11 SUSTAINABLE CITIES AND COMMUNITIES

Jul 2024 - Jun 2025

INDEX

			Prototype	
26	CUIET	4-Oct-24	Innovations and Recent Trends in Concrete: Industrial Visit to RMC Plant	53-54
27	CUIET	7-Oct-24	Exploring Recent Trends and Innovations: A Site Visit to the 40MLD CETP L&T Construction	55-56
28	CCHM(IHM)	7-Oct-24	Swachhta Pakhwada	57-58
29	ECE	8-Oct-24	2nd International Conference on Emerging Technology and Sustainable Solutions	59-60
30	CSPA	10-Oct-24	Fundamentals of Designing in Hills	61-62
31	ECE	14-Oct-24	Electronics Bootcamp	63-65
32	CSPA	22-Oct-24	Urban Talks series Titled "Critical Thinking in Urban Village Development: Planning Challenges and Pathways for Chandigarh	66-67
33	CUIET (AE)	24-Oct-24	UN Day Celebration	68-69
34	CBS	24-Oct-24	Sustainability Fete	70-71
35	Department of Education	24-Oct-24	LET'S GET SET ...GO....TO THE SUSTAINABILITY FAIR	72-73
36	CSPA	24-Oct-24	UN Day Celebration	74-75
37	CSE	24-Oct-24	Sustainability Fair	76-87
38	CES	24-Oct-24	UN DAY 2024 CELEBRATIONS	88-96
39	CLS	25-Oct-24	Rangoli Competition and Diwali Celebration	97-98
40	CBS	25-Oct-24	Sustainable Spark-Diwali with an Eco Twist(A sustainable Diwali Decoration Competition)	99-101
41	Department of Applied Science	5-Nov-24	Expert Talk On Hands on Workshop on Innovative Multiple Integral and Curve Tracing	102-104
42	CEED/ICC	7-Nov-24	Impact and Innovation: Sustainable Solutions for Tomorrow	105-108
43	ECE	8-Nov-24	Design Tech Expo: Design Thinking Principles for Prototype Development	109-111
44	CSPA	22-Nov-24	One-day Workshop on Lintels and Arches: Design, Application, and Construction Techniques.	112-113
45	CBS	22-Nov-24	Global HR Conclave- Reimagining Global HR in the BANI World	114-115
46	ECE	26-Nov-24	Aerial Mobility: Navigating the Challenges and Opportunities of eVTOL	116-118
47	CSPA	26-Nov-24	Two-Day Workshop on CONSERVING BUILT HERITAGE: ROLE OF CULTURAL VALUES AND SIGNIFICANCE	119-120
48	ECE	3-Dec-24	Innovative Solutions with Arduino: A Showcase of Creativity and Technology	121-123

49	CSPA	9-Dec-24	5-days Capacity Building Workshop on "Developing Skills to Re- imagine Urban Villages	124-126
50	CSPA	9-Dec-24	**Sensitization Talk by our esteemed alumna Alumni Ar. Mitesha**	127
51	CSPA	12-Dec-24	**Pioneering Urban Futures: Innovative Thesis Solutions to Contemporary Urban Challenges**	128-129
52	CBS	13-Dec-24	National Business Conclave 2024 - "Digital Governance for Sustainable Tomorrow: Leadership Connect	130-131
53	CBS	16-Dec-24	BIZ BUZZ QUIZ "Test Your Business IQ	132-133
54	ECE	19-Dec-24	Visionary Pathways: A Symposium on Innovation, Technology, and Research	134-136
55	ECE	23-Dec-24	Tech Fusion A Display of Creativity with Arduino and Linux	137-139
56	CCHM(IHM)	6-Jan-25	5 Day FDP on Reimagining Indian Sweets	140-141
57	ECE	15-Jan-25	Workshop on EMBEDDED INTELLIGENCE: THE CORE OF CPS	142-144
58	CURIN	23-Jan-25	**Revolutionizing healthcare with next generation**	145-147
59	CDS	27-Jan-25	Happiness Blueprint	148-149
60	CDS	27-Jan-25	**Innovation in Digital Experience Strategy and Envisioning Design Sprint Hackathon**	150-152
61	OSA	29-Jan-25	Tree Plantation Drive	153-155
62	CCHM(IHM)	30-Jan-25	Innovative Trashformers: Trash to Treasure	156-158
63	CRIO/DRC	8-Feb-25	**International Conference on Mental Health, Hygiene and Nutritional Literacy among Youth**	159-161
64	CCHM(IHM)	20-Feb-25	Experience the Flavours of East	162-166
65	CDS	20-Feb-25	Fashion Careers	167
66	CDS	21-Feb-25	Innovation in Denim Jeans for Fashion Future	168-170
67	CDS	24-Feb-25	Branding Your Story	171-173
68	CSPA	3-Mar-25	Environmental Sustainability and Green Technologies	174-175
69	CUIET (AE)	6-Mar-25	Symposium on Electric and Autonomous Vehicles (SEAV) 2025	176-182
70	Department of Education	7-Mar-25	Ecofriendly Practices :Kabaad Se Jugaad	183
71	CSPA	18-Mar-25	Professor of Practice: Conscious Luxury Design	184-185
72	CSHS/Allied Health Sciences	21-Mar-25	World Down Syndrome Day Together We Move: Physiotherapy Camp	186-187
73	CSPC	22-Mar-25	WORLD WATER DAY 2025	188-189
74	CUIET(AE)	24-Mar-25	NEXT-GEN WATERPROOFING AND SMART BUILDING MATERIALS: INNOVATIONS FOR SUSTAINABLE STRUCTURES	190-191

95	DICE	01-Oct-24	Expert Talk on Design Thinking: Smart Systems and Sustainable Solutions	243-245
96	DICE	03-Oct-24	Innovate and create with Arduino: From concept to prototype	246-247
97	DICE	21-Oct-24	Web Development Technologies - A stride towards Innovation	248-250
98	DICE	09-Dec-24	DICE Technovision 3.0	251-253

Event Name	
Topic	Revit Modelling: Mastering Creative Blueprint
Date	03-05 July 2024
Venue	Pierre Hall, Le Corbusier Block, CSPA
Organizer	Chikara School of Planning and Architecture
Resource Person	Ar. Soma Banik
No. of Participants	80
SDG No.	SDG- 4, 9, 11

An interesting workshop titled 'Revit Modelling: Mastering Creative Blueprint' workshop for 7th Sem students was organised from 03-05 July 2024. The resource person Ar. Soma Banik, BIM Specialist - Architecture, from Capricot - An Arkance Company, New Delhi, focused on advanced Revit techniques, high-quality construction drawings, and error-free execution. Thirty-four students participated actively, gaining a deeper understanding of Revit's capabilities. They engaged in hands-on exercises, learned best practices, and improved their project management skills. The workshop successfully enhanced the students' proficiency in Revit. It provided advanced Revit training, fostering innovation in architectural design and construction management. The hands-on approach ensured practical learning, bridging the gap between academia and industry.

Event Name: -	World Population Day
Venue: -	Explore Stars Hall, Near Bloom Block
Date: -	11th July, 2024
SDG Number, Name and NEP: -	4-Quality Education, 11-Sustainable Cities and Communities, 13-Climate Action NEP-1
Organized By: -	National Service Scheme, Chitkara University, Punjab
Number of Attendees: -	
Duration: -	One Day

"The wealth of a nation lies in its people."

Commemorating **World Population Day** on **11 July 2024**, the National Service Scheme, Chitkara University, Punjab, hosted a riveting Debate and Declamation Competition.

Participants from various departments presented their oratory prowess. The event served as a platform for students to voice their perspectives on critical issues that are shaping the world today. Population growth, while often seen as a challenge, was debated as a potential asset as well. Students argued passionately about how a nation's population could either be a burden or a strength, depending on the resources, policies, and opportunities available.

The topics ranged from discussions about the strain on natural resources due to overpopulation, to the potential benefits of a youthful, energetic workforce that can drive innovation and economic growth. The debates also touched upon pressing concerns such as family planning, healthcare, and education, exploring how these sectors are intertwined with the population's growth and development. Participants presented data, research, and personal insights, making the competition not just an academic exercise, but a meaningful conversation about the future.

As the competition concluded, champions emerged with their words echoing like melodies in the wind. However, the essence of the day wasn't just in winning or losing—it was in the shared realization that every individual has a role to play in shaping society. Each participant contributed to a broader understanding of how population dynamics influence national and global progress. In reflection, the students reaffirmed that a nation's true richness indeed lies in the boundless potential and determination of its people. It is this human capital that will ultimately determine the fate of a nation, proving that, beyond numbers, it's the quality, education, and vision of people that create lasting wealth.


National Service Scheme
Organises
WORLD
POPULATION
DAY
Theme: "Sustainable Population Growth for a Sustainable Future"
11th July, 2024


National Service Scheme
Organises
WORLD
POPULATION
DAY
Theme: "Sustainable Population Growth for a Sustainable Future"
11th July, 2024


CHITKARA UNIVERSITY
National Service Scheme
Organises
WORLD
POPULATION
DAY
Theme: "Sustainable Population Growth for a Sustainable Future"
11th July, 2024


CHITKARA UNIVERSITY
National Service Scheme
Organises
WORLD
POPULATION
DAY
Theme: "Sustainable Population Growth for a Sustainable Future"
11th July, 2024

Event Name	Paper Bag Making Workshop
Date	12.07.2024
Venue	Photography Studio, 2nd floor, Picasso Block.
Organizer	Department of Communication Design, Chitkara Design School.
Resource Person	Prof. Manpal Setia, Dean, Dept. of Communication Design, Chitkara Design School.
Total number of students attended	17
SDGs Covered	SDG 4 (Quality Education), SDG 11 (Sustainable Cities and Communities) and SDG 12 (Responsible Consumption and Production)
Duration	2 hours

About the activity

On 12.07.2024, the Department of Communication Design, conducted an engaging and eco-friendly paper bag making workshop to celebrate World Paper Bag Day. Led by Prof. Manpal Setia, the workshop provided hands-on demonstrations and guidance on crafting paper bags using only reused paper materials.

The event emphasized the importance of sustainability and creativity, showcasing how simple materials can be transformed into functional and environmentally friendly products. Participants left with a sense of accomplishment and a deeper understanding of the impact of reusing and recycling.

Objectives

This workshop aims to educate participants on the vital importance of sustainability, emphasizing the role recycling plays in protecting the environment. Through practical demonstrations, attendees will learn how to create durable paper bags using reused materials, providing hands-on experience with eco-friendly alternatives. The workshop will also encourage creativity and innovation by inspiring participants to repurpose everyday items in new and imaginative ways. By working together on these projects, a sense of community and collaboration will be fostered, allowing participants to share ideas and skills. Additionally, the

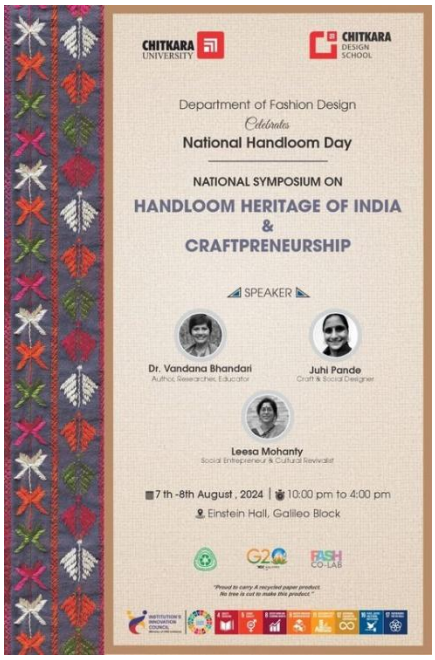
workshop will raise awareness about the significance of World Paper Bag Day, highlighting the need to reduce single-use plastic and promote reusable options like paper bags.

Outcomes

Participants gained valuable hands-on experience in making paper bags, learning practical skills they can apply beyond the workshop. The event also heightened their awareness of sustainable practices and the benefits of recycling, encouraging more eco-conscious choices in daily life. Through the creative use of reused materials, participants enhanced their resourcefulness while exploring new ways to repurpose everyday items. Collaborative activities fostered stronger community bonds, bringing people together around a shared goal of sustainability. Ultimately, participants left the workshop with both a tangible product and the knowledge needed to continue sustainable practices in their own lives.

Event Name	National Symposium on Handloom Heritage of India & Craftpreneurship
Date	07.08.2024 – 08.08.2024
Venue	Einstein hall, Galileo block
Organizer	Department of Fashion Design, Chitkara Design School
Resource Person	Dr. Vandana Bhandari, Author, Researcher, and Educator Ms. Juhi Pande, Craft and Social Designer Leesa Mohanty, a Social Entrepreneur and Cultural Revivalist
Number of Participants	48
SDGs Covered	4,5,8,9,11,12,16,17
Duration	2 Days (14 HRS)

About the Activity



The Department of Fashion Design, Chitkara Design School, celebrated the National Handloom Day by hosting a National Symposium on the Handloom Heritage of India & Craft Preneurship. The symposium featured an inspiring lineup of distinguished speakers, including Dr. Vandana Bhandari, an esteemed author, researcher, and educator with extensive knowledge of Indian textiles; Juhi Pande, a visionary craft and social designer dedicated to blending traditional techniques with contemporary design; and Leesa Mohanty, a passionate social entrepreneur and cultural revivalist committed to preserving and promoting India's handloom heritage. Artisans from Meher Baba Trust and Subtera Trust gave live demonstrations, and their products were exhibited.

Objectives of the event

To develop understanding about sustainability in the textile and handloom industry.

Outcome or Key take away from the event

Students will develop understanding about sustainable practices in design and get a direction to work in this area.


GPS Map Cam
Patiala, Punjab, India
GM85+873, Punjab 140417, India
Lat 30.515801°
Long 76.659059°
08/08/24 10:50 AM GMT +05:30


National Handloom Day
HANDLOOM HERITAGE OF INDIA & CRAFTPRENEURSHIP
GPS Map Camera
Patiala, Punjab, India
GM85+HQ6 Newton Block, Patiala, Punjab 140417, India
Lat 30.515827°
Long 76.659068°
07/08/24 03:40 PM GMT +05:30
Google


GPS Map Camera
Patiala, Punjab, India
GM85+873, Punjab 140417, India
Lat 30.515807°
Long 76.659054°
08/08/24 10:42 AM GMT +05:30
Google

Event Name	Co-Curricular Activities Report – Master Cybersecurity
Date	14th August 2024
Venue	Online
Organizer	CDOE
Resource Person	Mr. Jasper Fortuin
Number of Participants	75
SDGsCovered	4, 11
Duration	1 days

About the Activity

On 14th August 2024, an online Master Class titled "Key Aspects of Cybersecurity" was organized by CDOE, with 75 participants in attendance. Led by Mr. Jasper Fortuin, the session focused on educating learners about the critical components of cybersecurity. Mr. Fortuin discussed essential strategies for safeguarding systems and preventing data breaches, providing insights into the growing importance of robust digital defences. Additionally, participants received valuable advice on navigating the complexities of today's rapidly evolving digital landscape, with an emphasis on practical steps for enhancing security measures. This one-day session contributed to raising awareness about cybersecurity, aligning with the Sustainable Development Goals (SDGs) related to innovation and infrastructure, and promoting responsible use of technology.

Event Name: -	Snehil Prayas-Donation Drive
Venue: -	Chitkara School of Hospitality, Escoffier Block
Date: -	18th August, 2024
SDG Number, Name and NEP: -	1: No Poverty, 4: Quality Education, 10: Reduced Inequalities, 11: Sustainable cities and communities, 17: Partnerships for the goals, NEP: - 1
Organized By: -	National Service Scheme, Chitkara University, Punjab
Number of Participants: -	16
Duration: -	One Day

Chitkara School of Hospitality in collaboration with Chitkara College of Hospitality management and National Service Scheme, Chitkara University, Punjab organised a donation drive Sanehil Prayas on 18th August 2024 from 9 am onwards at Library, 1st floor, Escoffier block. The drive started from 1st august and was coordinated by Mr Sushil Kumar Sharma, Librarian, Hospitality department. The donation drive was aimed to address community needs and providing students and faculty with valuable experience in organizing such events. The initiative will not only benefit residents of our adopted villages but also fostered a strong sense of community and responsibility among participants.

Event Details	
Event Name	DEEKSHARAMBH- Student Induction Programme
Topic	Orientation Programme for B.Sc. Nursing and B.Sc. Nursing (Post Basic) M.Sc. Nursing 1st Year
Date	19th August, 2024- 23rd August 2024
Time	09:00 AM- 4:00PM
Mode	Offline
Venue	Galileo Block 203
Organizer Name	Ms. Anjali, Ms. Priya, Ms. Dimple, Ms. Shalini
No. of Participants	67
SDG No	SDG: 3,4,11

Objective

1. To make students familiar with the institution regulation and academic standards.
2. To learn about the institutional members and department that will help student succeed.
3. To develop essential skills such as personal development, emotional balance, problem solving and team work

Description

Department of Nursing, CSHS organized DEEKSHARAMBH- Student Induction Programme for B.Sc. Nursing and B.Sc. Nursing (Post Basic) from 19thAugust, 2024-23rdAugust, 2024 and 6th September, 2024. Orientation programme aimed at enhancing student familiarity with university campus, faculties and infrastructure. On 1st day the Orientation Programme started with departmental and campus orientation. On 2nd day, Dr Harmeet Kaur Kang, Principal and Director, Department of Nursing, CSHS talked about department academic delivery and engagement. Dr Kanika Rai,Vice-Principal, Department of Nursing, CSHS shed light on curriculum and evaluation process for B.Sc. Nursing Students. Programme was followed by Faculty introduction by all the faculty members of the Department of Nursing. On 3rd day, to create awareness regarding happiness and skill verses courses running in the university by Mr. Manav Bansal, Chief Happiness Officer,Centre of Happiness talked about happiness courses and skills that are available for the students in the

campus. Sqn (Ldr) Dr. Rina Angel, Vice President Infrastructure Enhancement, Chairperson |Centre of Excellence for Sustainability talked about the practice of meeting current needs without compromising the ability of future generation to meet their own, balancing environment, economic and social factors. On 4th day Mr. Viney Khurana, Director, Professional Development Centre, discussed about the passion with dedication, settings and achieving meaningful goals and continuously striving for personal and professional growth in successful life. On the 5th day, Ms. Sonali Katoch and Ms. Anjali , Nursing Tutor, Department of Nursing, organized a sports day to indulge sportsmanship and team spirit among students, encouraged active participation in sports and to promote physical health.

An insightful session on sustainability was conducted by Sqn Ldr (Dr.) Rina Angel, Vice President Infrastructure Enhancement, Chairperson |Centre of Excellence for Sustainability and another session was conducted by Mr. Manav Bansal to raise awareness on happiness and Skill verse courses for the students on 21st Aug, 2024

Mr. Viney Khurana, Director, Professional Development Centre, discussed about the passion with dedication and strategies to enhance personal and professional growth in successful life on 22nd Aug 2024

A full day was dedicated to sports for the students, and they thoroughly enjoyed the experience on 23rd Aug, 2024

During the induction program Dr. Harmeet Kaur Kang, Principal & Director addressed the students regarding academics in department of Nursing. For the university rules and regulations were addressed by Lt. Col. Rakesh Sharma, Director, University Affairs"

Dr. Neelam Verma, Dean, Office of Student Affairs addressed the students about the various clubs in the campus and Ms. Amritpal, Assistant Director, Office of International Affairs talked about International opportunities at the campus

Mr. Manav Bansal, Chief Happiness Officer, talked about the happiness and skill verse courses

Dr. Tapan Arora, Head of Radiation Oncology talked about the clinical and bed side exposure opportunities in Home Bhabha Hospital

Outcome

- Students got familiar with the layout of the campus, available resources.
- The programme fostered a sense of belonging by introducing students to their peers, faculty.
- Students were informed about the institutions rules, regulations ensuring that they start their academic journey with clear expectations.

Event Details	
Event Name	Expert Talk
Topic	Corporate Engagement - Making a Difference Beyond Classroom
Date	2024 - 08 - 28 to 2024 - 08 - 28
Mode	Offline
Venue	LH- 503
Organizer Name	Dr. Deepak Sood , Dr. Reena Malik , Dr. Sandeep Singh
Resource Person	Mr. Yogesh Mehta |Head of Sales , Tricity
No. of Participants	84
SDG No	SDG 4,9,11

Objective

1. To develop and implement programs that integrate real - world business scenarios into academic curricular.
2. To analyze successful examples of corporate engagement that have positively impacted students, businesses , and communities.
3. To assess the effectiveness and impact of corporate engagement initiatives on students ' learning outcomes .
4. To gain insights into best practices for establishing relationships between academia and the corporate sector .

Description

In this dynamic session , participants explored the transformative power of corporate engagement in education and how it extends learning beyond the traditional classroom . Attendees discovered innovative strategies to forge meaningful partnerships between academia and the corporate world , creating a symbiotic relationship that benefits students , educators , and businesses alike . Participants learned how to design and implement programs that integrate real - world business challenges into academic curricula , providing students with practical , hands - on experiences that enhance their employability and readiness for the workforce . The session also highlighted successful case studies of corporate engagement , showcasing how companies can contribute to societal impact while fostering talent development .

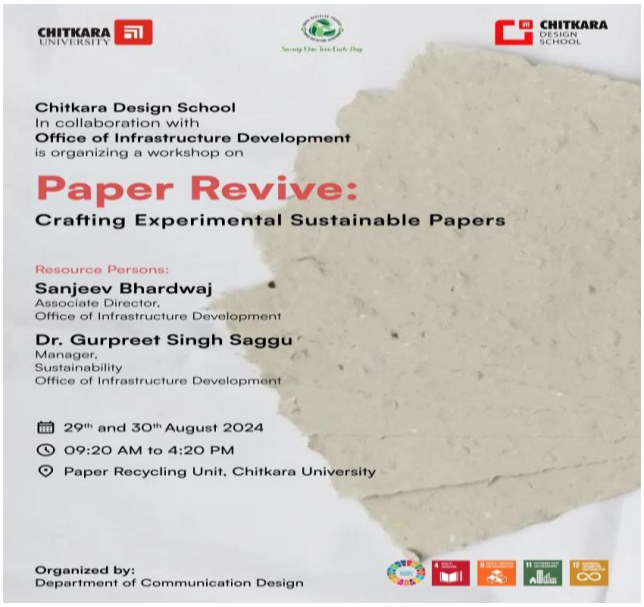
Through interactive discussions and collaborative exercises , attendees gained insights into the best practices for building and sustaining corporate partnerships , as well as how to measure the impact of these initiatives on both students and the broader community .

Outcomes

1. Participants developed an understanding of how corporate partnerships can enrich educational experiences .
2. Attendees acquired actionable strategies and frameworks for integrating corporate engagement into their educational programs .
3. Attendees will be able to develop sustainable engagement models that provide value to both academic institutions and partners overtime
4. Participants may connect with like - minded professionals , fostering collaboration opportunities for future.

Event Name	Paper Revive: Crafting Experimental Sustainable Papers
Date	29.08.2024 & 30.08.2024
Venue	Paper Recycling Unit, Chitkara University
Organizer	Dept. of Communication Design, Chitkara Design School in collaboration with Office of Infrastructure Development
Resource Person	Mr. Sanjeev Bhardwaj (Associate Director, Office of Infrastructure Development) Dr. Gurpreet Singh Saggu (Manager- Sustainability, Office of Infrastructure Development)
Number of students	35
SDGs Covered	SDG 4 (Quality Education), SDG 9 (Industry, Innovation and Infrastructure), SDG 11 (Sustainable Cities and Communities) and SDG 12 (Responsible Consumption and Production)
Duration	12 hours

About the Activity



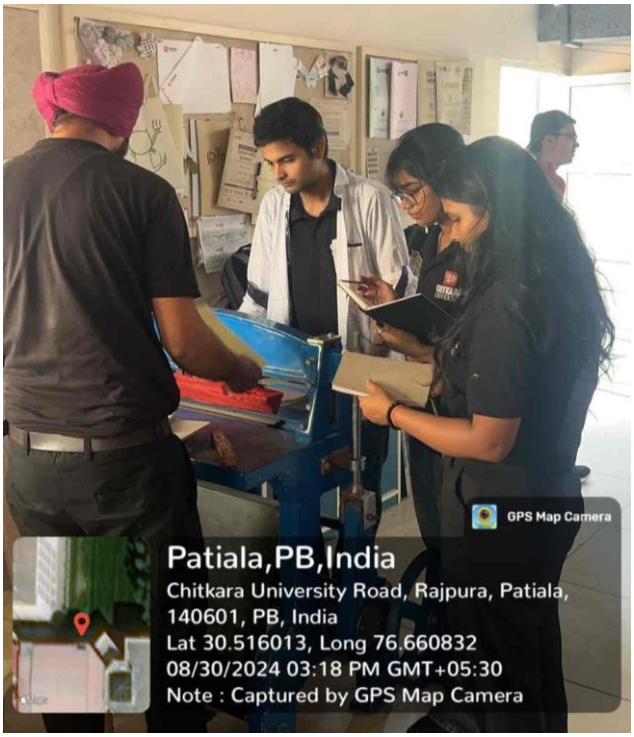
The Department of Communication Design at Chitkara Design School organized a workshop titled **Paper Revive: Crafting Experimental Sustainable Papers** on 29.08.2024 & 30.08.2024. Held at the paper recycling unit of Chitkara University, the workshop was led by Mr. Sanjeev Bhardwaj and Dr. Gurpreet Singh Saggu. During the workshop, participants learned the intricacies of paper making and recycling, guided by the resource persons. Students had the opportunity to create their own papers, exploring innovative techniques and sustainable practices. The workshop emphasized the importance of sustainability in design, encouraging students to consider eco-friendly alternatives in their creative processes.

Objectives

The program aims to introduce students to the fundamental techniques of paper making and recycling, promoting sustainable practices in design through hands-on experience. By encouraging creativity and experimentation, the initiative inspires students to craft unique, eco-friendly papers. Additionally, the program raises awareness about the environmental impact of paper production and the importance of recycling, fostering a sense of responsibility among students. It also encourages collaboration between students and experts in exploring innovative sustainable design solutions, further enriching their learning experience and commitment to eco-conscious practices..

Outcomes

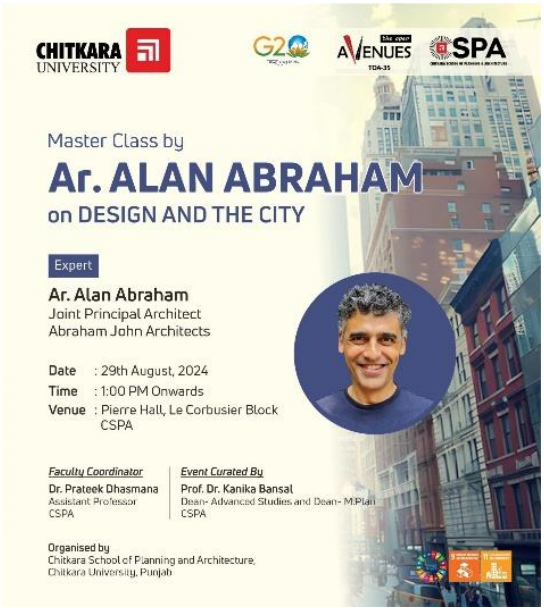
Throughout the workshop, students gained practical skills in paper making and recycling techniques, allowing them to create their own sustainable paper products that demonstrated innovative use of recycled materials. This hands-on experience deepened their understanding of the critical role sustainability plays in design practices. Participants were inspired to incorporate eco-friendly approaches in their future design projects, fostering a commitment to environmentally conscious creation. Additionally, the workshop enhanced students' awareness of the environmental benefits of recycling and sustainable production methods, equipping them with the knowledge and motivation to promote sustainability in their work.




GPS Map Camera
Patiala,PB,India
Chitkara University Road, Rajpura, Patiala, 140601, PB, India
Lat 30.516065, Long 76.660840
08/30/2024 03:18 PM GMT+05:30
Note : Captured by GPS Map Camera


PAPER RECYCLING PLANT
GPS Map Camera
Patiala,PB,India
Chitkara University Road, Rajpura, Patiala, 140601, PB, India
Lat 30.515919, Long 76.660854
08/30/2024 03:26 PM GMT+05:30
Note : Captured by GPS Map Camera

Event Name	Masterclass
Topic	Design and the City
Date	29 August 2024
Venue	Pierre Hall, Le Corbusier Block
Organizer	Chikara School of Planning and Architecture
Resource Person	Ar. Alan Abraham
No. of Participants	95
SDG No.	SDG- 9, 11



The Open Avenues' series latest masterclass, held on August 29, 2024, at Pierre Hall, Le Corbusier Block, Chitkara University, focused on the topic "Design and the City". This enlightening session, led by Ar. Alan Abraham, Joint Principal Architect at Abraham John Architects, delved into the intricacies of urban design and its impact on bustling cities like Mumbai. Ar. Abraham expertly navigated the complexities of city life, highlighting the interplay between architectural innovation and urban living. The session provided a comprehensive view of designing cities that balance functionality and aesthetic appeal. With insightful examples from Mumbai's dynamic urban landscape, participants gained a deeper understanding of thoughtful design's role in shaping vibrant and sustainable urban environments. The masterclass was a valuable learning opportunity, leaving a lasting impact on all who attended.

