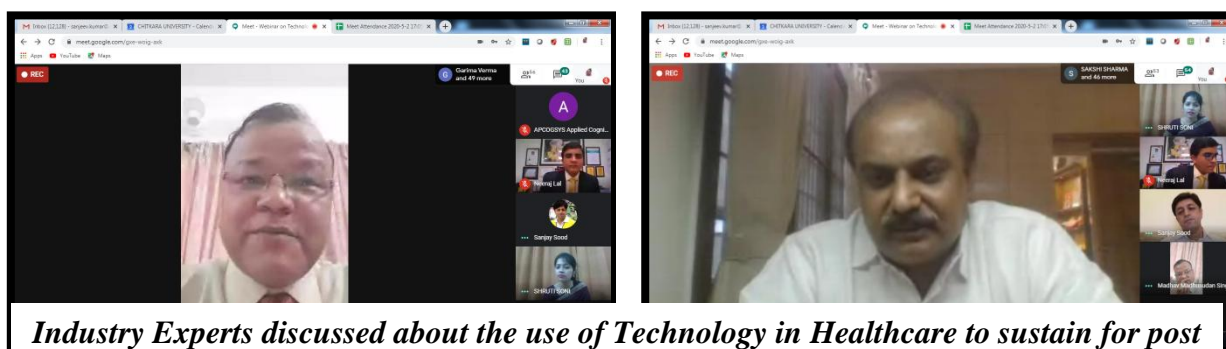


During session on scope of HR across different Industry sectors and the students were provided with the best knowledge on HR dimensions

Event Details	
Name of the Department	Chitkara Business School
Title of the Event:	"Technology in Healthcare: Let's Leverage and Sustain for post-Covid era"
Date of the Event:	02 nd May, 2020
No. of Student Attended/ Benefited:	56
Resource Persons:	Dr. Sanjay Sood, Group Director at C-DAC Mohali Dr. M.M. Singh, Healthcare Leader & National Policymaker, Joint Director Medical Services at Govt. of India Dr. P.S.Ram Kumar, Co-founder and CEO, APCOGSYS Mr. Neeraj Lal, Cluster Head-Bangalore and Karnataka Operations, Rainbow Children's Hospitals, Bengaluru
Venue	Online

Purpose of the Activity:

A panel discussion with stalwarts in Health IT was conducted to acquaint the students of the power of technology in improving health outcomes. Use of Telemedicine, AI and Robotics were discussed. Future applications of Health IT in hospitals were also talked about. Discussion on the most current avenue of Health IT was aimed to groom our students to be 'industry ready'. The speakers mentioned that a functional and resilient infrastructure is the foundation of every successful community in order to handle the future challenges prevailing in the industry.



Industry Experts discussed about the use of Technology in Healthcare to sustain for post Covid era.

Event Details	
Name of the Department:	Chitkara Business School
Title of the Event:	Future Prospects in Certified Management Accountants (CMA)
Date of the Event:	11 th December, 2019
No. of Student Attended/ Benefited:	29
Resource Persons:	Mr. Vikas Khosla
Venue:	LH2

Certified Management Accountants is a certificate programme designed to train students for working in different industries and corporate function. It helped the students to learn all about corporate governance and other important business aspects, finance, and accounting concepts, including responsible accounting.

Purpose of the Activity:/Perceived Outcomes:

- Students were taught to understand corporate governance and concepts like responsibility accounting.
- This knowledge let them stand in a unique position between the finance side and management side of a business.
- They were informed that as CMAs make informed business decisions with finances in mind, many of them can take a consulting role for their clients.



*B. Com students attending lecture of Certified Management Accountants (CMA) and Expert-
Mr. Vikas Khosla addressing the students*

Event Details	
Name of the Department:	Chitkara Business School
Title of the Event:	Future Prospects in Digital and Social Media Marketing
Date of the Event:	17 th -18 th Sept , 2019
No. of Student Attended/ Benefited:	70
Resource Persons:	Mr Ajay Aggarwal
Venue:	LH4

Digital marketing is an umbrella term that encompasses all types of marketing activities that a brand performs digitally, both online and offline, to promote their services or products. Social media marketing is the process of promoting a product or service through various social media channels.

Perceived Outcomes of the session

- It helped the students does not restrict you to one specific job profile. Even leading companies such as Google, Twitter, and Facebook provide a wide array of job opportunities.
- The students were enabled to do blogging and concentrate on building a bigger fan base.
- It taught students the best way to use their words, the tone of communication to be applied, and delivery of messages in a powerful way.



BBA students while attending sessions on Future Prospects in Digital and Social Media Marketing by Mr Ajay Aggarwal and the students were enabled to do blogging and concentrate on building a bigger fan base

Event Details	
Name of the Department:	Chitkara Business School
Title of the Event:	Future Prospects in Ernst & Young
Date of the Event:	5 th February, 2020
No. of Student Attended/ Benefited:	70
Resource Persons:	CA Amit Chawla
Venue:	LH5

At BBA and B.COM Department, the third year of the degree program is oriented towards understanding of the special subjects of choice with the training sessions. The EY training is all about practical scenarios applicable in real business life and entails financial statement analysis, financial modelling and valuation. Students experienced how the innovation in industry can help in economic growth.

Purpose of the Activity:/Perceived Outcomes:

- Students learnt how to do accurate and efficient analysis of historical data and appropriate projection of financial performance.
- Students learnt how to take business decisions based on facts and data
- Students learnt to develop acumen to save cost and time across business operation.



*BBA and B. Com students attending lecture on Future prospects in Ernst & Young:
Certification in Business Processes conducted by CA Amit Chawla*

Event Details	
Name of the Department:	Chitkara Business School
Title of the Event:	Panel Discussion on Future Career Prospects
Date of the Event:	14 th Nov., 2019
No. of Student Attended/ Benefited:	578
Resource Persons:	Mr. Ajay Aggarwal; Dr. Devesh; Rohan Chopra; Renjith Verma; Mr. Gaurav Pal and Sanish Mathews.
Venue:	Exploretorium

The focus of discussion was career prospects and opportunities offered by your specialised domain in the related industries. The objective is to sensitise the students about inputs given during the course, job opportunities in Financial Industry after three years and the necessity to prepare for the same. The speaker began by introducing the essential facts of the different industries.

Purpose of the Activity/Perceived Outcomes:

- It was an engaging discussion where students asked different questions about financial sector prospects.
- He also got various insights related to the clearing of different stages of banking inspections and different methods for interviews.
- The session included a number of student questions pertaining to their future career, banking work profiles and an investment professional's scope. Throughout the session, students were encouraged and curious.



BBA and B.Com students attending panel discussion on future prospects with the objective to sensitise the students about inputs given during the course, job opportunities in Financial Industry after three years and the necessity to prepare for the same

Event Details	
Name of the Department:	Chitkara Business School
Title of the Event:	Expert session on Supply Chain Management
Date of the Event:	5 th September, 2019
No. of Student Attended/ Benefited:	66
Resource Persons:	Mr. Surjit Kainth
Venue:	Pulitzer Hall

With the continued growth of internet retailing, there's an increasing need for logistics and supply chain experts. In any industry goods need to be procured, stored and dispatched. Efficient and effective management of all these business functions is critical in the current business world. Therefore, Expert talk was organised for the BBA students to make them aware about the innovation in industry and future prospects in logistics. The senior officials from Safe educate (CLEX) guided around 66 students of BBA.

Perceived outcome of the session:

- Improved employee productivity
- Improved knowledge sharing efforts
- Improved Job Skills



Expert talk was organized by Mr Surjit for the BBA students to make them aware about the future prospects in logistics

Chitkara College of Education

Learner's Perspective – A Narrative from an artist extraordinaire

Date: 15.07.2020



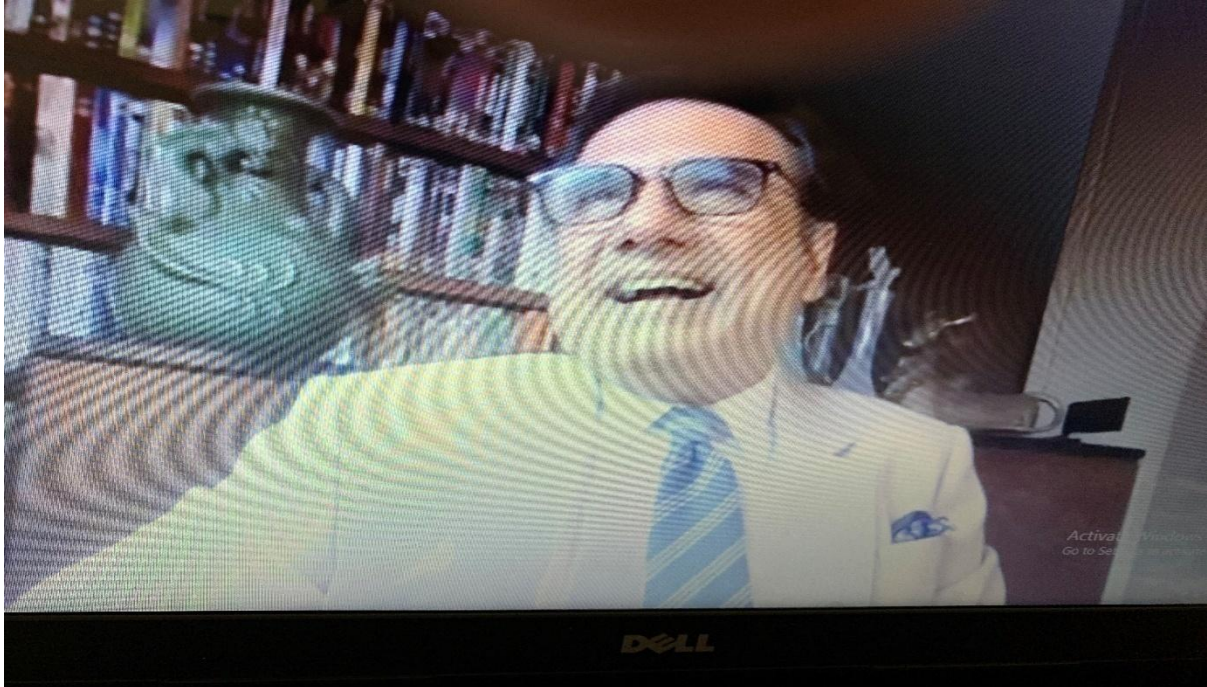
Chitkara College of Education in collaboration with Chitkara International School organised an incredible session with none other than Mr Boman Irani who is not only a celebrated actor in Bollywood but also a photographer, voice artist and the most important a teacher too. The webinar was hosted by The Principal, Chitkara International School, Dr. Niyati Chitkara.



She commenced the webinar by talking about the present scenario of education in this pandemic. She then introduced the guest of the hour Mr Boman Irani, mentioning about his multiple professions and his achievements made till date.

Mr Boman Irani very accurately talked about the impact of a teacher in student's life. He talked about his personal experience of having a speech defect and being underconfident due to that. He

spoke about the role played by art in his life. He gave a very crucial message that the child should be appreciated for what he is good at. He also talked about the social stigma related to the learning disabilities. He said “It’s completely ok to not be ok and its ok to have a learning disability”. He also made an lovely comment that the confidence comes from self worth.



Then he was asked certain questions by the attendees which were asked by Dr. Niyati Chitkara on how he prepares for his classes and his take on the present education scenario to which he replied wonderfully by saying “one learns when he is out of his comfort zone.”

The webinar ended on a wonderful note. Dr Niyati thanked Mr Boman for his special time and him sharing his insights on the learning disabilities and the learner’s perspective. Total 40 students and 4 faculty members had attended the webinar.

Unity User Group Meetup

Date: 14th September 2019

Resource Person: Mr. Narendra Chaudhary

Organized by: Department of Gaming & Interactive Design

Number of Participants: 45 **Course Highlights:** Unity Meetup was conducted first time in Chandigarh. This is the meetup where the fellow developers from Gaming and ARVR Industry interacted with each other and shared their experiences on the projects that they worked. Also the spoke about the Unity Engine and how it helped the Developers in setting up their career.

Event Poster:



Chitkara College of Education

Classroom Management Style

Date: 11.9.2019

Better teaching through better classroom management: To keep the teachers abreast with the latest strategies to manage the 21-century classroom environment effectively, Chitkara College of Education organized a 'Classroom Management' workshop, for its students, with an aim to teach them how to create positive #classroom environment. Expert - Mr. Shanti Swaroop, Founder Director, L'avenir Education; gave the future educators tools and tactics for facilitating learning by effectively managing a classroom. Total 41 students and 4 faculty members had attended the webinar. Total 58 students and 8 faculty members had attended the webinar.



Skills required in Advertising & PR Profession

Date: 16 November 2019

Classes: BAJMC II & III and MAJMC-I

About Speaker: Mr. Lalit Sharma, CEO Mantrin Advertising Agency. He is Integrated Marketing & Communication Specialist, Brand Consultant, Expert Media Planner, Digital Marketer, Graphic Designer/visualize, and Public Speaker. He is also Director at Consortium is a consulting firm that offers Business Consulting, Training and Franchise Consulting.

Mr. Lalit Sharma, CEO Mantrin Advertising Agency, Chandigarh interacted with media students on Press Day and shared his two decade's experience in the field .

Mr Sharma highlighted the importance of regular tracking of media, language proficiency and understanding of communication as an art. He said that meeting and interacting with people, taking this field as passion, learning - unlearning and again learning must go on so that one may update himself with the passage of time. Highlighting the nuances of the profession, he said that to be creative one has to stop being rational and within limits. He apprised the students that when you start living the profession, learn the tricks of the profession rather than following classroom rules.

Also he educated the students to be focused on their strength and know their strength and weakness. If one is clear about the stream they want to pursue, it makes things easier for the employers and the employee as well. Be communicative and always have zeal to learn.

MAJMC and BAJMC students who have done the basics of advertising and public relations and some are doing specialization in this discipline learnt the nuances of professional skills required in the field.



Collage of Lalit Sharma showcasing his address and interaction with the CSMC students

Challenges in Reporting Field

Date: 1 February 2020

Classes: All Batches

About Speaker: Mr. Manoj Agrawal, Former Regional Editor with Hindi daily Dainik Bhaskar from Chhattisgarh. He has been working in the field of journalism from 1979.

‘No profession is like journalism which connects you with society and its development ‘

- Manoj Agrawal

Mr Manoj Agrawal (former Regional Editor with Hindi daily Dainik Bhaskar from Chhattisgarh) today interacted with media students and shared his reporting experience and said that making good source, keeping oneself grounded and objective is the key of this profession. He said that command over language and news sense is essential and one can only dig out different stories if he is vigilant.

Mr Aggarwal shared his experience while covering sensitive areas and said that we must give equal respect and weightage to all sections of society. Giving examples from his experience in job, he shared that one should not be hesitant about his language rather he should have a control over his language. Know your language, public, and news well so that you can reach out to the public well.

He educated the students to read not just one but 2 or 3 newspaper daily so as to make the difference among the news covered and be well awaked about what is happening in the society. As a journalist, you should have a nose for news and should rely on covering the facts from the spot and not over phone or online.

Mr Aggrawal has served in MP and Chhattisgarh and nowadays runs news web portal too. Mr Aggrawal wished that students should focus on field work apart from the theories being taught in media academics and should stick to facts and use social media with precautions.



Mr. Manoj Interacting with the students of CSMC



Group photograph of Manoj Aggrawal with faculty and students of CSMC



Manoj Aggrawal while interacting with the students

Role and Responsibilities of a RJ and Music Composer

Date: 26 February 2020

Classes: BAJMC 1, 2 year and MAJMC 1

About Speaker: Ms. Prachi Doda (BAJMC 2017 pass out) is RJ in RedFM Chandigarh and does afternoon show. She joined Red FM as Prime Time Show Asst. Producer and OB Jock in November 2017. She has also worked with Day and Night News Channel as an Intern in digital and online website handling in 2015. Prachi has also worked with 92.7 Big FM as an Intern in 2017 during her BAJMC last semester compulsory internship time.

Pushakar Chawla(BAJMC 2017 pass out), Music Composer, Red FM.

RJ - Ms Prachi and Music Scheduler Mr Pushkar Chawla (both from Red FM, Chandigarh and alumni of the School) came on this occasion and shared their experience in radio. They said that the connect with audience is very important and the listeners like so much to the presenters of radio that they keep on calling, messaging and give feedback about the shows . Students from BAJMC 1, 2 year and MAJMC 1 year interacted with them and asked their concerns about radio industry, scripting, delivery of content, importance of music and playing it with the mood and timing of listeners.

Various events including quiz on Radio, photography competition on radio and also one minute extempore speech were organised in Pulitzer hall. Around 100 students participated in these events. In radio quiz, Geeta Thakur stood first, Shivam Bajaj got second position and Simran Chaudhary got third prize. In photography competition, Tajinder Singh's picture got first prize where as Garima Sharma stood second and Khushi Sethi got third prize. Sejal and Sonal were judged as best radio presenter in one minute speech, Aashna Minocha got second position and Diya Arora bagged third prize in extempore. Mr Pankaj Garg wished the radio fraternity on this occasion and said that the industry will grow further . Ms Rupinder and Mr Ranjit Singh Chopra said that the sound waves create mind picture among audience and radio is instant and powerful medium with long history and tradition and it will keep its popularity in near future.



Prachi and Pushkar addressing the students on the World Radio Day



Group photograph of faculty, students along with the guest after the session

Digital Journalism

Date: 26 February 2020

Classes: BAJMC 1, 2 and MAJMC-1

About Speaker: Mr Arjun Samar Mahendran, Director of Newshound. Having learnt from and worked with leading mainstream print and broadcast spaces including The Hindu, NDTV, NewsX, Republic TV and Times Now, 28-year-old Arjun Samar Mahendran has successfully traversed multiple departments and mustered significant editorial, production and creative insight. Newshound India Foundation, a not-for-profit organisation incorporated in November 2019, is India's first and only non-profit news organisation facilitating student journalists through round-the-year paid, remote internships for student journalists, producers and content creators alike. Our team comprises people who have, in the past, been associated closely with organisations like The Hindu, NDTV, NewsX, Republic TV, Times Now, News9, Deccan Herald and Christ University.

Newshound India Foundation organized a workshop on Student journalism. Mr Arjun Samar Mahendran, Director of Newshound conducted a workshop with BAJMC 1, 2 and MAJMC-1 year students and shared his experience in media. He said that the student of media must go to the field from day one and do stories with facts and research so that the credibility must be there which appeals to the audience. Mr Arjun gave students a platform of Newshound where they may share their stories and may create their portfolio of work and also earn. He said that this student journalist concept may give young talent a platform where they may do stories working individually of their own. The students showed enthusiasm and came forward and enrolled themselves for the platform.



Mr. Arjun addressing the students of CSMC





Mr. Arjun interacting with students of CSMC on Digital Journalism

Chitkara College of Education

Collaborative Learning

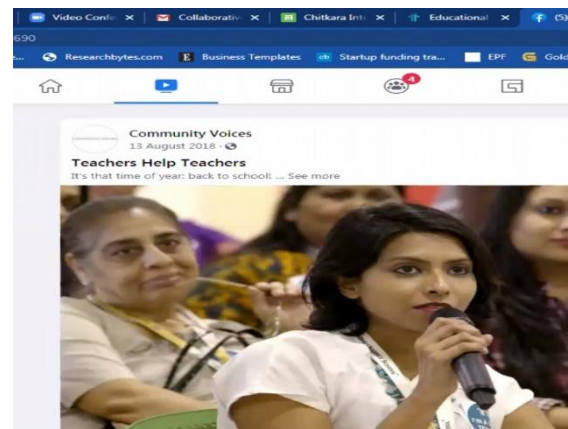
Date: 25th August 2020


The poster features a portrait of Rakhee Chhabria on the left. To the right is the Chitkara University College of Education logo, which consists of a red square with a white geometric design. Below the logo, the text reads 'CHITKARA UNIVERSITY COLLEGE OF EDUCATION'. The main title 'Virtual Session on COLLABORATIVE LEARNING' is centered, with 'COLLABORATIVE LEARNING' in a larger, bold font. To the right of the title are several interlocking gears in shades of blue and black. At the bottom left, the name 'RAKHEE CHHABRIA' is written in bold, followed by 'FOUNDER, TEACHERSHELPTEACHERS' and the date and time '25th August 2020 | 4:00 pm to 5:00 pm'.

Chitkara College of Education organised a very informative virtual session on “Collaborative Learning”. The session was presented by Dr. Parul Sood. Session expert was Rakhee Chhabria, founder of ‘Teacher helps Teachers’. Rakhee Chhabria’s journey started from a Kindergarten teacher to an Early Intervention specialist. This journey led her to embark on the path of Entrepreneurship with the vision to Empower Educators and increase their productivity in classrooms. She also started her own content development company known as Sai Eduserve. Sai Eduserve developed content for various preschools and trained educators in teaching methodologies that was meant to make teaching an enjoyable experience. Agenda of this session was to explore how teachers can create and are creating wonders by collaborating with one another. Ms. Rakhee started the session by sharing her journey as an educator. Then she talked about online platform Teacher helps teacher which helps educators to share and learn and support other fellow educators, thus bringing together the teaching community and helping to come up with solutions to problems in education. Afterwards, she talked about the importance of broadening of mindset and the ways in which we can expand our mindset before collaborating with others. Some of the techniques to grow mindset are breathing and centring, mind expansion and creating thought clouds. Then Ms. Rakhee shared a small video through which we learnt that collaboration gets stuck when we believe our idea is not getting anywhere. We cannot accommodate another viewpoint because we are locked in our own thoughts. We get so accustomed to our ways that we fail to see the bright and new. Therefore, we can empower collaboration by changing our mindset. A changed mindset can alter the way we view others, ourselves and a situation as working with people who have different perspectives or areas of

expertise can result in better ideas and outcomes. Collaboration requires one to move from self-consciousness to collective consciousness. At the end of the session, there was a question answer round where the audience asked questions about collaborative learning. Dr. Parul Sood also shared her views about collaborative learning and talked about Content and language Integrated Learning (CLIL) which is an approach for learning content through an additional language (foreign or second) thus, teaching both the subject and the language. Ms. Rakhee also gave insight about how does 'Teachers help Teachers' promote action research among its members. Overall, it was an insightful session through which we learnt about collaboration and teamwork which are one of the most powerful skills to hone which, in turn, leads to development of higher order thinking, creativity and self-confidence. Total 37 students and 6 faculty members had attended the webinar. The session ended with a quote by Steve jobs-

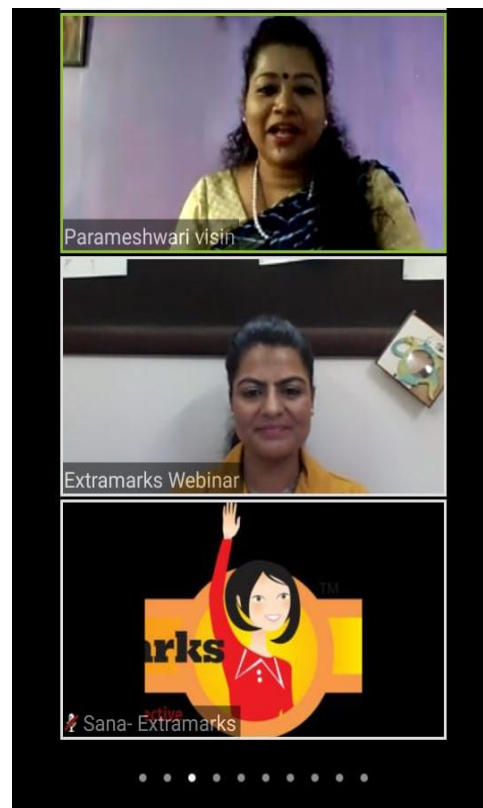
"Great things in business are never done by one person; they're done by a team of people."