Report on Seminar

Chitkara College of Pharmacy, Chitkara University, Punjab conducted a National Seminar on **Industry-Academia Collaboration for Water Security on** August 31, 2024.

Prof. Narinder Singh has a PhD from GNDU and postdoctoral research at Osaka City University, Japan, followed by positions at Yonsei University, Korea, and Robert Gordon University, Scotland, UK. In 2009, he joined the Indian Institute of Technology Ropar (IIT Ropar) and is currently a Professor of Chemistry there. He served as the Department Chair from October 2011 to March 2015 and later as the Chair for the GATE Exam. Dr. Singh's research focuses on the synthesis of organic materials for chemosensors and engineering applications. He has completed numerous national and international projects. His prolific research output includes 335 papers published in international peer-reviewed journals, predominantly in the Royal Chemical Society and American Chemical Society publications. Additionally, he has mentored 18 PhD students, 5 postdoctoral fellows, and numerous MSc students.

Prof. Singh talked about the existing challenges of the 21st century from industrial, domestic, and agricultural waste which contribute to water pollution in abundance. He demonstrated advancements in nanoscale science and engineering that offer promising solutions to improve water quality. Innovations such as nanosorbents, nanocatalysts, bioactive nanoparticles, nanostructured catalytic membranes, and nanoparticle-enhanced filtration systems. He also elaborated the work of his research team in developing nanotechnology-derived products that have the potential to tackle various water contamination issues effectively. The nanomaterials act as high-capacity, recyclable ligands for toxic metal ions, radionuclides, and both organic and inorganic solutes and anions in aqueous solutions which provide a robust and sustainable approach to water purification. Prof. Singh also presented the role of nanomaterials in water purification and quality monitoring for both industrial and public water supplies which significantly mitigate the adverse impacts of water pollution and move towards a cleaner and safer aquatic system.

Prof.(Dr) Manmohan Chhibber is heading the Department of Chemistry and is also In charge of Sophisticated Analytical Instruments Laboratories in Thapar Institute of Engineering & Technology. He completed his PhD at Panjab University, Chandigarh, and Post Doc at IISc., Bangalore. Dr Chhibber has rich experience of the quality control unit of the Industry. He accomplished five projects sponsored by UGC, DST, DBT & BRNS. Under

his guidance, 7 scholars completed their PhD. To further enhance the research collaboration, he visited Trinity College Dublin, Ireland, University of Queensland.

Prof. Chhibber deliberated about Water Security - its understanding, multifaceted challenges & mitigation. Because water security is a crucial aspect of sustainable development, that involves ensuring that all individuals have access to sufficient, safe, and affordable water for various needs, while also maintaining the resilience of water systems against natural and human-induced challenges so he talked about its multifaceted challenges that compromise not only its quantity and quality but also the socio-economic and environmental impact. Dr Chhibber also emphasized mitigation strategies which are essential for enhancing water security, and innovative approaches such as integrated water resource management (IWRM), the adoption of new technologies for water conservation and purification, and suggestions for the implementation of robust policies and governance frameworks.

Dr Rajeev Kumar, Chairperson at the Department of Environment Studies, Panjab University, Chandigarh, is among the 2% scientists in the World ranking in the field of Environment Science (2022-23). He obtained his Ph.D degree in Chemistry from the Department of Chemistry, Panjab University, Chandigarh. His research work focused on the eco-friendly removal of environmental pollutants, specifically on the fungal remediation of recalcitrant compounds. Dr. Kumar is the recipient of research awards from the different funding agencies of the Government of India *viz.* Science and Engineering Research Board (SERB)- a statutory body of the Department of Science & Technology (DST) and University Grants Commission (UGC) for his research endeavors. He has also been the Project Director of the Indo-US Partnership on Green Chemistry/Engineering and Technologies Education, Research, and Outreach for Sustainable Development funded by UGC and the Ministry for Human Resource and Development (MHRD), India. He has published 72 International research papers in with more than 180 citations in the journal of international repute making his H-index of 24. Dr. Rajeev Kumar has visited several countries for his research work and has International collaborators from various countries including USA, Israel, Singapore, Vietnam, and Australia.

Dr. Kumar discussed sustainable development through the Green Synthesis of Nanomaterials to reduce the toxicity caused by chemical methods. There are extensive anthropogenic activities in the environment which has dragged the attention of researchers towards the mitigation measures in which a significant section is occupied by the nanomaterials. His research team has compared the Fe_3O_4 Nps synthesised by using scraps of naturally corroded

iron i.e. iron rust against Fe_3O_4 NPs synthesised by chemical precipitation method. The toxicity evaluation of well characterized Nps clearly demarcates the non-toxic nature of naturally derived Nps on bacterial population of *S. typhi*, *P. aeruginosa* and *E. coli* and fungal strain of *Laurilia taxodi*. The findings of this piece of work reveal that contrary to the chemical method, the naturally obtained NPs are environment-friendly, economically viable, and non-toxic.

Prof.(Dr.) Thakur Gurjeet Singh, Dean - CCP facilitated the guest speakers and encouraged the students & researchers to interact with the distinguished speakers on various aspects of water security for sustainable development in Pharmaceutical industries. In the end, Prof,(Dr.) Ashutosh Mishra, Dean, of Journalism & Mass Communication conducted a panel discussion with all the experts along with conveners - Prof.(Dr) Jyotsna Kaushal & Dr. Gagandeep Singh on WATER SECURITY which was later broadcast on Chitkara FM 107.8 to the surrounding community.

Detail of the Event/Session	
Date of the Session	01-Sep to 15-Sep
Name of the Event/Session/Workshop	SWACHHATA ABHIYAAN (SWACHHATA PAKHWARA)
Organised by	Office of Administration
Resource Persons	Five Panel of Judges (15)
Trainee Team/Count	Support Staff/Teaching & Non-Teaching Staff (150+)
SDG Covered	11

Introduction

In alignment with the Swachh Bharat Mission, Chitkara University office of Administration organised a competition titled "SWACHATA KI ORE EK KADAM AUR" to encourage its academic departments to enhance the cleanliness of their academic venues, including classrooms, laboratories, offices, storerooms, and libraries. The competition ran from September 1 to September 15, 2024, and involved a comprehensive inspection by a panel of judges.

Participation and Inspection

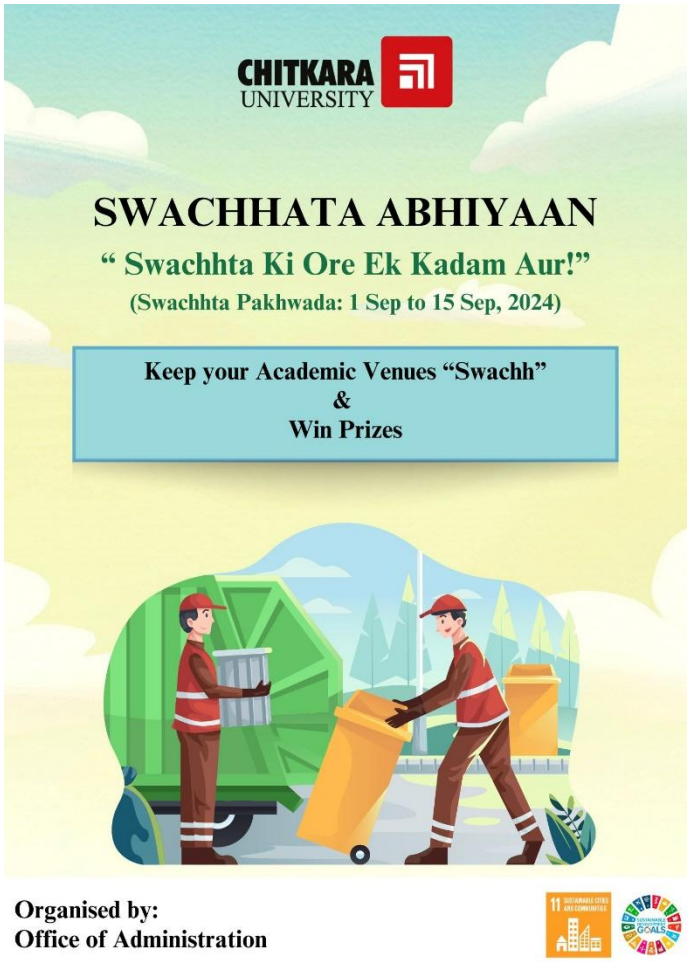
Various academic departments participated enthusiastically, each striving to present their venues in the best possible condition. The inspection included:

JUDGES DETAIL	
Team A	Mr. Gopal Garg Mr. Manav Bansal Ar. Shikha Gupta
Team B	Dr. Neelam Verma Mr. Jasdev Bhatti Mr. Gurupal Singh
Team C	Mr. Swaranjeet Sidhu Mr. Sachin Bhogal Mr. Vidyut
Team D	SE Kulbir Singh Ms. Charanjeet Kaur Mr. Jaswinder Pal Singh
Team E	Wg. Cdr R.A. Kumar Mr. Harbans Singh Mr. Ajay Shah

- Classrooms: Assessment of cleanliness, organization of furniture, and overall environment conducive to learning.
- Laboratories: Evaluation of cleanliness, safety protocols, and proper storage of materials.
- Offices: Review of neatness, document organization, and workspaces.

- Storerooms: Checking for orderliness and proper labelling of items & cleanliness.
- Libraries: Evaluation of cleanliness, organization of books, and study areas.

The panel of judges comprised various faculty members and administrative staff who meticulously reviewed each venue based on predefined criteria.



Outcomes

The results for this competition were declared in Event October 14, 2024, based on the inspections. The outcomes were as follows:

Recommendations

Based on the competition outcomes, the following recommendations were made:

- Regular Maintenance: Departments should establish regular cleaning schedules to maintain the cleanliness achieved during the competition.
- Awareness Programs: Conduct workshops and awareness programs to emphasize the importance of cleanliness and hygiene in academic spaces.
- Sustainability Practices: Encourage departments to adopt sustainable practices, such as recycling and waste segregation, to enhance their cleanliness efforts.

Conclusion

The "SWACHATA KI ORE EK KADAM AUR" competition successfully fostered a culture of cleanliness and responsibility among the various departments at Chitkara University. The positive outcomes reflect the commitment of faculty and students of Chitkara University maintaining a hygienic and conducive academic environment. Continuous efforts in this direction will ensure that the university remains a clean and inspiring place for learning and growth.

Acknowledgments

The Office of Administration extends its gratitude to all participating departments and the panel of judges for their dedication and effort in making this competition a success. Together, we take a step towards a cleaner and greener campus.

Title: **Building a Startup from Zero: Mindset and Strategies**		
1	**Type of Activity**	Level-1 Activity
2	**PROGRAM THEME (KEYWORDS)**	**Building a Startup from Zero: Mindset and Strategies**
3	**LINK (Pre Link)**	https://www.facebook.com/share/p/1A9SRSFkg3/
	LINK (Post Link)	
4	**Program Type**	Knowledge Session
	Nomenclature	Expert Talk
	Duration of the activity	**120 Minutes**
5	**Description of the event not more than 100 words (Final Report)**	
	The session provided students, budding entrepreneurs, and innovators with actionable insights into transforming ideas into market-ready products. CEED organized an engaging session on *"Building a Startup from Zero – Mindset and Strategies"* with Mr. Samrath Singh Nagpal, Founder of Easyrugs, on April 9, 2025. The session focused on cultivating entrepreneurial mindset, identifying real-world problems, building MVPs, and using lean startup principles to transform ideas into actionable business models. Attendees gained practical insights into startup execution, market validation, and early-stage traction, making it a valuable learning experience for budding entrepreneurs and student startups.	
6	**Kindly justify the activity conducted by your respective department will fit as IIC event (Point No 2 should be taken care of-Maximum 100 words).**	
	The session aligns with the IIC's objective of promoting innovation and entrepreneurship by equipping students with practical strategies to build startups from scratch. It offered hands-on knowledge on lean methodology, problem-solving, and early market testing, fostering a spirit of innovation. The speaker's real-life entrepreneurial journey served as an inspirational case study, encouraging students to take initiative in converting their ideas into viable ventures.	
7	**Start and End date of the event:** 09/04/2025 to 09/04/2025	

8	**Mention minimum number of students (Event):** 150
9	**Mention minimum number faculty (Event):** 3
10	**Objective of the event in 3 words (90 Characters) only:** Inspire. Innovate. Execute.
11	**Benefit of the activity in 5 words (120 Characters) only:** Entrepreneurial thinking, startup strategies, MVP building, lean validation, resource optimization.
12	**SDG Covered-SDG1,SDG11**
13	**SPACE FOR PHOTOGRAPHS**

Flyer Photograph (<2MB)

Photographs with Speaker/Students (<2MB)

Photographs with Speaker/Students (<2MB

Photographs with Speaker/Students (<2MB

	
Note	
Name of Department:	**CEED**
Name of Organiser with Mail ID & Contact Number:	Yuvraj Vashishth & 9815090630 yuvraj.vashishth@chitkara.edu.in
Resource Person Details:	
Name:	**Samrath Singh Nagpal**
Designation:	**Founder**
Organization:	**Easyrugs**
Mail ID:	**N/A**
Contact No.	**N/A**

Event Details	
Event Name	DEEKSHARAMBH- Student Induction Programme
Topic	Orientation Programme for B.Sc. Nursing and B.Sc. Nursing (Post Basic) M.Sc. Nursing 1st Year
Date	19th August, 2024- 23rd August 2024 6th September, 2024
Time	09:00 AM- 4:00PM 10:30 AM - 12:30 PM
Mode	Offline
Venue	Galileo Block 203 Exploretorium
Organizer Name	Ms. Anjali, Ms. Priya, Ms. Dimple, Ms. Shalini
No. of Participants	67
SDG No	SDG:3Good Health and Well being),4 (Quality Education),11(Sustainable cities and communities)

Objective

1. To make students familiar with the institution regulation and academic standards.
2. To learn about the institutional members and department that will help student succeed.
3. To develop essential skills such as personal development, emotional balance, problem solving and team work

Description

Department of Nursing, CSHS organized DEEKSHARAMBH- Student Induction Programme for B.Sc. Nursing and B.Sc. Nursing (Post Basic) from 19thAugust, 2024-23rdAugust, 2024 and 6th September, 2024. Orientation programme aimed at enhancing student familiarity with university campus, faculties and infrastructure. On 1st day the Orientation Programme started with departmental and campus orientation. On 2nd day, Dr Harmeet Kaur Kang, Principal and Director, Department of Nursing, CSHS talked about department academic delivery and engagement. Dr Kanika Rai,Vice-Principal, Department of Nursing, CSHS shed light on curriculum and evaluation process for B.Sc. Nursing Students. Programme was followed by Faculty introduction by all the faculty members of the Department of Nursing. On 3rd day, to create awareness regarding happiness and skill verses courses running in the university by Mr. Manav Bansal, Chief Happiness Officer,Centre of

Happiness talked about happiness courses and skills that are available for the students in the campus. Sqn (Ldr) Dr. Rina Angel, Vice President Infrastructure Enhancement, Chairperson |Centre of Excellence for Sustainability talked about the practice of meeting current needs without compromising the ability of future generation to meet their own, balancing environment, economic and social factors. On 4th day Mr. Viney Khurana, Director, Professional Development Centre, discussed about the passion with dedication, settings and achieving meaningful goals and continuously striving for personal and professional growth in successful life. On the 5th day, Ms. Sonali Katoch and Ms. Anjali , Nursing Tutor, Department of Nursing, organized a sports day to indulge sportsmanship and team spirit among students, encouraged active participation in sports and to promote physical health.

On 6th September, 2024, the program started with welcome address by Prof. Harkiran Kaur. Dr Ashok K Chitkara, Hon'ble Chancellor and Dr. Madhu Chitkara, Pro-Chancellor, Dr. Sandhir Sharma, Hon'bl Vice chancellor, Chitkara University welcomed the students virtually with their words of wisdom. Dr. Harmeet Kaur Kang, Principal and Director,Department of Nursing,CSHS welcomed students. Ms. Amritpal,Assistant Director, Office of International Affairs talked about International opportunities at the campus. To create awareness regarding Happiness and skill verse Courses running in university campus, Mr. Manav Bansal, Chief Happiness Officer, HH Dalai Lama Centre of happiness talked about happiness courses and skills that are available for the students in the campus apart from the academic learning.Cultural and social engagement is another aspect of the university campus and to inform about various clubs associated with it.

Dr. Tapan Arora, Head of Radiation Oncology, Homi Bhabha Cancer Hospital and Research Centre talked about the clinical practice areas, different carrier opportunities for nursing students.

Dr. Neelam Verma, Dean, Office of Student Affairs showcased video throwing light on various clubs in the campus like C2S2 Gidda, C2S2 Bhangra etc. Industry Expert session was conducted by Lt. Col. Rakesh Sharma, Director, University Affairs discussed university rules and regulations to be followed to maintain discipline. They were advised to maintain the zeal to perform good incoming times.


Patiala,PB,India
Rajpura, Patiala, 140601, PB, India
Lat 30.515618, Long 76.659393
08/21/2024 10:18 AM GMT+05:30
Note : Captured by GPS Map Camera


Patiala,PB,India
Rajpura, Patiala, 140601, PB, India
Lat 30.515618, Long 76.659393
08/21/2024 10:14 AM GMT+05:30
Note : Captured by GPS Map Camera


GPS Map Camera
Patiala, Punjab, India
GM85+HQ6 Newton Block, Patiala, Punjab 140417, India
Lat 30.515596°
Long 76.65915°
22/08/24 02:33 PM GMT +05:30
Google


GPS Map Camera
Patiala, Punjab, India
GM85+C9G, Patiala, Punjab 140417, India
Lat 30.51613°
Long 76.657974°
23/08/24 10:14 AM GMT +05:30
Google

Outcome

- Students got familiar with the layout of the campus, available resources.
- The programme fostered a sense of belonging by introducing students to their peers, faculty.
- Students were informed about the institutions rules, regulations ensuring that they start their academic journey with clear expectations.

Report on Seminar

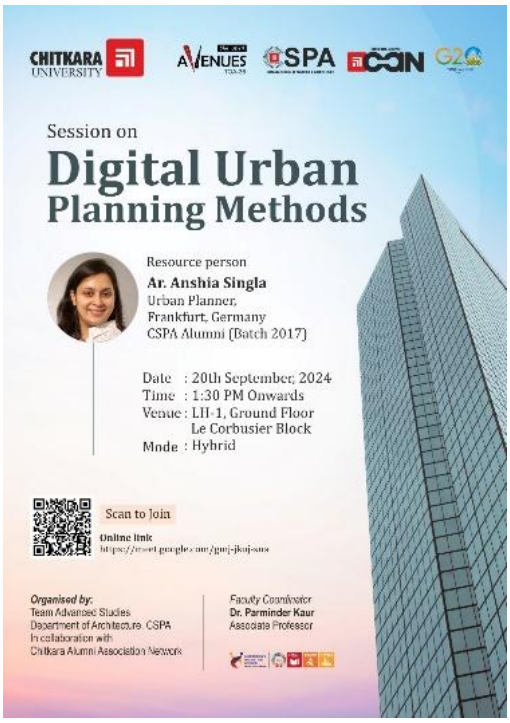
One Day National Workshop on **Innovative Ways to Optimise Wastewater Treatment for a Sustainable Tomorrow** was conducted on September 11, 2024. The purpose of the workshop was to provide the young M.Parma students with a comprehensive platform to discuss and explore innovative approaches in the area of wastewater treatment with industry experts as there are many challenges in wastewater treatment for different industries nowadays. Therefore, the Center for Water Sciences, **Chitkara College of Pharmacy**(CCP), **Chitkara University, Punjab** invited industry persons who are leading in the area of Wastewater Treatment**.**

Dr Jaspal Singh, Chief Scientific Officer in VALENCE labs Punjab completed his PhD in organic synthesis. Earlier Dr Singh served API (Chemical Research & Development) – PANACEA BIOTECH as Vice president. He also heads the R&D of Saurav Chemicals Ltd. He started his career as a Head R&D Alpha Drugs Ltd. Dr. Singh extensive experience 35 years across top pharmaceutical companies globally and a deep understanding of process chemistry, scale-up, and drug development

Dr Gajraj Singh, Director Technical Services, 21st CENTURY ENVIRO ENGINEERS PVT. LTD. accomplished his PhD MSc in Environmental Science, at Pune University. Dr Singh has vast experience 30 years in designing ETPs for industries like Pharmaceutical, Dairy, Automobile, Distillery, Paper, Textile, etc. He also commissioned the first UASB technology in India in collaboration with Paques B.V., Netherlands. He is an expert in API ZLD ETP, Cytotoxic Effluent Treatment, and Biohazard Effluent with AOP Tech. He completed many projects of ETP in Bangladesh, Malaysia, US. Presently, he is involved in Govt STP projects in Punjab, Haryana, Himachal Pradesh.

Prof.(Dr.) Thakur Gurjeet Singh, Dean - CCP interacted with the industrial experts and expressed to demonstrate further students' exposure to the ETP of the industry for understanding the sustainable development in wastewater treatment of Pharmaceutical industries.

Event Name	Session
Topic	Digital Urban Planning Methods
Date	20-09-2024
Venue	Lh-1, Ground Floor, CSPA
Organizer	Chikara School of Planning and Architecture
Resource Person	Ar. Anshia Singla
No. of Participants	73
SDG No.	SDG- 4, 9, 11



Chitkara School of Planning and Architecture organized a hybrid session on 'Digital Urban Planning Methods', led by Ar. Anshia Singla, Urban Planner, Frankfurt Germany, a distinguished alumna from the CSPA 2017 batch, on 20th September, 24. During the session, she presented her master's thesis, which explored the use of advanced digital technologies to document and analyze urban spaces, highlighting innovative methodologies in urban planning. Ar. Singla also reflected on her academic journey at CSPA, which proved highly motivational for the students. The event was attended by 7th and 9th semester students, along with M. Planning students. Curated by Dr. (Prof.) Kanika Bansal, Dean Advanced Studies & M. Planning and Coordinated by Dr. Parminder Kaur, Associate Professor, the session emphasized the integration of technology into contemporary urban planning techniques.

Event Details	
Event Type	Mind Management
Topic	Exposure Visit on World Tourism Day
Date	2024-09-21 to 2024-09-21
Mode	Offline
Venue	Rock Garden & Sukhna Lake, Chandigarh
Organizer Name	Chitkara College of Hospitality Management
No. of Participants	71
SDG No	SDG 4: Quality Education, SDG 11: Sustainable Cities and Communities, SDG 12: Responsible Consumption and Production, SDG 13: Climate Action

Objective

1. To explore cultural and artistic heritage at the Rock Garden.
2. To understand sustainable tourism practices at Sukhna Lake.
3. To observe customer service and visitor management in real settings.
4. To bridge theoretical learning with practical exposure.
5. To promote awareness of environmental conservation in tourism.

Description

Exposure Visit on World Tourism Day On the occasion of **World Tourism Day**, Chitkara College of Hospitality Management organized an exposure visit for the students of the 1st semester to two iconic destinations of Chandigarh, the **Rock Garden** and **Sukhna Lake**, on **21st September 2024**. The trip commenced at 9:00 AM and provided a perfect blend of education and recreation. The visit proved to be a valuable experience for budding hospitality professionals, allowing them to explore the rich cultural and artistic heritage represented by the Rock Garden, known for its innovative use of recycled materials. At Sukhna Lake, the students observed sustainable tourism practices, gaining an understanding of how environmental conservation can coexist with tourism activities. The students also got a firsthand experience of observing visitor interactions, customer service, and crowd management, essential aspects of the hospitality industry. Such exposure helps them connect theoretical learning with practical insights, making their education more holistic and relevant to industry demands. To further enhance the learning experience, future visits could incorporate **workshops, interactive sessions**, or **hands-on activities** focusing on key areas like guest relations, event management, and sustainability in tourism. This would not only deepen their understanding but also equip

them with skills to handle real-world challenges effectively. Overall, the visit was a resounding success, offering the students an engaging and informative experience while celebrating the spirit of World Tourism Day. It reinforced the importance of cultural preservation and sustainable practices in shaping the future of tourism and hospitality.

Outcomes

1. Gained insights into cultural heritage and artistic innovation.
2. Understood practical applications of sustainable tourism.
3. Enhanced awareness of customer service and visitor interactions.
4. Connected classroom knowledge with real-world hospitality practices.
5. Developed appreciation for environmental conservation in tourism.

Event Name	Celebration of NSS Day
Venue	Old Age Home, Rajpura
Date	24th September, 2024
SDG	3,10,11,16
Organized By	National Service Scheme, Chitkara University, Punjab
Number of Participants	23
Duration	One Day

"Sometimes, the greatest gift you can give is simply your presence and a listening ear"

The NSS team of Chitkara Business School celebrated NSS Day by paying visit to the Old Age Home, Rajpura. The initiative aimed at spreading joy and companionship among the elderly. Students engaged with the residents, listening to their stories and experiences with patience and empathy. Various interactive activities were conducted to uplift their spirits. Additionally, goodies were distributed, bringing smiles to their faces. The event left a positive impact on both the students and the elderly, reinforcing the values of compassion and care within the community.

Event Details	
Event Type	Competition
Topic	Concierge of the Year 2024
Date	2024-09-25 to 2024-09-25
Mode	Offline
Venue	Exploratorium
Organizer Name	Chitkara College of Hospitality Management
No. of Participants	22
SDG No	SDG 4: Quality Education, SDG 8: Decent Work and Economic Growth, SDG 11: Sustainable Cities and Communities, SDG 12: Responsible Consumption and Production, SDG 13: Climate Action, SDG 10: Reduced Inequalities

Objective

1. To celebrate cultural diversity through traditional attire and presentations.
2. To promote sustainable practices via creative use of waste materials.
3. To enhance students' public speaking and presentation skills.
4. To deepen knowledge of India's cultural heritage and tourism.
5. To provide a platform for students to gain confidence and industry-relevant skills.

Description

The Hospitality Horizon Club of Chitkara College of Hospitality Management celebrated World Tourism Day 2024 by organizing the Concierge of the Year competition on 25th September 2024. Held at the Explore Auditorium starting at 9:30 am, the event was themed “Tourism and Peace,” aligning with the global message of tourism fostering cultural understanding and harmony. The competition featured two engaging rounds: Ramp Walk and Best Out of Waste. In the Ramp Walk, students donned traditional attire from various Indian states, beautifully representing the rich diversity of the nation. Each participant showcased their state’s culture, food, and famous landmarks, giving a brief presentation that highlighted the uniqueness of the region they represented. This round allowed students to express their pride in India's heritage while enhancing their public speaking skills. The Best Out of Waste round encouraged creativity and sustainability, where students were tasked

with creating something innovative and useful from waste materials. This round not only showcased their resourcefulness but also emphasized the importance of environmental consciousness in today's world. The competition was judged by Dr. Sakshi Kaushik**, Professor at Chitkara College of Mass Communication, who evaluated the participants on their presentation skills, creativity, and cultural knowledge. Dr. Kaushik praised the students for their thoughtful representations and their innovative use of waste materials. Through the Concierge of the Year competition, students gained valuable insights into India's cultural diversity and the importance of sustainable practices in tourism. The event provided an excellent platform for students to build their confidence, enhance their knowledge of Indian culture, and develop essential skills for the hospitality industry. The knowledge and confidence gained will certainly assist them in their future endeavors in the world of tourism and hospitality.

Outcomes

1. Increased awareness of India's diverse cultural heritage.
2. Enhanced creativity through sustainable, waste-based projects.
3. Improved public speaking and presentation skills.
4. Gained deeper understanding of tourism's role in promoting peace and culture.
5. Boosted student confidence for future roles in the hospitality industry.

Event Details	
Event Type	Competition
Topic	Housekeeper of the Year 2024
Date	2024-09-27 to 2024-09-27
Mode	Offline
Venue	Housekeeping Lab- 1,2 & 3, Escoffier Block
Organizer Name	Chitkara College of Hospitality Management
No. of Participants	14
SDG No	SDG 4: Quality Education, SDG 11: Sustainable Cities and Communities, SDG 12: Responsible Consumption and Production, SDG 13: Climate Action, SDG 14: Life below Water, SDG 15: Life on Land

Objective

1. To celebrate World Tourism Day through artistic expression.
2. To promote creativity and skill development in housekeeping students.
3. To encourage reflection on travel experiences via the theme "Yatra Smriti."
4. To highlight the importance of cultural heritage and sustainability in tourism.
5. To foster a platform for students to showcase their artistic talents in a competitive setting.

Description

On the occasion of World Tourism Day, Chitkara College of Hospitality Management, in collaboration with the Centre of Excellence for Sustainability, hosted the prestigious "Housekeeper of the Year 2024" competition. Held at the Housekeeping Labs 1, 2, and 3 in the Escoffier Block, the event kicked off at 9 am and showcased remarkable student talent. The central attraction of this year's competition was the unique theme: *Plate Painting Competition*, titled "Yatra Smriti," which translates to "Travel Memories." Students were tasked with painting plates that visually represented their cherished travel experiences. The plates became canvases through which the students brought their memories to life, capturing the essence of various places they had visited. The artworks beautifully conveyed personal stories of journeys, depicting landscapes, landmarks, and cultural symbols, offering glimpses into the emotions tied to these travel moments. Each

painting symbolized a different part of the world, making the competition an immersive experience that celebrated travel and artistic expression. Mr. Ranjan Malik, Dean of Fine Arts at Chitkara University, was the esteemed judge for the event. With his expert eye, he evaluated each student's creation based on creativity, technique, and how effectively their painted plates relayed the travel experience. The event not only celebrated artistic expression but also highlighted the importance of tourism in creating lasting memories and cross-cultural connections. By encouraging students to reflect on their travels through art, the competition promoted sustainability, heritage appreciation, and creativity. The "Yatra Smriti" competition turned into an engaging and colorful platform where students were able to showcase their skills while revisiting their travel journeys with passion and creativity.

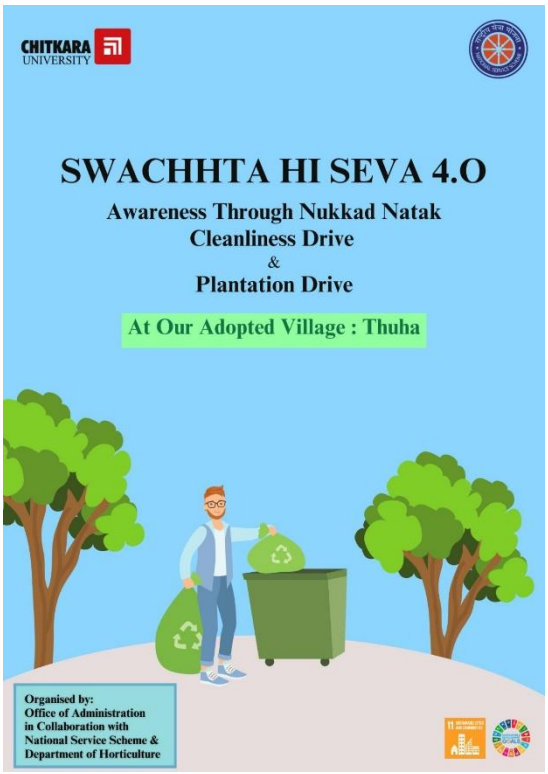
Outcomes

1. Students created stunning plate paintings reflecting personal travel memories.
2. Enhanced awareness of cultural heritage and sustainability in tourism.
3. Recognition of students' creativity and artistic skills in a competitive environment.
4. Strengthened appreciation for cross-cultural experiences through artistic expression.
5. Positive engagement and collaboration between hospitality and fine arts disciplines.

Detail of the Event/Session	
Date of the Event/Session	30 September 2024
Name of the Event/Session	**SWACHHTA HI SEVA 4.0** (Awareness Through Nukkad Natak, Cleanliness Drive & Plantation Drive)
Organized By	Office of Administration in collaboration with NSS & Department of Horticulture
Trainee Team/Count	26
SDG Covered	11

About the session

Office of Administration in collaboration with NSS & Department of horticulture initiatives like Nukkad Natak, cleanliness drives, and plantation drives in their adopted village reflect a strong commitment to community engagement and social responsibility.



Nukkad Natak

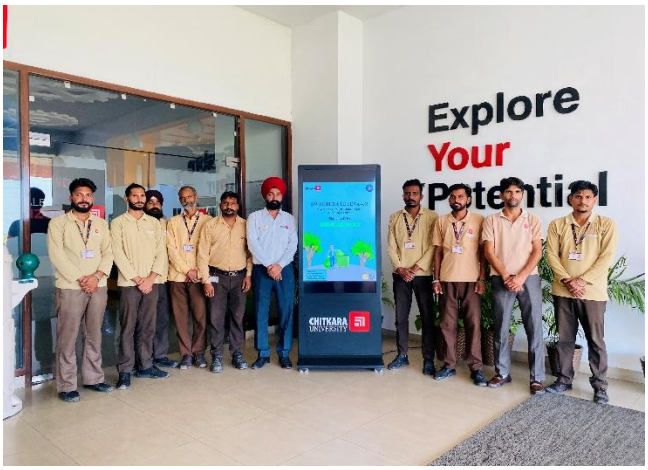
Nukkad Natak is an effective way to raise awareness about social issues. Through engaging performances, students can communicate important messages regarding hygiene, health, and environmental conservation.

Cleanliness Drive

The cleanliness drive organized by the university promotes a cleaner environment in the adopted village. The housekeeping staff and the NSS team conducted a cleaning session in the surrounding area of the school.

Plantation Drive

The plantation drive focuses on enhancing greenery in the village, combating climate change, and promoting biodiversity. By planting trees, the university helps improve air quality, provides shade, and contributes to the overall health of the ecosystem.


Explore
Your
Potential

Event Details	
Event Name	Innovation and Skill Development
Topic	Exploring Innovation and Trends in Campus Infrastructure: A Guided Visit to Hostel and Academic Buildings
Date	2024-09-30 to 2024-09-30
Mode	Offline
Organizer Name	Dr. Navdeep Singh
No. of Participants	33
SDG No	SDG 4: Quality Education, SDG 9: Industry, Innovation and Infrastructure

Objective

1. Understand Modern Construction Practices
2. Explore Sustainable Design Concepts
3. Analyze Structural Design
4. Gain Practical Insights into Civil Engineering
5. Learn Sustainable Management Techniques

Description

The civil engineering department organized an insightful educational visit to the university campus, focusing on modern construction practices and sustainable design concepts. The students explored key facilities, including the Martin Luther Block and Alfred Nobel Hostel, renowned for their innovative structural designs and efficient sustainable management techniques. During the visit, students observed the practical implementation of civil engineering principles, gaining a deeper understanding of cutting-edge construction methods and eco-friendly practices. The experience provided a valuable opportunity to bridge theoretical learning with real-world applications, fostering critical thinking and professional growth in the field of civil engineering. This hands-on exposure to modern engineering solutions inspired the students and emphasized the importance of sustainable design in shaping the built environment of the future.

Outcomes

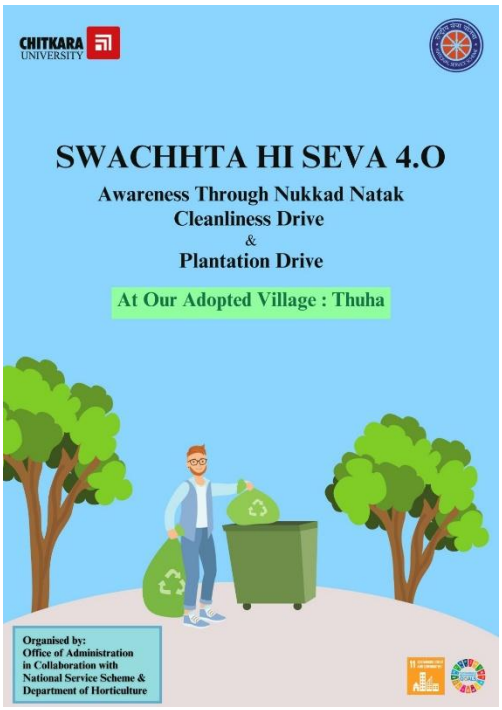
1. Practical Insights into Sustainable Design
2. Enhanced Understanding of Civil Engineering Concepts
3. Improved Analytical Skills

4. Inspiration for Future Projects
5. Application of Theoretical Knowledge

Detail of the Event/Session	
Date of the Event/Session	30 September 2024
Name of the Event/Session	**SWACHHTA HI SEVA 4.0** (Terrace cleaning of Escoffier block)
Resource Person	Capt. Pawan Kumar (Sr. Administrative officer)
Organized By	Office of Administration in collaboration with NSS & Department of horticulture.
Trainee Team/Count	20
SDG Covered	11

Terrace cleaning of Escoffier block

As part of the SWACHHTA HI SEVA 4.0 initiative, a focused cleaning drive was organized to clean the terrace of the Escoffier Block. This activity aimed to promote hygiene and prevent the accumulation of waste and debris on the rooftop, ensuring a clean and safe environment within the building.



Activities

The cleaning drive on the Escoffier Block terrace was conducted with active participation from service and supporting staff. Key activities included:

1. **Removal of Waste and Debris:** Participants collected various waste items, including leaves, dust, and other debris, that had accumulated on the terrace.
2. **Sweeping and Surface Cleaning:** The terrace was thoroughly swept, and surfaces were cleaned to remove any dirt, stains, or algae buildup caused by moisture.
3. **Drain Cleaning:** Drains on the terrace were checked and cleared to prevent potential blockages, improving water flow and reducing the risk of water stagnation.

Outcomes

1. **Cleaner and Safer Environment:** The terrace was left clean, free of waste and potential hazards, enhancing the safety and hygiene of the area.
2. **Prevention of Water Accumulation Issues:** Clearing the drains prevented water logging, helping to maintain the building's structure and reduce the risk of leaks.

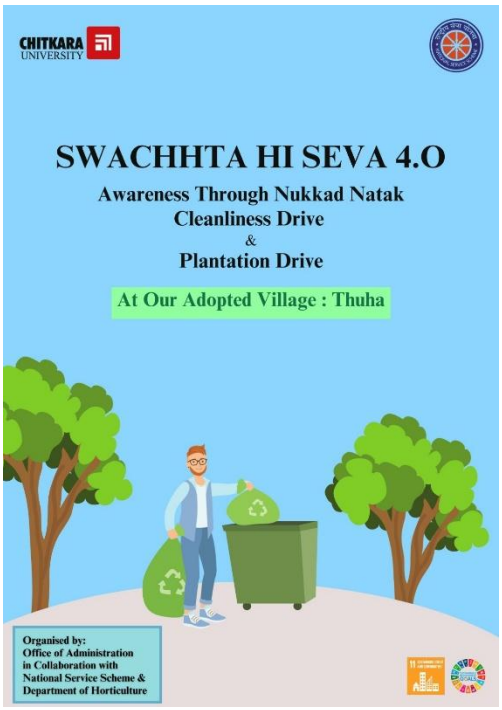
Conclusion

The SWACHHTA HI SEVA 4.0 terrace cleaning activity at the Escoffier Block was a successful initiative that improved the cleanliness and maintenance of the building. The campaign served as a reminder of the significance of cleanliness in all spaces and reinforced the community's role in sustaining a hygienic and well-maintained environment.

Detail of the Event/Session	
Date of the Event/Session	30 September 2024
Name of the Event/Session	**SWACHHTA HI SEVA 4.0** (Cleaning at Omega zone.)
Resource Person	All Administrative Officers
Organized By	Office of Administration in collaboration with NSS & Department of horticulture.
Trainee Team/Count	15
SDG Covered	11 (Sustainable Cities And Communities)

Cleaning Activities at Omega Zone

The SWACHHTA HI SEVA 4.0 campaign aimed to enhance environmental cleanliness and foster community participation in sanitation. As part of this national initiative, a cleaning drive was conducted at the Omega Zone University ground. The program sought to raise awareness about cleanliness, reduce waste accumulation, and improve the aesthetic and hygiene standards of the university premises.



Activities

A team of university staff, supporting staff's, and NSS volunteers actively participated in the drive. Activities included:

1. **Waste Collection:** Volunteers and staff collected plastic, paper, and other waste materials scattered around the ground.
2. **Segregation of Waste:** Waste was sorted into recyclable and non-recyclable categories.
3. **Sweeping and General Cleaning:** Teams swept the ground, walkways, and surrounding areas.

Outcomes

- Waste Reduction: Waste was collected, segregated, and responsibly disposed of.
- Enhanced Aesthetic Appeal: The cleaning activities improved the visual appeal and hygiene of the university ground.

- Community Engagement: The campaign fostered a sense of responsibility among students and community members, promoting environmental awareness.

Conclusion

The SWACHHTA HI SEVA 4.0 event at Omega Zone University ground successfully achieved its objectives, contributing to cleaner surroundings and greater community awareness.

Event Name	Innovate and Create with Arduino: From Concept to Prototype
Date	3rd October 2024
Venue	LARVA Lab
Organizer	Chitkara International College
Resource Person	Prof.(Dr.) Rajneesh Talwar
Number of Participants	19
SDGs Covered	3,4,7,9,11
Duration	2 hours

About the Activity

The "Innovate and Create with Arduino" workshop is a hands-on activity designed to guide participants through the process of taking a concept from an idea to a fully functional prototype. Using Arduino, an open-source electronics platform, participants will learn how to design, code, and build interactive electronic projects. Whether it's automating a system or creating a smart device, this workshop will empower participants to bring their ideas to life.

Objectives

- Teach participants how to translate ideas into working prototypes using Arduino, basic electronics, and coding.
- Encourage creative problem-solving and innovative thinking through interactive projects.
- Provide a foundational understanding of circuit design, sensor integration, and programming logic in a real-world context.

Key Highlights

Participants will receive step-by-step instructions on setting up Arduino, writing code, and assembling their projects.

Outcomes

- Gain hands-on experience in using the Arduino platform, sensors, actuators, and other electronic components.
- Participants will sharpen their design thinking skills and approach problems with a creative, solution-driven mindset.
- Build teamwork and collaboration skills through group projects and presentations.

Event Details	
Event Name	Innovation and Skill Development
Topic	Innovations and Recent Trends in Concrete: Industrial Visit to RMC Plant
Date	2024-10-04 to 2024-10-04
Mode	Offline
Organizer Name	Dr. Prachi Vasishtha
Resource Person	Rominder Dhaulta
No. of Participants	26
SDG No	SDG 9: Industry, Innovation and Infrastructure, SDG 11: Sustainable Cities and Communities, SDG 12: Responsible Consumption and Production

Objective

1. Understand Modern RMC Technology
2. Explore Quality Assurance and Control Practices
3. Learn Sustainable Construction Practices
4. Bridge Theory and Practical Application

Description

The Civil Engineering Department at Chitkara University organized an industrial visit to a Ready-Mix Concrete (RMC) Plant for the BE 2022 batch. This educational initiative provided students with valuable practical insights into modern RMC technology and sustainable construction practices. During the visit, students explored various aspects of RMC production, including automated processes, quality assurance, and control measures at the site. They gained firsthand knowledge of concrete handling techniques and participated in experiments conducted at the quality control laboratory. The visit aimed to bridge the gap between classroom learning and industry applications, equipping students with the skills and knowledge to address real-world challenges in civil engineering. This training session also aligned with the university's commitment to advancing Sustainable Development Goals (SDGs), particularly SDG-9 (Industry, Innovation, and Infrastructure), SDG-11 (Sustainable Cities and Communities), and SDG-12 (Responsible Consumption and Production). This enriching experience reinforced the students' understanding of sustainable construction practices while inspiring them to contribute to the development of innovative, eco-friendly infrastructure.

Outcomes

1. Understanding the Production Process: Batching: Visitors learn about the automated process of batching materials, mixing Process, loading and dispatching.
2. Quality Control Measures: Exposure to how materials are tested for quality, such as checking aggregate sizes, moisture content, and cement composition.
3. Plant Layout and Equipment: Observing how computerized control systems manage the batching and mixing processes with precision.
4. Storage and Handling of Raw Materials: Learning about the storage systems for aggregates, cement silos, and the way these materials are handled and transported into the mixing plant.
5. Learning about Special Concrete Mixes: Exposure to various types of concrete such as high-performance concrete (HPC), self-compacting concrete (SCC), or fibre-reinforced concrete (FRC).
6. Sustainability Practices: Learning about sustainable practices such as using recycled materials (fly ash, slag), reducing carbon emissions, and conserving water in the production process.

Event Details	
Event Name	Innovation and Skill Development
Topic	Exploring Recent Trends and Innovations: A Site Visit to the 40MLD CETP L&T Construction
Date	2024-10-07 to 2024-10-07
Mode	Offline
Organizer Name	Mr. Sameer Malhotra
Resource Person	Jaswant Singh|Larsen & Toubro Limited
No. of Participants	27
SDG No	SDG 6: Clean Water and Sanitation, SDG 9: Industry, Innovation and Infrastructure

Objective

1. Understand Advanced Treatment Technologies
2. Explore Sustainability Practices
3. Learn About Automation and Digitalization
4. Promote Environmental Responsibility To educate students on how CETPs support water recycling, meet discharge standards, and promote sustainable industrial practices.
5. Discover Future Trends in Wastewater Treatment
6. Bridge Theory and Practice
7. Enhance Awareness of Industrial Challenges
8. Encourage Research and Innovation

Description

The Civil Engineering Department organized a visit to a Common Effluent Treatment Plant (CETP), providing students with an in-depth understanding of advanced wastewater treatment technologies and sustainable practices. Key topics covered during the visit included: Advanced Treatment Technologies: Insights into biological treatment, membrane filtration, and advanced oxidation processes for effective effluent management. Sustainability and Energy Efficiency: An overview of the plant's energy-efficient systems, including solar power utilization and energy recovery methods, aimed at reducing environmental impact. Automation and Digitalization: Demonstrations of high-automation systems, real-time monitoring tools, and predictive maintenance processes that enhance operational efficiency and minimize errors. Environmental Responsibility: Discussions on how the CETP meets stringent discharge standards, supports water recycling for industrial reuse, and promotes

sustainable practices. Future Trends: Exploration of innovations such as AI, machine learning, and ongoing research and development to advance treatment technologies. This visit provided students with practical exposure to modern wastewater treatment technologies and highlighted the critical role of sustainable practices in civil engineering. It served as an excellent platform for understanding industry trends, preparing students for real-world challenges, and reinforcing the importance of environmental stewardship.

Outcomes

1. Enhanced Understanding of Advanced Wastewater Treatment
2. Improved Knowledge of Sustainable Practices
3. Hands-on Experience with Automation and Monitoring Systems
4. Increased Awareness of Environmental Responsibility
5. Exposure to Future Trends in Wastewater Treatment
6. Bridging Theory with Practical Application
7. Strengthened Analytical and Problem-Solving Skills

Event Name: -	Swachhata Pakhwada-Cleanliness Drive
Venue: -	Escoffier Block
Date: -	7th to 10th October, 2024
SDG Number, Name and NEP: -	6- Clean water and sanitation, 11-Sustainable cities and communities, and NEP: - 1
Organized By: -	National Service Scheme, Chitkara University, Punjab
Number of Participants: -	30
Duration: -	One Day

Chikara College of Hospitality Management in collaboration with National Service Scheme, Chitkara University, Punjab organised a cleanliness campaign SWACHHATA PAKHWADA from 7th to 10th October 2024 at Escoffier Block from 9 am onwards under the supervision of Ms Anjali Xess and Mr Parambir Singh. With the aim of achieving this objective and improving the well-being of sanitation workers.

Objectives

Awareness Raising: Educate communities about the importance of cleanliness and sanitation.

Community Participation: Engage citizens, local bodies, and organizations in cleanliness drives and activities.

Behaviour Change: Encourage individuals to adopt better hygiene practices and maintain cleanliness in their surroundings.

Waste Management: Promote proper waste disposal, segregation, and recycling to reduce environmental pollution.

Public Health Improvement: Reduce the spread of diseases linked to poor sanitation and hygiene.

Sustainable Practices: Encourage the adoption of sustainable sanitation practices in households and communities.

Learning Outcomes

Health Benefits: Reduction in waterborne diseases and other health issues related to poor sanitation practices.

Capacity Building: Strengthened skills among participants for organizing and leading cleanliness drives and awareness campaigns.

Improved Sanitation Practices: Communities will implement and maintain effective waste management systems and sanitary facilities.

Event Details	
Event Type	Conference
Topic	2nd International Conference on Emerging Technology and Sustainable Solutions
Date	2024-10-08 to 2024-10-09
Mode	Hybrid
Venue	Explotorium
Organizer Name	Dr. Isha Gupta and Dr. Rubina Dutta
No. of Participants	69
SDG No	SDG 3: Good Health and Well-being, SDG 4: Quality Education, SDG 7: Affordable and Clean Energy, SDG 8: Decent Work and Economic Growth, SDG 9: Industry, Innovation and Infrastructure, SDG 11: Sustainable Cities and Communities, SDG 17: Partnership for the Goals

Objective

Facilitate knowledge exchange on emerging technologies and innovations.

Promote sustainable engineering practices to address environmental challenges.

Foster multidisciplinary collaboration among academia, industry, and government.

Provide skill-building workshops on advanced, sustainable technologies.

Description

The Department of Electronics and Communication Engineering successfully hosted the 2nd International Conference on Emerging Technology and Sustainable Solutions (ICETSS 2024) on October 8-9, 2024, at Chitkara University, Punjab. The conference commenced with a ceremonial lamp-lighting, followed by Words of Wisdom from Dr. Madhu Chitkara, Hon'ble Pro Chancellor, who emphasized the vital role of innovation in addressing global sustainability challenges. Dr. Shivani Malhotra, Dean of ECE, then outlined the conference's objectives, stressing the importance of sustainable practices in modern engineering. On Day 2, workshops were conducted in an online mode, allowing participants worldwide to gain practical insights into advanced topics remotely. Simultaneously, paper presentations across various tracks were held in an online format, enabling a broader range of contributions from researchers and experts. Keynote speakers, including Dr. Parveen Kaushik from Exigo Recycling Pvt. Ltd. and Mr. Bhavya Jain from the Display Solutions Group, delivered insightful talks on sustainable e-waste management and advancements in eco-friendly display technology. A panel discussion featuring experts such as Dr. Sneha Kabra, Dr. Harpreet Singh Jatana, and Mr. Inderveer Singh highlighted the essential collaboration needed among

academia, industry, and government to drive sustainable solutions. The conference featured four technical tracks, each focusing on vital areas of emerging technologies and sustainability: Disruptive Emerging Technologies chaired by Dr. Imali Dias, Dr. Keshav Sood, Dr. Sushil Narang Securing Cyber Physical Systems chaired by Dr. Pawan Kumar,Dr. S.N Panda Sustainable Communication Networks chaired by Dr. Devender Pal Singh, Dr. Nitin Saluja Device Development in Emerging Technologies chaired by Dr. Harpreet Singh Jatana, Dr. Sagar Juneja In addition, hands-on workshops on cutting-edge topics such as Augmented Reality, IC design, MATLAB, and Artificial Intelligence were conducted by experts like Dr. Neha Tuli, Mr. Shivam, Mr. Anish Kumar, and Dr. Neeraj Goel. These sessions provided participants with valuable skills and in-depth knowledge. ICETSS 2024 proved to be an impactful platform for knowledge-sharing, skill-building, and networking, reinforcing the Department of ECE's dedication to fostering innovation and sustainable technological solutions.

Outcomes

Participants acquired in-depth knowledge and hands-on skills in sustainable technologies, reinforcing their expertise in critical areas of innovation.

The conference facilitated meaningful research collaborations, fostering partnerships between academia and industry to drive sustainable advancements.

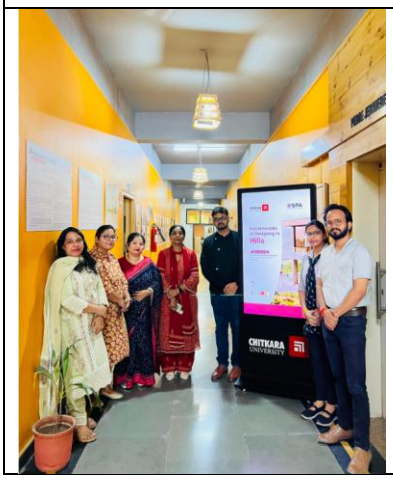
Attendees expanded their professional networks, laying the foundation for future knowledge-sharing and collaborative initiatives in emerging technologies.

Event Name	Expert Lecture
Topic	**Fundamentals of Designing in Hills**
Date	10 Oct 2024
Venue	Pierre hall, Chikara School of Planning and Architecture, Chitkara University
Organizer	Chikara School of Planning and Architecture, Chitkara University
Resource Persons	Ar. Siddharth Mahim Bansal from Studio Built Environment (SBE), Chandigarh.
No. of Participants	35
SDG No.	SDG- 4, 11,12

Chitkara School of Planning and Architecture organized an expert lecture titled "Fundamentals of Designing in Hills" on October 10, 2024, as part of World Architecture Week, led by Ar. Siddharth Mahim Bansal from Studio Built Environment (SBE), Chandigarh. The session aimed to educate students on creating functional, aesthetically pleasing, and eco-friendly resorts in hilly areas, addressing unique challenges and opportunities in such environments. This initiative aligns with several Sustainable Development Goals (SDGs), particularly SDG 11: Sustainable Cities and Communities, which emphasizes sustainable development in urban areas, including tourism. The focus on eco-friendly design practices supports SDG 12: Responsible Consumption and Production, promoting sustainability in the use of building materials and techniques. Additionally, the workshop enhances SDG 4: Quality Education by providing students with practical knowledge and skills essential for their future careers in architecture. Through interactive sessions, students developed a deeper understanding of hill designing principles, fostering innovative thinking and a commitment to sustainable practices. Overall, the lecture significantly enriched the academic experience of participants, preparing them to tackle real-world challenges in architectural design.


CHITKARA UNIVERSITY
Explore Your Potential


Explore Your Potential


CHITKARA UNIVERSITY

Event Details	
Event Type	Workshop
Topic	Electronics Bootcamp
Date	2024-10-14 to 2024-10-16
Mode	Offline
Organizer Name	Dr Rubina Dutta
Resource Person	Dr Amit Kumar|Assistant Professor, |
No. of Participants	20
SDG No	SDG 4: Quality Education, SDG 9: Industry, Innovation and Infrastructure, SDG 11: Sustainable Cities and Communities

Objective

. To Equip participants with a comprehensive understanding of the 555 timer's architecture and components.
. To familiarize students with operating modes, and functionalities, including monostable, a stable, and bistable configurations of 555 Timer.
. To sensitize students about electronics prototype development strategies.
. To Provide students insights into real-world applications of the 555 timers in various circuits and systems.

Description

The Electronics Bootcamp, organized by the Department of Electronics and Communication Engineering (ECE) at Chitkara University, Punjab, took place from October 14 to 16, 2024. This highly anticipated three-day event was crafted to provide students with an immersive learning experience, focusing on practical applications in electronics and embedded systems. Designed for aspiring engineers and technology enthusiasts, the bootcamp aimed to bridge the gap between theoretical knowledge and hands-on practice, fostering innovation and technical expertise. The event offered a carefully curated blend of interactive workshops, live demonstrations, and project-based learning sessions, with a primary focus on the iconic 555 timer integrated circuit. Known for its versatility and widespread applications in electronic circuits, the 555 timer served as the perfect foundation for students to explore fundamental concepts of electronics and circuit design. Participants delved into topics such as multivibrators, pulse generation, and timing functions, guided by expert faculty members and industry professionals. Throughout the bootcamp, students engaged in hands-on activities that encouraged them to apply their learning in real-time. Live demonstrations showcased various uses of the 555 timer, illustrating its adaptability in creating functional and innovative circuits. The project-based approach enabled participants to develop a deeper understanding of electronics, fostering problem-solving skills and creativity. One of the most exciting aspects of the bootcamp was the culmination of learning into tangible outcomes. By the end of the three days, every student had successfully designed and built their first working electronic product based on the 555 timer. From simple LED blinkers to more intricate timing circuits, these projects showcased the students' newfound technical skills and understanding of electronics. The bootcamp not only equipped participants with practical knowledge but also inspired them to explore the vast potential of electronics in addressing real-world challenges. It fostered a collaborative learning environment where students shared ideas, learned from peers, and gained insights from seasoned mentors. The success of the Electronics Bootcamp highlights the commitment of the ECE Department at Chitkara University to nurture innovation and technical proficiency among its students. Events like these play a pivotal role in preparing the next generation of engineers, empowering them with the skills and confidence to excel in the ever-evolving field of technology.

Outcomes

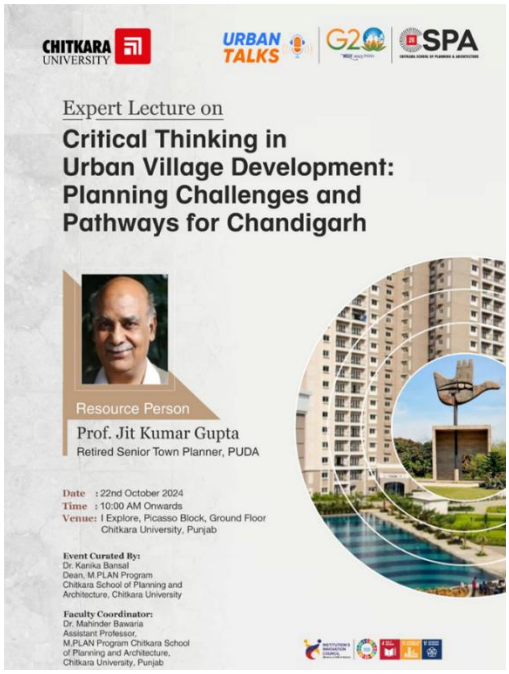
. Students gain extensive knowledge of the 555 timer's architecture, working principles, and its significance in electronic circuits. This includes an in-depth study of its internal components, pin configuration, and how it operates in various modes.

. Students learn to apply the design thinking approach to product development, focusing on creative problem-solving, prototyping, and iterative design. This fosters innovative thinking and practical application of theoretical concepts.

. Students develop proficiency in using a basic electronic toolkit, which includes understanding the functions and safe handling of components such as resistors, capacitors, and transistors required for circuit assembly.

. Students gain practical insights into using measuring equipment like multimeters, oscilloscopes, and signal generators to analyze and troubleshoot circuits effectively. This hands-on experience ensures accuracy and confidence in working with electronic systems.