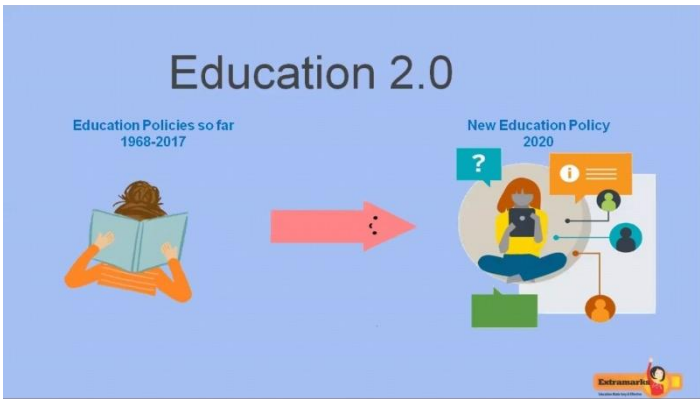
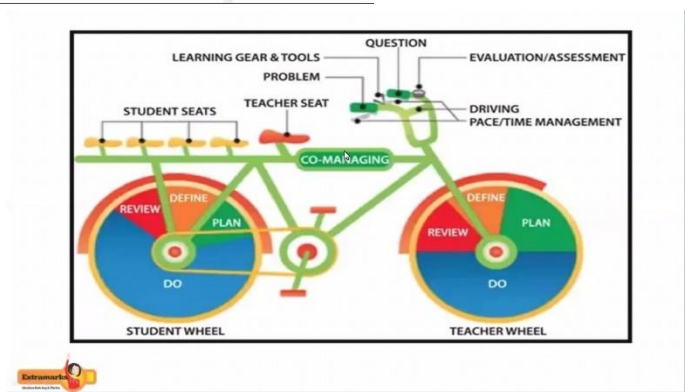
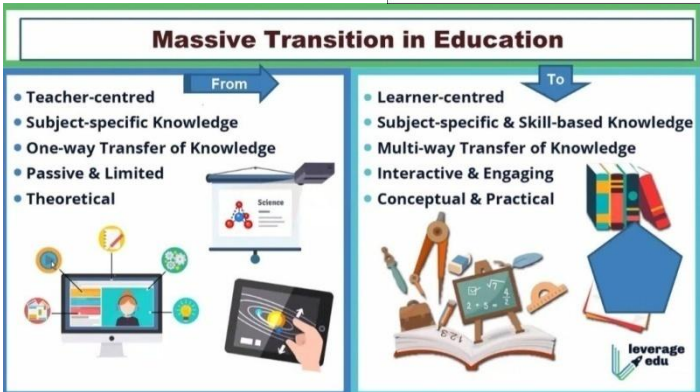
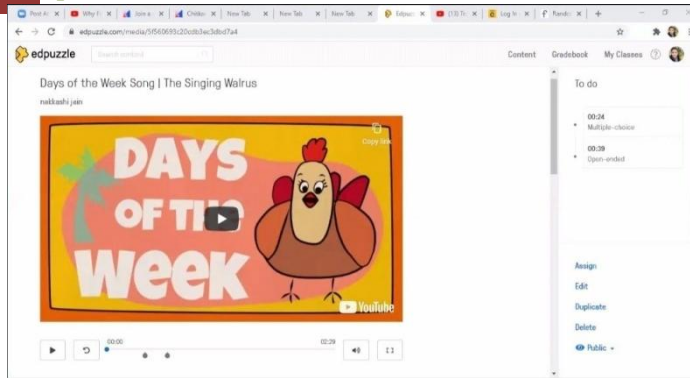


Chitkara College of Education**Mentoring in 21st Century-Effective Classroom Teaching and Strategies for handling students****Date: 7th September 2020**

Extramarks conducted an online training workshop for the Alpha Teachers of Chitkara University on Pedagogical Teaching. The workshop designed provided useful takeaways on Mentoring in 21st Century-Effective Classroom Teaching and Strategies for handling students. The session was hosted by Ms V. Parameshwari, a Manager, Content Developer, Sr. Counsellor and Trainer and Ms. Nakkashi Jain, an excellent Counsellor, a Career Coach and Motivation Speaker. At the onset of the session, Ms. Parameshwari introduced the participants to Miss Supriti Dubey. Miss Supriti is a counsellor, dean of student welfare, professor, trainer at Extramarks. Ms. Parameshwari then read a quote to honour the teachers on Teacher's Day and asked us to write a quote for teachers on sticky notes and show it online. She asked us to introspect on what kind of mindset do we possess, whether a Problem mindset, Fixed Mindset, Growth Mindset, Innovation Mindset. She went on to talk of the paradigm shift which the education sector has witnessed over the years. The education system has evolved from a teacher-centered approach, from fixed classroom to 21st Century Classroom. She showed a picture of silos and compared it to the silo effect in the classroom setting (students+ curriculum+ teacher= realized goal). The Breaking down of information is as follows: Mentorship+ 21st Century Skills+ Technical Learning+ Deeper learning. The 21st Century skills include: communication, creative thinking, collaborative learning and critical thinking. About mentoring, she shared that it is a learning partnership and that giving direction, advice, motivation, support, training leads to one reaching his /her potential, goal and success. Then she shared the 10 things that learners pay attention to, i.e., visuals, comparisons, contrast, questions, list, stories, brevity, emotions, problem solving and controversy. She also touched on the New Education Policy 2020 and conducted an activity to label the parts of the teaching cycle and shared the answers with the audience. She shared the attributes of a 21st century teaching professional: learning actuators, transparency, self initiated transfers, changing roles, thoughts and abstractions and climate of assessment. She discussed about the 21st century labs, creative problem solving, collaboration, critical thinking, empathy, intercultural fluency, initiative, oral communication and resilience and shared the characteristics of the 21st century educator. She talked about the skills and learnings for the century and the core competencies which are- developing vision, cultivation of the global mindset and living agile. Strategies for effective classroom management were shared by Ms. Nakkashi Jain. She talked of shifting normalities and shared a video on the performance of Finland's Schools. She also asked the participants about what ideas would they like to replicate in their classrooms on "Mentimeter" after entering a code. She told about the 4 Cs of 21st century education. She also shared some statistics about the percentage of learning through the senses. She introduced the alpha teachers to a very interesting tool called edpuzzle. She showed as to how to embed short questions in between a video on edpuzzle and create a class and add students in the class, add assignment or quiz or Edmodo. She briefed about the Cognitive Domain of Bloom's Taxonomy and played a game called Bloomer's basket where

alpha teachers had to drop the eggs in the correct basket. Ms. Jain shared the SAARC strategy which stands for scaffolding, adequate, aligned, rigor and creativity. Then came the question round and the names were chosen by spinning a wheel with the students' names on it with the help of a tool called flippity. She also asked alpha teachers to solve a crossword puzzle with the crossword maker on TheTeachersCorner.net and showed the answers. Ms. Jain apprised about many nice ways to interact and conduct classes. The tips she gave were: Learn the names of students, if students want to ask a question, they can just give feedback on what they thought was the muddiest point in the session, that is the point which needs further clarity. She also told that a teacher can also use coloured participation cards; red-I don't agree with you, green-I agree with you because and yellow- don't know how to respond. Wall of fame (digital for works of art), chaining and virtual circles are some ways to help the students. Flippity has provisions to group students randomly in groups to avoid bias. Ms. Parameshwari then briefed about the third point of the discussion which was strategies for handling students. She introduced to the various types of students and the need for differentiated instructions for each type. She showed a cartoon strip to show the gravity. Statistics related to learners' problems and insights on their characteristics, teaching hacks and ways to handle them were also shared. The session and ended with a beautiful quote. To conclude, it was a very engaging session wherein the alpha teachers learnt many new things which are definitely going to be helpful in their future. Total 50 students and 3 faculty members had attended the webinar.





BRAIN-PURGE!

1. Actions speaks louder than
2. पर भी मुर्गी
3. Beauty is in the eyes of.....
4. जो मर जते हैं
5. Do not judge a book
6. जिस की सारी
7. Keep your friends close, and
8. उरदा चोर
9. The grass is
10. नौ सो चूहे खाके

Chitkara College of Education

Sowing Early Seeds of Creativity- FICCI FRAMES-LEAP (Learn, Educate, Apply, Progress)

28th August 2020



Ms. Nandita Das
Actor, Film Director
GEAR Foundation



Dr M Srinivasan
Founder & Chairman,
Chitkara Schools



Dr Niyati Chitkara
Vice President
Outdoor School, Goa



Ms. Geetika Timmins
Founder-Director, Indoor

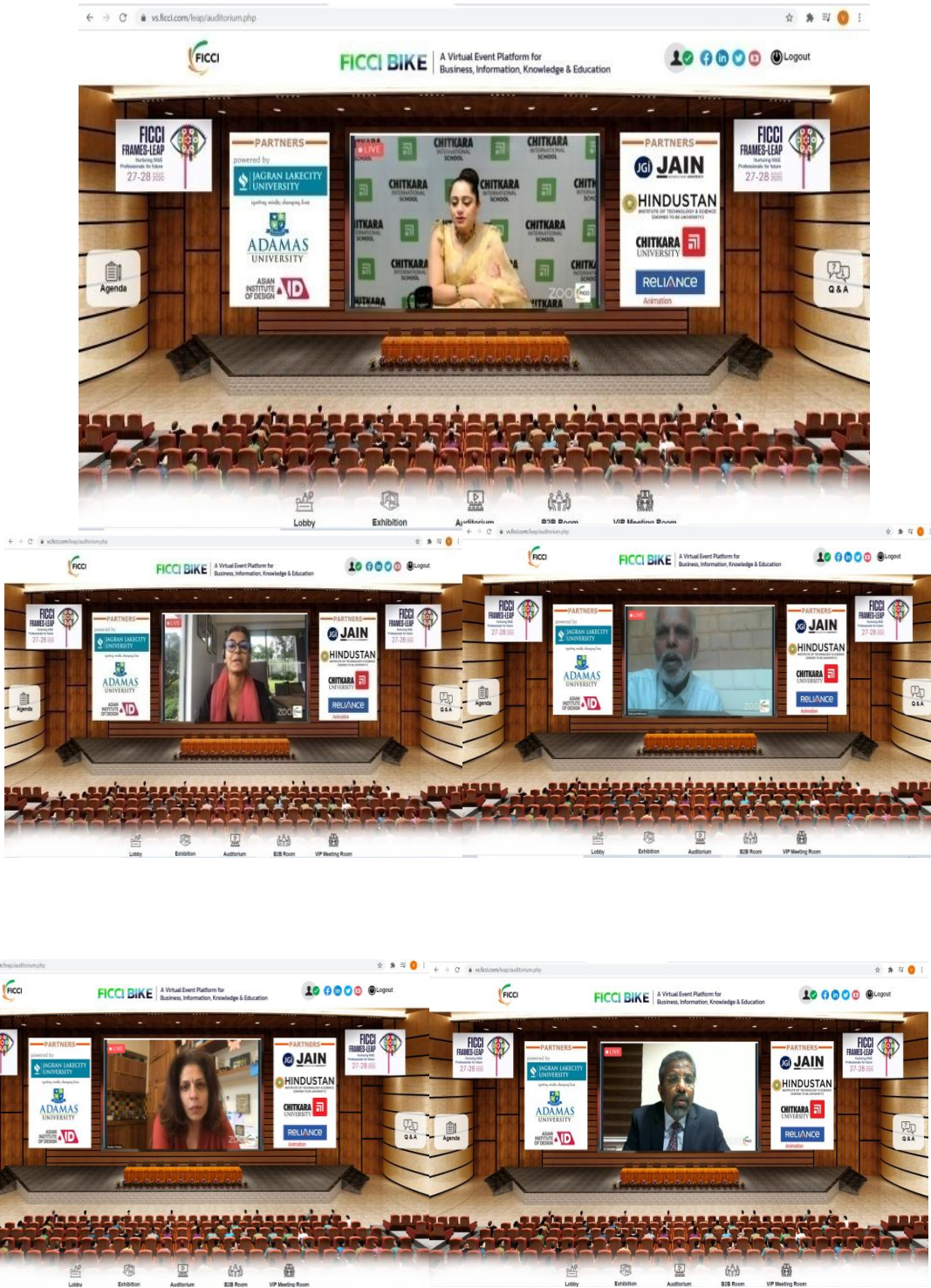
Creativity is one of the traits that is innate and can be acquired as well. It has become one of the essential skills which every industry requires in its employees in order to develop and built something unique. In order to meet the increasing demands of qualitative candidates, it is crucial to provide the comprehensive opportunities to children from young age so that with time they can hone and sharpen their skills, including creativity. To throw some more light on the importance of the development of creativity from early age, Dr. Niyati Chitkara, along with Ms. Nandita Das, Dr M Srinivasan and Ms. Geetika Timmins presented their views on **"Sowing Early Seeds of Creativity"** in the world's first & largest online conference on education and skilling in Media & Entertainment sectors organized by FICCI FRAMES-LEAP (Learn, Educate, Apply, Progress).

The session started with the moderator sharing his views about the existing education system wherein the more focus being on the completion of the syllabus. He then introduced the members of panelist for the session. Initiating the sharing of the experiences and thoughts, Ms. Das talked about her upbringing which affected her growing period a lot. A natural environment plays a great role in the early age of the child. She also shared that one should provide a holistic life to the children which in turn develops an inquiring mind, freedom to ask question with no question being stupid. When given different and significant opportunities, the learnings automatically become student-led. But creativity is not valued enough. It is the one thing at the side which a child starts when he is done with all the subjects. She also apprised the audience by discussing that we don't celebrate artists- musicians, painter, authors who are or have been full of creativity. Creativity imbibes oneself with being compassionate, empathetic, an expression that allows one to question everything. She then said thinking out of the box is the seed, there is a need to think beyond what is available, what is being told to us and not to be dumbed down when being curious. She also focused on giving children a sensory experience and not confining them with the machines that diminish the creativity.

Dr. Srinivasan shared his views on creativity by saying that that creativity starts at the age of zero. Creativity is what the school destroys when a child finishes school. He also explained the growth process of a child and the various body systems that develops with time. He shared that when a child is highly curious, we stop it by imposing restrictions because we are unable to meet its demands. Teacher needs to be the facilitator and the child a protagonist. He says that exploration is a seed of creativity. It encourages the thoughts with the help of which he can do a lot. Then he explained about the role of language. Experimentation provides thoughts and materials and it produces that cannot be predicted. He briefly discussed the levels of Bloom's Taxonomy, creativity being the highest level. He talked about various subjects' role in promoting creativity which is not being accomplished. He also talked about examination and the importance of multiple intelligence.

The next member to share the views was Dr. Niyati Chitkara. She started with asking questions as to how many schools in our country function with universities and industry, focus upon employability and instilling creativity which is measurable. She apprised the audience about her schools that the institutions are solely built after doing a thorough research. The model is based on university-K and not K-12 approach. Classes are based on themes, hallways and corridors are filled with knowledgeable and creative materials. Classes have expression boards which display the creativity of students. Today's children are more creative than teachers. To instill creativity, hybrid methodology needs to be used rather than sticking to just presentation mode. She also talked that for assessments, a variety of apps can be used. The school also incorporated the method of teaching wherein the 5th standard student teaches the 4th students as when you teach you learn the best. She then concluded by saying that firstly, creative students need to be identified, monitored rigorously and a hand-holding is required, thereby acknowledging the creativity.

Ms. Timmins shared her experience from the perspective of a parent. She said that education system has two ends, one traditional and the other progression based. A balance between the both is required so as to make a child successful, not in monetary terms but having mental peace and a state of well-being, thus possessing a holistic development. She also focused on the concept of play-way, providing sensorial experience and putting all these together not only indoor but outdoor. She discussed that today, if one has knowledge, how he uses it is crucial. What do you know? What you can do with what you know?

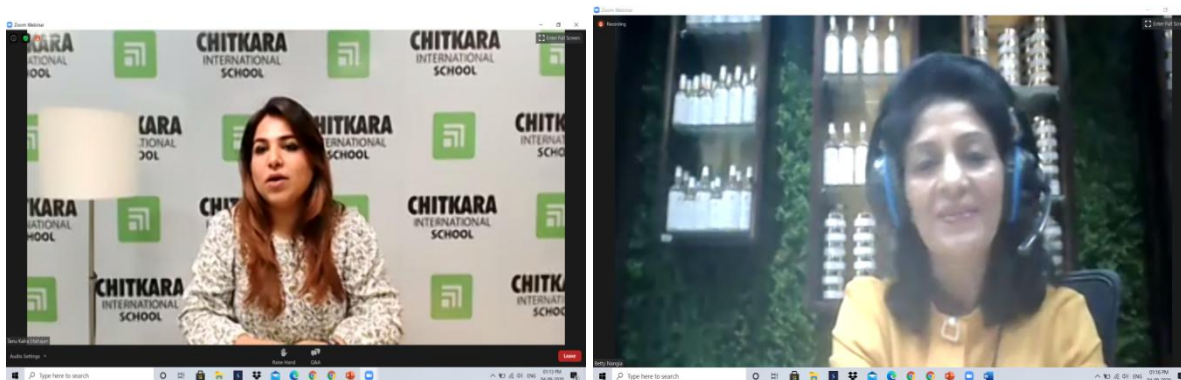


Chitkara College of Education

The Beauty Break- Getting the Real Heroes Red-Carpet Ready

4th September 2020

Chitkara College of Education in association with Chitkara International School organised a webinar on **The Beauty Break- Getting the Real Heroes Red-Carpet Ready**. The facilitator for the session was **Betty Nangia** and the moderator was Ms. Taaniya. Moderator welcomed the speaker by introducing her and sharing the glimpse of her career with the audience. The speaker apprised the audience about vitamin E and collagen and how the same can be taken by natural sources by incorporating almonds or almond oil in diet. She also stressed upon the intake of salads in the diet. Coming to hair and skin, she discussed a variety of home-made packs that one use to sooth the skin amidst acne or seasonal changes. As far as hair fall is concerned, she talked about oiling the hair so as to give the required nutrition to the scalp and hair. She explained various home-made packs one can use using papaya, banana, tomato, lemon, yogurt, etc. Also, she discussed how to keep the mental health into check. One should not take unnecessary stress related to personal or professional life. One should think positive thoughts and belief that one is health and is beautiful no matter what kind of skin colour one has. She also shared the experience of her clients in making their skin look flawless and healthy using just natural products. All in all, it was a great session where the facilitator not only focused upon the outer beauty but outer beauty as well. Total 38 students and 5 faculty members had attended the webinar.



SWIM (SIT WITH MENTOR)

Name of Event: SWIM (SIT WITH MENTOR)

Batch: 2017

Dates of Event: 13-Jan-2020

No of students attending: 25

Sponsoring Organization(s): Animation Department, CSA&D

Resource Person: Vineet Raj Kapoor

Following Career Talks were held for this batch in this semester:

1. Career Options in 3D Character Animation & VFX

A Career talk was held for the Students of BDes on 13 January 2020 about Career Options in 3D Character Animation & VFX. Mr. Vineet Raj Kapoor talked in detail about the shortage and demand for 3D Character Animators in the market in current times

2. Preparing for the placements

A Career talk was held for the Students of BDes on 13 January 2020. Students were given guidance regarding the three essential ends to land jobs/placements in reputed studios/companies – Showreel, CV/resume and Cover letter, the right attitude for interview and the job.

SESSION: CAREER OPTIONS IN 3D CHARACTER ANIMATION AND VFX

A Career talk was held for the Students of BSc and BDes on 14 January 2020 about Career Options in 3D Character Animation & VFX. Mr. Vineet Raj Kapoor talked in detail about the shortage and demand for 3D Character Animators in the market in current times.

Career Talks are the sessions designed specifically to serve the purpose of guiding students regarding the career options and scope of the semester in hand. The sessions were mostly handled by the Dean of the Department, Mr. Vineet Raj Kapoor and at the outset of each semester. The first intent of the sessions is to let the students come out with what expectations they have in mind and what is their point of view. Later the speaker compounded on the ideas to

create a very clear picture as to what the industry holds for the students after finishing the semester in discussion.

Each course ushers in many practical skills into the students. Students were curious to know the relevance of each course in the semester, which was explained in a very simple way as they are yet to learn the technicalities of each. The biggest thing to explain in these sessions is that each course and skill cannot be seen in a stereotypical way, where only one route is fixed with one course and skill. The industry is cross-multiplying. Each skill can have multiples of applications in multiples of industries in multiple ways. Finding the apt application at the right time is a challenge for every individual, whether fresher or experienced professional.

SESSION: PREPARING FOR PLACEMENTS

A Career talk was held for the Students of BDes on 13 January 2020. Students were given guidance regarding the three essential ends to land jobs/placements in reputed studios/companies – Showreel, CV/resume and Cover letter, the right attitude for interview and the job.

The purpose of this career talk was basically to connect all the learning's and works of the program literally with the industry needs and prepare concrete showreel/portfolio, relevant CV and relevant attitude to appear for the interviews.

The other compulsory part of industry preparation is the CV/Resume and cover letter. A set of guidelines were elaborated about the way an Artist should prepare his/her self marketing script. The essential structure and content was outlined to the students if they want to apply for a position of 3D artist. The mentor presented some sample resume to students and also suggest few changes to their resumes.

At the end the most important part dealt was the attitude the student must carry for the interview as well as for the first job. How important confidence, modesty, team spirit, corporate respect and time discipline is, was re-enforced. The patience pays the most for a 3D artist needs to be remembered in the first job, this is key to success. This was re-iterated.

SWIM (SIT WITH MENTOR)**Name of Event:** SWIM (SIT WITH MENTOR)**Batch:** 2018**Dates of Event:** 14-Jan-2020**No. of students Attending:** 58**Sponsoring Organization(s):** Animation Department, CSA&D**Resource Person:** Vineet Raj Kapoor

Following Career Talks were held for this batch in this semester:

1. Career Options in 3D Asset Creation

A Career talk was held for the Students of BSc and BDes on 14 January 2020 about Career Options in 3D Asset Creation. Mr. Vineet Raj Kapoor talked in detail about the growing demand of Gaming and the need for Gaming Artists especially in creating Game Worlds.

2. Career Options in 3D Character Animation & VFX

A Career talk was held for the Students of BSc and BDes on 14 January 2020 about Career Options in 3D Character Animation & VFX. Mr. Vineet Raj Kapoor talked in detail about the shortage and demand for 3D Character Animators in the market in current times

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REPORT ON EXPERT TALK

EVENT DETAILS	
Event Name	Expert Talk
Topic	Career options in Civil Engineering
Date	12/09/2019
Time	11.00 am to 12.00 pm
Organized By	Department of Civil Engineering

Career decisions play a pivotal role in shaping the future growth and development of students. In today's environment of multiple options, knowing about choices available helps children in their decision-making process. So, Civil Engineering Department had organized an expert session on "Career options in Civil Engineering" on 12/09/2019. The main aim of this session is to offer a career counselling to upcoming Civil Engineers.

The session started with inaugural function, in which the expert Dr. Ajay Goyal was felicitated with buke by Dr. Vijay Kumar Jadon and Mr. Nitesh Parmar. After the inaugural ceremony, an expert talk was held. The session aimed at making the audience aware of the multiple career options available in Civil Engineering field. He also shared information regarding leading universities and various courses available after the graduation. Dr. Ajay urged the students not to make decisions based on family expectations and peer pressure. He guided the students to identify their interests and what they are good at. He also advised them to plan multiple activities during their vacations to hone their skills. The session was informative and enriching for students. The invited Expert shared his technical knowledge and experience with the students and inspired the students with his speech. All the faculty members of Civil Engineering Department and 45 student participants attended the program and enrich their knowledge, details about attendance is mentioned below.

Table: Batch wise student's details who attended the session.