Event Name	Workshop
Topic	Urban Talks series Titled "Critical Thinking in Urban Village Development: Planning Challenges and Pathways for Chandigarh,
Date	22 Oct 2024
Venue	CSPA, Chitkara University, Punjab
Organizer	Chikara School of Planning and Architecture, Chitkara University
Resource Persons	Ar. Jit Kumar Gupta
No. of Participants	32
SDG No.	SDG- 4,10, 11,17



The Urban Talks series, part of the M. Plan program at Chitkara School of Planning and Architecture, successfully concluded its fourth event on October 22, 2024, titled "Critical Thinking in Urban Village Development: Planning Challenges and Pathways for Chandigarh." Led by distinguished speaker Ar. Jit Kumar Gupta, a retired Senior Town Planner from PUDA, the session addressed critical challenges in developing Chandigarh's urban villages, emphasizing the need for community-centered planning approaches. This initiative aligns with several Sustainable Development Goals (SDGs), particularly SDG 11: Sustainable Cities and Communities, which focuses on making cities inclusive, safe, resilient, and sustainable. The workshop also supports SDG 4: Quality Education by fostering critical thinking and providing educational opportunities in urban planning. Furthermore, it promotes SDG 10: Reduced Inequalities by advocating for inclusive strategies that consider local aspirations and social dynamics. The event encouraged collaboration and innovative solutions among participants, reflecting SDG 17: Partnerships for the Goals, as it highlighted the importance of community involvement in urban development. Overall, the Urban Talks series inspires attendees to rethink traditional planning models and adopt fresh perspectives for future projects.


GPS Map
Camera Lite
NH 7, Rajpura, Patiala, 140402, PB, India
Latitude
30.514500°
Longitude
76.651912°
Local 10:32:16 AM
GMT 05:02:16 AM
Altitude 0.0 meters
Tuesday, 10/22/2024


Critical Thinking in
Urban Village
Development
–Planning Challenges &
Pathways for Chandigarh
GPS Map
Camera Lite
NH 7, Rajpura, Patiala, 140402, PB, India
Latitude
30.514718°
Longitude
76.652427°
Local 10:30:26 AM
GMT 05:00:26 AM
Altitude 0.0 meters
Tuesday, 10/22/2024


CHITKARA
URBAN
SPA
Critical Thinking in
Urban Village Development:
Planning Challenges and
Pathways for Chandigarh


Critical Thinking in
Urban Village
Development
–Planning Challenges &
Pathways for Chandig


GPS Map
Camera Lite
NH 7, Rajpura, Patiala, 140402, PB, India
Latitude
30.514500°
Longitude
76.651912°
Local 10:32:16 AM
GMT 05:02:16 AM
Altitude 0.0 meters
Tuesday, 10/22/2024

Event Report

Title of the Event:	**UN Day Celebration**		
Date of the Event:	**24th October 2024**	**Department**	**CUIET-AE**
Venue:	**TB-207, Tesla Block**	**SDG No.**	**4, 7, 9, 11, 12, 13, 17**

Description

In this event students of CUIET-AE showcase sustainable activities, where students presented projects that focused on advancing vertical transportation and automation skills, all closely aligned with the Sustainable Development Goals (SDGs) 4 (Quality Education), 9 (Industry, Innovation, and Infrastructure), 11 (Sustainable Cities and Communities), 12 (Responsible Consumption and Production), 13 (Climate Action), and 17 (Partnerships for the Goals).

In a dynamic exhibition space, students from various engineering departments set up displays and live demonstrations of their work, with each project designed to address real-world challenges in urban transportation, infrastructure development, and automation. Some of the standout projects included advanced elevator and escalator prototypes that utilized energy-efficient technologies, which aimed to support sustainable city growth and contribute to SDG 11.

To promote SDG 4, the event also included interactive workshops where students shared their technical skills and knowledge with peers, encouraging greater access to education in vertical transportation and automation. Collaborating across disciplines, teams explored automation in vertical farming to address food security in cities, tying their efforts to SDG 9 by leveraging industry partnerships and novel technologies. Students emphasized climate-friendly designs, contributing to SDG 13 by focusing on renewable energy integration and reducing the carbon footprint of vertical transportation systems.

Outcomes

1 The students, faculty, and attendees enhanced their knowledge about the importance of SDGs 4, 9, 11, 12, 13, and 17 and their relevance to engineering fields.

2 Recognition and appreciation of innovative, sustainable solutions in vertical transportation and automation, encouraging students to apply these practices in future projects.
3 Inspiration for students to pursue additional projects aimed at sustainability and urban development challenges, supporting long-term educational goals and innovation.
4 Increased emphasis on developing engineering solutions that incorporate renewable energy and reduce environmental impact, supporting climate action goals.
5 Raised public awareness about engineering's role in sustainable development and its impact on everyday life, fostering community engagement with the SDGs

UN DAY CELEBRATIONS 2024 (CHITKARA BUSINESS SCHOOL)

About the event

A Sustainability Fete was organised as part of the UN Day celebrations on 24th October 2024 at Alpha Zone from 9 am to 4 pm. The event offered an opportunity to staff and students to sell sustainable products and services procured from local artisans. As part of our commitment to sustainability, all stalls focused on eco-friendly items. The themes included selling sustainable merchandise which included eco-friendly products (herbal soaps, sustainable candles), upcycled items (decorative items made out of waste products), zero-waste solutions, renewable energy products, healthy food items like millet products, dietary supplements, sugar free products, products made from jaggery and honey etc.

At the heart of the event demonstration was hosted which showcased different activities organised by the department over the year to promote sustainable living. It highlighted the our ongoing commitment to the United Nations Sustainable Development Goals (SDGs). The event brought together students, faculty and community members to showcase projects, innovations, granted patents and research that contribute to a sustainable future.

The activities were aligned to SDG 1, 8, 11 and 17.

Objectives

1. To offer an opportunity to students, staff and faculty to sell sustainable products, services, and activities through dedicated stalls.
2. To provide a platform to the rural artisans to sell their sustainable products.
3. To create awareness about the sustainable development goals.

Outcomes

1. The students, staff and faculty displayed and sold sustainable products, services, and activities through dedicated stalls.
2. The rural artisans availed the opportunity to sell their sustainable products.
3. The students and faculty members got insights about various sustainability initiatives.


REDMI NOTE 13 PRO 5G
24/10/2024 11:37


REDMI NOTE 13 PRO 5G

Event Name	**LET'S GET SET ...GO....TO THE SUSTAINABILITY FAIR**
Date	24th October, 2024
Venue	Alpha Zone
Organizer	Centre of Excellence for Sustainability -CES, Chitkara University, Panjab
Resource Person	Academic and Non-academic Team, DoE, Chitkara University
Number of Participants	47
SDGs Covered	1 to 17
NEP 2020	11.7
Module	All Twelve Modules
Duration	One -day

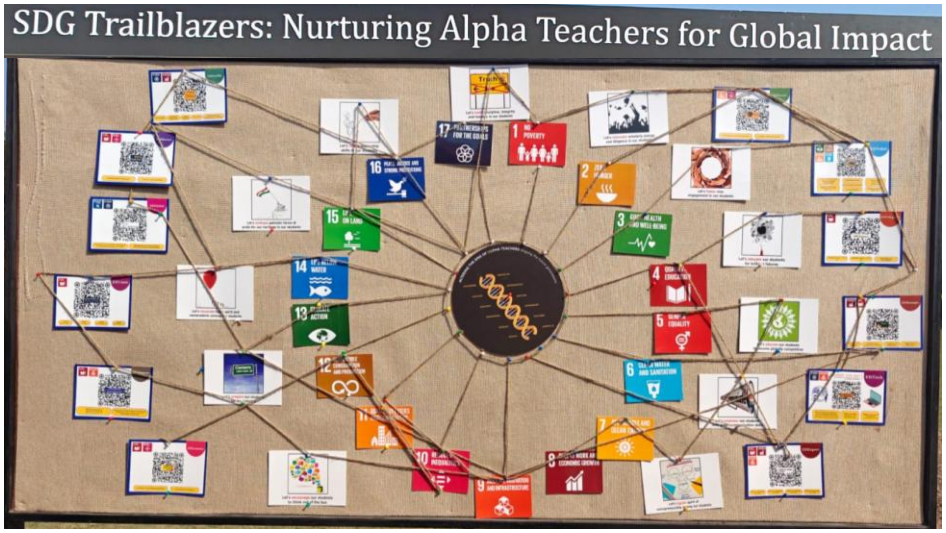
About the Activity

Centre of Excellence for Sustainability -CES, Chitkara University, Punjab hosted a fair with the theme ***"LET'S GET SET ...GO....TO THE SUSTAINABILITY FAIR"*** on 24th October, 2024. The objective of the event was to highlight contributions of each department of the university towards UN SDGs.

The Department of Education, Chitkara University had the opportunity to exhibit posters and infographics on a variety of scholastic and co-scholastic activities incorporated into its curriculum to positively impact the achievement of the UN Sustainable Development Goals under the theme, ***"SDG Trailblazers: Nurturing Alpha Teachers for Global Impact".*** An infographic with four layers in the shape of a wheel displayed the twelve B.Ed. course modules in the centre, followed by circles of the UN SDGs, the Chitkara University Charter and the evidences of various activities conducted by the department in the form of QR codes formed the outer layers. A web of interrelated themes and practices eventually became self-explanatory,

showing how the B.Ed. curriculum encourages activities related to the UN SDGs. To name a few, these activities include action research, the creation of comic strips for young readers, online content development, project work, integrating these goals with lesson plans, creating picture books for the students, and using teacher Excel sheets to get involved with the cause. Moreover, the fair got its allure with games like 'Jigsaw Puzzle' and 'Snakes and Ladder'.

It was all the more inspiring when **Dr Madhu Chitkara, Hon'ble Pro Chancellor, Chitkara University,** encouraged and appreciated the efforts of each member of the department. Dr Sangeeta Pant, Dean, Department of Education, Chitkara University, applauded the endeavours of the faculty and Dr Parul Sood, Assistant Dean, Department of Education, Chitkara University appreciated the team spirit of the faculty. Overall, it was a great learning experience for the faculty and the students.



Submission of Departmental Report for Chitkara School of Planning & Architecture (CSPA) on UN Day Celebration

Event Overview

The Sustainability Fair was an engaging event where various departments showcased their initiatives aligned with the Sustainable Development Goals (SDGs). Chitkara School of Planning & Architecture (CSPA) proudly represented our commitment to sustainability through our dedicated stall.

CSPA Stall Highlights:

Sustainable Materials: CSPA showcased innovative projects by students focusing on sustainable materials in architecture, emphasizing their role in reducing environmental impact.

Architectural Thesis Principles: Our stall featured documentation of sustainable design principles integrated into architectural thesis projects, reflecting our dedication to environmentally responsible practices.

Historical Documentation: A unique exhibit highlighted the history of architecture through sustainable materials, including a display of "Hand of Freedom" by Ar. Le Corbusier, crafted from waste materials.

Alignment with Relevant SDGs:

Our participation directly supports several key SDGs:

SDG 11 (Sustainable Cities and Communities): By promoting sustainable architectural practices, we contribute to creating inclusive, safe, resilient, and sustainable urban environments.

SDG 12 (Responsible Consumption and Production): Our focus on sustainable materials underscores the importance of reducing waste and promoting resource efficiency in design.

SDG 13 (Climate Action): Through our projects, we advocate for urgent action to combat climate change by fostering sustainable design solutions and use of sustainable materials in the built environment and in our daily lives.

The event was well-attended by students, faculty, and special guests, including our Hon'ble Pro Chancellor Mam. The engagement provided a valuable opportunity for


CHITKARA UNIVERSITY
11


NOTE

Department of Computer Science & Engineering

Date: 12/11/2024

Event Overview

On 24th October 2024, the Department of Computer Science & Engineering at Chitkara University, Punjab participated in Sustainability Fair, led by the "Centre of Excellence for Sustainability". This annual observance was designed to recognize the United Nations' foundation, its mission, and the pivotal role it plays in fostering global peace, sustainable development, and human rights as a reminder of the importance of international cooperation to address pressing global challenges.

This event aimed to raise awareness among students about the significance of unity, cooperation, and understanding the importance of bringing a change towards the SDG Goals across diverse cultures and nations. The event witnessed depiction of various activities/endeavors carried out by the Department towards emphasizing on challenges and probabilistic solutions at global level such as equality, human rights, environmental protection, sustainable survival and many more. These activities encouraged students to reflect on their responsibilities as global citizens and to recognize the value of working together across borders. The Department gave reflections towards following agendas already mentioned in target and timeline SDG activities sheet:

1. Paperless Examination
SDG no 12(12.2) SDG Goal Name Responsible Production and Consumption
The Department will switch all its examinations from offline mode to online mode that means approximately 10000 students of the University will be using coding platforms for their practice work and assessments which will eliminate the need to have examination sheets leading to less tree cutting, thus, achieving the sustainable management goal of making efficient use of natural resources which will be achieved till the end of 2024. In the fair, bytes of various cluster Deans were prepared and played on LED screen. The detailing is as follows:

By Dr. Rishu Chhabra
A paperless examination system is a digital approach to conducting exams that eliminates the use of physical paper. Instead, students take exams on computers or tablets, and their responses are digitally recorded. This system offers numerous advantages, including:

Efficiency: Automated processes streamline exam administration, grading, and result generation.
Security: Digital solutions can enhance security measures to prevent cheating and ensure fairness.
Environmental Friendliness: Reducing paper consumption contributes to sustainable practices.
Flexibility: Exams can be customized and adapted to different learning styles and assessment needs.
Data-Driven Insights: Detailed analytics provide valuable insights into student performance and overall exam effectiveness.

By Dr. Rupali Gill
A paperless examination system typically involves the following components:

Question Bank: A centralized repository of questions, categorized by subject and difficulty level.
Exam Generation Software: Tools to create customized exams, including multiple-choice, fill-in-the-blank, and essay-type questions.
Student Interface: A user-friendly interface for students to access and attempt exams on their devices.
Proctoring Software: To monitor student activity during the exam, ensuring integrity and preventing cheating.
Grading and Analysis Tools: Automated tools to evaluate responses and generate detailed performance reports.

By Dr. Sushil Kumar Narang
Paperless examinations offer significant benefits for educational institutions:

Cost Reduction: Reduced costs associated with printing, paper, and manual grading.
Improved Efficiency: Faster exam processing and result declaration.
Enhanced Security: Robust security measures to prevent cheating and data breaches.
Data-Driven Decision Making: Valuable insights into student performance and curriculum effectiveness.
Green Initiatives: Reduced environmental impact by minimizing paper usage.
Student Satisfaction: Modern, technology-driven exam experiences.
By adopting paperless examinations, educational institutions can streamline their assessment processes, enhance student experiences, and contribute to a more sustainable future.

2. Course Era Blended Learning

SDG NO 4(4.1) SDG Goal Name Quality Education

Owing to a large strength, the department witnesses a huge demographic disparity in the students as they belong to different states, backgrounds, cultures and income groups. The students belong to Rural, Semi-urban and urban areas. The department has taken course era licenses for students, faculty and staff members to provision them to under go courses that are multi-disciplinary in nature. Thus, assisting a student from rural background to undergo courses related to personality development and finance management etc. which will be achieved till the end of 2025.

- Quality Content: Students often praise the high quality of content provided by top universities and industry experts.
- Flexible Learning: The platform's self-paced nature allows learners to balance their studies with work and personal commitments.
- Diverse Course Offerings: A wide range of courses in various fields, from technology to humanities, catering to diverse interests.
- Interactive Learning: Many courses include engaging quizzes, assignments, and peer reviews to enhance the learning experience.
- Affordable Certificates: Coursera offers affordable options for obtaining verified certificates, making it accessible to a broader audience.
- Global Community: The platform fosters a global learning community where learners can connect with peers and instructors.

3. Projects For Human Settlement And Sustenance Via Peer Mentoring

SDG NO 11(11.3) SDG Goal name Sustainable Cities and Communities

The Department is planning to focus on discovering major initiatives towards human sustainability via projects, case studies which will be achieved till the end of 2029.

Insights by Dr. Deepak Thakur

Project: Student Performance Monitoring System

Overview

This project aims to develop a comprehensive student performance monitoring system that tracks key metrics such as attendance, lecture engagement, and mock test performance. By leveraging technology, this system provides valuable insights into student behavior and

academic progress, enabling educators to identify areas for improvement and tailor their teaching strategies accordingly.

Key Features

Attendance Tracking

Real-time attendance tracking through biometric or facial recognition systems.
Automatic generation of attendance reports, including daily, weekly, and monthly summaries.
Alerts for irregular attendance patterns.
Lecture Engagement Monitoring:

Video Analytics: Using AI-powered video analytics to analyze student engagement during lectures, including:
Facial recognition to detect attention levels.
Eye-tracking to measure focus on the screen.
Posture analysis to identify signs of disengagement.
Interactive Questioning: Integration with interactive polling tools to gauge student understanding and participation.
Mock Test Performance Analysis:

Automated grading and analysis of mock tests.
Detailed performance reports, including:
Overall performance trends.
Subject-wise strengths and weaknesses.
Comparison with peer performance.
Personalized feedback and recommendations.
Benefits:

Improved Student Performance: Timely insights into student progress enable educators to provide targeted support and intervention.
Enhanced Teaching Effectiveness: Data-driven insights help teachers refine their teaching methods and allocate resources effectively.
Increased Student Engagement: Real-time feedback and personalized learning experiences motivate students to actively participate in the learning process.
Efficient Administrative Tasks: Automated attendance tracking and performance analysis reduce administrative workload.
Technology Stack:

Backend: Python, Django, Flask, or Node.js for server-side development.
Frontend: React, Angular, or Vue.js for building user-friendly web interfaces.
Machine Learning: TensorFlow, PyTorch, or scikit-learn for implementing AI algorithms.
Database: PostgreSQL, MySQL, or MongoDB for data storage and retrieval.
Cloud Infrastructure: AWS, Azure, or Google Cloud Platform for deployment and scalability.
By combining cutting-edge technology with educational expertise, this student performance monitoring system empowers educators to create a more effective and personalized learning environment.

4. Sensitization of UG Students Towards SDG Via Research Activeness And Events Of Functional Units

SDG NO 4(4.7) SDG Goal name Quality Education

Students and faculty members of the department will be encouraged to pursue their research work towards orienting the SDG requirements, importance, current SDG societal issues and possible IT solutions which will be achieved till end of 2028.

Insights by Dr. Priyanka Gupta

Project: Stubble to Market - A Sustainable Solution
Project Overview:

This project aims to address the issue of agricultural waste, specifically stubble burning, by providing a sustainable solution for its utilization. By directly purchasing stubble from farmers and then processing and selling it in various markets, this initiative offers a win-win solution for both farmers and the environment.

Key Components:

Direct Procurement from Farmers:

Establish a network of procurement centers across agricultural regions.
Provide fair and competitive prices to farmers for their stubble.
Ensure timely payments and transparent transactions.
Stubble Processing:

Set up processing facilities to clean, dry, and package the stubble.
Explore various value-added products, such as:
Biofuel production

Organic compost
Construction material (e.g., bricks, insulation)
Paper production
Market Identification and Sales:

Identify potential markets for the processed stubble and its derivatives, including:
Industrial users
Agricultural input suppliers
Renewable energy companies
Establish strong distribution channels to reach these markets efficiently.
Environmental and Economic Benefits:

Reduced Pollution: By preventing stubble burning, the project significantly reduces air pollution and greenhouse gas emissions.
Soil Health Improvement: Proper stubble management can improve soil health, water retention, and nutrient cycling.
Farmer Empowerment: By providing a reliable market for their stubble, farmers can increase their income and reduce their reliance on unsustainable practices.
Economic Growth: The project can create new economic opportunities, including jobs in procurement, processing, and sales.
Challenges and Mitigation Strategies:

Seasonal Nature of Stubble: Implement efficient storage and logistics solutions to manage the seasonal variability of stubble supply.
Market Fluctuations: Conduct thorough market research and develop effective risk management strategies to mitigate price fluctuations.
Technological Limitations: Continuously invest in research and development to optimize processing techniques and enhance product quality.
By addressing the issue of stubble burning and promoting sustainable agricultural practices, this project has the potential to make a significant positive impact on the environment, economy, and rural communities.

5. Engaging Boys and Girls Equally In Class Representative Roles.
SDG NO 5(5.5) SDG Goal name Gender Equality

This activity empowers both genders, ensuring equal participation in leadership and decision-making processes, thereby challenging stereotypes and encouraging balanced representation. It demonstrates the university's commitment to creating a supportive and equitable learning environment for all students.

Additionally, the societies and clubs would organize activities that would have special awards for girl participants which will be achieved till 2025.

SDG 5: Achieve gender equality and empower all women and girls

Gender equality is a fundamental human right and is essential for a peaceful, prosperous, and sustainable world. SDG 5 aims to address the inequalities that exist between men and women.

Key aspects of SDG 5:

Ending discrimination: Eliminating all forms of discrimination against women and girls.

Ending violence: Preventing and ending all forms of violence against women and girls, including domestic violence, sexual harassment, and trafficking.

Empowering women: Empowering women and girls by ensuring their equal rights to education, healthcare, economic opportunity, and political participation.

Challenging harmful practices: Ending harmful practices such as child marriage, early marriage, and female genital mutilation.

Recognizing unpaid work: Recognizing and valuing unpaid care and domestic work, often disproportionately performed by women.

By achieving gender equality, we can unlock the full potential of societies and economies around the world.

6. Early Disease Detection via Digitalized Solution

SDG NO 3(3.8) SDG Goal name God Health and Well-Being

Students of department will be motivated to generate project under faculty mentorship that are oriented towards detecting diseases which will be achieved till the end of 2029.

Insights by Dr. Sushil Kumar Narang

AI-Powered Quality Control in Knee Cap Manufacturing

Revolutionizing Quality Assurance at Tynor Industries

Tynor Industries, a leading manufacturer of orthopedic products, has integrated an innovative AI-powered quality control system into its knee cap production process. This advanced technology utilizes computer vision and machine learning algorithms to automatically inspect

and assess the quality of each knee cap, ensuring that only products meeting the highest standards reach the market.

How the AI System Works:

Image Acquisition: High-resolution images of the produced knee caps are captured using advanced imaging techniques.

Defect Detection: The AI system employs sophisticated algorithms to analyze these images, identifying potential defects such as stitching errors, material inconsistencies, or dimensional inaccuracies.

Quality Assessment: The AI model, trained on a vast dataset of images, classifies each knee cap as either "good" or "defective."

Real-time Feedback: The system provides immediate feedback to production operators, allowing for timely adjustments and corrections.

Data-Driven Insights: The AI system generates detailed reports on product quality trends, helping Tynor to identify areas for improvement and optimize its manufacturing processes.

Benefits of AI-Powered Quality Control:

Enhanced Product Quality: By rigorously inspecting each knee cap, the AI system ensures that only high-quality products are delivered to customers.

Increased Efficiency: Automated quality control reduces the need for manual inspection, leading to faster production cycles and lower costs.

Improved Consistency: Consistent quality standards are maintained across all production batches.

Data-Driven Decision Making: The AI system provides valuable insights into production processes, enabling data-driven decision-making.

By leveraging AI technology, Tynor Industries is setting a new benchmark for quality and efficiency in the orthopedic industry, ultimately benefiting patients who rely on their products.

NSS Goals

Self-Defense

Physical Self-Defense:

What are some basic self-defense techniques that everyone should know?

How can one build physical strength and agility to enhance self-defense capabilities?

Discuss the importance of situational awareness and risk assessment in self-defense.

How can one practice self-defense techniques safely at home?

What are some common self-defense myths that people should avoid believing?

Mental Self-Defense:

How can one develop a strong mindset to overcome challenges and threats?

What are some effective stress management techniques to maintain mental resilience?

Discuss the importance of assertiveness in self-defense situations.

How can one build confidence and self-esteem to deter potential attackers?

What are some mental health strategies to help survivors of violence recover?

Mental Health

Understanding Mental Health:

What are the common mental health disorders and their symptoms?

How can we reduce the stigma associated with mental illness?

Discuss the importance of seeking professional help for mental health issues.

What are some self-care techniques to promote mental well-being?

How can we create a supportive environment for people with mental health challenges?

Mental Health in Specific Groups:

What are the unique mental health challenges faced by students?

How can we support the mental health of elderly individuals?

Discuss the impact of technology on mental health, both positive and negative.

What are the mental health implications of climate change and environmental stress?

How can we address the mental health needs of marginalized and underserved communities?

Sustainability

Environmental Sustainability:

What are the major environmental challenges facing our planet?

How can we reduce our carbon footprint and live more sustainably?

Discuss the importance of renewable energy sources and energy efficiency.

What are some practical tips for sustainable living at home?

How can we promote sustainable practices in our communities?

Social Sustainability

What are the social implications of climate change and environmental degradation?

How can we ensure equitable access to resources and opportunities?

Discuss the importance of social justice and human rights in achieving sustainability.

What are the challenges and opportunities of sustainable development in developing countries?

How can we promote social cohesion and community resilience in the face of environmental change?

Economic Sustainability

What is the relationship between economic growth and environmental sustainability?

How can we create a sustainable economy that benefits both people and the planet?

Discuss the importance of green jobs and sustainable businesses.

What are the economic benefits of investing in renewable energy and energy efficiency?

How can we promote sustainable consumption and production patterns?

Theme and Message

The theme for this year's United Nations Day centered on promoting global harmony and equality. The poster created by Bits N' Bytes conveyed a message of unity with the quote:

"On this United Nations Day, let's continue working towards a world of equality and harmony."

Poster Design Elements

The poster prominently featured elements symbolizing peace and unity:

Doves with Olive Branches: Representing peace and harmony, the doves symbolize the United Nations' commitment to conflict resolution and the promotion of a peaceful global community.

Globe with Laurel Wreath: The globe depicts the world as a unified entity, embraced by laurel wreaths symbolizing victory and achievement. It reminds us of the shared responsibility to protect our planet and to foster cooperation among nations.

Significance of United Nations Day:

United Nations Day, celebrated annually on October 24th, marks the anniversary of the entry into force of the United Nations Charter in 1945. This day is a global observance, highlighting the crucial role of the United Nations in fostering international peace, security, and cooperation. It serves as a reminder of the UN's enduring mission to unite countries and guide them toward solutions to shared challenges, including poverty, inequality, climate change, and humanitarian crises. United Nations Day is an occasion for nations, organizations, and individuals worldwide to renew their commitment to the ideals of the UN and its Sustainable Development Goals (SDGs), which aim to create a more sustainable, just, and peaceful world by 2030.

Additionally, United Nations Day offers a moment to recognize the collaborative spirit necessary to address global challenges that no single nation can solve alone. As issues such as climate change, cybersecurity, and pandemics increasingly transcend borders, the role of the UN in facilitating global dialogue and cooperation becomes more critical than ever. The observance of this day also helps to promote a culture of empathy, respect, and understanding among people from different nations and backgrounds, fostering an environment where diversity is celebrated as a strength rather than a dividing factor.

At Chitkara University, United Nations Day served as a call to action for students, faculty, and staff to contribute positively to their communities and to global society. By engaging with the values of the United Nations, the university emphasized the importance of collective responsibility and inspired students to use their academic pursuits and future careers to make meaningful contributions toward a more peaceful, equitable, and sustainable world.

Conclusion

The celebration of United Nations Day by the Bits N' Bytes club at Chitkara University highlighted the importance of unity and cooperation in today's world. By recognizing this day, the Department of Computer Science & Engineering reinforces its commitment to contributing to a world where equality and peace are prioritized. This initiative not only reflects the values upheld by the United Nations but also encourages students to become global citizens who are aware of and contribute positively to global issues.

Name of Activity	UN DAY 2024 CELEBRATIONS
Name of Organizing Institute	Centre of Excellence for Sustainability in collaboration with Go Global
Mode	Offline
Date	24 Oct 2024
Duration	One Day
Venue:	Alpha Zone and Exploratorium
SDG	All SDGs

United Nations Day is an **annual commemorative day** that reflects the official creation of the United Nations on October 24, 1945.

The UN DAY 2024 was celebrated at CHITKARA UNIVERSITY, Punjab, India with a lot of pomp and splendor!!

On **24th October 2024**, the Centre of Excellence for Sustainability of Chitkara University, Punjab Campus, celebrated **UN Day**. The celebrations, as designed by the Centre, under the Chairmanship of **Sqn Ldr (Dr) Rina Angel** included a **Sustainability Fair, a Fireside chat and some cultural performances** with a cross-cultural understanding, sustainability awareness, and institutional growth.

This UN Day celebrations marked yet another milestone in the university's commitment to global citizenship, cultural understanding, and sustainability.

- **<u>Highlight the Importance of UN Day and SDGs Awareness</u>**
  Described the significance of UN Day and the university's commitment to the United Nations' Sustainable Development Goals (SDGs), underlining the necessity of educating students on global issues related to sustainability.

- **Document the Fashion Show as a Creative Expression of the SDGs**
  Provided insights into the fashion show's theme centered around the 17 UN SDGs, showcasing how students used fashion as an innovative medium to raise awareness on each goal.
- **Showcase Sustainability Initiatives at the Sustainability Fair**
  Summary of the Sustainability Fair, with nearly 40 stalls, that presented ideas, projects, and actions related to sustainability. Detail the participation of various colleges, schools, and departments in demonstrating their commitment to environmental conservation.
- **Acknowledge the Leadership and Inauguration by Dr. Madhu Chitkara**
  Emphasized the role of Dr. Madhu Chitkara, Pro Chancellor of Chitkara University, in supporting and encouraging sustainability initiatives by inaugurating the fair and engaging with participants at each stall.

- **Promote a Campus-Wide Commitment to Green Practices**
  Captured the event's objective of fostering a culture of environmental consciousness across the campus, highlighting collaborative efforts by students, staff, and faculty in contributing to a greener Earth.
- **Encourage Further Engagement in Sustainability Efforts**
  Inspire the campus community and external readers to engage with and support sustainability efforts, emphasizing the impact of individual and collective actions toward achieving the UN SDGs.
- **Celebrate the Event's Success and Impact on the Campus Community**
  Reflect on the success of the UN Day Celebration, capturing feedback from participants, the impact of the event on attendees, and future plans to continue promoting sustainable practices across the university.

Guidelines for Setting Up Stalls

As part of our commitment to sustainability, all stalls must focus on eco-friendly themes. Stall can include:

- Selling sustainable merchandise (eco-friendly products, upcycled items) -

- Hosting activities that promote sustainability (workshops, demonstrations)
- Offering products or services that contribute to sustainable living (e.g., zero-waste solutions, renewable energy products)

To ensure a smooth experience, we had outlined a few key guidelines for the event:

- **Booking and Payment**: Confirm availability and eligibility with the event organizer before making any payments.
- **Setup and Presentation**: Stalls should use minimal and sustainable materials for decoration.
- **Waste Management**: Stallholders are responsible for managing waste sustainably, with proper segregation.
- **Electricity Usage**: Please use electricity responsibly and avoid high-power-consuming equipment unless approved in advance.

A VISIT TO THE SUSTAINABLE STALLS

At the Sustainability fair, with nearly forty stalls overflowing with ideas and actions undertaken on Sustainability, it was a fair that was one of its kind, where all colleges, schools and departments of the Campus showcased their contributions towards keeping the Earth Green! Hon'ble and Revered Pro Chancellor of Chitkara University, the very elegant

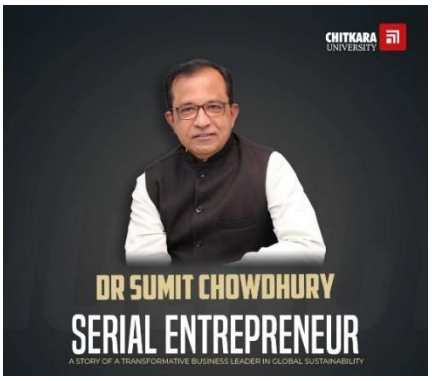
Dr. Madhu Chitkara, inaugurated the Fair and was at each stall to encourage the students, staff and faculty. As always, she patiently understood what each contribution was, and shared her thoughts on how they could contribute even better and other ideas that they could work on!! She encouraged each participant to continue to work as passionately as they were towards the noble cause of staying green.

Dr. Sumit Chowdhury, Founder and CEO of GreenEarthX also visited all the stalls. While he interacted with all the students as they explained their projects, he went on and tried many of the projects created by the students, appreciated research projects, happily availed some of the health checkups at the Fair, and understood the efforts of Infrastructure operations.

Students, faculty and staff from all colleges and schools visited the Fair and so did the International Faculty of Global Week. Students presented innovative projects and ideas, with startups rooted in sustainability principles joining the event. One team performed a nukkad naatak, while several departments organized games to creatively promote the message of sustainability.

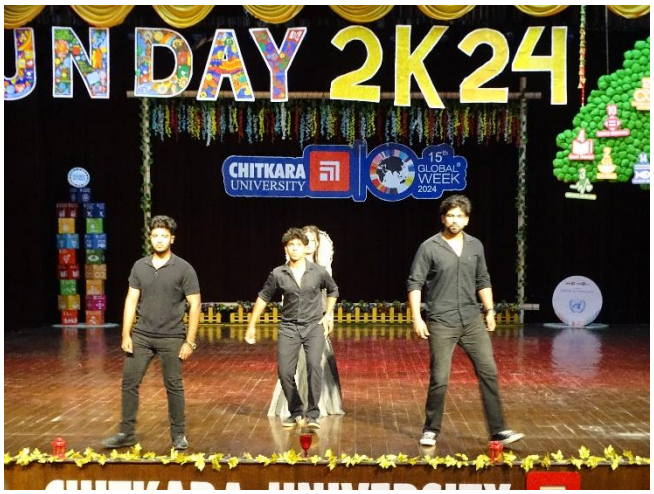
FIRESIDE CHAT

A **fireside chat** featuring **Dr. Sumit Choudhary, Founder and CEO of GreenEarthX and a serial entrepreneur in Global Sustainability** moderated by our esteemed **Vice Chancellor, Dr. Sandhir Sharma**, delved into global trends, sustainability, and the crucial role of educational institutions in advancing the UN Sustainable Development Goals (SDGs). This insightful conversation, which was attended by our students and faculty, including the **international faculty who are on campus as part of the Global Week**, emphasized the power of education in driving transformative change.



FASHION SHOW

The event then transitioned to an impactful fashion show themed around the 17 UN SDGs. Each ensemble illustrated the significance of these goals, while also addressing the dire consequences of neglecting them. This visual presentation, where models of Panache from the Office of Student Affairs worn costumes created from discarded clothes by the School of Fashion Design captivated the audience with its thought-provoking portrayal of environmental and social responsibility.



A VISIT TO THE YELLOW POINT FARM

In the visit to the Yellow Point Farm by Dr. Sumit Chowdhury, the officials showcased the different sustainability ventures (more than a dozen ventures) including Miyawaki forest, biogas plant, mushroom production, organic farming, mechanised decomposer, vermicomposting pits, the STP plant, and much more.

INAUGRATION OF CENTRE OF EXCELLENCE FOR SUSTAINABILITY

Dr. Sumit Chaudhary inaugurated the newly established Centre of Excellence for Sustainability, a pioneering initiative aimed at advancing research, innovation, and practical solutions in sustainable development.


CHITKARA
Dr. Sumit D. Chowdhury


CENTRE OF EXCELLENCE FOR SUSTAINABILITY

Event Details	
Event Type	Competition
Topic	Rangoli Competition and Diwali Celebration
Date	2024-10-25 to 2024-10-25
Mode	Offline
Organizer Name	Chitkara Law School
Resource Person	Prof.(Dr.) Ajay Ranga|Professor and Dean, Dr. Jasdeep Kaur|Associate Professor, Dr. Polaki|Assistant Professor
No. of Participants	52
SDG No	SDG 4: Quality Education, SDG 3: Good Health and Well-being, SDG 8: Decent Work and Economic Growth, SDG 11: Sustainable Cities and Communities

Objective

1. To enhance cultural Inclusivity
2. To strengthen bonds and Community Building
3. To boost mental Well-being and reduce stress
4. To showcase skills and Talent Recognition and Development
5. To encourage Art and Culture and Creative Expression

Description

The event Celebrating Diwali was organized with the core aim of promoting cultural inclusivity, strengthening community bonds, and encouraging holistic development among students. With a series of engaging activities, such as a Rangoli competition and a talent hunt, the event provided a vibrant platform for students to express their creativity, talents, and teamwork. The celebration of Diwali not only emphasized the importance of art and culture but also offered an opportunity for students to de-stress and enjoy the festive spirit in a collaborative environment. Event Overview: The event was designed to create a lively and inclusive atmosphere, drawing students from diverse backgrounds together to celebrate the essence of Diwali. The Rangoli competition, a popular cultural activity, allowed participants to display their creativity through colorful designs, while the talent hunt offered students the chance to showcase their varied skills, including singing, dancing, and dramatic performances. These activities not only highlighted students' artistic abilities but also nurtured their teamwork and collaboration. Dr. Manish also shared the social and religious thoughts on Diwali festival. Prof. (Dr.) Ajay Ranga along with Dr, Jasdeep Kaur and Dr. Polaki felicitated the teams for their best performance in Rangoli competition and special

performance in dancing and other activities. 1. Enhanced Cultural Awareness: The event contributed significantly to increasing students' understanding and appreciation of diverse cultural traditions. Students from different backgrounds engaged in conversations about Diwali, fostering an environment of inclusivity and respect for various cultures. This led to improved relationships and a stronger sense of community within the college. 2. Boosted Mental Well-being: By engaging in creative and fun-filled activities, students experienced a positive impact on their mental health. The event served as a stress reliever, providing students with a break from academic pressures, while enhancing their mood and overall well-being. 3. Talent Identification and Development: The talent hunt allowed students to showcase their diverse skills, which helped in boosting their confidence and encouraging future participation in similar events. Many students received recognition for their talents, which helped open avenues for their growth and development. 4. Encouraged Creative Expression: The event promoted innovative thinking, as students designed intricate Rangolis and performed talents that required creative flair. This experience not only encouraged students to think outside the box but also enhanced their artistic abilities. In conclusion, Celebrating Diwali successfully met its objectives by fostering a greater sense of community, promoting cultural awareness, enhancing mental well-being, and providing a platform for creative expression. It served as a memorable and enriching experience for all participants, leaving a lasting impact on the students and the participants.

Outcomes

1. The students gained enhanced cultural awareness and increased understanding and appreciation of cultural diversity among students. This Improved relationships and a stronger sense of community within the college.
2. Improved and better mental health and well-being among students due to engaging in creative and enjoyable activities.
3. Identification and nurturing of students' talents, boosting their confidence and prospects.
4. Enhanced creative skills and innovative thinking among students.

Event Details	
Event Type	Competition
Topic	Sustainable Spark-Diwali with an Eco Twist(A sustainable Diwali Decoration Competition)
Date	2024-10-25 to 2024-10-25
Mode	Offline
Organizer Name	Chitkara Business School
No. of Participants	40
SDG No	SDG 9: Industry, Innovation and Infrastructure, SDG 11: Sustainable Cities and Communities, SDG 12: Responsible Consumption and Production, SDG 15: Life on Land

Objective

1.Promote Eco-Friendly Practices: Encourage participants to use sustainable materials for decorations, demonstrating how traditional celebrations can be made environmentally friendly
through mindful choices.
2. Enhance Creativity with Sustainability: Inspire students to combine creativity with sustainability
by creating innovative, eco-conscious Diwali decorations that reflect both tradition and environmental awareness.
3. Raise Awareness on Responsible Celebrations: Educate participants on the impact of conventional festive practices on the environment, motivating them to adopt more responsible and
sustainable celebration methods.
4. Build a Sense of Community and Collaboration: Foster teamwork and collaboration among
students from different departments as they work together to decorate assigned spaces, strengthening campus unity.
5. Support Sustainable Development Goals: Align the event with the UN Sustainable Development
Goals, particularly focusing on responsible consumption and environmental sustainability, to encourage long-term positive behavior among students.

Description

The "Sustainable Spark: Diwali with an Eco-Twist" event was a unique initiative by Chitkara Business School to blend the vibrant celebration of Diwali with a strong message of environmental consciousness. Organized on 25th October 2024 by the CBS and Seagulls Club, this event aimed to inspire students to think sustainably and embrace eco-friendly practices, especially in festive decorations. With Diwali being one of the most celebrated festivals, the event encouraged students to enjoy its traditions while making mindful, environmentally responsible choices. The main highlight of the event was an innovative decoration competition, where different departments were given designated floors within the Rockefeller and Martin Luther Blocks. Each department was tasked with creating beautiful, eco-conscious Diwali decorations, transforming the spaces into captivating showcases of sustainable design. Students embraced the challenge by using biodegradable and natural materials, demonstrating that decorations can be both visually appealing and environmentally friendly. Through the use of items such as recycled paper, clay diyas, natural colors, and minimal plastic, participants displayed creativity while maintaining an eco-conscious approach. The event not only brought out students' artistic sides but also fostered a sense of teamwork and collaboration among the various departments. By working together on their assigned floors, students had the opportunity to connect and learn from each other's ideas on sustainability. This interactive aspect of the event built a strong sense of community, allowing students from different backgrounds to bond over a shared commitment to the environment. Additionally, "Sustainable Spark" aligned with Chitkara University's broader mission of promoting sustainable development goals, particularly those focused on responsible consumption and environmental protection. The event served as a practical application of these principles, giving students a chance to practice sustainability in a way that was both fun and educational. Through this hands-on experience, they gained valuable insights into how small, conscious choices can make a significant difference in reducing environmental impact. In essence, "Sustainable Spark: Diwali with an Eco-Twist" was more than just a decoration competition; it was an inspiring step towards nurturing a mindset of sustainability among students. By combining tradition with environmental responsibility, Chitkara Business School demonstrated that even the smallest actions, when done collectively, can contribute to a healthier planet. The event was a memorable celebration of Diwali that left a lasting impact on participants, encouraging them to carry forward these sustainable practices in all areas of their lives

Outcomes

1. Enhanced Teamwork and Collaboration: The event fostered a strong sense of teamwork as students from various departments worked together to decorate assigned spaces. This collaborative effort helped students learn to share ideas, delegate tasks, and

build a sense of unity while working toward a common, eco-friendly goal.
2. Increased Awareness of Eco-Friendly Practices: Participants gained a deeper understanding of sustainable practices, especially in the context of festival celebrations. By using biodegradable materials and natural elements in their decorations, students learned practical ways to reduce environmental impact, which they can carry forward into their daily lives.
3. Boosted Creativity and Innovation: The competition encouraged students to think outside the box and create visually appealing decorations with minimal environmental footprint. This opportunity to innovate within constraints enhanced their creative skills and showed them how limitations can lead to unique, sustainable solutions.
4. Strengthened Appreciation for Sustainable Development Goals: Through hands-on experience, students connected with the broader principles of sustainability promoted by the United Nations' Sustainable Development Goals. This event instilled in them a commitment to responsible consumption and environmental stewardship, aligning with global sustainability initiatives.
5. Improved Event Management and Organizational Skills: Organizing and participating in the event provided valuable experience in planning, budgeting, and executing a large-scale project. These skills are transferable to future projects, equipping students with practical knowledge in event management and strategic planning.

Event Name	Expert Talk On Hands on Workshop on Innovative Multiple Integral and Curve Tracing
Date	2024-11-05 to 2024-11-05
Venue	Faraday Hall, Edison Block, Chitkara University
Organizer	Dr. Nidhi Bansal Garg
Resource Person	Dr. Mohit Kumar Kakkar
Number of Participants	69
SDGs Covered	SDG 7: Affordable and Clean Energy, SDG 11: Sustainable Cities and Communities, SDG 13: Climate Action
Duration	2 hrs

About the Activity

The Department of Applied Sciences, Chitkara University Institute of Engineering and Technology, Chitkara University, Punjab, organized an expert talk on " Hands on workshop on Innovative Multiple Integral and Curve Tracing " in Faraday Hall (Edison Block) under the aegis of SDG “Affordable and Clean Energy, Sustainable Cities and Communities Climate Action (SDG no. 7, 11and 13)” 1:30 pm onwards. Total 69 participants attended this talk. The aim of the expert talk is to provide students with hands-on skills in computational methods for evaluating multiple integrals and analyzing curves, using software tools or programming for more efficient calculations. Also to help students build a solid understanding of multiple integrals and curve tracing, fundamental tools in calculus and engineering mathematics. The resource person for the talk is Dr. Mohit Kumar Kakkar Dean of Applied Sciences in the Chitkara University Institute of Engineering and technology. Dr. Reetu Malhotra, Professor (PI), Department of Applied Sciences, Chitkara University Institute of Engineering and Technology, Chitkara University Punjab expressed thanks to resource person for encouraging and inspiring the students for this talk.

Objectives of the event

1. To provide participants with a strong foundation in multiple integrals and curve tracing.
2. To teach participants effective methods for tracing curves, understanding their properties,

and visualizing complex functions.

3. To explore advanced topics related to multiple integrals and curve tracing independently, creating a foundation for further study.
4. To help participants gain better intuition for multivariable calculus concepts through graphical representations of multiple integrals and curves.

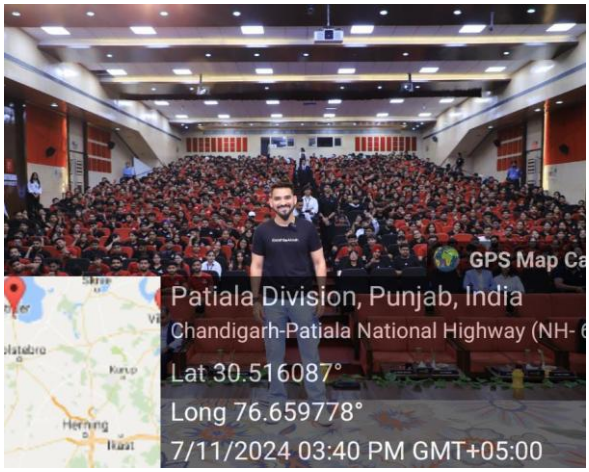
Outcome or Key take away from the event

1. Participants build a strong foundational knowledge, preparing them to engage with advanced topics in multivariable calculus and applied mathematics.
2. Participants understand how multiple integrals and curve tracing are applied in fields like physics, engineering, computer science, and data science.
3. Participants understand tools and software used for multiple integrals and curve tracing, improving their computational efficiency and confidence.
4. Participants learn the approach to tackling multidimensional calculus problems, which can be applied to their academic or professional work.


CERTIFICATE

Title: Impact and Innovation: Sustainable Solutions for Tomorrow		
1	**Type of Activity**	Level-1 Activity
2	**PROGRAM THEME (KEYWORDS)**	**Impact and Innovation: Sustainable Solutions for Tomorrow**
3	**LINK (Pre Link)**	https://www.facebook.com/share/1DvSKo9Cxg/
	LINK (Post Link)	
4	**Program Type**	Knowledge Session
	Nomenclature	Expert Talk
	Duration of the activity	**120 Minutes**
5	**Description of the event not more than 100 words (Final Report)**	
	CEED organized a session on 'Impact and Innovation: Sustainable Solutions for Tomorrow' with Mr. Akash Gupta, CEO- Zypp Electric on November 7, 2024 from 2.30 PM onwards at Exploretorium in offline mode. The session was crafted to empower students & aspiring entrepreneurs by providing them with the insights, methodologies and inspiration to turn their ideas into real ventures. Mr. Akash Gupta shared his entrepreneurial experience of founding two ventures. Mr. Gupta guided aspiring entrepreneurs through the key stages of venture building & shared his journey of founding Zypp Electric. He also talked about the green mobility and opportunities for entrepreneurs in the sectors through-out the decade. He emphasized the importance of co-founders in building a venture.	
6	**Kindly justify the activity conducted by your respective department will fit as IIC event (Point No 2 should be taken care of-Maximum 100 words).**	
	This session guided aspiring entrepreneurs to discover the future potential of the	

	clean tech industry and the opportunities that await in the rapidly growing field of sustainable logistics. The speaker provided valuable insights into emerging trends, new technologies, and how young entrepreneurs can position themselves to capitalize on these shifts. The students learned how to create a business model that aligns profitability with purpose and crafting their own unique value proposition while keeping social and environmental impact at the core. The event was well-organized, with a high level of participation and engagement from students.	
7	**Start and End date of the event:** 07/11/2024 to 07/11/2024	
8	**Mention minimum number of students (Event):** 650	
9	**Mention minimum number faculty (Event):** 2	
10	**Objective of the event in 3 words (90 Characters) only:** Inspiring Students to Build Successful Ventures	
11	**Benefit of the activity in 5 words (120 Characters) only:** Deep Understanding of opportunities in sustainable domain, team Building, Revenue Generation methods	
12	**Video URL**	**https://drive.google.com/file/d/19sQy2ZKFihmcQ5ztAxXy5_jdVbzezSp5/view?usp=sharing**
13	**SDG Covered – SDG 9, SDG 11, SDG 13**	

Flyer Photograph (<2MB) 	**Photographs with Speaker/Students (<2MB)**  
Photographs with Speaker/Students (<2MB 	**Photographs with Speaker/Students (<2MB** 
Note	
Name of Department:	**CEED**
Name of Organiser with Mail ID &	Prashant Singh & 7060740487 prashant.s@chitkara.edu.in

Contact Number:	
Resource Person Details:	
Name:	**Akash Gupta**
Designation:	**Co-Founder**
Organization:	**Zypp Electric**
Mail ID:	**N/A**
Contact No.	**N/A**

Event Details	
Event Type	Competition
Topic	Design Tech Expo: Design Thinking Principles for Prototype Development
Date	2024-11-08 to 2024-11-08
Mode	Offline
Organizer Name	Dr Amit Kumar
Resource Person	Dr Rajvir Singh|Associate Professor
No. of Participants	40
SDG No	SDG 4: Quality Education, SDG 3: Good Health and Well-being, SDG 11: Sustainable Cities and Communities, SDG 9: Industry, Innovation and Infrastructure

Objective

- To provide a platform for students to display their innovative projects, demonstrating the intersection of design, technology, and creativity.
- To encourage knowledge-sharing and collaboration among students for inpiring future advancements in the prototypes.
- To support students with the development of technical, analytical, and communication skills by encouraging them to refine their projects, articulate their concepts effectively, and integrate feedback for continuous improvement.

Description

The Center for Global Education, in collaboration with the Department of Electronic and Communication Engineering, successfully organized the Design Tech Expo: Design Thinking Principles for Prototype Development on November 8, 2024. The event served as an engaging and interactive platform for students to explore the transformative potential of design thinking in creating innovative prototypes. The primary focus of the Design Tech Expo was to showcase the outstanding work of second-year Software Engineering students. These students applied design thinking principles to develop functional prototypes that were

not only creative but also demonstrated practical solutions to real-world challenges. The projects highlighted the fusion of creativity, problem-solving skills, and technical expertise, emphasizing user-centered design approaches. Each prototype reflected the students' dedication to addressing societal needs through thoughtful and innovative engineering practices. The event featured an evaluation panel led by Dr. Rajvir Singh, Associate Professor at the Department of Electronics and Communication Engineering, CUIET. His expert insights and constructive feedback added tremendous value to the participants. Among the many remarkable prototypes presented, Mr. Tarunjeet Singh's project, VisionFit, stood out as the winner of Design Tech Expo 2024. His work demonstrated exceptional innovation and practical applicability. The First Runner-up position was awarded to Mr. Shubham Rana for his project, Papermate, a creative solution addressing eco-friendly paper reuse. The Second Runner-up position was shared by two outstanding projects: Bhoomika's Medicine Reminder and Adherence, which tackled the critical issue of medication compliance, and Mr. Shalok Sharma's Nutri Manager, a comprehensive tool aimed at promoting healthy eating habits. The winners and participants were felicitated by Dr. Shivani Malhotra, Dean of the School of Engineering, who commended their remarkable efforts and achievements. In her address, she emphasized the importance of design thinking in fostering innovation and urged students to continue exploring their potential to address complex challenges through technical and creative solutions. The Design Tech Expo 2024 proved to be a dynamic and inspiring event, encouraging students to harness the principles of design thinking and apply them in meaningful ways. It highlighted the role of interdisciplinary collaboration and user-focused development in creating impactful solutions. Events like these continue to pave the way for nurturing the next generation of innovative thinkers and problem solvers.

Outcomes

- Students presented their working prototypes, which were designed using cutting-edge technologies. This allowed them to demonstrate their technical ingenuity, creativity, and ability to apply advanced concepts to solve real-world problems.
- Students actively interacted with peers, evaluators, and faculty members during the event. These discussions provided constructive feedback and valuable insights to help refine and enhance their prototypes for future iterations and improvements.
- The event served as a platform for students to deepen their understanding of technical concepts and gain hands-on experience in implementing innovative ideas. It reinforced their knowledge and capability to work with modern tools and technologies.
- By presenting their ideas and engaging in discussions, students enhanced their interpersonal and communication skills. The experience of articulating their projects and

collaborating with others was instrumental in building their confidence and professional competency.

Event Name	Workshop
Topic	One-day Workshop on Lintels and Arches: Design, Application, and Construction Techniques.
Date	22 Nov 2024
Venue	CSPA, Chitkara University, Punjab
Organizer	Chikara School of Planning and Architecture, Chitkara University
Resource Persons	Ar. Charanpreet Singh
No. of Participants	49
SDG No.	SDG- 4,11,17

The Skill-Based Workshop titled '**Lintels and Arches: Design, Application, and Construction Techniques,**' organized by Chitkara School of Planning and Architecture on November 22, 2024, provided participants with a comprehensive understanding of essential architectural elements. Led by Ar. Charanpreet Singh, the workshop emphasized structural stability and construction techniques, aligning with several Sustainable Development Goals (SDGs). It supports SDG 4: Quality Education by enhancing participants' knowledge and skills in architecture through hands-on learning experiences. The focus on practical applications also contributes to SDG 11: Sustainable Cities and Communities, as understanding design techniques is crucial for creating resilient urban environments. Additionally, the workshop fosters collaboration among faculty and staff from various departments, reflecting SDG 17: Partnerships for the Goals, which emphasizes the importance of collaborative efforts in achieving sustainable development. By bridging theoretical knowledge with practical application, the workshop not only enriches architectural education but also reinforces the significance of innovative design in contributing to sustainable built environments.


ners in nature.
traight lines


CHITKARA UNIVERSITY
LET'S TALK ARCHITECTURE
G20
SPA
Skill-Based Workshop on:
LINTELS AND ARCHES: DESIGN, APPLICATION AND CONSTRUCTION TECHNIQUES
Resource Person:
Ar. Charanpreet Singh
Principal Architect at SB Architects, Patiala
Date: 22nd November, 2024
Time: 9:30 AM onwards
Venue: G-2 Studio, Ground Floor, CSPA
Faculty coordinators:
Ar. Jasmeet Kaur | Associate Professor, CSPA
Ar. Kritika Arora | Assistant Professor, CSPA
Event Curated by:
Department of Architecture
Chitkara School of Planning & Architecture,
Chitkara University, Punjab
Organised by:
Chitkara School of Planning and Architecture,
Chitkara University, Punjab

Event Details	
Event Type	Colloquium
Topic	Global HR Conclave- Reimagining Global HR in the BANI World
Date	2024-11-22 to 2024-11-22
Mode	Offline
Venue	Sunhall & Exploretorium
Organizer Name	MBA- HR Department
Resource Person	Javeed Ashraf Khan|Director of Talent Acquisition and Global Mobility, Kunal Wadhwani|Chief Human Resources Officer , Capt (Dr) Pranav Prasoon|Chief People Officer, Monica Divik Agarwal|Head of People & Talent , Sunita Bhuyan|
No. of Participants	74
SDG No	SDG 3: Good Health and Well-being, SDG 4: Quality Education, SDG 8: Decent Work and Economic Growth, SDG 9: Industry, Innovation and Infrastructure, SDG 11: Sustainable Cities and Communities, SDG 13: Climate Action, SDG 16: Peace, Justice and Strong Institutions, SDG 17: Partnership for the Goals

Objective

The Global HR Conclave was planned to achieve the following objectives:

* To Explore the characteristics of a Brittle, Anxious, Nonlinear, and Incomprehensible (BANI) world and its implications for global business and HR practices.
* Identify innovative approaches to workforce management, recruitment, and retention that align with the dynamics of the BANI environment.
* Adapt HR strategies to address unpredictability, complexity, and rapid change in global markets.
* Discuss the importance of building a resilient and agile workforce to navigate disruptions effectively.
* Explore holistic approaches to mental health, work-life balance, and emotional resilience.
* Encourage cross-industry collaboration to co-create innovative HR practices.

Description

The HR Conclave 2024 focuses on navigating the challenges of a BANI world—one that is Brittle, Anxious, Nonlinear, and Incomprehensible. Through insightful discussions, interactive sessions, and expert panels, the conclave will explore how organizations can

foster resilience, embrace technological advancements, enhance employee well-being, and build inclusive, future-ready workforces. The topics highlighted by the speakers were as follows: Javeed Khan (Director of Talent Acquisition and Global Mobility, KPMG Middle East) spoke on the topic of "Preparing for the road ahead in the BANI World". Kunal Wadhwani- (Chief Human Resources Officer Choithrams (Dubai UAE) highlighted the need of "Leading with the mindset in the BANI World". (Capt.) Dr. Pranav Prasoon- (Chief People Officer, TRUKKER (Dubai) addressed to the topic of "BANI World and New Age Companies, new workplaces, new future". Monica Divik Agarwal- (Head of People & Talent - Money Hero Group, Singapore) shared insights on "Reimagining Employee Experience in the BANI World". The session was made more enriching by Ms. Sunita Bhuyan who conducted a session on Sahakriya - Wellbeing, Creativity and Leadership through MUSIC for all the participants and delegates.

Outcomes

The following objectives were achieved after the successful completion of the Global HR Conclave 2024;

* Enhanced Understanding of the BANI Framework.
* Focus on Employee Well-being.
* The conclave provided a platform for peer learning and collaboration, fostering new partnerships and exchanges of innovative ideas among HR professionals globally.
* Attendees explored future-oriented topics, including hybrid work models, upskilling, and the evolving gig economy, enabling them to stay ahead in talent management.