S. No.	Batch	Total number of students in a batch	Total number of students attended the session
1	2018 (3 rd sem)	23	23
2	2019 (1 st sem)	22	22

Overall, the session was technically and practically sound and the long term expected result is to make students technically sound that will help them in building the path of their carrier. Department is thankful to the University for their approval and guidance in conducting this session successfully.

Outcomes of the session:-

- The student will have acquired broad knowledge of various fields and skills necessary for employment in field of civil engineering.
- The student will be able to choose a career that matches their aptitude and personality learning to professional success and satisfaction.
- The students will be aware of various programs for higher studies.



Students during the session



Students and expert during the session

ABOUT RESOURCE PERSON:



Dr. Ajay Goyal

Dean of Academic Affairs,
Rayat Institute of Engineering & Information Technology (RIEIT),
Railmajra, Distt. S.B.S Nagar, Punjab.

Ph.D (Environmental Engineering), M.E. (Soil Mechanics & Foundation Engg.),
B.E. (Civil Engineering), Diploma (Civil Engineering).

SWIM (SIT WITH MENTOR)

Name of Event: SWIM (SIT WITH MENTOR)

Batch: 2019 | **Dates of Event:** 15-Jan-2020

No. of students attending: 96

Sponsoring Organization(s): Animation Department, CSA&D

Resource person: Vineet Raj Kapoor

Following Career Talks were held for this batch in this semester:

1. Opportunities in Graphics and Print

A Career talk was held for the Students about Opportunities in Graphics and Print. Mr. Vineet Raj Kapoor talked in detail about the regular demand for Graphic Designers. He told about the opportunities in Advertising Agencies, App Design Companies, Game Design Companies, as well as Packaging/ Digital Media/ Online Marketing Companies.

2. Opportunities in 2D and Web Animation

A Career talk was held for the Students about Opportunities for 2D and Web Animation. Mr. Vineet Raj Kapoor talked in detail about the boom in 2D Animator demand due to boom in Mobile Game Production. He encouraged the students with less drawing skills to focus on the Animation Aspect more

SESSION: OPPORTUNITIES IN GRAPHICS AND PRINT

A Career talk was held for the Students of BSc and BDes about Opportunities in Graphics and Print. Mr. Vineet Raj Kapoor talked in detail about the regular demand for Graphic Designers. He told about the opportunities in Advertising Agencies, App Design Companies, Game Design Companies, as well as Packaging/ Digital Media/ Online Marketing Companies.

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SESSION: OPPORTUNITIES FOR 2D AND WEB ANIMATION

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REPORT ON BASICS OF FINITE ELEMENT METHOD

EVENT DETAILS	
Event Name	National Level One-Week Faculty Development Program
Topic	Finite Element Methods for Beginners
Date	20/04/2020 to 25/04/2020
Organized By	Department of Civil Engineering

We at the Department of Civil Engineering conducted a National Level One-Week Faculty Development Program on Finite Element Methods for Beginners from April 20, 2020 to April 25, 2020 in association with Punjab Technical University Kapurthala. We feel grateful to inform that a total of 512 candidates registered to the course on April 19, 2020, out of them 202 attendees were successfully able to complete their course. There were 32 internal participants from Chitkara University; 87 candidates from the state Punjab; and 83 attendees across India.

One Week Online FDP/STC
on
Finite Element Method for Beginners
April 20-24, 2020
Coordinators
Mr. Nitesh Parmar
Assistant Professor, Mechanical Department
Mr. Vishal Kumar Dhiman
Assistant Professor, Civil Department

CHITKARA UNIVERSITY

Mode of Delivery : Online

About the Course
The real world problems in various fields of engineering are complex and require mathematical models using higher order partial differential equations. The exact solutions for these higher order partial differential equations are almost impossible, especially when the geometry and boundary conditions are very complex. Under these situations numerical methods have to be applied to obtain approximate solutions. Finite Element Method (FEM) is a very popular numerical method and has wide applications in various disciplines. Even though many FEM softwares are available, it is necessary that the user should have good knowledge about the basics of FEM. This short term course is planned to fulfill these objectives.

The primary purpose of this course is to enable the faculty/student with skills and proficiency in applying FEM tools for practical problems. This course is designed for beginners and will certainly expose the participants with the basics building blocks of Finite Element Methods. This course will be a proper blend of theory and practice on a very light Free FEA Software (LISA 8.0.0).

Course Content
Following is the tentative content of the course

- Steps in Finite Element Analysis.
- Development of element and system equation
- Direct method of Solution
- Bar, Beam and Truss Elements
- Selection of elements and meshing concepts
- Handling varying loads (UDL and Linearly varying load)
- 3D static stress analysis
- Steady state and Transient Heat Flow
- Fluid flow problems
- Writing computer codes for FEA.

Who Should Attend
As this FDP/STC is not subject-specific, teaching faculty/student from interdisciplinary fields of science, engineering and technology can participate.

FDP/STC Register Link:
<https://forms.gle/BxSc3t4xTT5mkVT36>

For any query regarding FDP/STC:
Nitesh Parmar - +91-9780900184
Vishal Kumar Dhiman - +91-9805048544

Organized by
Department of Civil Engineering
&
Department of Mechanical Engineering
CUIET, Chitkara University Rajpura,
Punjab - 140401



Course Outline: Full Course

1 2 3 4 5 6

Course Home/Instructions

- How to use ClassConnect LMS Play
- PDE - FEM Play
- Quiz-VT1 Report
- FEM Overview Play
- Quiz-VT2 Report
- Element and System Equations Play
- Introduction to LISA Play

Downloads

Lectures/Documents/Quizzes/Assignments

Video/Document - 100 % Green Required to unlock the Certificate



Finite Element Method for Beginners

Mode of Delivery: Online through ClassConnect LMS (<https://classconnect.in/>)

Course content and Schedule:

Module Name	Contents
Module-1	FEM Overview
Module-2	Finite Element Analysis of Bars and Trusses
Module-3	FEA of Beam and Trusses
Module-4	Introduction to Approximate Method
Module-5	Galerkin Weighted Residual Method



Course Outline: Full Course

1 2 3 4 5 6

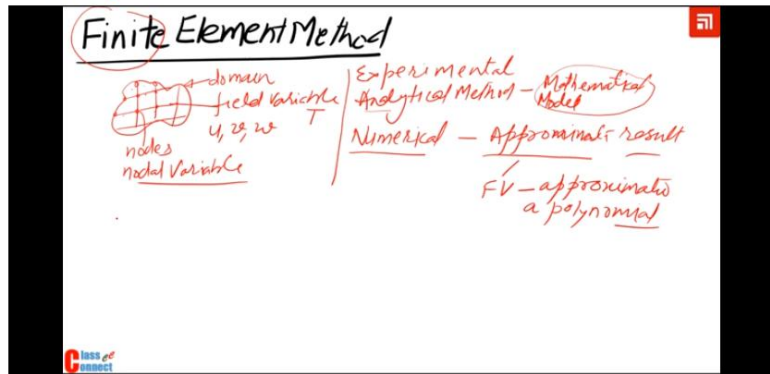
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Downloads

Lectures/Documents/Quizzes/Assignments

PDE - FEM ✓



REPORT ON INTRODUCTION TO MYANATOMY EVALUATION SYSTEM

EVENT DETAILS	
Event Name	Webinar
Topic	Introduction to MyAnatomy evaluation system
Date	11/05/2020
Time	5.00 PM
Organized By	Department of Civil Engineering

This webinar is organized by the civil department to educate all faculty members of the Mechanical, Mechatronics and Civil Engineering about the new test portal named MAPIT.



CHITKARA
UNIVERSITY

A webinar on “Introduction to MyAnatomy evaluation system”

Date: 11- May-2020

Time : 5:00 pm

Resource Person

Mr. Vishal Kumar Dhiman
Assistant Professor, Chitkara University
Rajpura, Punjab - 140401

Register online



<https://teams.microsoft.com/l/message/19:b1656ff143594b7dadfd87f4b1aa028@thread.tacv2/1590734132521?groupId=9d06f643-4550-42b0-865a-7e81c65dcdc3>

Organizer

Mr. Nitesh Parmar
Assistant Professor, Chitkara University
Rajpura, Punjab – 140401
Tel. : +91-9780900184

MA MyAnatomy

Event: **Industrial visit to Bebo Technologies, Chandigarh**
Date: **November 07, 2019**
Organized By: **Computer Society of India (CSI) Student Chapter, under the aegis of Department of Computer Applications, Chitkara University, Punjab**
Faculty Members: **Mr. Simranjit Singh and Ms. Tanisha**

Computer Society of India (CSI) Student Chapter, under the aegis of Department of Computer Applications, Chitkara University, Punjab organized an industrial visit to Bebo Technologies, Chandigarh on Nov 07, 2019. Fifty Three students from BCA-3rd , Department of Computer Applications along with faculty members Mr. Simranjit Singh and Ms. Tanisha Roy Visited Bebo campus.

Mr. Sumit Singh (Customer Relationship Officer, Bebo technologies) provided a brief introduction about the company, followed by specific projects that the company is involved. Later, he explained the skills that the company is looking for in a candidate.

The next session was the HR session delivered by HR Head Miss Charu. It was an interactive session. She stressed upon the interview aspect of the recruitment process and explained the specific points which can help to improve overall personality of the students apart from technical knowledge.

Mr. Anurag Sharma (QA Lead, Bebo Technologies) presented the technical session. He took all the queries regarding current preferred technical languages, company environment, etc. For the students it was a good experience of learning the industry culture and work process.



Expert interaction with students in Industrial visit to Bebo Technologies, Chandigarh

FDP: **Data Analysis and Business Intelligence using Power BI**
Date: **8th – 12th June, 2020**
Mode of Delivery: **Online**
Organized By: **Department of Computer Applications**
Organizer: **Dr. Deepika Chaudhary, Associate Professor, Department of Computer Applications**

The Department of Computer Applications provided an opportunity to the faculty members to maintain their regular regime of learning new technologies. With this Idea, some Faculty Development Programs of duration of 5 Days each were conducted for the benefit of teacher. Dr. Deepika Chaudhary, Associate Professor, Department of Computer Applications, organized a 5 Days FDP on Data Analysis and Business Intelligence using Power BI. Twenty Three faculty members participated in the program.

Learning Outcomes

- 1) To make the teachers familiar with the term Data Analysis.
- 2) How to extract data from multiple resources and Establish Connection with Power BI Desktop.
- 3) Developing compelling and interactive analysis reports and dashboards, Marketing analytics using advanced DAX. Integrated custom visuals based on business requirement using power BI desktop.
- 4) Converting all operational excel report into Power BI Reports.



Screen Shot of Faculty Members attending the Faculty Development Program

Brochure of the Event




Faculty Development Program

ON

DATA ANALYSIS & BUSINESS INTELLIGENCE

USING

MICROSOFT POWER BI



Dr. Deepika Chaudhary

Associate Professor

Department of Computer Applications

Chitkara University, Punjab

<p>DAY 1</p> <p><i>Introduction to Business Intelligence(BI)</i></p> <p><i>Introduction to Microsoft Power BI</i></p> <p><i>Why Microsoft Power BI?</i></p> <p><i>Descriptive Vs Predictive & Prescriptive Analysis</i></p> <p><i>Installation process of Power BI Desktop Tool</i></p> <p><i>Data visualization using Power BI.</i></p>	<p>DAY 2</p> <p><i>Data Analysis using Power BI</i></p> <p><i>Collect & Import Data</i></p> <p><i>Manually Import Data from sql, excel, web and sql server.</i></p> <p><i>Import Real Time Streaming Datasets.</i></p> <p><i>Creating Dashboards</i></p>	<p>DAY 3</p> <p><i>Query Answering using NLP</i></p> <p><i>Power BI Visuals</i></p> <p><i>Visual Bar, Line and Pie Charts</i></p> <p><i>Visual KPIs and Matrix</i></p> <p><i>Visual Slides & Visual Maps</i></p>
<p>DAY 4</p> <p><i>Power Query (Preparation, Clean and Shape Data)</i></p> <p><i>Queries using Power BI</i></p> <p><i>Append & Merge Queries</i></p> <p><i>Unpivot Columns & Split Columns</i></p> <p><i>Creating Reports</i></p> <p><i>Exporting Reports</i></p>	<p>From-</p> <p>08-Jun-2020</p> <p>To</p> <p>12-Jun-2020</p>	<p>DAY 5</p> <p><i>Creating Dashboards</i></p> <p><i>Creating & Sharing Dashboards using APP</i></p> <p><i>Modeling Basics</i></p> <p><i>Modeling Relationships</i></p> <p><i>OLTP Vs OLAP</i></p> <p><i>Star vs Snowflake Schemas</i></p>

Research and Innovation

Event Name: Research and Innovation

Venue: Faraday Hall

Date: 21.08.2019

Organized by: Department of Physiotherapy, CSHS

Symposium on “Research and Innovation”, was organised by Department of Physiotherapy, Chitkara School of Health Sciences, Chitkara University in collaboration with Synapse Physio Pvt Ltd on 12th August 2019. Dr Preethi John, Dean CSHS gave a short talk on importance and future of innovation in the healthcare industry. Dr Archana Mantri, Pro Vice Chancellor gave a talk on the facilities offered by the university in conducting research. Dr Sachin Ahuja, provided an insight about patent and the process involved in the patenting as well as the assistance offered by the university in regards to the patent. Dr Kiranjeet Kaur delivered an overview on the research methodology. Feedback of the delegates was recorded as the workshop being of great help to implement the best practice in the research and innovation. Seventy students participated in this workshop.





Research and Innovation

Functioning of Newsroom

Date: - 03-Sep-19

Classes: All Batches

About Speaker: Monika Sharma has a wide experience in the field of television journalism and has worked at TIMES NOW and Headlines Today. She has also worked as Former Show producer at India Today and Former Producer at NewsX.

Ms Monika Sharma (MJMC 2012 pass out) shared their journey of professional life after University days and the challenges and the struggles she had to face in the media field..

Ms Monika shared that how her dedication during the time of internship days in NewsX converted into job in that channel. She shared her experience of India Today TV Network as Producer and various stories of her serving time period. She also talked about her experience in Times Now and said that accuracy, language, sources, cross checking, speed and news sense is important for TV world and if you are skilled in different relevant software, it has always an edge.

She inspired students to hold on to their dreams and work towards it with full dedication. She also educated them as to how they have to grab the opportunities coming their way and can only take its advantages if they are prepared for it.

She answered various questions of students pertaining to the media world from her experiences and the way one has to be vigilant, opportunist, hard working and spontaneous to work in the electronic media.



Monika Sharma interacting with students



Group photograph of Monika Sharma with faculty and students after the session

Visual through Lenses

Date: 03rd Feb 2020

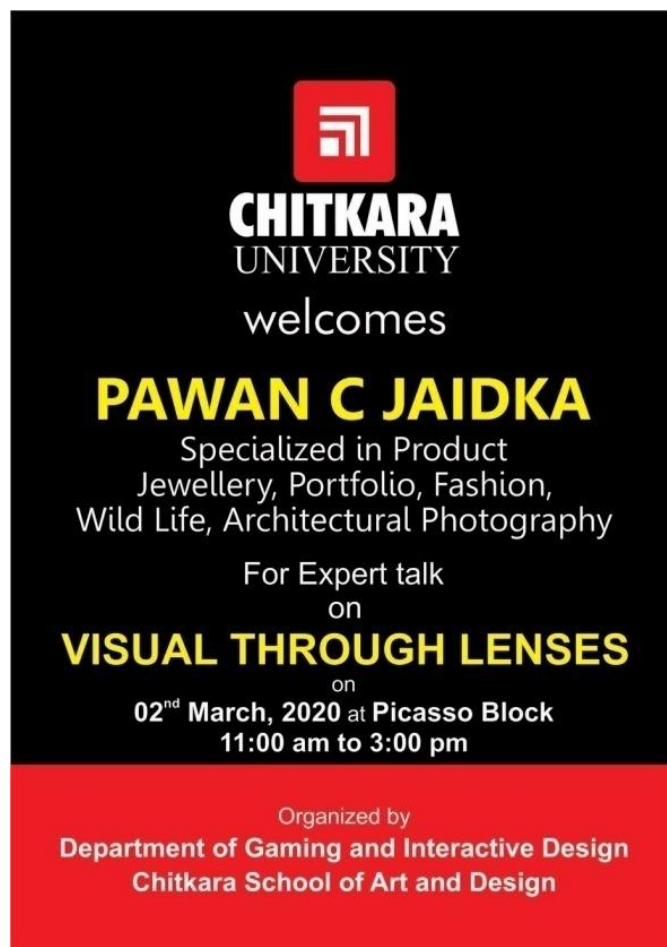
Resource Person: Mr. Pawan

Organized by: Department of Gaming & Interactive Design

Number of Participants: 32

Course Highlights: Visual through Lens workshops focus on teaching the artist how to express one's creative vision through the discipline of photography. Through the workshop the students learnt how to convey a visual narrative through an artistic lens in means of creative vision. The session Visual through lens in digital photography used the skills to express the idea, to learn with the best fine art photographers Mr. Pawan

Event Poster:



Christmas cake mixing Ceremony

13th November, 2019.

A perfect blend of aroma & cheer! To bring alive the rich tradition and unveil the spirit of the festive season, Chitkara College of Hospitality organized a traditional cake mixing ceremony at the campus. Vice-Chancellor Dr. MadhuChitkara was joined by invited guests, who mixed varieties of ingredients and spices for the festive #cake, to celebrate the joyous spirit of Christmas.



Vice-Chancellor Dr. MadhuChitkara starting cake mixing

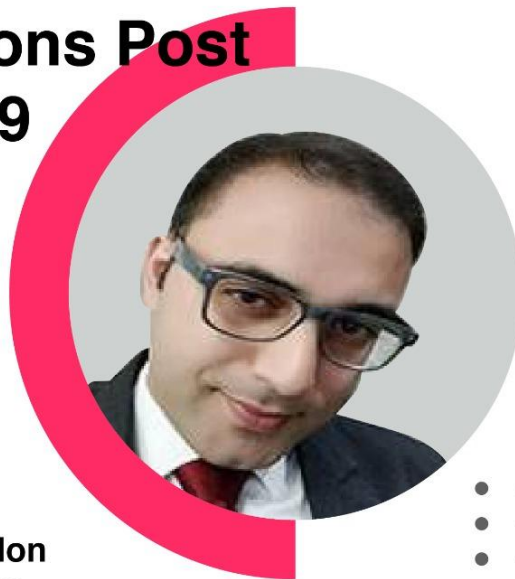
FRONT OFFICE OPERATIONS POST COVID 19

11 MAY 2020

Mr. Piyush Tandon, GM The Muse Sarovar Portico, Delhi conducted a very knowledgeable session about Artificial Intelligence and technology in hospitality like Keyless, CCTV in Kitchen, and Post Covid Protocols during his session in which. The purpose was to create awareness about the new gadgets/techniques which the hotel is using and to create more value for employees and guests. He also discussed mentioned points related to the re-invention of strategies to bring business back



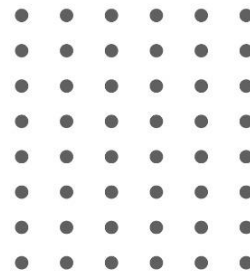
Front Office Operations Post Covid-19



By
Mr Piyush Tandon
General Manager,
The Muse Sarovar Portico, Delhi

11th May **Monday** 3:30 pm

www.chitkara.edu.in



Explore Your Potential

CHANGES IN HOSPITALITY INDUSTRY POST COVID 19**14 MAY 2020**

Mr. Anmol Ahluwalia interacted with students in online session, informing them about the current scenario of hospitality industry. He discussed about the future planning and precautions to be taken by hotels, ensuring safety of guest and staff as well. They have also get to know about strategies are being made in hotels to maximize the revenue, keeping in mind the safety and hygiene of the guest and staff. Students find the session very informative and interactive.



CHITKARA UNIVERSITY

WEBINAR

Session on
CHANGES IN HOSPITALITY INDUSTRY POST COVID-19
by
Anmol Ahluwalia
General Manager, Taj North Goa

Attendees
Students & Faculty of Hotel Management
Chitkara University Punjab and Himachal Pradesh

Thursday 14th May 2020 | 4:00 pm onwards

The New Normal in Hotel Kitchens Post the Opening of Hotels

11.06.2020

To keep students updated with current situation in hotels during COVID-19, Chitkara College of Hospitality Management organized a webinar for the students of hospitality with Chef K. Damodharam (Celebrity Chef). Chef explained students about the exit plan made by many hotels, keeping in mind guest and staff safety. He also explained the students about the measures to be taken by future chefs to get a bright and successful carrier.

RESOURCE PERSON: Chef K. Damodharam (Celebrity Chef)

CHITKARA UNIVERSITY

*The New normal in
hotel kitchens post
the opening of the Hotel.*

BY
**Chef K. Damodharan
(Celebrity Chef)**

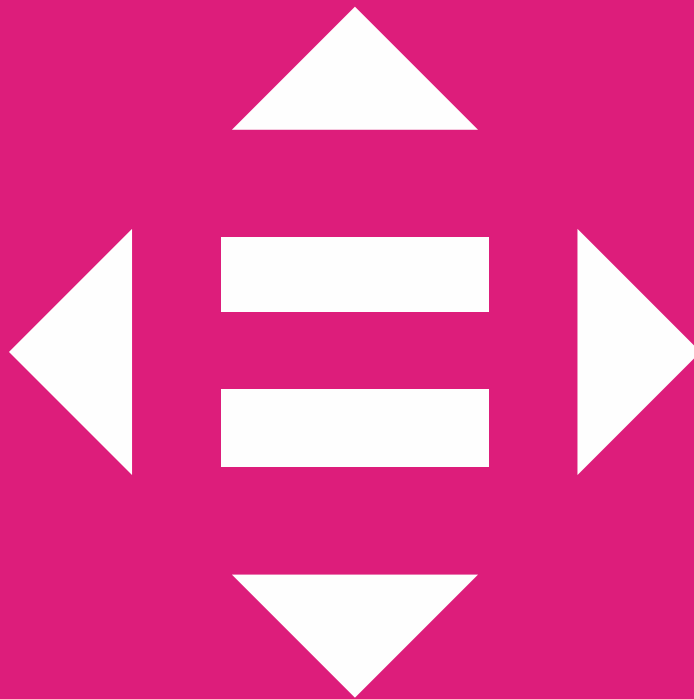
11th June 2020
THURSDAY
11:00 AM
TO 12 :30 PM

Explore Your Potential

E-Poster of the event



10 REDUCED INEQUALITIES



Seminar on Women Empowermen

Event Name: Seminar on Women Empowerment-Pathways towards Autonomy-I “Self Care in Changing Time”

Date: November 15, 2019

Venue: Pulitzer Hall

Name of Organizing Agency with Contact Details: Department of Electronics and Communication Engineering

No. of Participants:70

Facilitators:Dr. ShivaniMalhotra, Dr. Swati Singh

Description of Event

Empowerment on 15th November 2019. During this seminar the importance of self-care for women in the changing time was discussed. Many girl students and female faculty got to interact with Dr. Monica Aggarwal who is a Sr. consultant obstetrics and gynecology in Paras Bliss Hospital, Panchkula. A total of 70 participants including female students and faculties of various departments were a part of the seminar. The expert’s main focus was on teaching them the importance of personal hygiene, menstrual hygiene and self-care. Dr. Monica also touched upon polycystic ovarian syndrome, again reiterating on the importance of good diet. Talking about painful menstruation, the doctor suggested various ways to deal with it. At the end of the session, many students and faculty interacted personally with Dr. Monica discussing their gynae problems.

Photographs of the Event:



Seminar on Women Empowerment



Seminar on Women Empowerment

**CHITKARA COLLEGE OF PHARMACY
NATIONAL GIRL CHILD DAY
24.01.2020
RADIO STATION CHITKARA UNIVERSITY**

When you invest in a girl's education and life, she feeds herself, her children, her community and her nation.