Event Details	
Event Type	Expert Talk
Topic	Aerial Mobility: Navigating the Challenges and Opportunities of eVTOL
Date	2024-11-26 to 2024-11-26
Mode	Offline
Organizer Name	Dr. Sonam Aggarwal, Assistant Professor, DECE, CUIET, Chitkara University, Punjab
Resource Person	Mr. Kuljeet Sandhu|CEO, Nalwa Aero Pvt. Ltd., Mr. Nelson Salas|CTO, Nalwa Aero Pvt. Ltd.
No. of Participants	127
SDG No	SDG 4: Quality Education, SDG 7: Affordable and Clean Energy, SDG 8: Decent Work and Economic Growth, SDG 9: Industry, Innovation and Infrastructure, SDG 11: Sustainable Cities and Communities, SDG 12: Responsible Consumption and Production, SDG 13: Climate Action, SDG 15: Life on Land, SDG 17: Partnership for the Goals

Objective

Participants will be able to:

• Understand the fundamental concepts and applications of eVTOL technology in modern urban mobility.

• Identify the key challenges, such as regulatory hurdles and technological limitations, associated with eVTOL adoption.

• Explore the opportunities eVTOL systems present for sustainable and efficient transportation solutions.

• Gain insights into real-world advancements and industry practices shared by experts from Nalwa Aero.

• Engage in meaningful discussions about the future of aerial mobility and its societal, economic, and environmental impacts.

• Draw inspiration for research, innovation, and entrepreneurial ventures in the field of aerial mobility.

Description

The Department of Electronics and Communication Engineering, in collaboration with the Centre for Global Education, successfully organized an enlightening expert talk titled "Aerial Mobility: Navigating Challenges and Opportunities of eVTOL" on 26th November 2024. This event brought together industry expertise and academic curiosity, offering a deep dive into the rapidly growing field of electric vertical takeoff and landing (eVTOL) technology. The session featured two distinguished speakers: Mr. Kuljeet Sandhu, CEO of Nalwa Aero, and Mr. Nelson Salas, CTO of Nalwa Aero, both of whom are trailblazers in the aerial mobility sector. The speakers shared their extensive experience and knowledge, shedding light on the transformative potential of eVTOLs in urban and interurban transportation. Mr. Kuljeet Sandhu provided an entrepreneurial perspective, discussing the strategic vision of Nalwa Aero, market trends, and the opportunities that eVTOL technology presents for revolutionizing mobility. He emphasized the role of innovation, infrastructure, and business strategies in making eVTOL solutions commercially viable. Complementing this, Mr. Nelson Salas offered a detailed technical overview of eVTOL systems, focusing on advancements in propulsion technologies, battery efficiency, and the critical role of design innovation. The event also addressed pressing challenges, such as regulatory frameworks, operational safety, and environmental sustainability. It provided a platform for an engaging dialogue during the interactive session, where students, faculty, and researchers posed insightful questions to the experts. Discussions ranged from the societal and economic implications of eVTOL adoption to the future roadmap for integrating this technology into mainstream transportation networks. The expert talk served as a comprehensive introduction to the dynamic world of eVTOL, inspiring participants to delve deeper into research, innovation, and entrepreneurship in the aerial mobility domain. By bridging the gap between industry and academia, this event highlighted the importance of interdisciplinary collaboration in tackling the challenges and leveraging the opportunities that eVTOL technology offers. The session concluded with a vote of thanks, acknowledging the valuable contributions of the speakers, the organizing team, and the enthusiastic audience.

Outcomes

- Participants gained a comprehensive understanding of the eVTOL landscape, including its challenges, opportunities, and future potential.
- The session fostered a deeper interest among students and faculty in aerial mobility, encouraging interdisciplinary research in this emerging field.
- Strengthened academic-industry connections through collaboration with experts from Nalwa Aero.
- Participants were motivated to explore entrepreneurial ventures and technological

innovations in aerial mobility.

• An enriched understanding of sustainability and its integration with eVTOL technology for future-ready transportation solutions.

Event Name	Workshop
Topic	Two-Day Workshop on CONSERVING BUILT HERITAGE: ROLE OF CULTURAL VALUES AND SIGNIFICANCE
Date	26-27 Nov 2024
Venue	Capitol Complex, CSPA, Chitkara University, Punjab
Organizer	Chikara School of Planning and Architecture, Chitkara University
Resource Persons	Dr. Parul Munjal- Director, INTACH Heritage Academy Ms. Annabel Lopez-Independent Architecture Conservation Professional, Dr. Harveen Bhandari- Principal, Chitkara School of Planning and Architecture, Dr. Kanika Bansal- Dean (Academic Affairs), Chitkara School of Planning and Architecture
No. of Participants	17
SDG No.	SDG- 3,4,11,17

The workshop "Conserving Built Heritage: Role of Cultural Values and Significance" provided participants with a rich understanding of heritage conservation processes, emphasizing the importance of cultural values and significance in preserving built heritage. Expert-led sessions explored Chandigarh's history, architecture, and global relevance, including comparative analyses and frameworks for assessing Outstanding Universal Value (OUV). A site visit to the Capitol Complex, a UNESCO World Heritage Site, offered practical insights into conservation challenges and management strategies. The program successfully equipped participants to identify, assess, and conserve heritage, fostering a deeper appreciation for preserving built heritage as a vital cultural legacy. CSPA organized a two-day Workshop on 'Conserving Built Heritage: Role of Cultural Values and Significance on 26-27 November 2024 for faculty and staff. The workshop received an overwhelming response and 35 registrations were received from various departments of Chitkara University and colleges from outside the state. The workshop comprised five lectures' sessions and two working sessions on

- Heritage and Values

- History and Planning of Chandigarh

- Comparing the Imageability of Chandigarh and Brasilia

-Assessing Significance and OUVs- Local to World Heritage

- Conservation Management Plan process

This initiative aligns with several Sustainable Development Goals (SDGs), notably **SDG 11: Sustainable Cities and Communities**, which focuses on protecting cultural and natural heritage. The program also supports **SDG 4: Quality Education** by enhancing knowledge in the field of heritage conservation through expert-led sessions and practical site visits, such as to the Capitol Complex, a UNESCO World Heritage Site. Additionally, it contributes to **SDG 3: Good Health and Well-being** by fostering social cohesion and community identity through cultural appreciation. The workshop encourages collaboration among participants from various departments and institutions, reflecting **SDG 17: Partnerships for the Goals**, as it promotes shared learning and resource mobilization for sustainable heritage practices. Overall, the event successfully equipped attendees to identify and conserve heritage, reinforcing the significance of built heritage as a vital cultural legacy.

Event Details	
Event Type	Competition
Topic	Innovative Solutions with Arduino: A Showcase of Creativity and Technology
Date	2024-12-03 to 2024-12-03
Mode	Offline
Organizer Name	Dr. Meenu Garg, Associate Professor, DECE
Resource Person	Gurjinder Kaur|Assistant Professor
No. of Participants	83
SDG No	SDG 4: Quality Education, SDG 9: Industry, Innovation and Infrastructure, SDG 11: Sustainable Cities and Communities

Objective

• Provide a comprehensive and inclusive platform for students to confidently present their innovative ideas and demonstrate their technical skills in Arduino-based projects, creating an environment that celebrates innovation and encourages them to push the boundaries of their technical expertise.
• Encourage students to conceptualize and develop practical solutions addressing real-world challenges across diverse domains such as healthcare, automation, education, and sustainability, fostering a focus on impactful applications of technology to solve everyday problems.
• Foster creativity, critical thinking, problem-solving, and collaboration among students through hands-on project development, promoting teamwork and the integration of diverse skills to develop innovative and technically sound solutions.
• Facilitate an enriching experience by providing constructive feedback and mentorship from experienced academicians and industry professionals, helping students refine their ideas, enhance project quality, and gain insights into practical aspects of implementation.

Description

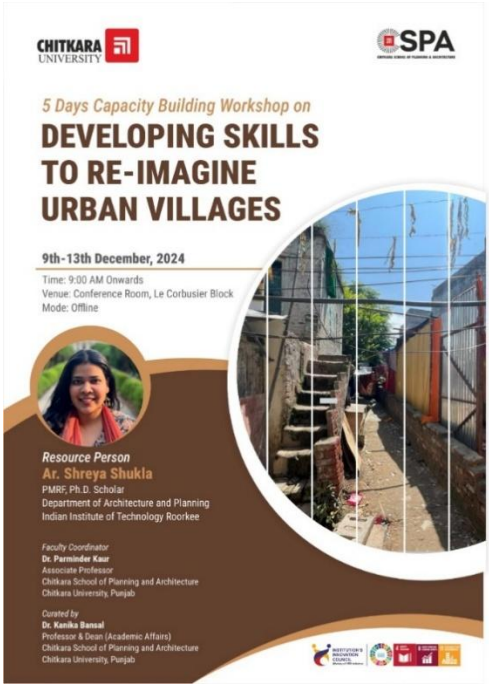
The Department of Electronics and Communication Engineering successfully organized the Project Display Competition titled “Innovative Solutions with Arduino: A Showcase of Creativity and Technology.” This event served as an interactive and vibrant platform for students to unleash their creativity and demonstrate technical proficiency by developing innovative solutions to tackle real-world problems using Arduino technology. A total of 22 teams from the Batch of 2024 participated, presenting an impressive spectrum of ideas and technical implementations. Each team showcased unique approaches to solving practical challenges, reflecting their ingenuity and dedication. The event was graced by the presence of distinguished judges, Dr. Rajvir Singh and Dr. Amit Kumar, who meticulously evaluated the projects based on criteria such as innovation, technical implementation, and real-world applicability. Additionally, faculty members Dr. Shivani Malhotra, Dr. Isha Gupta, and Dr. Rubina Dutta provided invaluable feedback and encouragement to the participants, motivating them to strive for greater heights. The competition witnessed seamless coordination, led by Dr. Meenu Garg and Ms. Gurjinder Kaur, who ensured the event's success. The winning projects showcased exceptional creativity and technical prowess. The First Prize was awarded to the project "Gesture-Controlled Wearable with Multilingual Translation" by Angad Veer Singh, Ashu Garg, Gurshan Singh, and Jobanpreet Singh. The Second Prize was won by the project "Arduino-Based Automatic Bottle Filling Machine" developed by Mandeep Sharma, Manya Goyal, Utsav Rana, and Yuvraj Sharma. The Third Prize was secured by the project "Smart Attendance System" presented by Hriday Kaushal, Kavya Batheja, Krrish Popli, and Gourav Mittal.

Outcomes

• Students demonstrated their ability to design and implement innovative solutions using Arduino technology to address practical issues. The projects presented showcased their creative thinking, problem-solving abilities, and technical skills, highlighting their capacity to transform theoretical knowledge into tangible, real-world applications.
• Enhanced technical skills and teamwork were evident among the participating students. The collaborative nature of the projects encouraged participants to effectively divide responsibilities, share knowledge, and integrate diverse ideas, resulting in well-executed and impactful solutions.
• The event served as a source of inspiration for students to explore advanced technical domains and pursue innovative research and development. Exposure to a competitive and constructive environment motivated participants to delve deeper into emerging technologies, further their understanding, and strive for excellence in their academic and professional journeys.

• Constructive feedback from judges and faculty members played a pivotal role in helping participants identify areas for improvement in their projects.

Event Name	Workshop
Topic	5-days Capacity Building Workshop on **Developing Skills to Re-imagine Urban Villages**
Date	9-13 Dec 2024
Venue	Le Corbusier Block, CSPA
Organizer	Chikara School of Planning and Architecture
Resource Person	Ar. Shreya Shukla, PMRF
No. of Participants	39
SDG No.	SDG- 4, 8,10,11



Chitkara School of Planning and Architecture (CSPA) organized a five-day Capacity Building Workshop titled "Developing Skills to Reimagine Urban Villages" from 9th to 13th December 2024. The workshop was conducted by Ar. Shreya Shukla, PMRF, a researcher currently pursuing her Ph.D. at the Indian Institute of Technology (IIT), Roorkee.

Tailored specifically for 8th-semester students, this workshop was an integral part of their ongoing Urban Design Studio, where they are working on rejuvenating the urban village of Attawa, located in Chandigarh's Sector 42. The workshop offered a blend of theoretical knowledge and studio sessions, aiming to equip students with both foundational theory and practical skills to compresence the urban design process effectively.

The workshop commenced with a warm welcome extended to expert Ar. Shreya Shukla. This was followed by an overview of the documentation of Attawa village, completed by the students in the previous semester. The expert initiated the first part of the workshop with an introductory presentation, highlighting the historical context and significance of urban villages.

In the second session, students presented a detailed documentation of Village Attawa. This was followed by a series of exercises, including a SWOT analysis to identify key issues and challenges associated with the urban village.

Day 2: Activity Mapping and Stakeholder Analysis

The second day began with a presentation by Ar. Shreya Shukla, showcasing various methods of activity mapping on-site and techniques for data compilation and presentation. These concepts were illustrated with examples from postgraduate research and previous studio studies.

The second phase of the day involved hands-on activity mapping exercises, case study presentations by students, and a stakeholder analysis of the site. A brief discussion followed, focusing on initiating the formulation of vision statements for each student's project.

Day 3: Vision Development

The third day opened with student presentations of case studies on selected issues. Discussions ensued on how to craft effective vision statements through interventions and stakeholder mapping. Students were encouraged to base their vision statements on identified issues using realistic and analytical approaches.

The second session included additional case study presentations, followed by a viva and discussions to refine vision statements further.

Day 4: Defining Design Approaches

On the fourth day, students continued to develop their vision statements and objectives, focusing on approaches to enhance the public realm. Individual guidance sessions were conducted, where students received feedback on their design methodologies and approaches.

The day concluded with instructions for compiling their work and preparing for the final presentation scheduled for the last day.

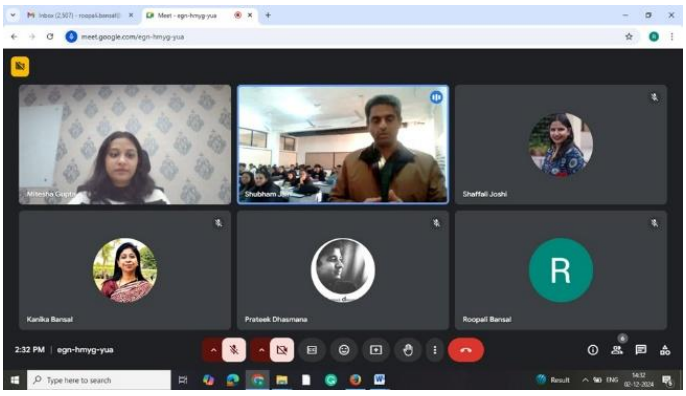

BUILDING HEIGHT MAPPING

Event Name	Workshop
Topic	Sensitization Talk by our esteemed alumna Alumni **Ar. Mitesha**
Date	9-13 Dec 2024
Venue	Le Corbusier Block, CSPA
Organizer	Chikara School of Planning and Architecture
Resource Person	Ar. Shreya Shukla, PMRF
No. of Participants	39
SDG No.	SDG- 4, 8,10,11

As part of the 6th-semester design exercise "Pet Paradise" — _aimed at designing thoughtful spaces for pet animals_ —our esteemed alumna, ***Mitesha (Batch 2016)** *, delivered an inspiring sensitization talk titled "**The Architecture of Coexistence: Designing for Harmony Between Humans and Animals.**"

The session highlighted the importance of including animals—both pets and strays—as key stakeholders in the built environment. Mitesha's insights inspired students to approach their design challenges with empathy and innovation.

We thank Mitesha for her impactful session and for motivating future architects to design with care for all living beings.

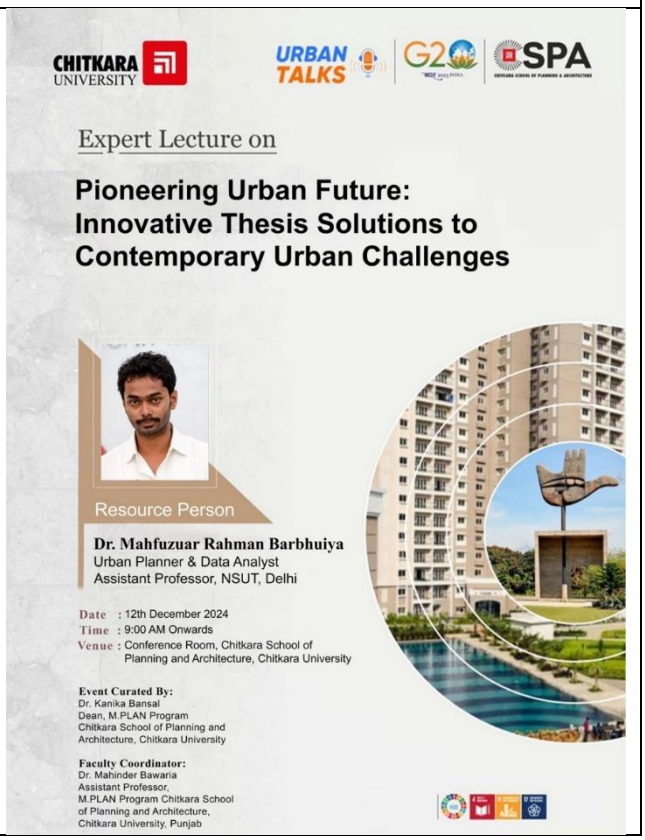


Event Name	Expert Lecture
Topic	**Pioneering Urban Futures: Innovative Thesis Solutions to Contemporary Urban Challenges**
Date	12 Dec 2024
Venue	Conference Room, Chitkara School of Planning and Architecture, Chitkara University
Organizer	Chikara School of Planning and Architecture, Chitkara University
Resource Persons	Dr. Mahfuzuar Rahman Barbhuiya, Urban Planner, Data Analyst, NSUT, Delhi
No. of Participants	7
SDG No.	SDG- 4,10, 11,17

On December 12, 2024, Chitkara School of Planning and Architecture hosted an expert lecture titled "Pioneering Urban Futures: Innovative Thesis Solutions to Contemporary Urban Challenges," delivered by Dr. Mahfuzuar Rahman Barbhuiya to Master of Planning students. The session provided critical insights into the transition from architecture to planning, highlighting the interplay between theoretical frameworks and practical applications. Dr. Barbhuiya's focus on Particularly Vulnerable Tribal Groups (PVTGs) emphasized inclusive and sustainable planning practices, aligning with several Sustainable Development Goals (SDGs). It supports SDG 4: Quality Education by enhancing students' knowledge and skills in urban planning. The emphasis on community engagement and inclusivity directly relates to SDG 10: Reduced Inequalities, advocating for equitable development strategies. Additionally, the lecture aligns with SDG 11: Sustainable Cities and Communities, promoting resilient urban environments through innovative solutions to contemporary challenges. Dr. Barbhuiya's dynamic presentation inspired students to think critically and adopt interdisciplinary approaches in their work, reinforcing the importance of collaboration in addressing urban issues, which reflects SDG 17: Partnerships for the Goals. Overall, the lecture significantly impacted students' academic and professional aspirations, encouraging them to pursue innovative solutions in their future projects.


GPS Map Camera
Patiala, Punjab, India
Chitkara University Rd, Punjab 140506, India
Lat 30.517199° Long 76.66052°
12/12/24 02:34 PM GMT +05:30
Google


GPS Map Camera
Patiala, Punjab, India
Chitkara University Rd, Punjab 140506, India
Lat 30.517199° Long 76.66052°
12/12/24 02:34 PM GMT +05:30
Google


CHITKARA UNIVERSITY
URBAN TALKS
G20
SPA
Expert Lecture on
Pioneering Urban Future: Innovative Thesis Solutions to Contemporary Urban Challenges
Resource Person
Dr. Mahfuzuar Rahman Barbhuiya
Urban Planner & Data Analyst
Assistant Professor, NSUT, Delhi
Date : 12th December 2024
Time : 9:00 AM Onwards
Venue : Conference Room, Chitkara School of Planning and Architecture, Chitkara University
Event Curated By:
Dr. Kanika Bansal
Dean, M.PLAN Program
Chitkara School of Planning and Architecture, Chitkara University
Faculty Coordinator:
Dr. Mahinder Bawaria
Assistant Professor,
M.PLAN Program Chitkara School of Planning and Architecture,
Chitkara University, Punjab

Event Details	
Event Type	Summit
Topic	National Business Conclave 2024 - “Digital Governance for Sustainable Tomorrow: Leadership Connect”
Date	2024-12-13 to 2024-12-13
Mode	Offline
Venue	Carnegie Hall
Organizer Name	Centre for Digital Marketing Strategy & Analytics
Resource Person	Ms. Mansi Batra |India Head, SM Business LinkedIn Sales Solutions, Mr Sanjeev Sharan|Director (HR Globalisation), Mr Anuj Grover|Founder, Mr Nitin Sharma|Founder & CEO Newen Systems Pvt. Ltd, Mr Rakesh Kharwal|CEO Rockladder Technologies
No. of Participants	230
SDG No	SDG 4: Quality Education, SDG 9: Industry, Innovation and Infrastructure, SDG 11: Sustainable Cities and Communities, SDG 17: Partnership for the Goals

Objective

1. To explore the role of digital governance in creating a sustainable future.
2. To provide insights into data privacy and cybersecurity challenges and solutions.
3. To highlight AI’s potential in driving innovation across industries.
4. To foster discussions on responsible AI and its role in environmental sustainability.
5. To engage students in creating innovative content and presentations using AI.

Description

The Centre for Digital Marketing, Strategy, and Analytics at Chitkara Business School hosted the National Business Conclave 2024 on December 13, 2024, at Carnegie Hall, Rockefeller Block. The conclave was centered on the theme “Digital Governance for Sustainable Tomorrow: Leadership Connect.” The event featured thought-provoking sessions and interactive discussions on data privacy, cybersecurity, AI, and sustainability. Keynote speaker Ms. Mansi Batra delivered a powerful talk on personal branding, emphasizing credibility, mentorship, and the impact of perception in professional success. Students also contributed with presentations on data privacy in which they highlighted digital safety measures like strong passwords and advised to avoid public Wi-Fi. Mr. Anuj Grover and Mr. Rakesh Kharwal provided expert insights into cyber security challenges, legal frameworks, and strategies for resilience, which were further explored during a panel

discussion. Panel Discussion was efficiently moderated by Dr. Mohit Jamwal. Post-lunch sessions focused on AI's transformative applications in fields such as manufacturing, retail, and agriculture. A highlight was the creative AI-generated videos by students Ashish Bambal and Ishita Jain, showcasing innovative storytelling through technology. Mr.Sanjeev Sharan discussed AI's role in driving sustainability, while Mr. Nitin Sharma shed light on industries' carbon footprints. The event concluded with a panel discussion on responsible AI for environmental care, which was proficiently moderated by Dr. Prachi Gupta, reinforcing the punchline, "Green is the Future." The day ended with a vote of thanks by Dr. Rajni Kamboj, certificate distribution, and group photographs, leaving attendees inspired to drive sustainable innovation forward.

Outcomes

1. Enhanced understanding of personal branding, data privacy, and cyber security among participants.
2. Students gained practical insights into protecting digital data and implementing safety measures.
3. Innovative AI-generated videos by students showcased creative applications of technology. 4. Experts highlighted actionable strategies for sustainability and responsible AI practices.
5. The conclave reinforced the collective vision for a sustainable future with the message, "Green is the Future."

Event Details	
Event Type	Competition
Topic	BIZ BUZZ QUIZ “Test Your Business IQ”
Date	2024-12-16 to 2024-12-16
Mode	Offline
Venue	Carnegie Hall, Chitkara University,Rajpura(India)
Organizer Name	Chitkara Business School
Resource Person	Gautam Bansal|Dean-IPM
No. of Participants	122
SDG No	SDG 4: Quality Education, SDG 9: Industry, Innovation and Infrastructure, SDG 11: Sustainable Cities and Communities

Objective

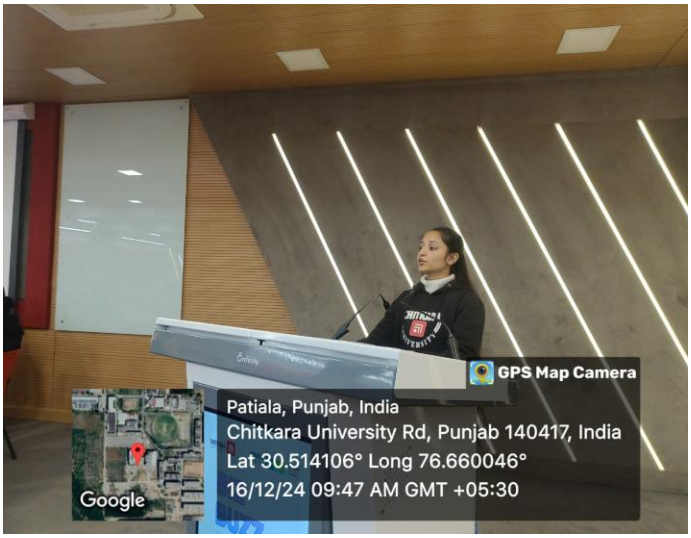
1. To provide a platform for participants to test and showcase their business acumen and knowledge.
2. To foster critical thinking and quick decision-making through challenging and dynamic quiz formats.
3. To promote learning by introducing real-world business scenarios and current trends.
4. To encourage healthy competition and teamwork in a fair and inclusive environment.
5. To ensure participants had an enjoyable and enriching learning experience that combined education with entertainment.

Description

The Bizz Buzz Quiz was a meticulously designed competition aimed at testing participants’ knowledge and understanding of business, economics, and management-related topics. Spanning six rounds, it included various formats such as rapid-fire, audio-visual questions, and case-based scenarios, ensuring participants were engaged and challenged across multiple dimensions. Each question offered participants 30 seconds to answer, awarding 10 marks for correct answers and 5 marks for passed questions, with no negative marking, fostering a learning-friendly environment. The quiz not only assessed theoretical knowledge but also encouraged participants to apply critical thinking, decision-making, and problem-solving skills in real-time. With a strong focus on real-world business situations and current trends, the Bizz Buzz Quiz bridged the gap between academic concepts and practical applications. Conducted in an inclusive, fair, and fun environment, the event enriched participants' understanding of business topics while promoting healthy competition and intellectual growth, leaving a lasting impact on all involved.

Outcomes

1. Enhanced participants' knowledge of business, economics, and management concepts through diverse quiz rounds.
2. Improved critical thinking, problem-solving, and decision-making skills under timed conditions.
3. Fostered communication and teamwork abilities in a competitive yet collaborative environment.
4. Developed a better understanding of real-world business scenarios and trends, bridging theory with practice.
5. Boosted participants' confidence and curiosity, motivating them to explore and learn further.



Event Details	
Event Type	Symposium
Topic	Visionary Pathways: A Symposium on Innovation, Technology, and Research
Date	2024-12-19 to 2024-12-19
Mode	Online
Organizer Name	Dr. Sonam Aggarwal
No. of Participants	129
SDG No	SDG 4: Quality Education, SDG 7: Affordable and Clean Energy, SDG 8: Decent Work and Economic Growth, SDG 9: Industry, Innovation and Infrastructure, SDG 11: Sustainable Cities and Communities, SDG 12: Responsible Consumption and Production, SDG 13: Climate Action, SDG 15: Life on Land, SDG 17: Partnership for the Goals

Objective

Students will be able to:

• Showcase their creativity and innovation in emerging technologies.

• Present original ideas and research in the fields of sustainability, IoT, VLSI, EVs, eVTOLs, and AI/ML.

• Develop and enhance their technical communication skills through poster presentations.

• Gain insights and constructive feedback from industry experts and academicians.

• Foster a spirit of innovation and contribute to sustainable solutions for future advancements

Description

The Teaching and Learning Centre, Department of Electronics and Communication Engineering (ECE), in collaboration with the Centre for Global Education and the Institution's Innovation Council (IIC), successfully organized a highly engaging symposium titled "Visionary Pathways: A Symposium on Innovation,

Technology, and Research". This event was held on 19th December 2024 at the Delta Ground, Chitkara University, and it provided a dynamic platform for students to showcase their creativity, innovative ideas, and groundbreaking research in cutting-edge fields of technology and innovation. The symposium aimed to inspire students to explore emerging technologies and foster a collaborative environment for research and development. Participants were encouraged to present their work in four focused categories: Emerging Technologies for a Sustainable Future, IoT and VLSI, EVs and eVTOLs (Electric Vertical Take-off and Landing), and Artificial Intelligence/Machine Learning. These categories were thoughtfully designed to align with current technological trends and address pressing global challenges such as sustainability, smart infrastructure, and automation. The event saw an enthusiastic participation of 32 teams from various engineering programs across CUIET, reflecting the diversity of ideas and approaches. Each team demonstrated their technical expertise and creativity by presenting innovative solutions to some of the most critical challenges of today. From tackling environmental issues through sustainable technologies to designing advanced AI/ML-based systems, students exhibited a deep understanding of the subject matter and showcased their potential to revolutionize industries. The symposium was judged by the esteemed Dr. Vijay Kumar Jadon, Dean of Applied Engineering, whose extensive expertise added immense value to the event. As the sole judge, Dr. Jadon provided detailed, constructive feedback and shared valuable insights with the participants. He commended their efforts, encouraged them to push the boundaries of their research, and inspired them to refine their ideas for greater impact. His guidance served as a motivational force for the students, driving them to aim higher and achieve excellence in their work. The event created a stimulating environment that encouraged open dialogue and knowledge sharing among participants, faculty, and experts. It also provided students with a unique opportunity to develop critical skills such as teamwork, technical communication, and problem-solving. Through this symposium, students gained hands-on experience in presenting their ideas, defending their research, and collaborating with peers to address real-world technological challenges.

Outcomes

- Students gained hands-on experience in presenting innovative ideas through poster presentations.
- Students received personalized feedback and expert insights from Dr. Vijay Kumar Jadon, enabling them to refine and strengthen their projects.
- Students developed essential skills in technical communication, critical thinking, and problem-solving.
- Students experienced the competitive yet collaborative environment of a symposium, motivating them to pursue excellence in their fields.


GPS Map Camera
Patiala,Punjab,India
Rajpura, Patiala, 140601, Punjab, India
Lat 30.516132, Long 76.659740
12/19/2024 11:43 AM GMT+05:30
Note : Captured by GPS Map Camera


CHITKARA UNIVERSITY
GPS Map Camera
Patiala,Punjab,India
Rajpura, Patiala, 140601, Punjab, India
Lat 30.516163, Long 76.659739
12/19/2024 11:43 AM GMT+05:30
Note : Captured by GPS Map Camera

Event Details	
Event Type	Innovation and Skill Development
Topic	Tech Fusion A Display of Creativity with Arduino and Linux
Date	2024-12-23 to 2024-12-23
Mode	Offline
Venue	Delta Zone
Organizer Name	Dr. Poonam Gupta
Resource Person	Dr. Poonam Gupta|Professor, Dr. Nitika Dhingra|Assistant Professor
No. of Participants	17
SDG No	SDG 4: Quality Education, SDG 9: Industry, Innovation and Infrastructure, SDG 11: Sustainable Cities and Communities

Objective

The objectives are as follows-

• To provide a platform for students to showcase innovative projects in categories such as Health Care, Agriculture, Smart Home, and Safety and Security.

• To foster creativity, collaboration, and problem-solving skills among students through experiential learning.

• To facilitate constructive feedback and motivation for students from esteemed judges and academicians.

• To acknowledge hard work and achievements of students.

• To promote innovation and inspire students for future opportunities in technology.

Description

The Department of Electronics and Communication Engineering, in collaboration with the Centre for Global Education, successfully hosted Tech Fusion: A Display of Creativity with Arduino and Linux on 23rd December 2024 at the Delta Ground, Chitkara University. This vibrant event aimed to provide students with a platform to present innovative projects and practical applications, fostering creativity, collaboration, and problem-solving skills. 17 students participated in the event, showcasing their ingenuity across diverse categories such as Health Care, Agriculture, Smart Home, and Safety and Security. These projects

reflected the students' ability to integrate technology into real-world challenges, demonstrating their technical proficiency and innovative thinking. The event was graced by eminent judges, Dr. P.K. Khosla, Pro Vice Chancellor, Research, and Dr. Manish Sharma, Professor at Chitkara University. Their expertise and thoughtful feedback added immense value to the proceedings. The judges appreciated the students' innovative projects and offered constructive suggestions for further refinement, motivating the students to continue their journey of creativity and exploration in the realm of technology. Their encouraging words reinforced the importance of pursuing innovation with passion and dedication. Dr. Shivani Malhotra, Dean of the Department of Electronics and Communication Engineering, also addressed the gathering, commending the students' hard work and congratulating them on their achievements. Her inspiring words motivated participants to continue striving for excellence in the field of technology. Tech Fusion was more than just a showcase of student projects; it was an embodiment of the department's commitment to experiential learning and innovation. The event provided students with invaluable hands-on experience, allowing them to apply their theoretical knowledge in practical, real-world scenarios. By presenting their projects, students gained confidence in their ability to tackle complex problems and offer tangible solutions. The event also fostered a sense of collaboration, as students exchanged ideas, worked together, and supported one another throughout the process.

Outcomes

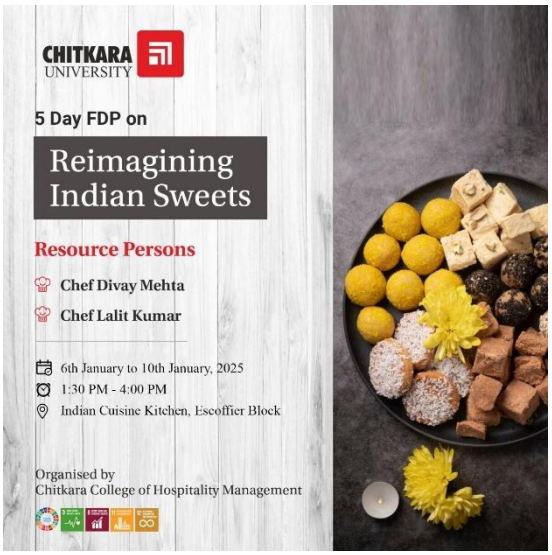
• Students gained practical experience by presenting their innovative projects and applying technical knowledge to solve real-world problems.
• The event fostered creativity, collaboration, and problem-solving skills among students, enhancing their overall technical and interpersonal abilities.
• Valuable feedback and insights from esteemed judges motivated students to refine their projects and encouraged them to pursue innovation with greater dedication.
• Students received recognition for their hard work and achievements, boosting their confidence and inspiring them to strive for excellence in engineering and technology.
• The event demonstrated the commitment of department to experiential learning, leaving students inspired and eager to explore new opportunities in the fields of software engineering.


GPS Map Camera
Rajpura, Patiala, 140601, Punjab, India
Lat 30.516410, Long 76.659837
12/23/2024 11:36 AM GMT+05:30
Note : Captured by GPS Map Camera


CHITKARA UNIVERSITY | Centre for Global Education
Smart Mirror
GPS Map Camera
Chitkara University Road, Rajpura, Patiala,
140601, Punjab, India
Lat 30.516451, Long 76.659941
12/23/2024 12:17 PM GMT+05:30
Note : Captured by GPS Map Camera

Event Details	
Event Type	Faculty Development Program
Topic	5 Day FDP on Reimagining Indian Sweets
Date	2025-01-06 to 2025-01-10
Mode	Offline
Venue	Indian Cuisine Kitchen, Escoffier Block (Chitkara University, Rajpura, Punjab)
Organizer Name	Chitkara College of Hospitality Management
Resource Person	Mr. Divay Mehta|Assistant Professor, Mr. Lalit Kumar|Assistant Professor
No. of Participants	20
SDG No	3,8,11,12

Objective



1. To introduce participants to innovative techniques and modern approaches to traditional Indian sweets.
2. To enhance participants' skills in flavor profiling, texture modification, and presentation of Indian sweets.
3. To encourage the use of fresh and high-quality ingredients in the preparation of reimagined Indian desserts.
4. To provide hands-on training and guidance from industry experts, Chef Divay Mehta and Chef Lalit Kumar.
5. To inspire creativity and experimentation in preserving the cultural significance of traditional Indian sweets.

Description

Chitkara College of Hospitality Management organized a five-day Faculty Development Program (FDP) on "Reimagining Indian Sweets" from January 6th to 10th, 2024. The program, held at the Indian Cuisine Kitchen in the Escoffier Block, aimed to provide participants with innovative approaches to traditional Indian sweets. Led by Chef Divay Mehta and Chef Lalit Kumar, the FDP focused on exploring new techniques, flavors, and

presentations for classic Indian sweets. Participants had the opportunity to learn from these experts and gain hands-on experience in creating reimagined versions of popular sweets. The program emphasized the use of fresh, high-quality ingredients and encouraged experimentation with different flavor profiles and textures. This allowed participants to discover new ways to elevate traditional sweets while preserving their cultural significance. The FDP was well-received by attendees, who appreciated the opportunity to learn from industry experts and expand their culinary skills. The program's success highlights the growing interest in reimagining traditional Indian cuisine and the important role that educational institutions play in fostering culinary innovation.

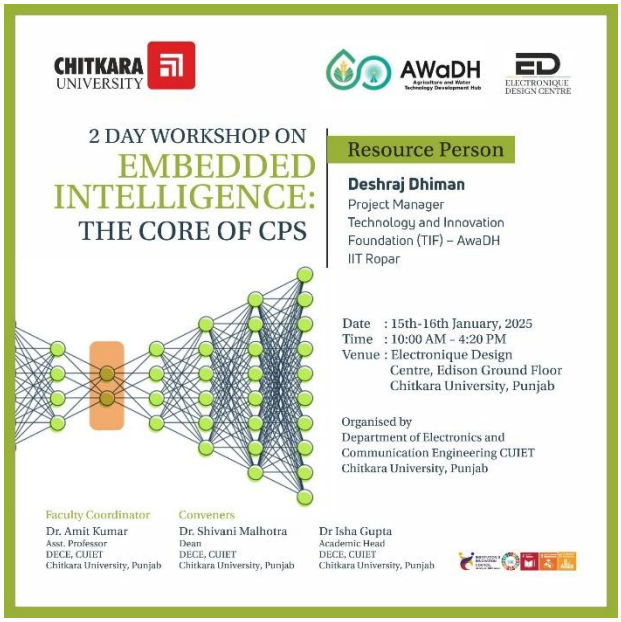
Outcomes

1. Participants gained advanced knowledge and skills in creating innovative versions of traditional Indian sweets.
2. Attendees developed a deeper understanding of the importance of ingredient quality in enhancing the taste and appeal of desserts.
3. The program fostered creativity and encouraged participants to experiment with new flavors, techniques, and textures.
4. Participants were empowered to preserve and reinterpret Indian culinary traditions for modern audiences.
5. The success of the FDP underscored the role of academic institutions in promoting culinary innovation and professional development.

EVENT DETAILS	
EVENT TYPE	WORKSHOP
TOPIC	EMBEDDED INTELLIGENCE: THE CORE OF CPS
DATE	2025-01-15 to 2025-01-16
MODE	OFFLINE
ORGANIZER NAME	DR AMIT KUMAR, ASSISTANT PROFESSOR, DECE, CUIET
RESOURCE PERSON	MR DESHRAJ DHIMAN, PROJECT MANAGER
NO. OF PARTICIPANTS	20
SDG NO	4,9,11

Objective

- Familiarizing students with the latest advancements in embedded intelligence and its applications in CPS.
- The students will be Introduced to Bluetooth Low Energy (BLE) technology and its growing relevance in IoT-based systems.
- To provide students with hands-on training on developing basic IoT applications using nRF development kits.
- To Encourage interdisciplinary learning by bridging the gap between theoretical concepts and practical implementation amongst students.



Description

The Department of Electronics and Communication Engineering at Chitkara University, Punjab, in partnership with the AWaDH Lab at IIT Ropar, recently organized an insightful two-day workshop entitled “Embedded Intelligence: The Core of Cyber-Physical Systems (CPS)”. The primary objective of this event was to enhance students' comprehension of embedded intelligence and its pivotal role in the realm of Cyber-Physical Systems (CPS). Esteemed expert, notably Mr. Deshraj Dhiman, led the workshop sessions, generously sharing their extensive knowledge and expertise. The primary focus of the workshop was on Bluetooth Low Energy (BLE) technology and the development of IoT applications using nRF development kits. The workshop kicked off with a warm welcome from the faculty members of Chitkara University and the AWaDH Lab at IIT Ropar. The opening remarks set the tone for the two-day event, emphasizing the critical importance of embedded intelligence in the rapidly evolving landscape of technology. Mr. Deshraj Dhiman, a respected figure in the field, took the stage to introduce the participants to the concept of embedded intelligence.

He elaborated on how embedded systems are integrated into everyday devices, making them smarter and more efficient. Mr. Dhiman discussed various applications of embedded intelligence, from simple household gadgets to complex industrial systems, highlighting its significance in enhancing the functionality and efficiency of these devices. Following the introduction to embedded intelligence, Mr. Dhiman presented an in-depth session on Bluetooth Low Energy (BLE) technology. BLE, a crucial component of IoT devices, enables wireless communication over short distances with minimal power consumption. Mr. Dhiman explained the architecture of BLE, its working principles, and its advantages over traditional Bluetooth technology. He also showcased several real-world applications of BLE, such as fitness trackers, smart home devices, and medical monitoring systems, illustrating how BLE has revolutionized the way devices communicate and interact with each other. The second day of the workshop was dedicated to practical, hands-on activities. Mr. Dhiman, led the sessions, guiding participants through the process of developing IoT applications using nRF development kits. These kits, equipped with BLE technology, provide an excellent platform for building and testing IoT projects. He introduced participants to the nRF development kits, explaining their components and functionalities. He demonstrated how to set up the development environment, write code, and deploy applications on the kits. Participants were then divided into small groups and given the task of developing their own IoT applications.

Outcomes

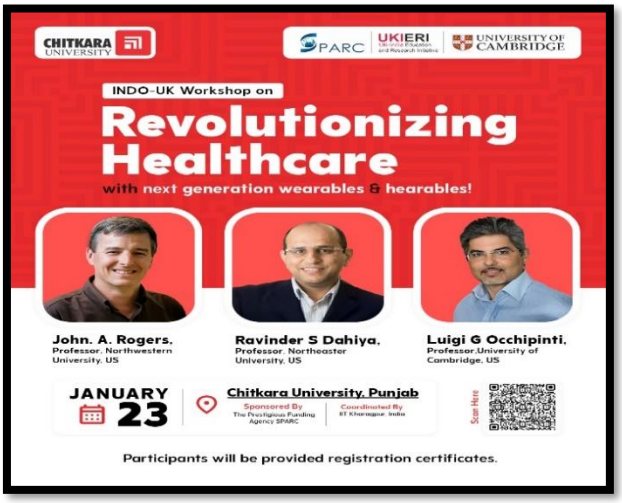
- The students develop a strong foundation in embedded intelligence and its real-world applications.
- The students gained practical exposure to BLE technology and understand its role in modern IoT systems.
- The students enhanced their programming and troubleshooting skills through hands-on exercises with nRF development kits.
- Foster innovative thinking and problem-solving abilities in designing smart applications.
- The students improved collaboration and teamwork skills by working in groups on IoT projects.


Dreams


Engineer Your Dreams

Event Name	**Revolutionizing healthcare with next generation wearables and hearables**
Date	23rd January 2025
Venue	Carnegie Hall, Rockfeller Block
Department	CURIN Applied Research
Resource Person	Prof. Luigi G Occhipinti, **University of Cambridge UK**. Prof. R.S.Dahiya, **Northeastern University, MA, USA.** Prof. J. A. Rogers, **Northwestern University IL, USA.** (Virtual) Dr. Ravi Kapoor, **GMCH, Chandigarh, India**. Prof. Dinesh Kalyanasundaram, **IIT Delhi, India.** (Virtual) Prof. Amitabha Bandyopadhyay, **IIT Kanpur, India.** (Virtual) Dr. Sanjeev Virdi, **CSIR-CSIO, Chandigarh, India.** Dr. Sunita Mishra, **CSIR-CSIO, Chandigarh, India.**
Number of Participants	110
SDGs Covered	3,4,9,11 and 17
Duration	6 Hrs

About the Activity



This event "**Revolutionizing healthcare with next generation wearables and hearables"** was organized as a part of Indo-UK project (with Dr. Sunita Mehta as PI and Dr. Nitin Saluja ad Co-PI) in collaboration with University of Cambridge UK (with Prof. Luigi G Occhipinti as PI and Prof. Jong Min Kim as Co-PI) sponsored by prestigious Funding agency SPARC coordinated by IIT Kharagpur. in profound association with UKIERI, British Council UK.

Workshop Objectives

The main objective of this workshop was to provide a potential platform for academic professionals, industry professionals as well as researchers to leverage the knowledge

exchange in the field of advanced materials, low power electronics and artificial intelligence for healthcare.

Key Highlights

The event comprised of the distinguished talks from eminent speakers worldwide, the details for which are provided below-

9) "Soft, skin-interfaced electronic and microfluidic systems for health monitoring."- Prof. John A Rogers, **Northwestern University IL, USA.** (Virtual)
10) "Smart wearables and AI for healthcare."- Prof. Luigi G Occhipinti, **University of Cambridge UK**.
11) "Flexible printed electronics for robotics and interactive systems."- Prof. R.S.Dahiya, **Northeastern University, MA, USA.**
12) "Potential of hearables in healthcare." - Dr. Ravi Kapoor, **GMCH, Chandigarh, India**.
13) "Hearing: Current scenario, challenges and evalution of hearing of individuals." Prof. Dinesh Kalyanasundaram, **IIT Delhi, India.** (Virtual)
14) "Creating a pipeline for HealthTech in an academic institution."- Prof. Amitabha Bandyopadhyay, **IIT Kanpur, India.** (Virtual)
15) "Bio-signal processing for medical devices." - Dr. Sanjeev Virdi, **CSIR-CSIO, Chandigarh, India.**
16) "Advances in Healthcare Materials."- Dr. Sunita Mishra, **CSIR-CSIO, Chandigarh, India.**

Workshop Outcomes

The event provided ample opportunities for networking and knowledge sharing among the participants paving the way for fruitful collaborations in the future.

Glimpse of the Event

TOPIC	Happiness Blueprint
DATE	27th January 2025
VENUE	Pulitzer Hall
ORGANISER	Department of Fashion Design, Chitkara Design School
RESOURCE PERSON	Mr Manav Bansal
NO OF PARTICIPANTS	80
SDG. NO	4, 9, 11, 12, 17

Objective of the event

1. Introduce students to the core of happiness.
2. Have a fun-filled yet mentally enriching session for the students.
3. Improve mental health.

Brief of the Activity

The Department of Fashion Design, Chitkara Design School organized a Happiness Blueprint workshop where Mr Manav Bansal guided students on how to feel happy every day, in every moment. The students also learned techniques to cope with stress or any other negative emotions, while channeling their positive mindset to achieve happiness.

Outcome of Event

The workshop organized by the Department of Fashion Design at Chitkara Design School was a resounding success, leaving students with valuable and practical insights into the human mind. The key outcomes of the event were:

1. Enhanced Happiness Quotient among the students.

2. Gratitude and abundance mindset.

3. Better understanding of stress and ways to cope with it.

4. Learned techniques to instantly uplift mood and be happy.


GPS Map Camera
Patiala, Punjab, India
Gm85+vfh, Chitkara University Rd, Punjab 140601, India,
Patiala, Punjab 140601, India
Lat 30.517265° Long 76.65877°
27/01/2025 03:56 PM GMT +05:30
Google
GPS Map Camera
Patiala, Punjab, India
Gm85+vfh, Chitkara University Rd, Punjab 140601, India,
Patiala, Punjab 140601, India
Lat 30.517268° Long 76.658768°
27/01/2025 02:02 PM GMT +05:30
Google

Title:- - Innovation in Digital Experience Strategy and Envisioning Design Sprint Hackathon		
1	**Type of Activity**	Hackathon
2	**Program Theme (Keywords)**	Innovation
3	**LINK (Pre Link)**	https://www.facebook.com/story.php?story_fbid=526492837115685&id=100092649189685&rdid=w61BoZYdjGxzENhj#
	LINK (Post Link)	
4	**Program Type**	Level 4
	Nomenclature	Hackathon
	Duration of the activity	3 Days
5	**Description of the event:-**	
	The Department of UX&UI at Chitkara Design School organized a 3-day Design Sprint Hackathon from January 27-29, led by Mr. Amber Krishan, founder of @Them, in collaboration with the Institution's Innovation Council. Students gained insights into business understanding, user behavior, and technology's role in shaping experiences. The sprint focused on 'Business Empathy' on Day 1, 'Experience Strategy' on Day 2, and 'Envisioning' on Day 3. Students, working in teams, brainstormed brand context, target audience, competitive landscape, and key user behaviors to design impactful digital experiences, emphasizing understanding over traditional UX processes.	
6	**Kindly justify the activity conducted by your respective department as a fit for IIC event**	
	The Design Sprint Hackathon aligns with the core objectives of the Institution's Innovation Council (IIC) by fostering a culture of innovation, entrepreneurship, and practical learning. The event empowered students to apply design thinking to real-world challenges, while also focusing on user-centric solutions and business strategy. Through mentorship and hands-on activities, it nurtured an entrepreneurial mindset and helped students gain the skills necessary to drive innovation in the digital space.	
7	**Start and End date of the event**: 01/27/2025 to 01/29/2025	

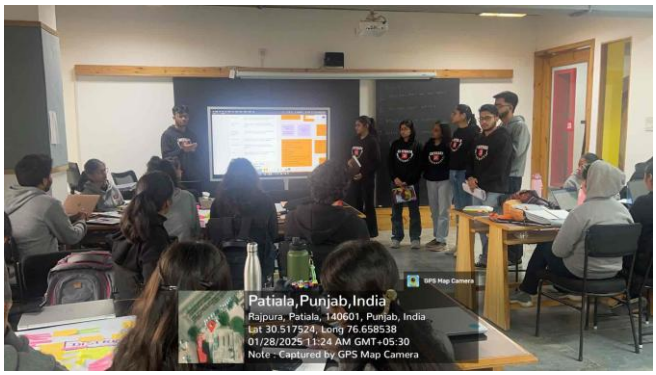
8	**Mention minimum number of students (Event):** 40	
9	**Mention minimum number faculty (Event):** 2	
10	**Objective of the event in 3 words (90 Characters) only:** Innovation, Strategy, Empowerment	
11	**Benefit of the activity:** Strategic thinking, user empathy, competitive analysis, teamwork, user-centered designs	
12	**Video URL**	https://drive.google.com/drive/folders/1Obf6mFv03_3BL85e3Iq0Rx7kzm-28Ury
13	**SPACE FOR PHOTOGRAPHS**	

FLYER Photograph (<2MB)

Photographs with Speaker/Students (<2MB)

Photographs with Speaker/Students (<2MB)

Photographs with Speaker/Students (<2MB)

Photographs with Speaker/Students (<2MB)	Photographs with Speaker/Students (<2MB)
	
Name of Department:	**Department of UX&UI, CDS**
Name of Organiser with Mail ID & Contact Number:	Dr. Akanksha Ghai akanksha.ghai@chitkara.edu.in 9501464121
Resource Person Details:	
Name:	**Amber Krishan**
Designation:	Founder
Organization:	Them
Mail ID:	amberkrishan@gmail.com
Contact No.	9810884914

Event Name: -	Tree Plantation Drive
Venue: -	Yellow Point, Near Boys Hostel
Date: -	29th January, 2025
SDG Number, Name and NEP: -	11-Sustainable Cities and Communities and 13-Climate Action, 15-Life on Land and NEP: - 1
Organized By: -	National Service Scheme, Chitkara University, Punjab
Number of Saplings: -	30
Duration: -	One Day

Objectives

1. **Enhance Urban Green Spaces:** By attending the plantation drive, students will contribute
to creating more green spaces around the university, promoting sustainable, healthy, and liveable urban environments that benefit the entire community**.**

2. **Act Against Climate Change:** By planting trees, students will be directly involved in combating climate change through carbon sequestration, helping to reduce greenhouse gas emissions and mitigate the effects of global warming in the local area.
3. **Contribute to Biodiversity Conservation:** Attending the plantation drive allows students to play an active role in protecting and restoring local ecosystems, ensuring the preservation of biodiversity and supporting the health of land-based ecosystems around Chitkara University.

On 29th January 2024, the National Service Scheme (NSS), in collaboration with the Department of Computer Science and Engineering, organized a successful plantation drive near Chitkara University, aimed at contributing to environmental sustainability and enhancing the campus's green cover. The event saw enthusiastic participation from NSS Volunteers, faculty, and staff, all committed to making a positive impact on the local ecosystem.

The drive was led by environmental experts and university volunteers, who provided detailed instructions on planting and nurturing trees. Participants were guided on proper techniques for planting saplings, including correct digging methods, spacing, and watering routines to ensure optimal growth and sustainability of the plants. Special focus was given to planting native species, chosen for their adaptability to the local climate and ability to support local wildlife. In addition to the hands-on activity, the event served as an educational platform to raise awareness about the environmental benefits of trees, such as improving air

quality, conserving water, and enhancing biodiversity. Participants also learned how small, collective efforts like tree planting could have a significant long-term impact on mitigating climate change and reducing carbon footprints.

This drive created a sense of unity and shared responsibility, with students and faculty alike expressing their pride in contributing to a greener future. By the end of the day, participants not only gained a deeper understanding of environmental conservation but also felt empowered and inspired to continue acting in their daily lives to protect and preserve the environment. The plantation drive was a significant success, leaving a lasting impact on both the physical landscape of the campus and the participants' attitudes toward sustainability. It reaffirmed the university's commitment to fostering a culture of environmental stewardship and community involvement.

Outcomes

1. Increased Green Cover and Improved Campus Environment: The drive will contribute to a richer, more vibrant campus with enhanced green spaces. These areas not only offer aesthetic value but also create a more sustainable and livable environment, making the university a more attractive and healthier place to study and work.

2. Active Engagement in Climate Resilience: Students will gain a deeper understanding of their role in addressing environmental challenges by actively participating in the plantation process. This experience empowers them to adopt climate-conscious habits, while their collective efforts help reduce pollution and contribute to long-term environmental health.
3. Strengthened Local Ecosystems and Biodiversity: The trees planted during the event will help restore local habitats, promote soil health, and support the wildlife that depends on these ecosystems. This initiative fosters a balanced, thriving natural environment while

encouraging students to appreciate the importance of preserving biodiversity for future generations.

Event Details	
Event Type	Competition
Topic	Innovative Trashformers: Trash to Treasure
Date	2025-01-30 to 2025-01-30
Mode	Offline
Venue	Housekeeping Lab- 2 & 3, Escoffier Block (Chitkara University, Rajpura, Punjab)
Organizer Name	Chitkara College of Hospitality Management
Resource Person	Mr. Pankaj Bhatia|Assistant Professor
No. of Participants	45
SDG No	SDG 4: Quality Education, SDG 11: Sustainable Cities and Communities, SDG 12: Responsible Consumption and Production, SDG 13: Climate Action

Objective

1. Promote Sustainability – Encourage eco-friendly practices through creative recycling.
2. Foster Innovation – Inspire students to repurpose waste into functional and artistic items.
3. Enhance Problem-Solving Skills – Develop critical thinking in sustainable waste management.
4. Encourage Hands-On Learning – Provide practical experience in upcycling techniques.
5. Instill Environmental Responsibility – Cultivate a mindset of sustainability in daily life.

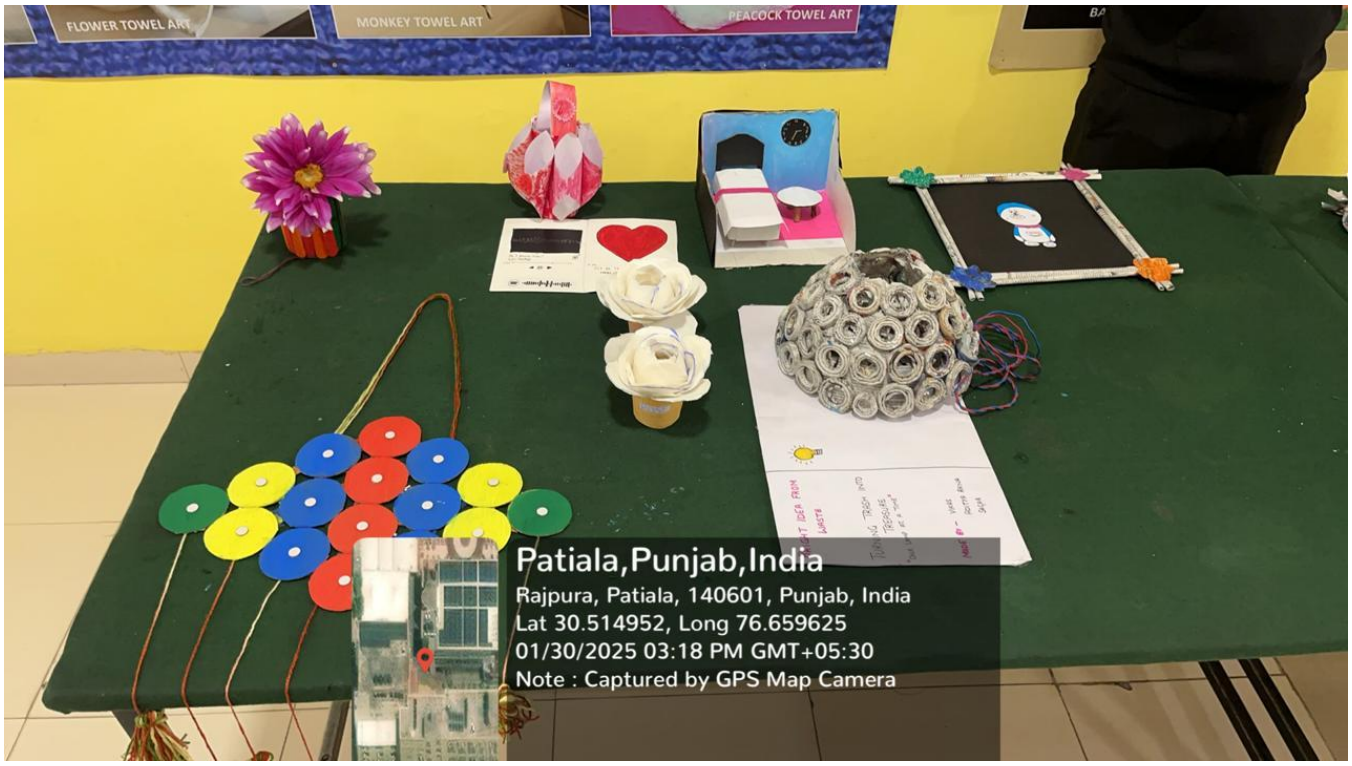
Description

Chitkara College of Hospitality Management, Chitkara University, Punjab, proudly presents Innovative Trashformers: Trash to Treasure, a creative competition celebrating National Cleanliness Day. Scheduled for January 30, 2025, at 1:00 PM in HK Lab-2, Escoffier Block, this initiative encourages students to explore sustainability through innovative recycling. Led

by Mr. Pankaj Bhatia, Assistant Professor, the event challenges participants to transform discarded materials into functional and artistic creations. By rethinking waste, students will develop eco-consciousness, creativity, and problem-solving skills* while gaining hands-on experience in sustainable practices. This competition not only fosters environmental responsibility but also highlights the potential of upcycling in everyday life. Participants will have the opportunity to showcase their ingenuity, demonstrating how waste can be repurposed into valuable resources. The event aligns with the hospitality industry's growing emphasis on sustainable operations and eco-friendly innovations, making it both relevant and impactful. Through Innovative Trashformers, Chitkara University aims to inspire a culture of sustainability, urging students to integrate environmentally responsible habits into their professional and personal lives. Join us in turning trash into treasure and making a difference—one creation at a time!