On the occasion of National Girl Child Day, 24th January 2020, Yugam and Prabha, Member of **National Service Scheme, Chitkara University** held a radio show to create awareness among the youth and the citizen of the country about the girl child. The National Girl Child Day is celebrated in India every year on January 24. The Ministry of Women and Child Development, Government of India initiated this celebration in 2008, with the purpose to spread awareness among people about all the inequalities girls face in the Indian society. In this talk, we talked about the origin of the inequalities faced by a girl child, reasons to spread and solutions to overcome the evils present in the society. A new perception was tried to build among the masses with the help of examples of all the great women historians. Through this talk, a new gateway was opened with the vision of better nation for coming generations.



Chitkara Radio held a show to create awareness among the youth and the citizen of the country about the girl child organised by Chitkara college of Pharmacy

Event Details	
Name of the Department:	Chitkara Business School
Title of the Event:	A Day With the chancellor
Date of the Event:	20 th January 20
No. of Student Attended/ Benefited:	340
Resource Persons:	Dr. Ashok K. Chitkara
Venue:	Exploretorium

The students had an incredibly joyful day with the Dr. Ashok K Chitkara, Hon'ble Chancellor where they got an opportunity to interact with the man behind the evolvement of Chitkara University as North India's most prominent and preferred university.

Purpose of the Activity:/Perceived Outcomes:

- Dr. Ashok K. Chancellor addressed the students of B.COM and BBA and shared this journey towards success.
- He motivated students to choose the career with a vision and focus upon it for attaining success in all endeavors of life.
- He talked about sustainability and community building where everyone is equal.



BBA department and B. Com department students attending “A Day with the chancellor” wherein Dr. Ashok K. Chitkara interacting with the students

Event: **Visit to Old Age Home**
Date: **3rd Oct 2019**
Organized By: **Department of Computer Applications under the Aegis of NSS, Chitkara University, Punjab**
Organizer: **Ms. Vandana, Associate Professor, Department of Computer Applications.**

The Joy of Giving Week (**festival of giving**) is a platform for every single Indian to celebrate the joy of giving, irrespective of their age, gender, religion or the social status. This festival is celebrated every year, in the week including Gandhi Jayanti, i.e October 2nd and brings together Indians from all walks of life, to celebrate "**kindness**" **72 Students** of Department of Computer Applications visited the Old age and Orphanage home, Kartar Aasara Road ,Rock Garden of Chandigarh Sector -1 Chandigarh to celebrate **Joy of Giving week** where students **donated and distributed eatables and grocery items** to old people and spent quality time with them making them feel loved and special to the society.

TotalNSS volunteers: 72



Students helping the old age person



Faculty and Students Giving Goods to the needy

Event: Special session on Self defense for girls
Date: 12th Oct 2019
Organized By: Matrix Club under the aegis of Department of Computer Applications, Chitkara University, Punjab
Organizer: Ms. Vandana, Associate Professor

#SAFER #STRONGER and #FIGHT BACK

#Matrix Club under the aegis of #Department of Computer Applications organized **Special session on Self defense for girls** wherein NCC Cadets Cheten Ahuja, Raul Sareen, Bharti, Akash Pundir, Sumanyu, Rohit Gonna of Chitkara University taught the techniques, special moves and punches of self defense to girls. These NCC and NSS cadets are experts in BOXING, KARATE and TAEKWONDO.

Total number of Girl Participants: 79



Students practicing Self Defense

Group Photo of students and NCC cadets





11 SUSTAINABLE CITIES AND COMMUNITIES



Faculty Development Program on Internet of Things a Hands-on approach using MKR1000

Type of Event: Technical

Date: 16-20, December, 2019

Venue: Electronique Lab Chitkara University, Rajpura

Name of Organizing Agency with Contact Details: Department of Electronics and Communication Engineering

No. of Participants: 16

Facilitators: Dr. Shivani Malhotra and Mr. Amit Kumar

Description of Event

Department of Electronics and Communication Engineering and Electronique Design Centre organized a National Level Faculty Development Program on “Internet of Things a Hands-on Approach using MKR1000” from 16-20th Dec 2019 at Chitkara University, Rajpura, Punjab. The program aims to make faculty members aware of the latest technological trends in the Internet of Things Domain. Also, the sessions were completely hands-on so that each participant can learn and develop their application related to IoT. A total of 16 participants from different Engineering colleges participated in the program. Dr. Deeptiprit Kaur, Dr. Rajeev Kumar, Dr. Dhawan Singh, Mr. Gurjinder Singh, Ms. Rubina Dutta and Mr. Amit Kumar were the resource person in this program. Participants get introduced with concept of designing and developing IoT applications from scratch.

Photographs of Event



Group Photograph of Participants, Resource Person and Organizers



Session delivered by Mr. Amit Kumar



Group Photograph of Participants, Resource Person and Organizers

Effective Usage of EBSCOhost Platform

Date: 19 May 2020

Resource Person:

Mr. Ritesh Kumar, IEEE, Client Services, EBSCO,

No. of participants: 75

Doctoral Research Centre, Chitkara Business School, Chitkara University has organized an online workshop on Effective Usage of EBSCOhost Platform in collaboration with Central Library Chitkara University, Punjab, India. EBSCOhost provides multidisciplinary and subject-specific databases. It is considered as one of the leading academic databases which provide access to quality journals and ebooks. Mainly, the PhD students and early-stage faculty members face the difficulties in identifying and short-listing the relevant literature for their research. This generally results in the wrong conceptualization and measurement which leads toward the poor research outputs.

This workshop aimed at providing the detailed practical knowledge about the usage of EBSCO database in terms of the placement of keywords, use of different inclusion and exclusion criteria, short-listing relevant articles, and downloading and analyzing bibliometric information. This workshop was attended by 75 participants.

CHITKARA UNIVERSITY **EBSCO**
Information Services

Workshop on
Effective Usage of EBSCOhost Platform (Manage your Researches with - Business Source Elite) – An Online WebEx Training session
Organized by
Doctoral Research Centre & Central Library, Chitkara University
Punjab, India

Date – Tuesday, 19th May 2020
Timings – 02:00 PM to 04:00 PM
Venue: Online WebEx

Technical Talk:
Effective Usage of EBSCOhost Platform with Business Source Elite collection

Speaker:
Ritesh Kumar,
IEEE Client Services
EBSCO Information Service

Convener:
Doctoral Research Centre,
Central Library
Chitkara University Punjab

Coordinators:
Dr. Deepika Jhamb
Mr. Jaswinder Singh

You are invited to learn more about:

- How to access the collections
- Basic and advanced search strategies
- Navigating through search results and printing/emailing/saving/exporting articles
- How to find all Videos
- How to find Company Profiles
- How to find Case Study
- Index and Thesaurus searching
- Keeping up to date using alerts
- Creating/ Managing/ sharing the personal folders.
- Questions and Feedback

Link: <https://ebSCO.india.webex.com/ebSCO/india929.php?RTT=11001132020&pass=7a66d5c0d96d246b9e>

Workshop on how to write a research paper**Date: 6-7 April 2020****Resource Person:**

Dr. Pawan Kumar Chand, Associate Professor, Doctoral Research Centre, Chitkara Business School, Chitkara University

No. of participants: 27

Doctoral Research Centre, Chitkara Business School, Chitkara University has organized an online workshop on how to write a research paper in collaboration with Chitkara

University Language Centre from 6 to 7 April 2020. Indeed, writing a research paper is a difficult task. How to write scientifically and systematically all are important issues to understand for a researcher. Most of the scholars and researchers do great works during their research but when the question comes to write a paper on their research, and then they fail to do so. This is because of lack of information, understanding the procedure, process, lack of knowledge and proper guidance. The present workshop aimed at uncovering the basic structure for writing a good research paper and offer deep insights on types of Research- Quantitative, Qualitative and Mixed, the difference among concepts, variables, theories and their significance with examples, research process, and formats for Review, survey and empirical paper.

Event Details	
Name of the Department	Chitkara Business School
Title of the Event:	Health Cosmos
Date of the Event:	19 th February, 2020
No. of Student Attended/ Benefited:	96
Resource Persons:	Dr. Meghna Sharma, (Pediatrician, Civil Hospital, Mohali) Dr. Aarti Soni, (Dhanush Infotech, Haryana Govt., Panchkula) Dr. (Col.) B.P.Singh, (M D & Chief Consultant, GHIBS, Chandigarh) Mr. Shivraj Nakai, (Unit Head – HR, Max Hospital, Mohali) Mr. Himanshu Upadhyay, (Regional Manager, People Department, Cloud Nine Group of Hospitals, Noida)
Venue	Pluto Hall

Purpose of the Activity:

Two panel discussions were organized during the event on the topics of Public Health and HR. Students got first-hand information from the practitioners of the industry. A talk on unique hospital architecture was given by a renowned consultant in the field. The event not only gave the students, learning opportunities, but also gave them a chance to hone their organizational skills while planning and organizing for the daylong event. The speakers of the session discussed about various practices of healthcare industry such as good health and wellbeing, clean water and sanitization, affordable and clean energy, sustainable cities and communities.



MBA students attending panel discussion during the conference and then had a group photograph after the completion of conference.

Event: **Swachhata Hi Sewa Campaign-Elimination of Plastic”**
Date: **1st Oct 2019**
Venue: **Rajpura Railway Station and Bus Stop of Rajpura**
Organized By: **Department of Computer Applications, Chitkara University, Punjab**
Organizer: **Ms. Puninder Kaur, Assistant Professor**

51 NSS volunteers took part in the “**Swachhata Hi Sewa Campaign-Elimination of Plastic**” launched by Govt. of India wherein NSS volunteers collected all the plastic waste from the nearby Rajpura Railway station and bus stop and brought collected plastic waste to a central location in the institution and disposed it off.

Total NSS Volunteers: 51



Students evolving the campaign



Save Earth, No Plastic

Event: **One Student One Tree**
Date: **1st Oct 2019**
Organized By: **Department of Computer Applications under the Aegis of NSS,
Chitkara University, Punjab**
Organizer: **Ms. Vandana, Associate Professor**

Planting and nurturing a tree is a noble work. Trees are the only source of oxygen and the only source to clear carbon dioxide from the atmosphere. Department of Computer Applications Under the aegis of NSS organized Tree plantation drive on 1st Oct 2019 with the tagline “One Student One Tree” wherein large number of students of the Department participated and plant trees in the vicinity of the campus.



Group Photo during tree plantation



Student planting a tree

Event: **Visit to Old Age Home**

Date: **3rd Oct 2019**
Organized By: **Department of Computer Applications under the Aegis of NSS,
Chitkara University, Punjab**
Organizer: **Ms. Vandana, Associate Professor, Department of Computer
Applications.**

The Joy of Giving Week (**festival of giving**) is a platform for every single Indian to celebrate the joy of giving, irrespective of their age, gender, religion or the social status. This festival is celebrated every year, in the week including Gandhi Jayanti, i.e October 2nd and brings together Indians from all walks of life, to celebrate "**kindness**" **72 Students** of Department of Computer Applications visited the Old age and Orphanage home, Kartar Aasara Road ,Rock Garden of Chandigarh Sector -1 Chandigarh to celebrate **Joy of Giving week** where students **donated and distributed eatables and grocery items** to old people and spent quality time with them making them feel loved and special to the society.

TotalNSS volunteers: 72



Students helping the old age person



Faculty and Students Giving Goods to the needy

Event: **Special session on Self defense for girls**
Date: **12th Oct 2019**

Organized By: **Matrix Club under the aegis of Department of Computer Applications, Chitkara University, Punjab**

Organizer: **Ms. Vandana, Associate Professor**

#SAFER #STRONGER and #FIGHT BACK

#Matrix Club under the aegis of #Department of Computer Applications organized **Special session on Self defense for girls** wherein NCC Cadets Cheten Ahuja, Raul Sareen, Bharti, Akash Pundir, Sumanyu, Rohit Gonna of Chitkara University taught the techniques, special moves and punches of self defense to girls. These NCC and NSS cadets are experts in BOXING, KARATE and TAEKWONDO.

Total number of Girl Participants: 79



Event: **Tree Donation and Plantation**
Date: **15th February 2020**
Venue: **Chitkara University, Punjab**
Organized By: **Department of Computer Applications**
Organizer : **Ms. Vandana, Associate Professor**

Taking a clue from motivational talk by # **Dr.AshokChitkaraHon'ble #Chancellor of ChitkaraUniversity**,the #**Department of Computer Applications** organized a #**tree donation cum plantation drive** in the campus on 15th Feb 2020.

#**Dr.JaitegSingh,Dean,Department of Computer Applications** along with all #**faculty members** of the department collectively #**donated 50 plants/trees**.

Assisted by the University's horticulture staff, saplings were planted in the vicinity of # **MARCO POLO Hostel** inside the University campus.



Tree Donation and Plantation by Faculty of Department of Computer Applications

EXPERT LECTURE ON DURABILITY OF CONCRETE

Chitkara College of Applied Engineering conducted an expert lecture on Concrete Technology for 3rd year students by **Mr. Vikas Malhotra** from Jay Kay Cements, an eminent expert in the field of concrete. He delivered an extremely informative lecture on the behaviour and performance of conventional and high performance concrete. His lecture was composed of the recent trends in concrete technologies including admixtures and other products that have been widely used to enhance the properties and behaviour of concrete, starting from the earlier stages.

He cited examples of great works done in this era by various pioneers, which were truly informative for the students as they were able to revive all that which is there in their course at present.

The expert Lecture was designed and structured in such a way that it promoted fun and enjoyment with learning which every student needs. Dr. Rajeev K. Sharma and Er. Arrik Khanna thanked the very great personality of the day, Mr. Vikas Malhotra, for taking time from his schedule and sharing knowledge and talent with the young minds of CCAE.





Date:- 16.09.2020**Technical Talk on 'Building Services Engineering & its Unique Challenges'**

An expert talk on 'Building Services Engineering & its Unique Challenges' was organized by CCAE on September 16, 2019. The talk was delivered by Er. Rajan Mittal, General Manager - Projects, GBP Group, Chandigarh. He has lucrative career in the field of Real Estate. He interacted with the students and discussed how building services now a days are at the fore front of the challenges faced by the society. the focus of his talk was to inculcate the reality that how Engineers do bring buildings to life by efficient use of the resources and technology.

EXPERT LECTURE BY Dr. RAJESH GOYAL

Chitkara College of Applied Engineering organized an expert talk on 20th September, 2019 by Dr. Rajesh Goyal on 'High Rise Structures: a practitioner's viewpoint'. Dr. Rajesh Goyal is a well known figure in the field of High Rise Structures and follows a holistic approach. His main area of research is High Rise Construction, Construction Management, new construction material and wind effects on structures. He has bagged many accolades during his education and research work. Dr. Rajeev K. Sharma welcomed the guest speaker and addressed the students and faculty, talking about the crowning achievements of Dr. Rajesh Goyal.

Dr. Rajesh Goyal then began the extremely informative lecture where he discussed about the management of High Rise Structures and form work design and requirements. He mentioned that how the demand of tall buildings is inflating day by day and ways to counter those challenges. While talking about some of his magnificent design projects, he explained how his projects are design and detail intensive and reflect his belief in total design philosophy. He believes in working for social relevant, cost effective and energy efficient buildings and his design concepts revolve around structurally safe buildings.

He, while addressing the students discussed each and every aspect of his projects, which are so innovative. He also discussed about his main motive of designing that is planning with minimum resources and designing in a way that the design should be accurate and utilizing less area. The lecture was then followed by a brief interactive session where the students put across their doubts and the eminent speaker, very efficiently enlightened the students on how to meet the challenges of formwork with the increase in height of the structures.


With such informative and catchy talks, Dr. Rajesh Goyal has stirred up the minds of the young gems of CCAE with excellence and tremendous knowledge. Dr. Rajeev K. Sharma thanked the eminent personality for sparing his valuable time and knowledge and awarded a token to respect to Dr. Rajesh Goyal.




Date: - 21.12.2019

Technical Talk on “Pumping System”


A Technical talk on Pumping System was organized by CCAE on 21st December, 2019 for faculty. The very informative talk was delivered by Dr. Prateek Srivastava, Associate Professor, CCAE, Chitkara University where he discussed about the pump fundamentals and pump design. He made faculty aware about how various pumping operations work which play pivotal role in pump designing system and are necessary part of pumping system fundamental. The talk was then followed by the interaction sessions with the faculty. The session was very informative and enhanced the learning of faculty about the pump systems.


 Chandigarh Chapter


 27-28 February 2020
941-580084004 - 0011-26111000


CHANDIGARH CHAPTER OF ISHRAE

Invites You
For
Technical Talk
ON
Pumping System



About the speaker:

Dr. Prateek Srivastava completed his B.Tech in Mechanical Engineering, M-Tech in Thermal Engineering and PhD in HVAC System from MNIT Jaipur. He was visiting researcher at Lawrence Berkeley National Laboratory, USA and completed six month BHAVAN Internship at Oak Ridge National Laboratory, USA. He has various journal publications in the field of HVAC on his name. He has worked for some time in ESCO company, presently he is working as Associate Professor in Chitkara University.



Date : 21st December 2019(Saturday)
Time : 2:30 - 3:30 PM
Venue : Hotel Pearl, Phase- 2, Industrial Area, Chandigarh

Mr. Ajay Bansal
President
+91 9876093710

Mr. Jaspreet Singh
President Elect
+91 9915802363

Mr. Aneel Singh Duggal
Programme Facilitator
+919876611747

Date: - 24.12.2020

Technical Talk on Heat Loads and Understanding Psychometrics

A technical talk was delivered by Dr. Rajeev Kamal Sharma, Deputy Dean, Chitkara College of Applied Engineering at Indian Society of Heating, Refrigeration and Air Conditioning Engineers (ISHRAE), Jalandhar Sub-Chapter on December 24, 2020. It was a one-day event split into two sessions. The first session was dedicated to the basics of Psychrometry where he explained the psychrometric properties of air and the effect of cooling, heating, humidification, and dehumidification on these properties. In the second session, he explained about various internal and external heat load components of a building. The importance of fresh air circulation in the buildings was also highlighted in the session. He also touched upon the impact of building orientation and selection of building materials upon heat gain or heat loss from the buildings. Both sessions were attended by people from the industry and HVAC consultants.



Ishrae Jalandhar Sub- Chapter

Invites You

for

Technical Talk

On

Heat Loads & Understanding Psychometrics



About the speaker:

Dr Rajeev Kamal Sharma completed his B.Tech. in Mechanical engineering from RBC (now NIT) Hamirpur, M.Tech. in Rotodynamic Machines from Punjab Engineering College, Chandigarh and PhD. from Thapar Institute of Engineering and Technology, Patiala. He has sixteen years of teaching experience and has published research publications in International Journals and conferences of repute. He is guiding M.E and PhD students in the field of Thermal Engineering. Currently he is working as Associate Professor and Deputy Dean in Chitkara College Of Applied Engineering, Chitkara University, Rajpura, Punjab.



Registration Fees:

Rs 200(Ishrae Members)

Rs 300(Non Ishrae Members)

Date : 24th December 2019(Tuesday)

Time : 11:00 AM to 4:00 PM

Venue : Guru Ravidas Mandir Basti Danish Manda Near Pili Kothi,
Jalandhar

GURPARTAP SINGH
President

+919815707171

ATUL K NAGPAL
Secretary

+919915222898

SUNIL MERCHAND
President Elect

+919781439903

Webinar on Fire alarm systems (21.04.2020)**P. Palaniswamy from Siemens**

Webinar was conducted in collaboration with Siemens Building Technology Division, the theme of the webinar was to understand working of water and gas based fire alarm systems being used in domestic, commercial and industrial buildings.



Webinar on Risk assessment of Fire alarm systems by Mr. P. Palaniswamy from Siemens**(23.04.2020)**

Webinar was conducted in collaboration with Siemens Building Technology Division, the theme of the webinar was to understand working of water and gas based fire alarm systems being used in domestic, commercial and industrial buildings and to do risk assessment of these fire systems adopted in a building

Topics Focused

- ✓ Types of Fire and Suitable Extinguishing Media
- ✓ Extinguishing Principle and Strategy
- ✓ Code of Practices
- ✓ Types of Clean Agent Systems and Siemens India Portfolio
- ✓ Basic Design Process to Estimate Clean Agent Systems
- ✓ HFC227 System Basics and Design Criteria
- ✓ NOVEC1230 System Basics and Design Criteria
- ✓ Q & A
- ✓ Comparison of 42 Bar and 25 Bar Systems
- ✓ About Various International Approving Bodies
- ✓ Silent Nozzles
- ✓ What makes the complete system
- ✓ Video demo
- ✓ Q & A

SIEMENS
Ingenuity for life.

Zoom Meeting: You're recording. All computers have that they're being recorded.

People

Currently in the meeting (10)

Request control

April 2020

Page 2

Windows taskbar: 10:00 PM, 4/23/2020

Webinar on Building Management systems by Mr S. Kalidasan from Siemens**(28.04.2020)**

Webinar was conducted for B.Tech students in collaboration with Siemens Building Division. The theme of webinar was to impart working knowledge of Building Management System adopted by MEP consultants in integrating HVAC, Electrical and Water systems in order to provide sustainability and increased efficiency.





12 RESPONSIBLE CONSUMPTION AND PRODUCTION



How to Write a Research Paper

Type of Event: Technical | **Date:** 30th May 2020 | **Venue/Online Platform:** Go-to-Webinar (Online)

Name of Organizing Agency with Contact Details: Mr. Amit Kumar, Assistant Professor, Department of Electronics and Communication Engineering, Chitkara University, Rajpura, Punjab. | **No. of Participants:** 45

Facilitators: Mr. Amit Kumar, Assistant Professor (ECE). amit.pandey@chitkara.edu.in , 8054579080

Resource Person: Dr. Shelly Singhal, Assistant Professor, CBS, Chitkara University, Punjab
Brochure

The brochure features a yellow background with black and grey decorative elements. At the top left is the Chitkara University logo, a red square with a white stylized 'C' and 'U'. Below it, the text 'CHITKARA UNIVERSITY' is written in bold black letters. To the right, the word 'Webinar' is written in a large, bold, black font. The main title 'HOW TO WRITE A RESEARCH PAPER' is centered in a large, bold, black font. Below the title, it says 'by Dr. SHELLY SINGHAL Assistant Professor Chitkara Business School'. A circular inset photo shows Dr. Shelly Singhal, a woman with dark hair, smiling. At the bottom left, the date and time '30th May, 2020 10:30 am to 11:30 am' are listed. At the bottom right, it says 'Organized by: Department of Electronics and Communication Engineering'. There are decorative patterns of dots and arrows in the corners.

Description of Event

Department of Electronics and Communication Engineering organizes a webinar on “How to write a research paper” for the pre-final year students. The session discusses the fundamental skills and key points require for writing the research papers. The resource person correlates the

art of writing research paper with live examples and motivated students to write paper for their project work.

Photographs of the Event

Webinar on “How to write a research paper” by Dr Shelly Singhal on 30th May 2020

Importance of having a strong Language Base

Date: 28 February 2020

Classes: BA(JMC)-I&II and MA(JMC)-I

About Speaker: The Global Media entrepreneur and sportscaster Ms. Mallika Bajaj, Founder Director & CMO of Little Yellow Beetle Media Pvt Ltd. interacted with our students. She has been working in the content space from the age of 16, first as a journalist with Hindustan Times, NewsX, BBC, and Sportscaster at ABC Australia, and then with her own startup, Little Yellow Beetle. She is among 500 Quality Leaders (MSME), Government Of India, India Today Top 10 Most Inspiring Women In India, 100 Most Powerful CMO Asia, Women Super achiever (Asia Summit, 2019), 40 under 40 (Business worlds), Entrepreneur of the Year, India (2019), Condénast World Traveller 'best Travel Author 2018', Obama Foundation Young Leader (2018), and Global media entrepreneur, and sportscasters.

. She initiated the talk by sharing her journey from being a student to an entrepreneur. She highlighted the importance of having a strong language base and being multilingual so that one may reach easily to a wider audience. She said that the students must be clear about their strengths and weakness so that they can hone their skills accordingly and make a difference in the field in which they wish to work. She advised them to stick to their identity and uniqueness especially in this digital world.

She said that the students must be aware about the basic Digital Skills as the new array of media has come which requires it essentially. She emphasized that the students should create portfolios of their work and should indulge in internships and summer training to get more exposure and must work as a freelancer parallel to their regular studies.



Mallika Bajaj addressing students of CSMC



Students and faculty listening to Mallika Bajaj



Group photograph of faculty, students and Mallika Bajaj with students

Technical Talk on Psychrometric Analysis (13th July 2019)

Under the aegis of Indian Society of Heating, Refrigerating and Air Conditioning Engineers (ISHRAE), Chandigarh chapter, on July 13, 2019 Dr. Rajeev Kamal Sharma, Associate Professor and Deputy Dean, CCAE delivered an expert talk on Psychrometric analysis. The talk was attended by ISHRAE Ludhiana members, ISHRAE Jalandhar members, Working professionals and industrial experts from the field of Air conditioning.



Expert Lecture delivered by Dr. Prateek Srivastava on Radiant Cooling at Jodhpur

ISHRAE Jodhpur Sub Chapter invited Dr. Prateek Srivastava, Associate Professor, CCAE, Chitkara University, Punjab to deliver an expert talk on Radiant Cooling System. Mr. Pradeep

Sharma, President ISHRAE Jodhpur Sub Chapter welcomed the guest speaker and addressed the gathering and talked about achievements of Dr. Prateek Srivastava.

Dr. Prateek Srivastava interacted with the chapter members and student members and discusses about Radiant cooling system and their application with reference to energy efficiency, decoupling strategies and presented results using radiant cooling system in economizer mode.

In the end Mr. Pradeep Sharma thanked Dr. Prateek Srivastava for sparing his valuable time and knowledge and awarded a token to respect to Dr. Prateek Srivastava.



Date:- 01.09.2019

WORKSHOP ON BASICS OF COMMUNICATION NETWORKS WITH SPECIAL FOCUS ON INDUSTRIAL ETHERNET

Industrial Internet of Things (IIoT) is becoming a popular technology in the field of Industrial Automation and it requires a strong fundamental knowledge on various communication networks. Realising this need Chitkara College of Applied Engineering organized a workshop titled "Basics of Communication Networks with special focus on Industrial Ethernet" for B.Tech Electrical Engg. 5th Sem. (Batch 2017). Workshop was very informative and included hands-on session on cable testing and preparation exercises for the Ethernet communication.

Students could easily relate the topics covered in this workshop with the various industrial automation hardwares and applications which uses communication networks including industrial Ethernet. Hands-on exercises helped students to gain necessary skills for cable preparations and testing and the basic knowledge gained in this workshop helped them to understand the use of communication networks in implementing various IIoT based solutions.



Effective Usage of EBSCOhost Platform

Date: 19 May 2020

Resource Person:

Mr. Ritesh Kumar, IEEE, Client Services, EBSCO,

No. of participants: 75

Doctoral Research Centre, Chitkara Business School, Chitkara University has organized an online workshop on Effective Usage of EBSCOhost Platform in collaboration with Central Library Chitkara University, Punjab, India. EBSCOhost provides multidisciplinary and subject-specific databases. It is considered as one of the leading academic databases which provide access to quality journals and ebooks. Mainly, the PhD students and early-stage faculty members face the difficulties in identifying and short-listing the relevant literature for their research. This generally results in the wrong conceptualization and measurement which leads toward the poor research outputs.

This workshop aimed at providing the detailed practical knowledge about the usage of EBSCO database in terms of the placement of keywords, use of different inclusion and exclusion criteria, short-listing relevant articles, and downloading and analyzing bibliometric information. This workshop was attended by 75 participants.

CHITKARA UNIVERSITY

EBSCO
Information Services

Workshop on
Effective Usage of EBSCOhost Platform (Manage your Researches with - Business Source Elite) – An Online WebEx Training session
Organized by
Doctoral Research Centre & Central Library, Chitkara University
Punjab, India

Date – Tuesday, 19th May 2020
Timings – 02:00 PM to 04:00 PM
Venue: Online WebEx

Technical Talk:
Effective Usage of EBSCOhost Platform with Business Source Elite collection

Speaker:
Ritesh Kumar,
IEEE Client Services
EBSCO Information Services

Convener:
Doctoral Research Centre,
Central Library
Chitkara University Punjab

Coordinators:
Dr. Deepika Jhamb
Mr. Jaswinder Singh

You are invited to learn more about:

- How to access the collections
- Basic and advanced search strategies
- Navigating through search results and printing/emailing/saving/exporting articles
- How to find all Videos
- How to find Company Profiles
- How to find Case Study
- Index and Thesaurus searching
- Keeping up to date using alerts
- Creating/ Managing/ sharing the personal folders.
- Questions and Feedback

Link : <https://chitkaraindia.webex.com/jbsoo-ndk1121-chn?MTID=112111210b69e57a8ed5c5f19e426769>

Workshop on how to write a research paper

Date: 6-7 April 2020

Resource Person:

Dr. Pawan Kumar Chand, Associate Professor, Doctoral Research Centre, Chitkara Business School, Chitkara University

No. of participants: 27

Doctoral Research Centre, Chitkara Business School, Chitkara University has organized an online workshop on how to write a research paper in collaboration with Chitkara

University Language Centre from 6 to 7 April 2020. Indeed, writing a research paper is a difficult task. How to write scientifically and systematically all are important issues to understand for a researcher. Most of the scholars and researchers do great works during their research but when the question comes to write a paper on their research, and then they fail to do so. This is because of lack of information, understanding the procedure, process, lack of knowledge and proper guidance. The present workshop aimed at uncovering the basic structure for writing a good research paper and offer deep insights on types of Research- Quantitative, Qualitative and Mixed, the difference among concepts, variables, theories and their significance with examples, research process, and formats for Review, survey and empirical paper.

Event Details	
Name of the Department:	Chitkara Business School
Title of the Event:	Future Prospects in Certified Management Accountants (CMA)
Date of the Event:	11 th December, 2019
No. of Student Attended/ Benefited:	29
Resource Persons:	Mr. Vikas Khosla
Venue:	LH2

Certified Management Accountants is a certificate programme designed to train students for working in different industries and corporate function. It helped the students to learn all about corporate governance and other important business aspects, finance, and accounting concepts, including responsible accounting.

Purpose of the Activity:/Perceived Outcomes:

- Students were taught to understand corporate governance and concepts like responsibility accounting.
- This knowledge let them stand in a unique position between the finance side and management side of a business.
- They were informed that as CMAs make informed business decisions with finances in mind, many of them can take a consulting role for their clients.



*B. Com students attending lecture of Certified Management Accountants (CMA) and Expert-
Mr. Vikas Khosla addressing the students*

Qualities for becoming a RJ

Date: - 03-Sep-19

Classes: All Batches

About Speaker: Ashina Anand better known as Mirchi Ashi is an alumni of CSMC and also a popular Radio Jock at Radio Mirchi.

Ashina Anand shared her experience about the initial day's she had during internship and how she landed into radio profession. Since her university days she was passionate about Radio and how she has been groomed later in Radio Mirchi as RJ and doing shows for the last 4 years.

The session took off with the welcoming note by Director Chitkara Alumni Network Prof. Harkiran Kaur that this bond must be continued as there is always new things that can be imparted to new students by alma mater and the University offers platform to our pass out batches to come and share their views to new aspirants.

She showcased her voice notes with the students and gave them tips regarding voice modulation and how the content should be covered on radio. She emphasized on the spontaneity required for the shows and how there morning starts with scrutinizing news updates about the city and the nation.

She also educated the students to pursue their dreams and work towards it. In case for Radio, she voice modulation practice, assume themselves to be RJ and make their own shows. Record and listen to know their flaws.



Ashina Anand sharing her experience with the students



Ashina Anand showcasing her talent of voice modulation

Anchoring Skills

Date: 16 Sep, 2019

Classes: All Batches

About Speaker: Jyotsna Patni started as a freelance journalist for 'The Times of India'. Thereafter she was a trainee at NDTV, New Delhi. Then she worked as an Assistant Producer at Day & Night News Channel (2013-14). She also worked as a news anchor for with Network 18 ETV (2014-17). In August 2017, she started working as a News Anchor cum correspondent at India TV.

Ms Jyotsna Patni (Alumni of Media School - BAJMC 2013 pass out batch) today interacted with students in School of Mass Communication. She shared her experience with various TV channels including ETV and India TV where she has worked in past 6 years. She has done various TV assignments including reporting and anchoring TV shows.

She is one of the senior anchors in India TV. Ms Jyotsna said that consistency in work and enjoying the academic and professional journey and task are important. Time pressure is always there in media industry and sound knowledge of current affairs, very good language and presence of mind is essential for a TV anchor.

Highlighting the college life, she shared that she was always particular about her assignment and always used to pay attention towards the TV assignments on priority basis, though she did other assignments on time too. She groomed herself accordingly so that when opportunity comes, she was completely ready for it. She enjoyed every challenges that she received as a journalist whether it is of being in the field or studio reporting.

Regular reading, pursuing their passion , practicing diction and immense confidence are the key factors that you need to know for being in the TV journalism. Opportunities will come and go but if you well prepared in advance you will definitely make a mark for yourself.



Collage of Jyotsna Patni showcasing his address and interaction with the CSMC students

Content Developing

Date: 12 October 2019

Classes: BAJMC & MAJMC Final Year and Students from Design School

About Speaker: Arpan Vadhera has been working in the field of advertising and marketing since the last five years with Lintas (India's oldest advertising agency) as a content strategist & developer. Belonging to a family of artist he was selected by the advertising giant Lintas in 2015 where they selected 23 people out of 3000 all over India for the Lowe Lintas apprenticeship program. In the program he was being trained by the top advertising Gurus in India on advertising in addition to creating creative campaigns for various national and International brands such as Godaddy, Unicef, L&T, Kala hit, Axe, Bajaj Avenger, Tata Motors, Knorr, Under Armour and many more.

A 'Content Developing Workshop was organized for Mass Comm and Fine Arts students, at the campus. Internationally renowned Content Strategist, Mr. Arpan Vadhera, Co-founder, interacted with the students.

He talked about the role & responsibilities of a 'Designer & Content Strategist' in the contemporary society and different possibilities of 'content strategy and development' in the future. Through his presentation, he showed various examples as to how creative people think differently and put their ideas into practice. Whether it is designing of print advertisements or designing for the organization or product designing, creativity leaves no stone unturned.

The first step towards content developing is to understand your audience, client and product in such a detailed manner that you can create it USP very easily. He also laid emphasis on the content and creative aspects of earlier generation and now and how everyone is social and digitally connected.

The success of the content is immediately evaluated as when it is shared on social platforms, you would know the quality of the content with feedbacks in form of comments, likes and dislikes. Hence, he educated the students to be more observant towards the content shared on social platforms nowadays.



Collage of Arpan Vadera showcasing his address and interaction with the CSMC students



13 CLIMATE ACTION



CHITKARA COLLEGE OF PHARMACY**SWACHH BHARAT CAMPAIGN****24th – 26th JULY 2019**

Following the Prime Minister's clarion call on 2nd October 2014 for each individual to devote at time to Swachhata through the year, the NSS unit of Chitkara College of Pharmacy, Chitkara University conducted a sanitation drive at Village Kalo Majra

As a part of the internship, activities performed include Awareness campaigns regarding Solid & Liquid waste management (SWM), Promotion of the 3R's (Reduce, Reuse, Recycle), Volunteer in segregation of waste, Cleanliness drive in schools and villages, Interactive talk with students, Public awareness talks, and Promotion of plastic waste free environment. All these activities were performed by the NSS volunteers of Chitkara College of Pharmacy under SWACHH BHARAT SUMMER INTERNSHIP. Students participated with the great spirit of social welfare as a collective effort



NSS volunteers painting the black boards of Govt Elementary School Kalo Majra



NSS Volunteers teaching the school students regarding segregation of dry and wet waste



NSS Volunteers teaching the school students regarding segregation of dry and wet waste



Tree plantation Govt Elementary School Kalo Majra



Cleanliness drive at Govt Elementary School Kalo Majra

CHITKARA COLLEGE OF PHARMACY**TREE PLANTATION****30.07.2019****GOVT ELEMENTARY SCHOOL KALO MAJRA**

The NSS volunteers of Chitkara College of Pharmacy visited the Govt Elementary School Kalo Majra with Dr Rajwinder Kaur for the tree plantation. In this several medicinal samplings such as Java plum (jamun) & *Hibiscus* were planted and encouraged all the students and villagers present there for planting more and more plants in order to contribute in swachhta mission. It will be fruitful for the villagers and also contribute in the healthy environment.



NSS volunteers planting saplings at Govt Elementary School Kalo Majra

CHITKARA COLLEGE OF PHARMACY**AWARENESS ABOUT FORMATION AND USAGE OF COMPOSITE ORGANIC MANURE FOR FARMERS****KALO MAJRA****04.10.19**

NSS team of Chitkara College of Pharmacy, Chitkara University Punjab has organized an awareness campaign about formation and usage of composite organic manure for farmers in Kalo Majra on 04.10.19. They have discussed the need of organic manure, benefits of Compost pits, how to build Compost pits and Zero– investment method with the villagers. One on One interaction with villagers and farmers were done and they were encouraged to adopt practice of building compost pits and limiting the use of chemical fertilizers and pesticides. They appreciated work done by volunteers and thanked them to widen their knowledge as well as showed it real world practicality.



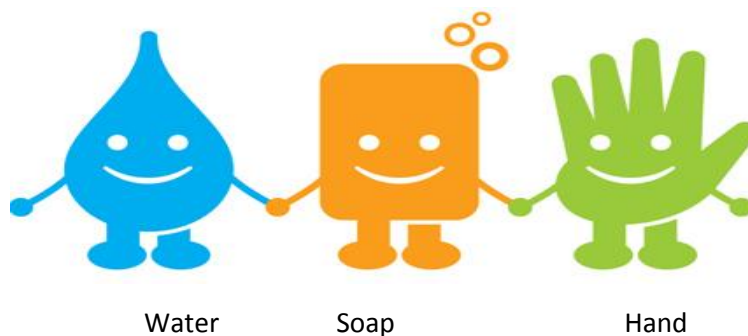
NSS volunteers teaching the villagers regarding composite pits through videos



The villagers learning the composite pits technique

CHITKARA COLLEGE OF PHARMACY**GLOBAL HANDWASHING DAY****15.10.2019****GOVT. ELEMENTARY SCHOOL, KALO MAJRA**

NSS unit of Chitkara College of Pharmacy, Chitakara University organized an activity in regard of Global Hand washing Day 2019 under the guidance of Dr. Sandeep Arora Director CCP and Ms NeelamVerma NSS Program officer. October 15th is Global Handwashing Day! This year, the Global Hand washing Day theme “Clean hands – a recipe for health” focuses on the links between hand washing and food – including food hygiene and nutrition. Dr Rajwinder Kaur along with twenty NSS volunteers from CCP visited Govt. Elementary School, Kalo Majra for enlightening the global campaign dedicated to raising awareness of hand washing with soap to reduce the chances of diseases like respiratory and intestinal problems.





Student of Chitkara college of Pharmacy raising awareness of hand washing with soap the students of Govt. Elementary School, Kalo Majra



NSS volunteers teaching the steps of handwashing to school students



NSS volunteers teaching the steps of handwashing to school students

A Hands on workshop on

GLP-III (Analytical Procedures and Methods Validation for Laboratory chemicals)

On

2.7.2019 to 6.7.2019

on theme “GLP-III (Analytical Procedures and Methods Validation for Laboratory chemicals)” was organized at Chitkara College of Pharmacy (CCP), Chitkara University, Punjab on 2.7.2019 to 6.7.2019. 20 non -teaching staff members from CCP were a part of the elucidative program. The workshop was aimed on taking a stride towards enabling the working staff to understand various aspects of GLP requirements. It includes the design of laboratories, testing facility, working protocol and SOP for instruments, validation and record keeping etc. Various **objective** of this workshop were-

- Qualification of test facility management and personnel
- Standard operating procedures
- Quality assurance program
- Qualification of facilities (e.g., Bioanalytical/analytical testing facilities)
- Qualification and validation of apparatus (equipment, computers, or computerized systems), materials, and reagents
- Test systems, and test and reference items
- Performance of the study and reporting of study results
- Storage and retention of records and materials
- Documentation and maintenance of records

Contents of the workshop were:

- Objectives and concepts of GLP's
- Special organizational requirements and Responsibilities: Management, Study director, QA, analysts
- SOP requirements: type, formats and enforcement
- To conduct GLP studies, preparation, documentation
- FDA and International GLP regulations: 21 CFR Part 58, OECD
- Key requirements for equipment, facilities reference material, people
- Records keeping: format, length of time, archiving and reprocessing

Various take aways of workshop:

- Delegate the defined responsibilities for sponsor management, for quality assurance personnel.
- Written standard operating procedures (SOPs) need to be followed.
- Appropriately designed laboratories with right construction/facility so as to ensure the integrity of a study, for example, to avoid cross contamination during implementation and processes.
- Good quality instruments and they should be calibrated and well maintained.
- Trained, qualified personnel for specific job.
- Raw data and other data should be acquired, processed, and archived to ensure integrity of data.

It was initiated with the traditional lamp lighting ceremony to invoke the blessings of Goddess Saraswati, by the distinguished personalities and Director of Chitkara College of Pharmacy, Dr. Sandeep Arora.

Various renowned speakers from academics institutions, Dr. R.K Narang, Professor, ISF College of Pharmacy, Moga, Punjab; Dr. Gulshan Bansal, Punjabi Univeristy, Patiala, Dr. Tarun Singh, MMU College of Pharmacy, Ambala discussed various dimensions under GLP, validation of instruments, record keeping, various key responsibilities of specified personnel, various guidelines, preparation for FDA inspections, design of laboratories for integrated studies etc.



Expert Dr. Tarun Singh from Mullana University, Ambala with Dean Chitkara College of Pharmacy Dr. Sandeep Arora

Event: Swachhata Hi Sewa Campaign-**Elimination of Plastic**
Date: 1st Oct 2019
Venue: Rajpura Railway Station and Bus Stop of Rajpura
Organized By: Department of Computer Applications, Chitkara University, Punjab
Organizer: Ms. Puninder Kaur, Assistant Professor

51 NSS volunteers took part in the “Swachhata Hi Sewa Campaign-**Elimination of Plastic**” launched by Govt. of India wherein NSS volunteers collected all the plastic waste from the nearby Rajpura Railway station and bus stop and brought collected plastic waste to a central location in the institution and disposed it off.

Total NSS Volunteers: 51



Students evolving the campaign



Save Earth, No Plastic

Event: **One Student One Tree**
 Date: **1st Oct 2019**
 Organized By: **Department of Computer Applications under the Aegis of NSS, Chitkara University, Punjab**
 Organizer: **Ms. Vandana, Associate Professor**

Planting and nurturing a tree is a noble work. Trees are the only source of oxygen and the only source to clear carbon dioxide from the atmosphere. Department of Computer Applications Under the aegis of NSS organized Tree plantation drive on 1st Oct 2019 with the tagline “One Student One Tree” wherein large number of students of the Department participated and plant trees in the vicinity of the campus.



Group Photo during tree plantation

Student planting a tree

Event:

Tree Donation and Plantation

Date: **15th February 2020**
 Venue: **Chitkara University, Punjab**
 Organized By: **Department of Computer Applications**
 Organizer : **Ms. Vandana, Associate Professor**

Taking a clue from motivational talk by # Dr.AshokChitkaraHon'ble #Chancellor of ChitkaraUniversity,the #Department of Computer Applications organized a #tree donation cum plantation drive in the campus on 15th Feb 2020.

#Dr.JaitegSingh,Dean,Department of Computer Applications along with all #faculty members of the department collectively #donated 50 plants/trees.

Assisted by the University's horticulture staff, saplings were planted in the vicinity of # **MARCO POLO Hostel** inside the University campus.



Tree Donation and Plantation by Faculty of Department of Computer Applications

Date: **5th June 2020**
Mode of Delivery: **Online**
Organized By: **Department of Computer Applications**
Organizer: **Ms. Vandana, Associate Professor Department of Computer Applications**

**“Let’s nurture the nature so that
We can have a better future.”**

On the special occasion of World Environment day on **5th June 2020**, NSS volunteers of the Department of Computer Applications under the aegis of NSS,Chitkara University took initiative and planted saplings in the vicinity of their home. Due to COVID-19 lockdown, not only they planted the saplings but also pledged to build the Greener World and keep our environment clean.

No of Participants: 20



Students of Department of Computer Applications planting sapling



Students enjoying the event by planting the saplings



Students of CA department feeling close to nature

**Tree Plantation Drive: Plant a tree so that next generation can get air for free
24th July 2019**

Faculty In charge- Mr. Dharam Singh, Clinical Instructor, CSHS

'Plantation Drive' was organized by Chitkara School of Health Sciences on 24-07-2019 in Chitkara Wood near Gate Number 4. Guest of Tree Plantation Drive Dr. Preethi John (Dean, Chitkara School of Health sciences) and Dr. Meenakshi Sood (Dean, Chitkara School of Health sciences). The main aim behind this campaign was to educate and aware people about the Importance of trees and that every individual should play his/her role to protect the existing trees and also plant more. All faculty and (70) students of CSHS are participated.



**All faculty members and CSHS Students with their posters after planting tree/
samplings**



CSHS Students planting *Hibiscus* tree



Plantation Drive: CSHS Students planting Golden Bottle tree

Tree Plantation Drive
24 Jan, 2020
Plant a tree and plant a hope for future

GO GREEN PLANT MORE TREES

A plantation drive was organized by CSHS on 24-01-2020 at Sports Arena near gate no 4 under the lead of Mr. Moninder Singh. Students and faculty actively participated in this event. Twenty posters were put on display for the best poster competition and judged by Dr. Navjot, Mr. Shankar Das and Ms. Vaishali. Students were awarded for best poster and participating as well.

Winners Name

First prize: Kajal and Sarfaraz (MRIT -2)
Second prize: Priya (MLT-2)
Third prize: Romana and Girinandani thakur (MRIT-2)



Watering the plant by faculty



Department of Mechanical Engineering**Virtual BAJA SAE INDIA 2020****12th to 13th July, 2019**

Virtual BAJA SAE INDIA is an event where student teams present their virtual design of ATV. These designs are evaluated by industry professionals and shortlisted teams are invited to participate in main BAJA SAE event with their own manufactured ATVs. The event was hosted by Chitkara University and conducted by SAE India along with NaTrip and Mahindra & Mahindra. The event started with a press conference on July 11, 2019 at Chandigarh. Over the next 2 days i.e. July 12-13, 2019, 350 teams from PAN India engineering colleges presented their designs of ATVs through presentation. The presentations include the design philosophy followed by teams, specifications of the systems of their ATVs and design approach, Computer Aided Engineering for the safety of the ATV and other engineering parameters. 5 students of Department of Mechanical Engineering participated in the competition under the team name- Team Lakshya. The judges were invited from the world class automotive OEM companies like Mahindra & Mahindra, Anand Group, ARAI, Mathworks, Royal Enfield, Michelin and John Deere. Judges shortlisted the top 250 teams from 350 teams. Out of these teams, 120 mBAJA and 70 eBAJA teams participated in BAJA SAE INDIA 2020 event at Pithampur, Indore (Madhya Pradesh) and rest of the teams at BAJA SAE INIDA 2020 Leg-II at Chitkara University, Punjab from March 6-8, 2020. On July 13, 2020 the event concluded with valedictory function and vote of thanks by Chitkara University.



Press meet Virtual BAJA SAE India 2019-20



Judges meet Virtual BAJA SAE India 2019-20



Student presentations Virtual BAJA SAE India 2019-20

Tree Plantation Drive

Chitkara College of Applied Engineering has jointly organized the Tree Plantation Drive in association with Municipal Corporation, SAS Nagar Mohali-Punjab and Forest Department, Chandigarh on 26th September 2019 by Mr. Gaurav Kalia, Assistant Professor and Mr. Paramjeet Singh, Project Engineer. A special thanks to Forest department, Chandigarh for providing plants to make the plantation drive smoothly. Also felt gratitude to Municipal Corporation, SAS Nagar Mohali, Punjab for arranging the area of plantation and arranging other required equipments. The event was begun by welcoming Mr. Bhupinder pal Singh, Commissioner and Dr. Kanu Thind, Joint Commissioner. Later, Mr. Gaurav Kalia and Mr. Paramjeet Singh address the students and nearby local people by discussing the merits of tree plantation.

As the **Tree Plantation drive** combat many environmental issues like deforestation, erosion of soil, desertification in semi-arid areas, global warming and hence enhancing the beauty and balance of the environment. More and more trees must be planted if we really want to survive and lead a good life. Besides exhaling oxygen and inhaling carbon dioxide, trees also absorb other harmful gases from the environment thus making the air purer and fresher. The greener the tree the more oxygen it shall produce and the more toxic gases it will absorb. Team CCAE covered the plantation in the area of Phase-2 and Phase-11, SAS Nagar, Mohali, Punjab. In the end, a special thanks to Mr. Dhanasekaran, Dr. Rajeev Kamal Sharma & Mr. Arrik Khanna for inspiring our whole CCAE team for future drives.





‘SAY NO TO PLASTIC’ DRIVE

Chitkara College of Applied Engineering has jointly organized the ‘SAY NO TO PLASTIC’ Drive in association with Municipal Corporation, SAS Nagar Mohali-Punjab, Chandigarh on 1st October 2019 by Mr. Gaurav Kalia, Assistant Professor and Mr. Ankit Sharma, Assistant Professor. The event is organized by collaborating with Honorable Prime Minister Narendra Modi recent initiative “Swachta Abhiyan”. On the auspicious day of Mahatma Gandhi Jayanti this event has been takes place. Team CCAE covered the SAY NO TO PLASTIC’ Drive in the area of Phase-10 and Phase-11, SAS Nagar, Mohali, Punjab. The event was begun by welcoming Mr. Bhupinder pal Singh, Commissioner and Dr. Kanu Thind, Joint Commissioner. Later, Mr. Gaurav Kalia and Mr. Ankit Sharma address the students and nearby shop keepers by discussing the hazard of plastic use. It was urged to say ‘no to plastic’ to get rid of the menace as these polybags formed 60 to 80 per cent of all marine debris in the world. The cleaning drive is also covered by the print media e.g. Dainik Jagran etc.

As the Plastic pollution is damaging our environment rapidly. Waste plastic material is hard to dispose of and contributes to major pollution on earth. This has become a cause of global concern. The increasing use of plastic bags, utensils and furniture, the amount of plastic waste has also gone up and so has the plastic pollution. It is time we must take this problem seriously and work towards eradicating it. Today, a number of our household items are made up of cheap and non bio-degradable plastic which enters and pollute the environment after its shelf life is completed. Also, the use of plastic bags in large quantities, throughout the globe, for the purpose of wrapping, packaging and handling goods or groceries, is the most immediate cause of plastic pollution. For the same Mr. Dhanasekaran, Dr. Rajeev Kamal Sharma & Mr. Arrik Khanna have inspired whole CCAE team for future drives.





ਐੱਸ. ਐੱਸ. ਨਗਰ ਵਿਚਲੇ ਫੇਜ਼-11 ਵਿਖੇ ਦੁਕਾਨਦਾਰਾਂ ਨੂੰ ਪੌਲੀਥੀਨ 'ਤੇ ਲਗਾਈ ਗਈ ਪਾਬੰਦੀ ਸਬੰਧੀ ਜਾਗਰੂਕ ਕਰਦੇ ਹੋਏ ਨਗਰ ਨਿਗਮ ਦੀ ਕਰਮਚਾਰੀ ਅਤੇ ਚਿਤਕਾਰਾ ਕਾਲਜ ਦੇ ਵਿਦਿਆਰਥੀ।
ਤਸਵੀਰ : ਅਮਰਜੀਤ ਸਿੰਘ



Technical Write Up

A workshop on ‘Chillers: Basics and Applications’ was conducted by Chitkara College of Applied Engineering for the students of B.Tech Mechanical Engineering 4th Semester & 6th Semester on 3rd & 4th March 2020. 50 students and 05 faculty members attended the workshop. Mr. Saurabh Singh Rathore, Vice President, Climaveneta (North Zone) shared his key insights on the chiller Industry & how young engineers may prepare themselves to fit in the industry. Mr. Vignesh karthick Ganesan, Technical expert, Climaveneta, explained about the basic components of chiller, types of chillers and their selection criteria. It was a nice interactive session, where students actively participated in the discussions.



Date: - 19.05.2020

Webinar on Modern Centralized Heating System, Through Heat Pump

A webinar on Modern Centralized Heating System, Through Heat Pump was organized by CCAE on May 19, 2020 under the guidance of Mr. Manish M Begad from Emerson. He illustrated the HVAC system to all the students of CCAE. He elaborated the importance of centralized heating system that how it provides warmth to the whole interior of a building (or portion of a building) from one point to multiple rooms. When combined with other systems in order to control the building climate, the whole system may be an HVAC system.



**INDIAN SOCIETY OF HEATING
REFRIGERATION AND
AIR CONDITIONING ENGINEERS**



WEBINAR ON

Modern Centralized Heating System, Through Heat Pump

Expert Speaker



19 19th May 2020

3:45 pm to 5 pm

What can we expect from session?
What is heat Pumps, how it works, what are alternate technologies, how heat Pumps are better than alternate technologies. 1-2 case studies to explain cost saving, energy saving, Reduction in CO2 emission, Challenges in Centralized Plumbing.

Mr. Manish M Begad

Mr. Manish M Begad has rich experience in HVAC Industry over 18 years & 16 years with Emerson. He also worked as Engineering Head for Refrigeration Business, cold chain business, served as design manager to Copeland USA. Currently he is leading as Sales Head India – Heat Pump with Emerson Commercial & Residential Solutions, India. He has Design developed products like Condensing Units, RACK's, Chillers, Heat Pumps for India, SEA and MEA region.

Who should attain this session:

- HVAC consultants
- HVAC contractors
- Plumbing consultants
- Plumbing consultants
- Architects/Builders
- Utility Engineers
- Hot Water management people
- Energy management consultants

REGISTRATION LINK

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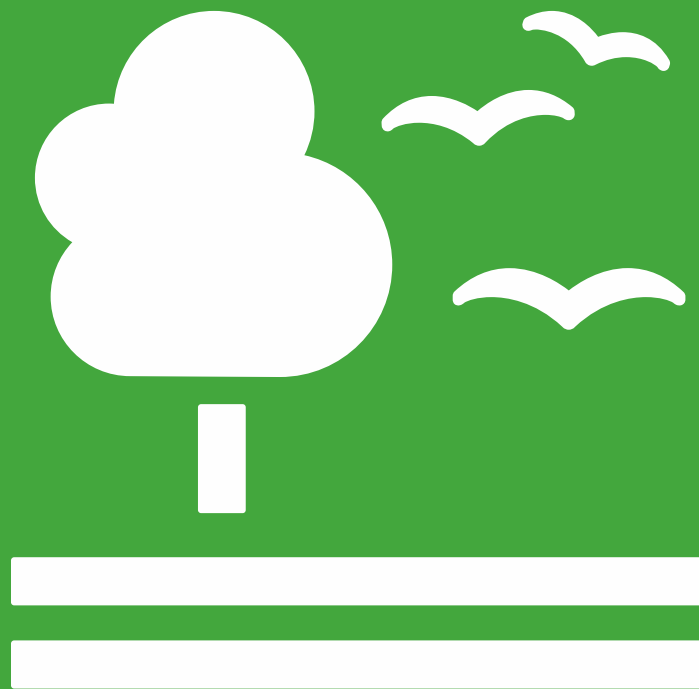
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Thank you!

Please send your suggestions at aneel54@gmail.com



15 LIFE ON LAND



Master Chef**Type of Event:** Cultural**Date:** February 19th, 2020**Venue:** Hospitality, Chitkara University, Punjab**Name of Organizing Agency with Contact Details:** Department of ECE, Punjab**Facilitators:** Dr. Shivani MalhotraDescription of Event

Electronics and Communication department along with IHM department of Chitkara University has organized “**Master Chef Competition**” for faculty of ECE department. Total number of teams was 8. All faculty members have participated with great enthusiasm. Theme of this competition was the famous or traditional food items of different states. For this purpose, different teams have selected different state according to their interest and they prepared delicious dishes representing that state.

Different states picked by the faculty members were Himachal, Mumbai, South India, Rajasthan, China, North India (Delhi) and Haryana, Hyderabad.

List of Winners

S.No.	State	Position	Name of Participants
1.	Himachal and South India	1st	Team Himachal: Dr. Shivani Malhotra Dr. Swati Singh Dr. Meenu Garg Mr. Chander Partap Singh Team South India: Ms. Mamatha Sandhu Ms. Priyanka Malhotra Ms. Srishti Ms. Sakshi
2.	Delhi	2nd	Dr. Deepti Preet Kaur Mr. Rajvir Singh Dr. Maninder Singh Mr. Gurjinder Singh
3.	Hyderabad	3rd	Ms. Isha Gupta Dr. Amanpreet Sandhu Ms. Sonam

		Mr. Keshav
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Participating Team





Participating Team



**CHITKARA COLLEGE OF PHARMACY
TREE PLANTATION
30.07.2019
GOVT ELEMENTARY SCHOOL KALO MAJRA**

The NSS volunteers of Chitkara College of Pharmacy visited the Govt Elementary School Kalo Majra with Dr Rajwinder Kaur for the tree plantation. In this several medicinal samplings such as Java plum (jamun) & *Hibiscus* were planted and encouraged all the students and villagers present there for planting more and more plants in order to contribute in swachhta mission. It will be fruitful for the villagers and also contribute in the healthy environment.



NSS volunteers planting saplings at Govt Elementary School Kalo Majra

CHITKARA COLLEGE OF PHARMACY
AWARENESS ABOUT FORMATION AND USAGE OF COMPOSITE ORGANIC
MANURE FOR FARMERS
KALO MAJRA
04.10.19

NSS team of Chitkara College of Pharmacy, Chitkara University Punjab has organized an awareness campaign about formation and usage of composite organic manure for farmers in Kalo Majra on 04.10.19. They have discussed the need of organic manure, benefits of Compost pits, how to build Compost pits and Zero- investment method with the villagers. One on One interaction with villagers and farmers were done and they were encouraged to adopt practice of building compost pits and limiting the use of chemical fertilizers and pesticides. They appreciated work done by volunteers and thanked them to widen their knowledge as well as showed it real world practicality.



NSS volunteers teaching the villagers regarding composite pits through videos



The villagers learning the composite pits technique

Date: **5th June 2020**
Mode of Delivery: **Online**
Organized By: **Department of Computer Applications**
Organizer: **Ms. Vandana, Associate Professor Department of Computer Applications**

“Let’s nurture the nature so that we can have a better future.”

On the special occasion of World Environment day on **5th June 2020**, NSS volunteers of the Department of Computer Applications under the aegis of NSS, Chitkara University took initiative and planted saplings in the vicinity of their home. Due to COVID-19 lockdown, not only they planted the saplings but also pledged to build the Greener World and keep our environment clean.

No of Participants: 20



Students of Department of Computer Applications planting sapling



Students enjoying the event by planting the saplings



Students of CA department feeling close to nature

Event:	International Yoga Day
Date:	21st June 2020
Venue:	Online
Organized By:	Department of Computer Applications
Organizer:	Ms. Vandana, Associate Professor, Department of Computer Applications

**“Yoga is that Light which, if you can lit once will never get dimmed,
the more you practice the Brighter the Flame will be”**

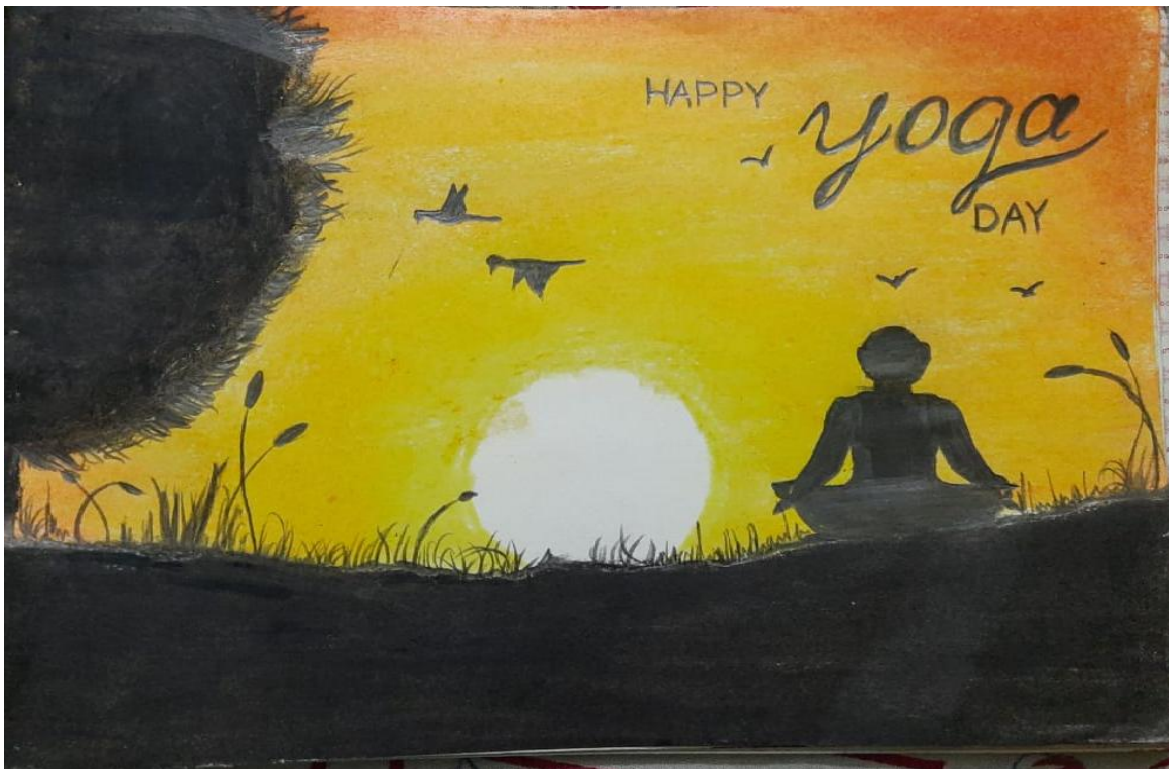
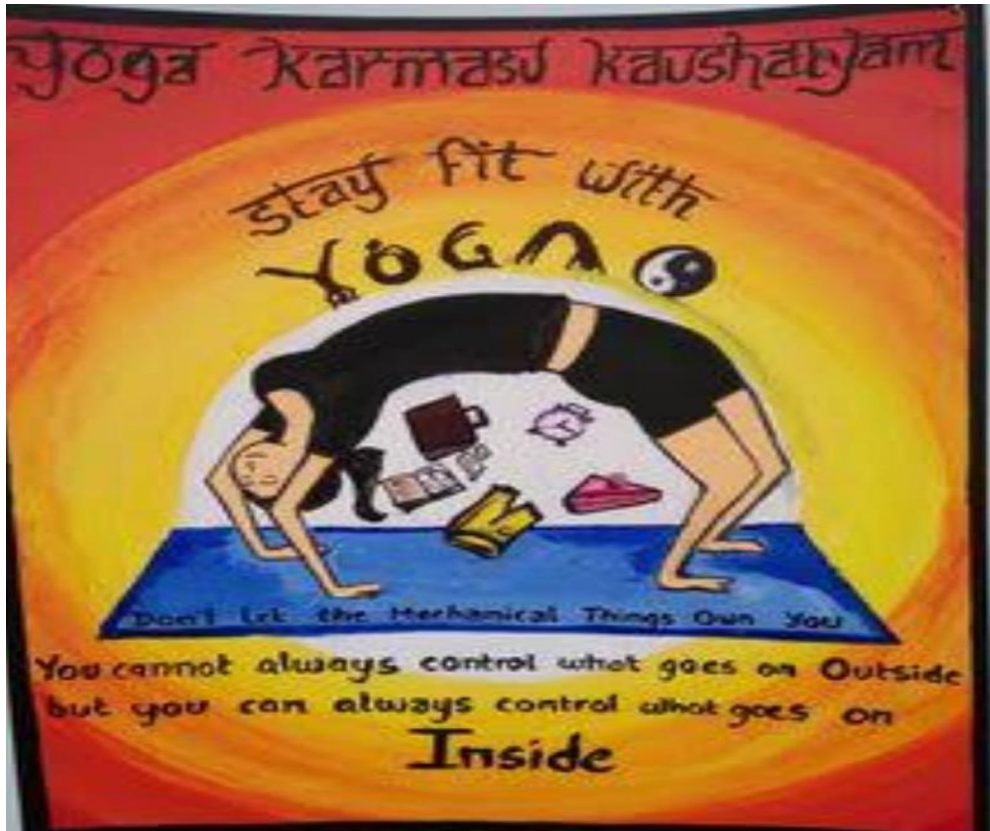
Department of Computer Applications under the aegis of NSS, Chitkara University organized International Yoga Day on **21st June 2020** wherein NSS volunteers participated in the event by doing Yoga Aasans at their home and also participated in the online contest organized by Department of Applied sciences under the aegis of NSSDeptt. Students enthusiastically participated in the contest and uploaded their video while doing Yoga Aasanson the link shared by the department. Some volunteers submitted handmade posters which aim to raise awareness and many benefits of practicing yoga.

Winner : Ankita,BCA Batch 2019 student was declared as winner for her best video while competing with other departments at Chitkara University in the Yoga video uploading contest.She was judged on the basis of accuracy and how well she performed yoga aasans in limited aount of time by NSS,Chitkara University

Total number of Participants: 31



Yoga Postures shared by students



Poster presentation on Yoga Day



Various Yoga postures shared by students on International Yoga Day

World Wildlife Day

Date- 3rd March 2020

Venue- Chitkara School of Mass Communication

We don't own the planet earth, we belong to it and we must share it with our wildlife. Every year this day ie 3rd March is celebrated as World wildlife day to make people aware of the importance of Wildlife. Chitkara school of Mass Communication has organized 'Photomania' photography contest in which around 32 students from different departments have participated enthusiastically and Ms. Gurjeet Kaur took the responsibility as resource person. The 3 best pictures are selected based on themes.

1. Animal and human bond
2. life of street animals. First position is won by Arzoo Tyagi from department of health sciences followed by Vanshika Yadav and Divanshu Chawla from Health Sciences.

Wildlife is essential for the human existence! Save and love animals!



Winners are being felicitated during Photography event organized by CSMC

Department of Mechanical Engineering**SWACHH YANTRIKI 2019****23rd September, 2019**

On September 23rd Official club of Department of Mechanical Engineering organised an event named Swachh Yantrik 2019, wherein two exuberant events namely Group discussion and Poster making competition were organized at two different places inside college campus itself. Cleanliness should not be considered as an activity or an abhiyan. It should be recognised as part and parcel of our day to day life either spending at campus or at home. As said by our honorable Prime Minister Shri Narendra Modi to make India a cleaner, greener and healthier nation, it now falls upon the youth of India and the upcoming leaders to take this responsibility on their shoulders. To lend support to the Swachh Bharat Abhiyan and to inculcate green attitudes and responsibility towards nature in the students, with due respect and regards towards our nation, Mechstein club organized this event as titled before. There were total 80 students participated in this event. The Prize was distributed by Dr. Anoop Kumar Singh from Mechanical Engineering Department with faculties from Inlingua Department at the hall in Square one 3rd floor. The effort put in by all the organiser was commendable. Participants from all around the college campus participated and gave their best. At last our respected Dean (Dr. Anoop Kumar Singh) encouraged the students to work hard for their goals and pursue higher education to master their domain.



Dr. Anoop Kumar Singh awarding prizes to the winners



16 PEACE, JUSTICE AND STRONG INSTITUTIONS



66th IETE Foundation Day**Type of Event:** Technical**Date:** November 2, 2019**Venue/Online Platform:** IETE Center**Name of Organizing Agency with Contact Details:** IETE Society**Facilitators:** Ms. Isha Gupta (isha.gupta@chitkarauniversity.edu.in, 7508111411)**Resource Person:** IETE Society Heads of Chandigarh**Description of Event**

IETE Chandigarh Centre celebrated the 66th IETE Foundation Day on 2nd November 2019 (Saturday) at 10.30 AM at IETE Centre, Chandigarh. The theme of this year's celebrations was "**Role of Artificial Intelligence and Machine learning in the Development of Society**". An expert lecture on the above theme was organized on this occasion. Also the ISF Students' from different colleges gave the technical Presentation on the Topic "**Artificial Intelligence**". For this purpose, 3 students participated in a team. They won 1st prize in presentation.

List of Winners (If Applicable)

S.No.	Name	Roll No./Email ID	University
1	Aryan Kaushik	1710992109	Chitkara University
2	HarshdeepKaur	1710992120	Chitkara University
3	Gurmehr Singh	1710992118	Chitkara University

Photographs of the Event



Winners of the Event and Receiving the Prize



Speaker of the Event

Republic Day

Type of Event: Cultural

Date: January 26th, 2020

Venue/Online Platform: Alpha Zone

Name of Organizing Agency with Contact Details: Office of Student Affairs, Chitkara University, Punjab

Facilitators: Ms. Isha Gupta, Ms. AmanpreetKaur

Description of Event

Office of Student Affairs organized the 71th Republic Day Celebrations, reminiscing the glory of all the great people that have bequest in different fields like sports, music, arts, academics and many unspoken revolutions, etc., with the aim of forging ahead with the dream of a GREAT NATION. The department of ECE (along with department of ME) was given the region of north and east side of INDIA. The era of music in independent India from 1947-2018 was depicted beautifully in the form of act (MIME) by the students and scored second position in the competition.

Photographs of the Event



Participants of the Event

Event Details	
Name of the Department:	Chitkara Business School
Title of the Event:	A Day With the chancellor
Date of the Event:	20 th January 20
No. of Student Attended/ Benefited:	340
Resource Persons:	Dr. Ashok K. Chitkara
Venue:	Exploretorium

The students had an incredibly joyful day with the Dr. Ashok K Chitkara, Hon'ble Chancellor where they got an opportunity to interact with the man behind the evolvement of Chitkara University as North India's most prominent and preferred university.

Purpose of the Activity:/Perceived Outcomes:

- Dr. Ashok K. Chancellor addressed the students of B.COM and BBA and shared this journey towards success.
- He motivated students to choose the career with a vision and focus upon it for attaining success in all endeavors of life.
- He talked about sustainability and community building where everyone is equal.



BBA department and B. Com department students attending “A Day with the chancellor” wherein Dr. Ashok K. Chitkara interacting with the students

Poetry Recitation on Social Issues

Date- 23 November 2019

Venue- Community Radio (Chitkara University)

NSS Unit of Chitkara School of Mass Communication and Radio Chitkara addressed Social Issues through Poetry. To sensitize that audience, on various issues like drug abuse, Environment protection, Rationality of thoughts and giving priorities to inter-dependency, migration and importance of agriculture were the themes of this poetry recitation session which was aired on Community Radio. Ms.Gurjeet kaur has hosted this show and Dr, I.S. Sandhu had recited the poetry based on social issues.



Radio Chitkara addressed Social Issues through Poetry

School Bus Safety (Radio Discussion)

Date- 17th February 2020

Venue- Community Radio (Chitkara University)

School bus safety for kids is something which cannot be ignored the safety of their child is the first thing that comes to a parent's mind, especially when entrusting child care to someone else. Encouraging importance of school bus safety tips to parents and kids should be given top priority by every school authority. Chitkara School of Mass communication has organized a Radio Discussion show in which 5 speakers including Director Administration Col. C. Jhamb, OSA Dean and NSS program coordinator Dr. Neelam Verma and Government senior Secondary School's Principal Mr. Sandeep Kumar (Jhansla) have discussed School bus Safety rules which can help to avert some of the avoidable Incidents. Ms. Gurjeet Kaur has moderated the discussion.



Speakers had suggested school bus safety tips to parents and students



17 PARTNERSHIPS FOR THE GOALS



Report on Expert Session

Chitkara College of Pharmacy, Chitkara University, Punjab

Date: 9th April 2020

Chitkara College of Pharmacy, Chitkara University, Punjab didn't let the current conditions to hamper the process of teaching and learning. The institute through the E – Learning resources conducted an expert session on 9th May 2020, where Dr. Lakshmi Prasanna Kolluru had delivered an informative session on Generic Parenteral Product Development and CMC Filing. During this current Pandemic (COVID – 19), the institute continued to deliver its expert services to the students.

The session was organized by Dr. Sandeep Arora, Professor & Director, Chitkara College of Pharmacy, Chitkara University, Punjab and was moderated by Dr. Suman Baishnab, Asst. Professor, Chitkara College of Pharmacy, Chitkara University, Punjab.

Dr. Prasanna is a Senior Formulation Scientist at Medefil, Inc. Illinois, US who in spite of her busy schedule had spared time for the students of Chitkara University, Punjab. She has a very vast experience in the field of Research and Formulation. The institute had the privilege to deliver her experience to the students.

The complete session focused on 3 points:

1. What exactly is done in generic industry?
2. How to develop generic products?
3. How to present this information to regulatory agencies?

The complete 1 ½ hour session covered the various aspects of these topics. The session covered the various stages of development i.e. Analytical Development, Formulation Development, Microbiology, Technology Transfer, Manufacturing, Regulatory Aspects and Quality Assurance.

Approximately 180 students from B. Pharm & M. Pharm attended this session which was very useful for them. A round of discussion was also conducted after the session, where the students were given a chance to ask their queries and were also given a chance to share their thoughts and views over the topic.

Report on Expert Session

Chitkara College of Pharmacy, Chitkara University, Punjab

Date: 12th June 2020 & 15th June 2020

Chitkara College of Pharmacy, Chitkara University, Punjab didn't let the current conditions to hamper the process of teaching and learning. The institute through the E – Learning resources conducted an expert session on 12th June 2020 & 15th June 2020, where Dr. Sohil Khan had delivered an informative session on Increasing Value & Reducing Waste: Current Dilemma in COVID 19 Research. During the current Pandemic (COVID – 19), the institute continued to deliver its expert services to the students.

The session was organized by Dr. Sandeep Arora, Professor & Director, Chitkara College of Pharmacy, Chitkara University, Punjab, Prof. Harleen Sandhu, Assoc. Director, Office of International Affairs, Chitkara University, Punjab and was moderated by Dr. Suman Baishnab, Asst. Professor, Chitkara College of Pharmacy, Chitkara University, Punjab.

Dr. Khan is a faculty at the School of Pharmacy & Pharmacology, Griffith University, Australia who in spite of his busy schedule had spared time for the students of Chitkara University, Punjab. He has a very vast experience in the field of pharmacology. The institute had the privilege to deliver his experience to the students.

Approximately 150 students from B. Pharm & M. Pharm attended this session which was very useful for them. A round of discussion was also conducted after the session, where the students were given a chance to ask their queries and were also given a chance to share their thoughts and views over the topic.

CHITKARA UNIVERSITY   **Griffith UNIVERSITY**
Queensland, Australia

TRANSLATIONAL RESEARCH SEMINAR
Chitkara University, India in collaboration with
Griffith University, Australia

**Increasing Value and Reducing Waste:
Current Dilemma in COVID-19 Research**

Synopsis:
Dr Sohil Khan of Griffith University, Gold Coast Australia
is on the front line of rapid evidence response team to generate
near-real time
CRITICALLY APPRAISED THERAPEUTIC EVIDENCE IN COVID – 19

Dr Sohil Khan
Faculty & Research Fellow,
Griffith University
Gold Coast Australia

June 12th & 15th, 2020
10.30 AM IST

Report on PharmTech Web Series 01**Chitkara College of Pharmacy, Chitkara University, Punjab****Date: 22nd May 2020 & 23rd May 2020**

Chitkara College of Pharmacy, Chitkara University, Punjab through the E – Learning resources conducted PharmTech Web Series 01 on 22nd May 2020 & 23rd May 2020, where many experts from various fields were invited to deliver their talk on their area of interests. During the current Pandemic (COVID – 19), the institute continued to deliver its expert services to the students.

The session was convened & chaired by Dr. Sandeep Arora, Dean, Chitkara College of Pharmacy, Chitkara University, Punjab, organized by Dr. Thakur Gurjeet Singh, Asst. Dean, Chitkara College of Pharmacy, Chitkara University, Punjab, and was coordinated by Dr. Suman Baishnab, Asst. Professor, Chitkara College of Pharmacy, Chitkara University, Punjab.

The experts who had delivered talk in these series were Dr. Sandeep Arora, Chitkara University, Punjab, Dr. Prasanna Kolluru, Medefil Inc., USA, Dr. Jitender Narayan Tiwary, Dr. Reddys Lab, Dr. Vinam Puri, RUTGERS, Dr. Mohd. Hisham, Cleveland Clinic

More than 250 students from B. Pharm, M. Pharm, Pharm D & M. Sc. Pharmacovigilance attended this series which was very useful for them. A round of discussion was also conducted after the sessions, where the students were given a chance to ask their queries and were also given a chance to share their thoughts and views over the topic.



Pharmaceutical Industry Worldwide An Overview



- ❖ The pharmaceutical industry is responsible for the Development, Production and Marketing of Medications.
- ❖ Pharmaceutical companies may deal in Generic or Brand Medications and Medical Devices.
- ❖ They are subject to a variety of laws and regulations that govern the Patenting, Testing, Safety, Efficacy and Marketing of Drugs.
- ❖ Thus, its immense importance as a global sector is evident.

> Video

Research To Market - Pharma Global Perspective | Dr. Bishan Palwar | 23-MAY-2020

2020-06-27 11:23:25



Chat Messages

- Dr. Suman Baishnab** 40:01

All attendees can put up their questions here
- Dishaan Chahal** 48:32

Sir how do you think that this Corona pandemic is going to affect this revenue ?
- Dr. Arun Kumar** 56:05

Sir how does the industry work on

DB NB CV AM

Dr. Suman Baishnab View Kumar Anandharam S Chitkara VC108 Jack Prasad

Plant Selection

- > Commercial availability – Larger Volumes
- > Authentic raw material
- > Sustainable Source (Leaf, Flower, Fruit)
- > CITES Free (the Convention on International Trade in Endangered Species)
- > Contaminants, Heavy metals, Pesticides, Aflatoxins

DB VK NB CV

Dr. Suman Baishnab All Prasad View Kumar Anandharam S Chitkara VC108

At present there is a requirement for evidence based drug development with fluctuating of global economic scene. When developing novel drugs using traditional medicines it is essential to consider novel standard parameters whenever possible. Quality control of traditional medicines is also prerequisite of standard clinical trials.

It is essential to follow current standard quality controlling methods viz .Good Manufacturing Practice (GMP); Good Clinical Practice (GCP); Good Laboratory Practice (GLP); Chemistry, Manufacturing and Controls (CMC) or Pharmaceutical Quality.

Report on PharmTech Web Series 01

Chitkara College of Pharmacy, Chitkara University, Punjab

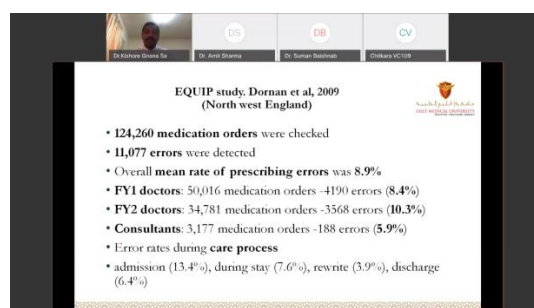
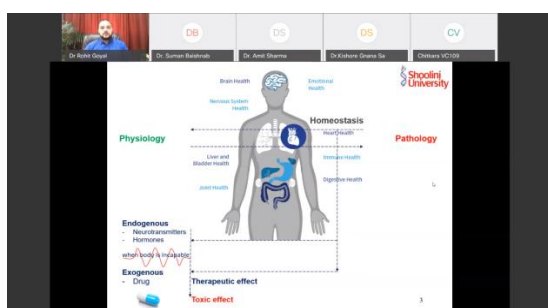
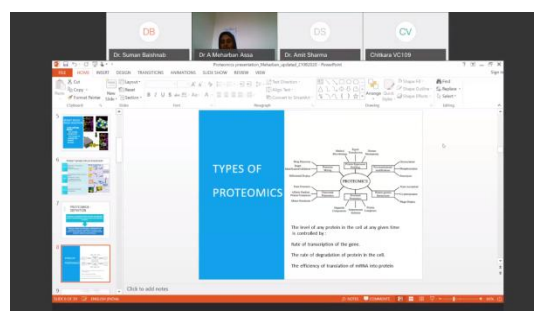
Date: 10th June 2020 & 30th June 2020

Chitkara College of Pharmacy, Chitkara University, Punjab through the E – Learning resources conducted PharmTech Web Series 02 from 10th June 2020 to 30th June 2020, where many experts from various fields were invited to deliver their talk on their area of interests. During the current Pandemic (COVID – 19), the institute continued to deliver its expert services to the students.

The session was convened & chaired by Dr. Sandeep Arora, Dean, Chitkara College of Pharmacy, Chitkara University, Punjab, organized by Dr. Thakur Gurjeet Singh, Asst. Dean, Chitkara College of Pharmacy, Chitkara University, Punjab, and was coordinated by Dr. Suman Baishnab, Asst. Professor, Chitkara College of Pharmacy, Chitkara University, Punjab.

The experts who had delivered talk in these series were Mr. Ankur Joshi, Covance, Mr. Arvind Kumar, Sanofi Ltd., Dr. Kampanart Huanbutta, Dr. Roshan Palewar, DocRosh Global Solutions, Dr. Dharmendra Kumar, UCSI University, Malaysia.

More than 200 students from B. Pharm, M. Pharm, Pharm D & M. Sc. Pharmacovigilance attended this series which was very useful for them. A round of discussion was also conducted after the sessions, where the students were given a chance to ask their queries and were also given a chance to share their thoughts and views over the topic.



Event Details	
Title of the Event:	Pre-Placement Talk Series
Date of the Event:	17.01.2020
No. of Student Enrolled:	120
No. of Student Attended/ Benefited:	120
Resource Persons:	1. Mr. Pritesh Bhatia, GSK

Mr. Pritesh Bhatia is Corporate HR Manager at Glaxo Smith Kline. He delivered an expert talk on Sales of Pharmaceutical products, including medicines, surgical devices, consumables of any form, machines, and equipment used in surgeries. In his talk he discussed in pharmaceutical sale your targeted audience is doctors of any kind, chemists, and/or purchase in-charge in hospital or pharmacies.

The session included the following:

Sales of Pharmaceutical [products](#), which may include medicines, or surgical devices, consumables of any form, machines, and equipment used in surgeries is called Pharma Sales. The [target](#) audience is doctors of any kind, chemists, and/or purchase in-charge in hospital or pharmacies.

The pharmaceutical sale is very different from regular sales of any kind right from the [product](#) to the customer to the process of selling. Of all the sales, Pharmaceutical sale is considered to be one of the most lucrative and high paying jobs and also one of the most challenging jobs requiring a lot of learnings on the salesperson's part.



Team from GSK for Pre Placement Talk at Chitkara University, Punjab

Event Details	
Title of the Event:	Pre-Placement Talk Series
Date of the Event:	31.01.2020
No. of Student Enrolled:	110
No. of Student Attended/ Benefited:	110
Resource Persons:	<ol style="list-style-type: none"> 1. Mr. Simranjeet Singh, Parexel Pvt.Ltd. 2. Ms. Priyanka Pahuja, Parexel Pvt.Ltd. 3. Mr. Amit, Parexel Pvt.Ltd.

Mr. Simranjeet Singh, Ms. Priyanka Pahuja & Mr. Amit (Team Leads, Paraxel (I) Ltd.) were invited. The team leads from Parexel (I) Ltd., with their experience delivered a talk on management of Pharmacovigilance data and safety reporting, ensuring quality assurance and compliance to global regulations. The experts have discussed various issues and science & activities relating to the detection, assessment, understanding & prevention of adverse effects or any other drug related problems. The experts discussed the drug safety in practice, need for monitoring the safety of drugs and pharmacovigilance organisation.

The experts discussed the following points:

The science & activities relating to the detection, assessment, understanding & prevention of adverse effects or any other drug related problems, example-Thalidomide – in 1960 marketed in 46 countries (hypnotics, prevention of nausea in pregnancy); heavily promoted; in 1960 first reports of deformed infants (phocomelia).



Team from Parexel for Pre-Placement Talk at Chitkara University, Punjab

Event Details	
Title of the Event:	Pre-Placement Talk Series
Date of the Event:	12.02.2020
No. of Student Enrolled:	145
No. of Student Attended/ Benefited:	145
Resource Persons:	3. Mr. Sumit Sharma, Alembic Pharma

Mr. Sumit Sharma is Deputy General Manager at Alembic Pharmaceuticals Limited. In his talk, he discussed how to manage sales of pharmaceutical products. Apart from this he also shares his experience in building new business, their strategies, setting up business operations & how to work with multiple agencies. In his talk, he also shared the target of pharmaceutical sales/audience and how pharmaceutical sale is different from regular sales.

He kept his session focused on the following:

The session included the following:

Sales of Pharmaceutical [products](#), which may include medicines, or surgical devices, consumables of any form, machines, and equipment used in surgeries is called Pharma Sales. The [target](#) audience is doctors of any kind, chemists, and/or purchase in-charge in hospital or pharmacies. The process of Pharmaceutical sales: Like every sale, there is a buyer and a seller. In this case, the buyer depends on the product of the manufacturer. For discussion's sake, we will consider all of the buyer kinds.



Team from Alembic Pharma for Pre-Placement Talk at Chitkara University, Punjab

Event Details	
Title of the Event:	Pre-Placement Talk Series
Date of the Event:	02.09.2019
No. of Student Enrolled:	130
No. of Student Attended/ Benefited:	130
Resource Persons:	3. Ms. Rupali, Roots Analysis

Ms. Rupali Manager from Root Analysis delivered an expert talk on the various applications and procedures in Pharmacovigilance domain. She in her expert talk emphasised the clinical data management and systematic safety reporting. The audience were also informed about the review and approval procedures of new drugs by regulatory agencies. In her expert talk, she focussed about various capabilities in Pharmacovigilance Professional.

The expert discussed the following points:

The present pipeline of pharmaceutical products is becoming increasingly complex and requires specialized facilities, equipment and operational expertise. In addition, the costs associated with acquiring manufacturing capabilities are exorbitant and, therefore, it is difficult for companies with limited finances and capacity constraints to succeed by themselves. Over the years, the contract manufacturing market has grown into a prominent and promising segment of the overall pharmaceutical industry. Company belong to collect the data from the tie up companies and perform the statistical analysis of data of meta population analysis of the reportings



Team from Roots Analysis for Pre-Placement Talk at Chitkara University, Punjab

Event Details	
Title of the Event:	Pre-Placement Talk Series
Date of the Event:	26.09.2019
No. of Student Enrolled:	100
No. of Student Attended/ Benefited:	100
Resource Persons:	3. Mr. Satya Suresh Venkata Attili, Clinsync CRO

Mr Satya Suresh Venkata Attili from Clinsync CRO, Hyderabad delivered a talk on detection, assessment, understanding & prevention of adverse effects related to drugs. Experts discussed the various information that enables the intelligent, evidence-based use of medicines and posse the potential for preventing many adverse reactions. In their talk, they effectively explained the need of patient to receive optimum therapy, and on a population basis, will further will help to ensure the acceptance and effectiveness of public health programmes.

The experts discussed the following points:

The science & activities relating to the detection, assessment, understanding & prevention of adverse effects or any other drug related problems. There are many ways of building Pharmacovigilance capability and many differences in how Pharmacovigilance system is created.

Systematic safety monitoring is needed to identify previously recognized and unrecognized adverse drug reactions and to evaluate the safety and efficacy of medicinal products during clinical trials and in the post marketing period. Review and approval of new drugs by regulatory agencies is dependent upon a trust that clinical trials data presented are of sufficient integrity to ensure confidence in results & conclusions presented by Pharma Company.



Expert from Clinsync CRO for Pre-Placement Talk at Chitkara University, Punjab

Event Details	
Title of the Event:	Pre-Placement Talk Series

Date of the Event:	25.10.2019
No. of Student Enrolled:	130
No. of Student Attended/ Benefited:	130
Resource Persons:	3. Mr. SV Krishna Prasad, Cito Healthcare

Mr. S.V. Krishna Prasad, delivered a talk on management of Pharmacovigilance data and safety reporting, ensuring quality assurance and compliance to global regulations. The experts assured the safety of medicines by ensuring reliable and timely exchange of information on drug safety issues, promoting pharmacovigilance activities throughout and encouraging participants in the WHO Programme for International Drug Monitoring.

The experts discussed the following points:

The science & activities relating to the detection, assessment, understanding & prevention of adverse effects or any other drug related problems. EM trials help development teams meet recruitment target relatively easier than other segments. Look at the potential that a continent such as Africa holds for various trials especially anti-retroviral. Running trials in EM requires a strong nodal control/centralized communications. Understanding the Cultural challenges, Ethos and Law of the land are crucial for choosing a CRO partner in the planned segment. As is well known, in some countries, locally registered drugs require trial conduction on local population only is a factor which needs to be kept in mind e.g. Japan, Mexico and Russia.





Expert from Cito Healthcare for Pre-Placement Talk at Chitkara University, Punjab

**Certificate online Training program in Medical Writing and Pharmacovigilance - CU
TURACOZ Collaboration**

Date: 05-09-2019 – 09-09-2019

Report

Chitkara College of Pharmacy, Chitkara University in collaboration with Turacoz has successfully organized a certificate medical writing from 05-09-2019 to 09-09-2019.

Objectives: The primary objective of the certificate medical writing was to elaborate in students the various forms medical and scientific writing. The students were made understand about the ethical consideration in clinical research process and the various operations in pharmacovigilance and drug safety. Through and detailed information to the participants was provided regarding the preparation of various documents in PV industry and to enlighten about the Quality Education, Industry innovation and infrastructure, Partnerships for the Goals.

Outcomes: Total 12 students from Chitkara College of Pharmacy attended CU-Turacoz has medical writing from 05-09-2019 to 09-09-2019. Thorough understanding of the basics of clinical research process was made to the participants. The participants were told about the importance of preparation of clear and concise draft that adhere to the relevant guidelines. Various sessions on pharmacovigilance and drug safety were very informative and participants felt very enthusiastic and confident after attending those sessions. The participants were awarded with certificates on successful completion of the medical writing certificate course.



**Gimpse of Training program in Medical Writing and Pharmacovigilance - CU TURACOZ
Collaboration**

Machine Learning Using Python

Type of Event: Technical

Date: 4th May-8th May, 2020

Online Platform: Go-to-Webinar (Online)

Name of Organizing Agency with Contact Details: Department of Electronics & Communication Engineering

No. of Participants: 51

Facilitators: Ms. Isha Gupta (7508111411, Email Id: isha.gupta@chitkarauniversity.edu.in),

Ms. GurjinderKaur, Dr. Maninder Singh, Dr. AmanpreetSandhu

Resource Person: Ms. Isha Gupta

Brochure

WORKSHOP DATES:
4 May - 8 May, 2020

RESOURCE PERSONS:
Ms. Isha Gupta Dr. Maninder Singh
Dr. Amanpreet Sandhu Ms. Gurjinder Kaur

FACULTY COORDINATORS:
Dr. Amanpreet Sandhu Ms. Gurjinder Kaur

ORGANISED BY:
Department of Electronics and
Communication Engineering
Chitkara University Institute of
Engineering and Technology, Punjab

OUTCOMES OF THE WORKSHOP :
This workshop will cover the basic algorithm that helps us to build and apply prediction functions with an emphasis on practical applications. Attendees of the end this workshop, will be technically competent in the basic and fundamental concepts of machine learning such as :

- ☑ Understand components of a Machine learning algorithm.
- ☑ Apply machine learning tools to build and evaluate predictors.
- ☑ How machine learning uses computer algorithms to search for pattern of data.
- ☑ How to prepare data, deal with missing data and create custom data analysis solutions for different industries.
- ☑ Basic and frequently used algorithmic techniques.

COURSE CONTENTS :

- ☑ Introduction to Machine Learning
- ☑ Installation of Python / Anaconda / Spyder
- ☑ Introduction to Libraries / Hands on activity on preprocessing the datasets
- ☑ Classification using different classifier
- ☑ Introduction to Deep Learning and Convolutional Neural Network

PREREQUISITES FOR THE WORKSHOP:
The incumbent should be having A Laptop with WINDOWS OS - 64 bit, minimum i3 processor with 3GB RAM.

CHITKARA UNIVERSITY
Explore Your Potential

MACHINE LEARNING WITH PYTHON
May 4 - 8, 2020

Description of Event

We offer 5-Days Machine learning FDP which enable the participants to work on Machine learning applications. This data science course is an introduction to machine learning and algorithms. Participants will develop a basic understanding of the principle of machine learning and derive practical solution using predictive analytics. We will also examine why algorithm play an essential role in Big data analysis. This FDP will cover the basic algorithm that helps us to build and apply prediction functions with an emphasis on practical applications. Attendees at the end this workshop, will be technically competent in the basic and fundamental concepts of machine learning such as: Understand components of a Machine learning algorithm, Apply

machine learning tools to build and evaluate predictors, How machine learning uses computer algorithms to search for pattern of data, How to prepare data, deal with missing data and create custom data analysis solutions for different industries, Basic and frequently used algorithmic techniques. The topics covered in the FDP are:-Introduction to Machine Learning, Installation of Python/Anaconda/Spyder, Introduction to Libraries/ Hands on activity on Preprocessing ,Classification using different classifier, Introduction to Deep Learning and Convolutional neural Network

Photographs of the Event



FDP on Machine Learning using Python Held on 4th May to 8th May 2020

One Day Workshop on “Technical Report Writing and Presentation Skills”**Type of Event:** Technical**Date:** 15th July, 2019**Venue/Online Platform:** Pierre Hall**Name of Organizing Agency with Contact Details:** Institution of Engineers, India (IEI)**No. of Participants:** 45**Facilitators:** Dr. Deeptiprit Kaur**Resource Person:** Prof. T. L. Singal (ECE), Mr. Gurjinder Singh (ECE) and Ms. Prabhjyot Kaur (CULC)**Description of Event**

The best reports, whether for project or research; demonstrate the writer's knowledge towards the material and the medium, achieving an appropriate attention and positive response. In the same way, presentation skills help the presenters to communicate with their audience more effectively and professionally.

Considering the above mentioned requirements by the undergraduate students, department of ECE organized a One-day workshop under the aegis of IE(I) to celebrate “World Youth Skill Day” on 15th July, 2019. This workshop aimed to enhance fundamental skills needed for planning, structuring, writing and checking the technical reports and presentation. A total of 45 students from across various departments of Engineering participated for the workshop. By the end of the workshop, the participants were assumed to have acquired:

- improved ability for planning and writing more structured reports;
- familiarization with a range of report formats;
- essential information for making an effective power point presentation;

The workshop covered the following areas:

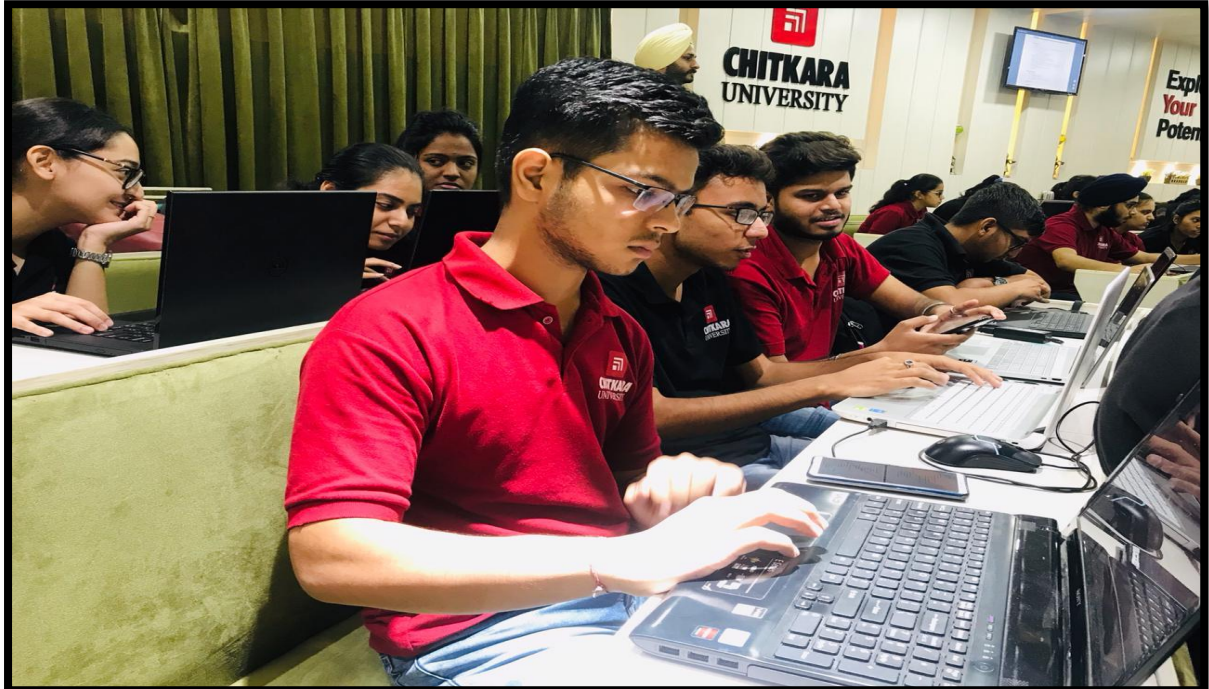
Report basics – focusing on the reader, approaching the task, sections of a report; Writing concisely – style and clarity, writing specific sections such as reference, conclusions and summaries;

Presentation skills– organizing the presentation material, effective and well structured delivery through power point presentation.

Photographs of the Event



Students' interacting during workshop



Students' participating in the workshop

Tech-Talk: Webinar Series

Type of Event: Technical

Date: 4th May – 16th May 2020

Online Platform: Go-to-Webinar (Online)

Name of Organizing Agency with Contact Details: Mr. Amit Kumar, Assistant Professor, Department of Electronics and Communication Engineering, Chitkara University, Rajpura, Punjab.

No. of Participants: 358 Approx.

Facilitators: Mr. Amit Kumar, Assistant Professor (ECE).amit.pandey@chitkara.edu.in, 8054579080

Resource Person:

- 4th May, Dr. S. N. Panda, Director, CURIN
- 5th May, Dr. Sachin Ahuja, Director, CURIN
- 6th May, Prof. Bala Ramadurai, Innovation Consultant
- 7th May, Dr. S.K. Parida, IIT Patna
- 8th May, Dr. Nitin Saluja, Asst. Director, CURIN
- 9th May, Dr. S. RN. Reddy, IGDTUW, New-Delhi
- 11th May, Col. Sameer Sabhlok, Indian Air Force
- 12th May, Dr. Rajnish Sharma, Dean Research, CURIN
- 13th May, Dr. Nilesh Chandra, BrainGrid Technologies Pvt. Ltd.
- 14th May, Mr. Deepak Punetha, IIT Patna
- 16th May, Mr. Shivaji Yerra, Founder and CEO PlugXR.

Brochure



Description of Event

Department of Electronics and Communication Engineering organizes the Tech-Talk webinar series during COVID-19 from 4th May to 16th May 2020. These talk series aim to bring

professionals from industry and academia to have direct interaction with students and make them aware of the latest trends of technology and career aspects. The talk series covers topics like innovation, Patents, Publishing research, the Internet of Things, Machine learning, interactive learning technologies, etc. More than 300 students get the opportunity to interact with the professional and learn from their experience and get guidance from them.

Photographs of the Event



Expert talk by Col. Sameer Sabhlok on 11th May 2020



Expert talk by Prof. BalaRamadurai on 6th May 2020



CHITKARA UNIVERSITY

ED

Tech-Talk

Day 3



Dr. Sachin Ahuja

Director, Research, CURIN
Chitkara University, Punjab

Moderator: Mr. Amit Kumar, Assistant Professor
Organized by: Department of Electronics and Communication Engineering

Expert talk by Dr. Sachin Ahuja on 5th May 2020

Effective Usage of EBSCOhost Platform

Date: 19 May 2020

Resource Person:

Mr. Ritesh Kumar, IEEE, Client Services, EBSCO,

No. of participants: 75

Doctoral Research Centre, Chitkara Business School, Chitkara University has organized an online workshop on Effective Usage of EBSCOhost Platform in collaboration with Central Library Chitkara University, Punjab, India. EBSCOhost provides multidisciplinary and subject-specific databases. It is considered as one of the leading academic databases which provide access to quality journals and ebooks. Mainly, the PhD students and early-stage faculty members face the difficulties in identifying and short-listing the relevant literature for their research. This generally results in the wrong conceptualization and measurement which leads toward the poor research outputs.

This workshop aimed at providing the detailed practical knowledge about the usage of EBSCO database in terms of the placement of keywords, use of different inclusion and exclusion criteria, short-listing relevant articles, and downloading and analyzing bibliometric information. This workshop was attended by 75 participants.

CHITKARA UNIVERSITY

EBSCO
Information Services

Workshop on
Effective Usage of EBSCOhost Platform (Manage your Researches with - Business Source Elite) – An Online WebEx Training session

Organized by
Doctoral Research Centre & Central Library, Chitkara University
Punjab, India

Date – Tuesday, 19th May 2020
Timings – 02:00 PM to 04:00 PM
Venue: Online WebEx

Technical Talk:
Effective Usage of EBSCOhost Platform with Business Source Elite collection

Speaker:
Ritesh Kumar,
IEEE Client Services
EBSCO Information Services

Convener:
Doctoral Research Centre,
Central Library
Chitkara University Punjab

Coordinators:
Dr. Deepika Jhamb
Mr. Jaswinder Singh

You are invited to learn more about:

- How to access the collections
- Basic and advanced search strategies
- Navigating through search results and printing/emailing/saving/exporting articles
- How to find all Videos
- How to find Company Profiles
- How to find Case Study
- Index and Thesaurus searching
- Keeping up to date using alerts
- Creating/ Managing/ sharing the personal folders.
- Questions and Feedback

Link: <https://ehscoindia.webex.com/ehscoindia0321?join=MTI1-4f01f30b492e457a46d15c81b9d721b9>

Workshop on how to write a research paper**Date:** 6-7 April 2020**Resource Person:**

Dr. Pawan Kumar Chand, Associate Professor, Doctoral Research Centre, Chitkara Business School, Chitkara University

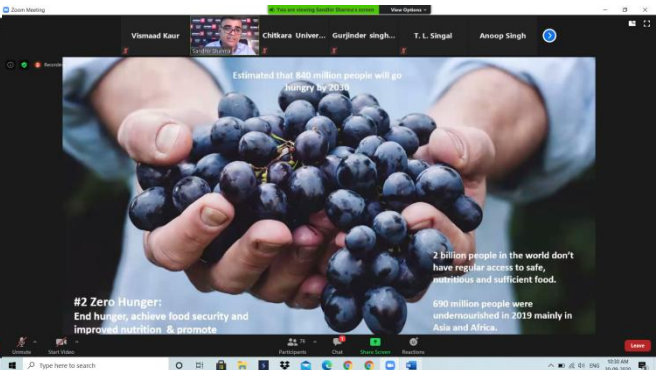
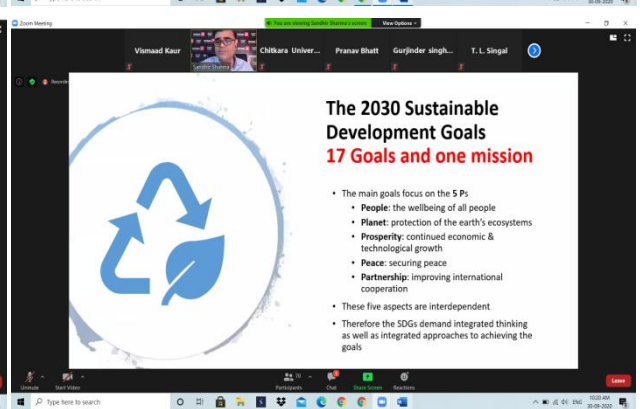
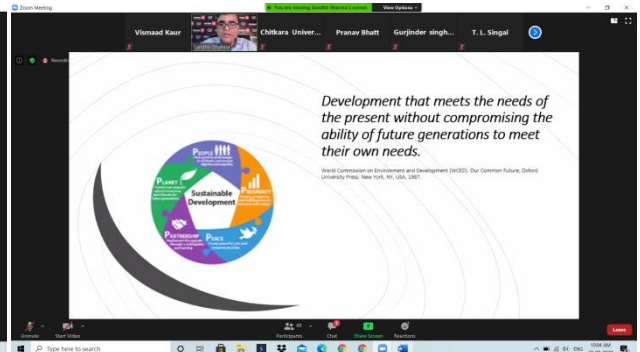
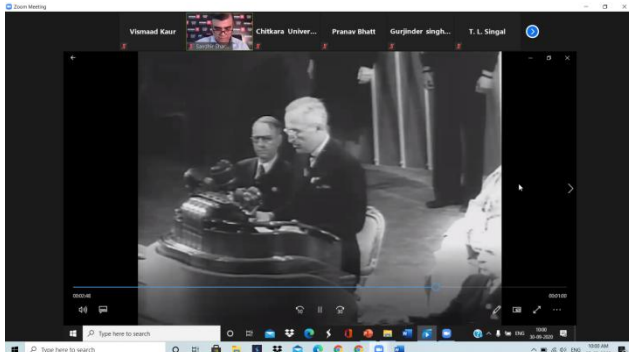
No. of participants: 27

Doctoral Research Centre, Chitkara Business School, Chitkara University has organized an online workshop on how to write a research paper in collaboration with Chitkara

University Language Centre from 6 to 7 April 2020. Indeed, writing a research paper is a difficult task. How to write scientifically and systematically all are important issues to understand for a researcher. Most of the scholars and researchers do great works during their research but when the question comes to write a paper on their research, and then they fail to do so. This is because of lack of information, understanding the procedure, process, lack of knowledge and proper guidance. The present workshop aimed at uncovering the basic structure for writing a good research paper and offer deep insights on types of Research- Quantitative, Qualitative and Mixed, the difference among concepts, variables, theories and their significance with examples, research process, and formats for Review, survey and empirical paper.

Chitkara College of Education**Transforming our world through Sustainable Development Goals: The UN Agenda****30th September 2020**

Earth is considered to be the most beautiful planet. It consists of all the essentials that one needs to live a happy and health life. However, as a result of continuous negligence and less or no contribution from the human kind and keeping on using the resources, which in fact are scarce, these essentials are prone to be less in number or amount. Owing to this, some percentage of the human kind is worried that the existing resources will not be there for the usage by the generations to come. In other words, these will not sustain. In order to make the audience aware about what sustainable development is and the 17 Sustainable Development Goals by the United Nations, Dr Sandhir Sharma presented his thoughts via VC Series session titled **Transforming our world through Sustainable Development Goals: The UN Agenda**. He started his session by playing a video the content of which included WWII, the after effects of it among many other. Then he defined what sustainable development is. He also discussed that with the rapid increase in development and competition, manifold issues and effects can easily be seen. These issues and effects are the ones which the UN wants to eradicate, i.e., the 17 sustainable development goals and the earlier we achieve, the longer we will live. Meaning, the longer we will sustain in this world. Then he gave a little background of these goals. He explained that previously there were 8 goals, which were termed as 8 Millennium Development Goals (MDGs) and these were ought to be achieved within 15 years. However, there were some gaps in the goals. No importance was given to environment, emission of greenhouse gases, access to clean water, etc. Though, the MDGs were successfully achieved up to some extent. The new agenda of the UN was “truly universal and transformation”. The way to built these goals was democratic. Thus, involving all the member states of the UN. Eventually, the 2030 Sustainable Development Goals, having 17 goals and one mission, came into existence. The goals were mainly focused on 5 Ps- People, Planet, Prosperity, Peace and Partnership. The first five goals cater the People, the goals from 6 to 15 focus on Planet and Prosperity, the goal 16 focus on peace and the last but not least, the goal 17, caters to Partnership. He also apprised about the uniqueness of 17 SDGs- Universality, Integration and Transformation. Then he started explaining each and every goal from 17 Goals. He started with the first Goal No poverty, then he went with the second Zero Hunger, third Good Health and Well Being, fourth Quality Education, fifth Gender Equality, sixth Clean Water and Sanitation, seventh Affordable and Clean Energy, eighth Decent Work and Economic Growth, ninth Industry, Innovation and Infrastructure, tenth Reduce inequalities, eleventh Sustainable Cities, twelfth Responsible Consumption & Production, thirteenth Climate Action, fourteenth Life Below Water, fifteenth Life on Land, sixteenth Peace, Justice and Strong Institutions, and seventeenth Partnerships. He supported his views with the statistics given by UN which also consisted of the numbers after COVID-19, some of which were surprising and shocking. He said that each of these goals is important in itself and they all are connected with each other. The session presented by Dr. Sharma definitely provoked the audience to do their bit and be responsible global citizens and try to sustain the things that are in their hands. We, indeed, can make the planet earth a heaven, with the help of conscious efforts. Total 3 faculty members had attended the webinar.



Zoom Meeting

Recording

Vismaad Kaur

Chitkara Univer...

Anuradha Sharma

Gurjinder singh...

T. L. Singal

#4: Quality Education
Ensure inclusive and quality education for all and promote lifelong learning

- 258 million children and youth were still out of school in 2018 – nearly 1 fifth of the global population in that age group. By April 2020, close to 1.6 billion children and youth were out of school.
- The global adult literacy rate (15 years and older) is 86 percent.
- In 2018, 773 million adults – two thirds of whom are women – remained illiterate in terms of reading and writing skills.

Type here to search

10:33 AM 30-09-2020

Zoom Meeting

Recording

Vismaad Kaur

Chitkara Univer...

Varsha Singh

Gurjinder singh...

T. L. Singal

#17: Partnerships
Revitalize the global partnership for sustainable development

Type here to search

10:52 AM 30-09-2020

Chitkara College of Education**Transforming pedagogy in India-connecting content and Language
MAHE Manipal****Date: 05.09.2019-06.09.2019**

Bringing CLIL in practice: Dr. Sangeeta Pant, Dean, Chitkara College of Education; was invited as a Panelist for a discussion on 'Implementing CLIL in India: Rethinking Multilingual Education' for CLIL@India Project at the final CLIL Conference held at Manipal Academy of Higher Education Dr Parul Sood, Associate Professor, CCE; also attended the conference and presented a Paper. Total 2 faculty members had attended the workshop.





Event:	Youth Leadership Hiking And Trekking Camp
Date:	26th February 2020
Venue:	Chitkara University, Punjab
Organized By:	NSS Chitkara University
Organizer:	Ms. Vandana, Associate Professor

Department of Computer Applications **under the aegis of NSS Department of Chitkara University, Punjab organized a Blood Donation Camp on February 26 at the Sports Arena, Indoor Stadium.** There was tremendous participation this year from students of BCA and MCA with **approx 100 enthusiastic registrations.** The donors were given fruits, juice and sweets as refreshment. The blood donors were also facilitated with a certificate and a gift to appreciate their good deed. The mega successful event was made possible with the support of Rajindra Hospital, Patiala and PGIMER, Chandigarh.

In all, the camp was a megahit, starting on the note of kindness and humility and ending on the note of satisfaction and happiness.

Total NSS volunteers: 100.



Student performing activities during Adventure Camp

Event: **Integrated Govt. Online Training courses on DIKSHA Platform**
 Date: **19th April 2020**
 Organized By: **Department of Computer Applications under the aegis of NSS,
 Chitkara University, Punjab**
 Faculty Coordinator: **Ms. Vandana, Associate Professor**

Around 110 NSS and some NCC volunteers of Department of Computer Applications under the aegis of NSS, Chitkara University had undergone the online training on COVID-19 during lockdown period as per information received from office of Director of Public Instructions, Punjab. The motivation behind the training courses emerged because large force would be needed to replace the first line workers of COVID-19 and to tackle the exponential or geometric increase in positive COVID -19 cases. So NSS volunteers needs to be trained and the launch of iGOTplatform had been fast forwarded using MoHRD DIKSHA as a host. There were many NSS modules of training like Health Education for home Quarantine, COVID Myths and Facts, Discharge of COVID 19 Patient, Health Education and Precautionary measures related to COVID under which students attained the certificates.

कार्मिक एवं प्रशिक्षण विभाग
DEPARTMENT OF
PERSONNEL & TRAINING

A BIG THANK YOU TO COVID-19 WARRIORS!
The Government is dedicated to equipping all our front line warriors
with capabilities to fight COVID -19 Pandemic

LAUNCHING TODAY

iGOT
Integrated Government Online Training

iGOT Platform is uniquely designed for our

Doctors Nurses Police & Volunteers ANMs, Asha Workers, Anganwaadis
& all others

Containing self-learning guide with all the prevention techniques to fight COVID-19

Log on to <https://igot.gov.in>

THREE SIMPLE STEPS
LOG IN → ACCESS → LEARN

*The platform is compatible with firefox and chrome only
For any query please write to: support@i-got.freshdesk.com

Scan to log in

Follow us on

Poster of iGOT Training

OFFICE OF OFFICER IN-CHARGE
DEPARTMENT OF PERSONNEL & TRAINING

iGOT
Integrated Government Online Training

**FRONT LINE COVID WARRIORS:
WE CARE FOR THE ONES WHO CARE**
Building capabilities to fight the Pandemic better and equipping you (Covid-19 Warriors) to empower the Nation against Pandemic

iGOT Platform is uniquely designed for our

- Doctors
- Nurses
- Police & Volunteers
- ANMs, Aasha Workers, Anganwadis
- & all others

Containing self-learning guide with all the latest prevention techniques

Log on to <https://igot.gov.in>

THREE SIMPLE STEPS
LOG IN → ACCESS → LEARN

*The platform is compatible with firefox and chrome only
For any query please write to: support@i-got.freshdesk.com

Follow us on /

Scan to log on

ACKNOWLEDGEMENT OF COMPLETION

This is to acknowledge that
Nisha Garg
has successfully completed the training
Basics of COVID-19
on **30 April 2020.**

Scan to Verify

ACKNOWLEDGEMENT OF COMPLETION

This is to acknowledge that
Paras Paruthi
has successfully completed the training
Infection Prevention and Control
on **05 May 2020.**

Scan to Verify

Certificates of Completion

1st Empowerment Camp on ‘Prevent IT-Risk Management & Prevention of Antibiotic Resistance

1st July 2019 to 05th July 2019

Faculty Incharge: Dr. Kiranjeet Kaur, Assistant Professor, CSHS

Chitkara School of Health Sciences, in association with Spaak Centre, organised the 1st Empowerment Camp on ‘Prevent IT – Risk Management & Prevention of Antibiotics Resistance’ from July 1-5, 2019. The project is funded by Erasmus+.

Hon’ble Dr. Madhu Chitkara, Vice-Chancellor, Chitkara University; declared the Empowerment Camp open in the presence of 16 International & National consortium partners from Universities, NGOs and Hospitals. Among 874 project proposal designed by universities from four different continents, ‘PREVENT IT’ was among the few 147 granted the project. In addition, the project was ranked among the top 10% proposal of the call.

The main aim of the 5-Day Empowerment Camp is to create awareness regarding antibiotics resistance through the number of dissemination activities over the tenure of the next 3 years and establish Indo-European Network for Antibiotic Resistance.

Day-1, Prof. Preethi Pradhan, Dean, Chitkara School of Health Sciences; presented an overview of the Erasmus+ project to the participants followed by talks from other team members including Dr. Kiranjeet Kaur, Mr. Stephano Greco, Mr. Yaveesh Kashyap, who spoke about different domains of the project, including dissemination and visibility, marketing plan, new and modern teaching module on ABR etc. Also, a multidisciplinary session on, ‘Antimicrobial Resistance in India’ was taken by Dr. Sanjeev K Singh, Medical Superintendent, Amrita School of Medicine; followed by Dr. Preethi Pradhan discussing on ‘Holistic view of Antimicrobial Resistance’.

Partner Universities from India i.e. Symbiosis International University, Manipal Academy of Higher Education, Kalinga Institute of Industrial Technology, Chitkara University, Amrita University Vidyapeetham; partners from Europe’s – Catholic University of Portugal, University of Milan, University of Maastricht; and partners from NGOs – Rural Institute for People Enlightenment & Voluntary Health Association of Tripura, gave their inputs & feedbacks on the draft modules and practices based on Antibiotic Resistance in their respective institutions, which will be further taught to the students of different schools.

As part of the 5-Day Empowerment Camp, a visit to pharmaceutical industry and Fortis Hospital, Mohali; was also organised to understand the view of the healthcare practitioners and pharmaceutical companies on the issue of Antibiotic Resistance and explore its impact in the field. The final day of the camp included intra consortium coordinators Board Meeting and Finance team, to discuss the roadmap of the project going forward, and designing the schedule with a goal to reach out to the maximum number of people on local, regional, national & international level with help of different dissemination and visibility activities.

PREVENT IT is the second Erasmus+ Capacity Building project with an Indian university – Chitkara University as the lead institution. The vision of the project is a future where every individual has appropriate awareness about antibiotics resistance and is empowered with the right education to address the issue of antibiotics resistance. The project also aims to:

- In the Indian context, create the first Indian-European team for risk management and Prevention of antibiotics resistance.
- Create International and Interdisciplinary curricula at Indian Higher Education.
- Institution's on risk management and prevention of antibiotics resistance.
- Create transversal skills, break geographical obstacles and increase accessibility: e-learning, development and dissemination (MOOC courses).
- Invest in young talents: create Indian super-experts with international outlook.
- Spread awareness in the society at large – exploiting new communication channels – and expose students to work environment.





Inaugural Ceremony, PREVENT IT



**SUSTAINABLE
DEVELOPMENT
GOALS**



CHITKARA
UNIVERSITY

Explore **Your** Potential