Outcomes

1. Increased Eco-Awareness – Participants will develop a deeper understanding of sustainable practices.
2. Enhanced Creativity – Students will learn to transform waste into innovative, functional items.
3. Practical Recycling Skills – Hands-on experience in upcycling and waste management.
4. Problem-Solving Abilities – Improved critical thinking in resource utilization.
5. Sustainability Advocacy – Encouraging long-term eco-conscious habits in personal and professional life.


FLOWER TOWEL ART
MONKEY TOWEL ART
PEACOCK TOWEL ART
Patiala,Punjab,India
Rajpura, Patiala, 140601, Punjab, India
Lat 30.514952, Long 76.659625
01/30/2025 03:18 PM GMT+05:30
Note : Captured by GPS Map Camera


Patiala,Punjab,India
Chitkara University Road, Rajpura, Patiala,
140601, Punjab, India
Lat 30.514969, Long 76.659678
01/30/2025 03:49 PM GMT+05:30
Note : Captured by GPS Map Camera

Event Name	**International Conference on Mental Health, Hygiene and Nutritional Literacy among Youth**
Date	8-9 February 2025
Venue	DDU Gorakhpur University
Department	DRC- Health Sciences and Department of Psychology
Project PI and Co-PI	Dr. Vismita Paliwal, Associate Professor, Department of Psychology, DDU, Principal Investigator (PI), Dr. Naveen Kumar, Associate Professor, Chitkara University, Co-Principal Investigator (Co-PI).
Number of Participants	100
SDGs Covered	SDGs covered: 2, 3, 4, 6, 8, 11, 12, 13, 17
Duration	2 days

About the Activity

Chitkara University, in collaboration with DDU Gorakhpur University, received an ICSSR-funded project under the **Special Call for Vision Viksit Bharat@2047**. The project is led by Dr. Vismita Paliwal, Associate Professor, Department of Psychology, DDU, as the Principal Investigator (PI), with Dr. Naveen Kumar, Associate Professor, Chitkara University, serving as the Co-Principal Investigator (Co-PI).

As part of this initiative, the collaborating institutions jointly organized the **International Conference on Mental Health, Hygiene, and Nutritional Literacy Among Youths** at **DDU Gorakhpur University on 8-9 February 2025**. The conference served as a platform for experts, researchers, and policymakers to discuss the critical intersections of mental health, hygiene, and nutrition, emphasizing their role in youth development and national progress.

Conference Objectives

The conference aimed to:

- **Raise Awareness**: Educate youths on the importance of mental health, hygiene, and nutritional literacy.

- **Promote Research and Collaboration**: Encourage academic discussions and research on youth well-being in alignment with **Sustainable Development Goals (SDGs)**.
- **Engage Stakeholders**: Involve educators, policymakers, and healthcare professionals to develop strategies for promoting holistic well-being.
- **Support Vision Viksit Bharat@2047**: Contribute to India's long-term development goals by fostering a healthier, more informed youth population.

Key Highlights

- **Inaugural Session:**
  - **Hon'ble Pro Chancellor, Prof. Madhu Chitkara**, emphasized the role of youth in nation-building and the need for awareness on mental health, hygiene, and nutrition.
  - **Prof. Amit Mittal, Pro-Vice Chancellor,** delivered the keynote address, highlighting how the conference aligns with SDGs and sustainable health initiatives.

- **Expert Participation and Engagement:**
  - Dr. Naveen Kumar, Co-Principal Investigator, attended the conference in person and extended gratitude to DDU Gorakhpur University for hosting the event.
  - Prof. (Dr) Sonika Bakshi Bhandari and Dr. Pooja Dogra served as advisory board members and joined the discussion virtually, adding valuable insights on the research focus areas.
- **Collaborative Research and Knowledge Exchange:**
  - Scholars and experts from various institutions engaged in discussions, paper presentations, and panel sessions addressing mental health, hygiene, and nutritional literacy challenges among youth.

Conference Outcomes

1. **Increased Awareness:** The event successfully disseminated crucial information on youth well-being and its impact on national development.
2. **Strengthened Academic Networks**: It fostered collaborations between institutions, policymakers, and healthcare professionals for future research initiatives.
3. **Policy Recommendations:** Key insights were shared with government bodies to enhance youth-centered health and education policies.

4. **Commitment to Holistic Development:** Chitkara University reaffirmed its dedication to impactful research, education, and community well-being, reinforcing its commitment to nation-building through youth empowerment.

शरीर में संतुलन को बढ़ावा देने पर केंद्रित है आयुर्वेद आहार पद्धतिः प्रो. गिरीश्वर

» मनोविज्ञान विभाग में अंतरराष्ट्रीय संगोष्ठी का हुआ समापन

» मानसिक विकृति से संबंधित भारतीय विधि को अधिक तार्किक बनाना जरूरीः डॉ अशोक जाह्नवी प्रसाद

स्वतंत्र चेतना

गोरखपुर। दीनदयाल उपाध्याय गोरखपुर विश्वविद्यालय के मनोविज्ञान विभाग में समाजशास्त्र विभाग एवं विधि विभाग के संयुक्त तत्वावधान में आयोजित दो दिवसीय अंतर्राष्ट्रीय संगोष्ठी रविवार को संपन्न हो गई। समापन सत्र के मुख्य अतिथि एम्स गोरखपुर के स्टैंडिंग कमेटी के चेयरमैन डॉ अशोक जाह्नवी प्रसाद तथा मुख्य वक्ता के रूप में महात्मा गांधी अंतरराष्ट्रीय हिंदी विश्वविद्यालय वर्धा के पूर्व कुलपति प्रो. गिरीश्वर मिश्र एवं चितकारा यूनिवर्सिटी के प्रो-वाइस चांसलर प्रो. अमित पालन करके शरीर में संतुलन को बढ़ावा देने पर केंद्रित है। कहा कि आयुर्वेद में शरीर, इन्द्रिय, मन व आत्मा के संयोग से निर्मित मानव के स्वास्थ्य का व्यक्तिगत आधार पर संरक्षण एवं रोगों के उपचार पर विशेष बल दिया गया है।

मुख्य अतिथि प्रो. (डॉ) अशोक जाह्नवी प्रसाद ने पुरानी दंड संहिता में चित विकृति से संबंधित प्रावधान की व्याख्या की और इसके सम्बन्ध में उन्होंने अमेरिका, कनाडा, आस्ट्रेलिया और इंग्लैंड के आपराधिक कानूनों में इससे जुड़ी व्यवस्था की भारतीय व्यवस्था से किया और कहा कि मानसिक

कार्यक्रम की अध्यक्षता करते हुए मनोविज्ञान विभाग के अध्यक्ष धनंजय कुमार ने कहा कि मानव शरीर और मस्तिष्क के निर्माण में आहार की बड़ी भूमिका है। आहार की शुद्धता के आधार पर स्वस्थ व्यक्ति ही सामाजिक प्रगति में योगदान दे सकते हैं।

कार्यक्रम का संचालन डॉ आशीष शुक्ला एवं आभार ज्ञापन डॉ मनीष पांडेय ने किया।

इस दौरान डीएसडब्लू प्रो.

शोध पत्र वाचन सत्र का हुआ आयोजन

अंतर्राष्ट्रीय संगोष्ठी में शोध पत्र प्रस्तुति का वैज्ञानिक सत्र आयोजित हुआ, जिसमें बतौर

Event Details	
Event Type	
Topic	Experience the Flavours of East
Date	2025-02-20 to 2025-02-20
Mode	Offline
Venue	Square One Open Area (Chitkara University Punjab)
Organizer Name	Chitkara College of Hospitality Management
Resource Person	Hardik Sharma|Assistant Professor, Kavesh Attary|Associate Professor, Manjot Bhullar|Teaching Assitant
No. of Participants	60
SDG No	SDG 3: Good Health and Well-being, SDG 8: Decent Work and Economic Growth, SDG 11: Sustainable Cities and Communities, SDG 12: Responsible Consumption and Production

Objective

Explore Eastern Flavors – Introduce participants to the rich and diverse culinary traditions of the East.

Promote Innovation – Encourage creative and modern approaches to traditional cooking techniques.

Emphasize Sustainability – Highlight the importance of sustainable practices in the culinary industry.

Hands-on Experience – Allow participants to taste and experience food prepared by culinary students.

Description

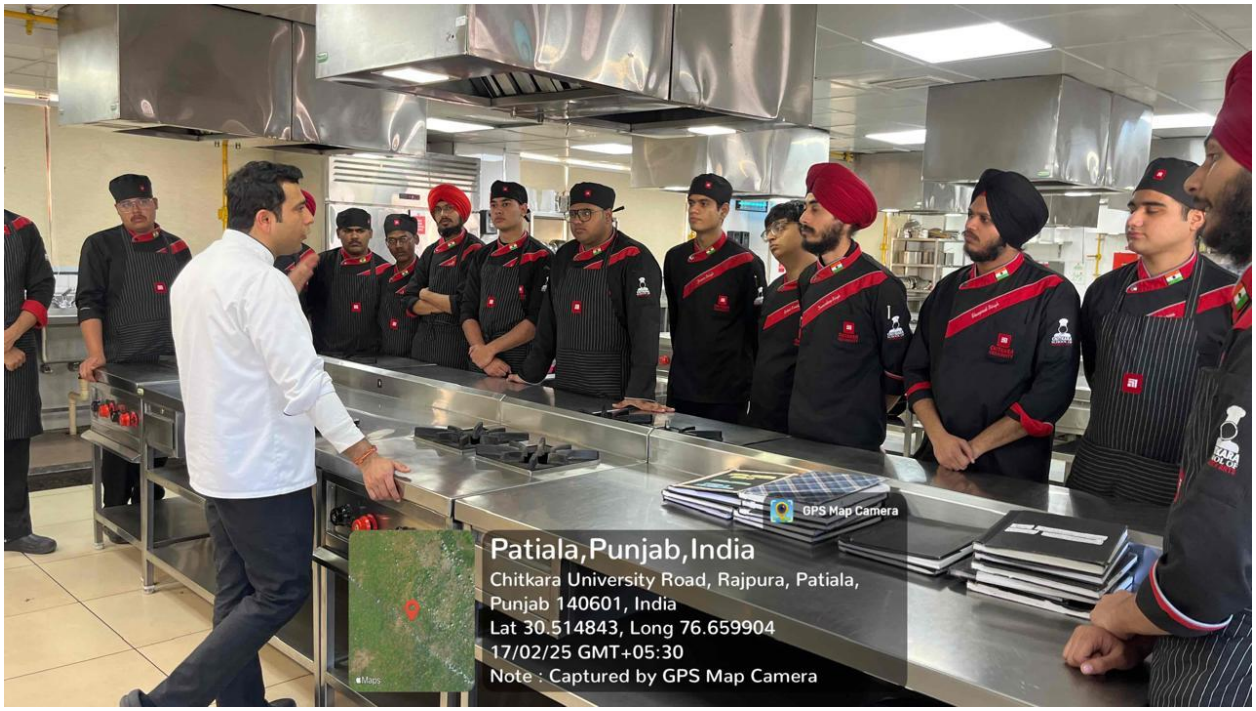
Chitkara College of Hospitality Management is delighted to organize a one-day workshop that celebrates the rich and diverse culinary heritage of the East. This event aims to provide participants with an immersive experience in traditional Eastern flavors while incorporating modern innovations and sustainable culinary practices. The workshop will feature interactive sessions led by culinary experts, highlighting unique cooking techniques, the use of indigenous ingredients, and eco-friendly approaches to food preparation. Attendees will

gain insights into how innovation can enhance traditional recipes while maintaining authenticity and sustainability. A key highlight of the event is a special tasting session where participants will get the opportunity to experience a variety of dishes prepared by our talented culinary students. This will not only provide a practical understanding of the concepts discussed but also showcase the skills and creativity of the students. Through this workshop, we aim to promote sustainable food practices, encourage culinary innovation, and deepen appreciation for the flavors of the East. It will be an excellent learning opportunity for students and faculty members to expand their knowledge and skills in the field of hospitality and gastronomy. We invite all students and faculty to join us for this enriching experience. Workshop Details: Date: 20th February 2025 Venue: Square One Open Area Time: 11:00 AM onwards Mode: Offline Join us for a journey of flavors, creativity, and sustainability!

Outcomes

- Enhanced Culinary Knowledge – Participants will gain a deeper understanding of Eastern flavors, traditional ingredients, and unique cooking techniques.
- Innovation in Cooking – Students will learn how to blend traditional recipes with modern culinary innovations to create unique and sustainable dishes.
- Awareness of Sustainable Practices – The workshop will highlight eco-friendly cooking methods, waste reduction, and the importance of using locally sourced ingredients.
- Practical Hands-on Experience – Attendees will have the opportunity to taste and evaluate dishes prepared by culinary students, reinforcing their learning through real-world application.


GPS Map Camera
Patiala,Punjab,India
Chitkara University Road, Rajpura, Patiala,
Punjab 140601, India
Lat 30.514499, Long 76.660137
17/02/25 GMT+05:30
Note : Captured by GPS Map Camera


GPS Map Camera
Patiala,Punjab,India
Chitkara University Road, Rajpura, Patiala,
Punjab 140601, India
Lat 30.514843, Long 76.659904
17/02/25 GMT+05:30
Note : Captured by GPS Map Camera

TOPIC	Fashion Careers
DATE	20th February 2025
VENUE	Fashion Studio, Picasso Block
ORGANISER	Department of Fashion Design, Chitkara Design School
RESOURCE PERSON	Ms Shivani Saini
NO OF PARTICIPANTS	
SDG. NO	4, 9, 11, 12, 17

Objective of the event

1. To provide students with insights into career paths within the fashion industry.

2. Addressing frequently asked questions and equipping them with practical guidance for professional growth.

Brief of the Activity

The Department of Fashion Design, Chitkara Design School organized a masterclass on Fashion Careers, where the experienced industry expert, the director of Career Advancement Services at Chitkara University, Ms Shivani Saini, addressed the questions related to career advancement in fashion. Topics included portfolio development, job market trends, networking strategies, and opportunities across various fashion sectors. The session aimed to bridge the gap between academic learning and real-world career expectations.

Outcome of Event

1. Participants gained a clearer understanding of potential career trajectories in fashion.
2. The participants learned practical strategies for entering and progressing in the industry.
3. Ther students received answers to common concerns about employability and professional development.

TOPIC	Innovation in Denim Jeans for Fashion Future
DATE	21st February 2025
VENUE	Pulitzer Hall
ORGANISER	Department of Fashion Design, Chitkara Design School
RESOURCE PERSON	Marc Robinson and Roop
NO OF PARTICIPANTS	80
SDG. NO	4, 9, 11, 12, 17

Objective of the event

1. Students understand innovation in design of denim
2. Sensitizing the students with the heritage of British Architecture and Art
3. Enhance the students' skill to work within financial restraint to create innovative products
4. Enhancing students' knowledge of the work of successful and emerging designers in the competition
5. Making the students know the innovation in denim textiles and silhouettes
6. Informing students about the Pepe jeans Design competition
7. Learning fashion make-up and looks enhancement techniques

Brief of the Activity

The Department of Fashion Design, Chitkara Design School organized a one-day masterclass at the campus, which included Live interaction with supermodel, actor and director Mr. Marc Robinson. Students were informed about the Pepe Design Project. The history of Pepe jeans and the inception of the competition. Understanding conceptualization and case studies discussion of previous participant projects.

Outcome of Event

The one-day masterclass organized by the Department of Fashion Design at Chitkara Design School was a resounding success, leaving students with valuable knowledge and practical insights into the world of fashion design and innovation. The key outcomes of the event were:

1. **Enhanced Design Understanding**

Students gained a deeper appreciation for the innovation in denim design, particularly in

textiles and silhouettes, equipping them with the knowledge to incorporate these trends into their future work.

2. **Increased Awareness of Heritage Influence**

By overview of the influence of British architecture and art heritage on modern fashion, students will broaden their design horizons and develop a more diverse approach to their creative processes.

3. **Practical Knowledge of Financial Constraints**

The masterclass provided students with a clearer understanding of how to work within financial limits while still pushing the boundaries of creativity, a skill crucial for future design competitions and real-world industry scenarios.

4. **Exposure to Real-World Designers**

Students were inspired by the insights into successful and emerging designers, gaining practical approach on how to interpret design challenges and competition opportunities effectively.

5. **Understanding of the Pepe Jeans Design Competition**

The introduction to the **Pepe Jeans Design Competition** helped students understand the competition's requirements and expectations, motivating them to begin conceptualizing their own creative ideas for future participation.

6. **Skill Development in Fashion Styling**

The session on fashion make-up and looks enhancement allowed students to expand their skill set beyond design, incorporating styling techniques that are essential for creating cohesive and market-ready fashion collections.

7. **Inspiration from Industry Expert**

The live interaction with **Mr. Marc Robinson** provided students with valuable insights from an industry professional, reinforcing the importance of creativity, professionalism, and persistence in the fashion industry.

Overall, the workshop empowered students with the tools, inspiration, and understanding needed to excel in the fashion design industry, preparing them for both competitions and professional opportunities.


GPS Map Camera
Patiala, Punjab, India
Gm85+vfh, Chitkara University Rd, Punjab 140601, India,
Patiala, Punjab 140601, India
Lat 30.517259° Long 76.658776°
21/02/2025 11:16 AM GMT +05:30
Google


GPS Map Camera
Patiala, Punjab, India
Gm85+vfh, Chitkara University Rd, Punjab 140601, India,
Patiala, Punjab 140601, India
Lat 30.517259° Long 76.658766°
21/02/2025 11:17 AM GMT +05:30
Google

Topic	Branding Your Story
Date	24th February, 2025
Venue	LH-1, Picasso Block
Organizer	Department of Communication Design, Chitkara Design School.
Resource Person	Miss Anita Rajagopalan
Total no. of students	80
No. of Participants attended	50
Mode:	Offline
SDG No.	**4,8,9,11,12**

About

The Department of Communication Design at Chitkara Design School hosted a full-day Career Development workshop titled "Branding, Your Story" on 24 February 2025 for the Semester 6th and 4th led by creative consultant Anita Rajagopalan. Students gained hands-on experience in crafting brand stories and developing diverse, industry-ready portfolios through engaging and interactive sessions. Anita Rajagopalan shared her career journey working with top brands like Unilever, Johnson & Johnson, Target, Ogilvy and many more. Her insights on contemporary design trends and real-world experiences inspired students, sparking curiosity and encouraging innovative approaches to branding and storytelling. The workshop featured engaging interactive activities where students created brand stories using the renowned Pixar framework, diving deep into the intricacies of branding. Another highlight was a quick portfolio exercise on top design MNCs and studios, where students analyzed job descriptions to tailor their portfolios to industry-specific requirements.

Objectives

1. Develop a Strong Personal Brand
2. Enhance Storytelling Skills

3. Optimize Online Presence
4. Boost Confidence in Self-Promotion
5. Create an Actionable Career Branding Plan

Brief

Branding Your Story: Career Development Workshop was a transformative experience designed to empower students with the skills and insights needed to create a compelling personal brand that enhances their career prospects. In today's competitive job market, standing out requires more than just a strong resume; it demands a well-crafted narrative that highlights unique strengths, experiences, and values. This workshop was tailored especially for the students. Through interactive sessions, expert guidance, and real-world applications, students discovered how to shape their personal stories in a way that resonates with employers, clients, and professional networks. At the core of this workshop was the concept of personal storytelling—learning how to articulate one's journey in a manner that is both authentic and compelling. Students explored their professional experiences, key achievements, and personal values to build a narrative that reflects their true essence. The workshop delved into identifying core strengths, crafting an impactful elevator pitch, and effectively using storytelling techniques in resumes, cover letters, interviews, and networking opportunities. By mastering these skills, students ensured that their personal brand and portfolio leaves a lasting impression.

Brand your Story- 'Portfolio Building Session' for **CD Batch 2022 (Semester-6)**

A highlight of the portfolio building session was an engaging exercise that focused on top design MNCs and leading studios. In this interactive activity, students carefully analyzed real-world job descriptions, gaining insights into industry-specific expectations and skill requirements. Through this exercise, they learned how to tailor their portfolios strategically, aligning their work with the demands of potential employers while showcasing their unique design voice and capabilities. This hands-on approach not only enhanced their understanding of professional standards but also equipped them with the tools to present their creative journey more effectively in the competitive design landscape. The Portfolio Building Session of the workshop emphasizes the importance of an online presence. In the digital age, platforms like LinkedIn and personal websites serve as virtual resumes and networking tools. Participants will learn how to optimize their online profiles, curate content that reflects their professional identity, and engage effectively with their industry's online community. Social media branding, professional networking strategies, and reputation management will also be key components of the session, ensuring that attendees present a consistent and professional image across all platforms. Another critical aspect of personal branding covered in the workshop is confidence-building. Many professionals struggle with self-promotion, often undervaluing their experiences and abilities. Through

group discussions, peer feedback, and guided exercises, students developed the confidence needed to articulate their value proposition effectively. Whether in interviews, networking events, or client pitches, having a clear and confident personal brand can significantly impact career growth.

'Brand your Story' Session for **CD Batch 2023 (Semester-4)**

The "Brand Your Story" session for the Communication Design Batch 2023 (Semester-4) was an immersive and interactive workshop focused on the art of storytelling in branding. Through engaging activities, students explored the renowned Pixar framework, a powerful tool for crafting compelling narratives. The session provided a hands-on experience where students created unique brand stories, diving deep into the intricacies of brand identity, emotional connection, and strategic communication. This approach not only enhanced their creative thinking but also equipped them with practical skills essential for building authentic and relatable brand voices.

Outcomes

1. Clearly Defined Personal Brand
2. Stronger Communication Skills
3. Improved Digital Presence
4. Increased Confidence in Career Advancement
5. Actionable Branding Strategy

Event name:	Expert Talk
Topic:	Environmental Sustainability and Green Technologies
Date:	03.03.2025
Mode:	Offline
Venue:	Room No. 408, Fourth Floor, Le Corbusier Block, Chitkara School of Planning and Architecture, Chitkara University, Village Jhansla, Tehsil Rajpura, District Patiala, State Punjab - 140401
Organiser Name:	Department Of Interior Design
Resource Person:	Prof. S. R. Dhanasekaran, Independent Industry Consultant
No. Participant:	79
SDG nos.:	4,9,11

Objectives

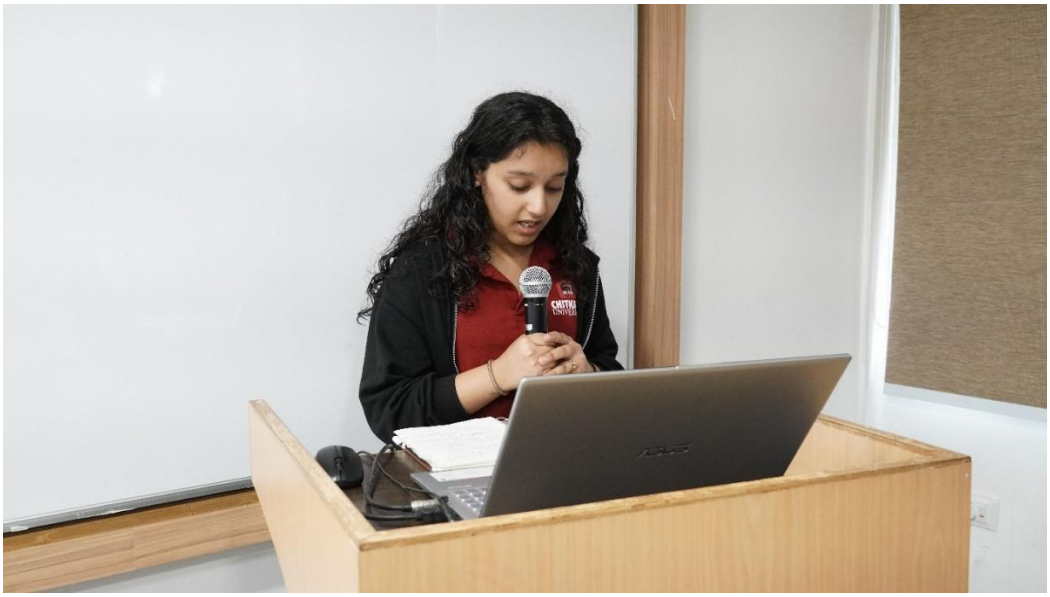
- To educate the future citizens of the earth about the urgency of sustainable development.
- To sensitise the students about environmental impact and occupant well-being.
- To understand various topics related to environmental sustainability and green technologies.
- To enhance the knowledge of students on sustainable development of building interiors.

Description

The Department of Interior Design at Chitkara School of Planning and Architecture organised an expert session on "Environmental Sustainability and Green Technologies" for the students of second and third year, B. Des. (Interior Design) on 03rd March 2025 at Le Corbusier Block, Chitkara University, Punjab. Prof. S. R. Dhanasekaran, an independent industry consultant situated at Chandigarh was the resource person for the event. Prof. Dhanasekaran has been the pioneer of the Department of Applied Sciences at Chitkara University, Punjab – India's first institution offering B. Tech. programmes in "Building Services Engineering". The session covered key topics like Net Zero Buildings, Sustainable Building Materials, Renewable Energy, Life Cycle Assessment and Embodied Energy. The resource person explained each of these topics to the students with examples and illustrations focusing on creating aesthetically pleasing and functional spaces while minimising environmental impact and promoting occupant well-being. It was an interactive session and the students got to learn the concept of environmental sustainability and green technologies which enhanced their knowledge on sustainable development of building interiors.

Outcomes

- The students were made aware of the importance of sustainable development.
- The students were sensitised about the environmental impact of buildings and their effects on occupant well-being.
- The students gained a basic understanding about various topics related to environmental sustainability and green technologies.
- The students obtained insight into sustainable development of building interiors.



EVENT DETAILS	
Title:	Symposium on Electric and Autonomous Vehicles (SEAV) 2025
Date:	06-03-2025 and 07-03-2025
Time:	09:00 am to 04:30 pm
Mode:	In-Person
Organized by:	CUIET, Applied Engineering
Venue:	Chitkara University

Objectives

- To disseminate the latest research findings and technological advancements in electric and autonomous vehicle technologies.
- To foster interdisciplinary collaboration and knowledge exchange among researchers, engineers, policymakers, and industry professionals.
- To explore emerging trends and future directions in the development and deployment of electric and autonomous vehicles.
- To critically evaluate the current state of technology and identify key challenges and opportunities for innovation in electric and autonomous vehicles.
- To provide a platform for the presentation and discussion of cutting-edge research papers and case studies.

Report

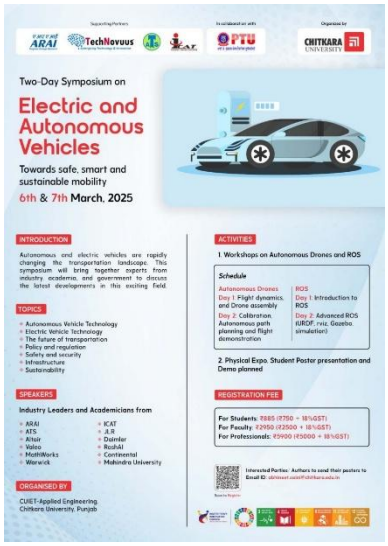
The Symposium on Electric and Autonomous Vehicles (SEAV-2025) at Chitkara University brought together experts, researchers, and students to discuss the latest advancements in electric and autonomous vehicle technologies. The day was filled with insightful keynote sessions, technical talks, and hands-on demonstrations, fostering knowledge exchange and innovation. The key topics which were finalized and discussed by the experts during the event are summarized below:

S. No.	Title	Resource persons (Day 1 and 2)	Mapped SDGs

Day 1			
1.	Testing of ADAS & Autonomous Vehicles	Shri S. Ramanathan, MD, ATS, New Delhi	3, 9, 11
2.	Smart Charging Platform for Electric Vehicles	Prof. (Dr.) C.C. Reddy, and Dr. Ashwini Sharma, Electric Engineering Department, IIT Ropar	7, 9, 11, 13
3.	The Role of Modelling and Simulation in Electric Vehicle Design	Dr. Dhruv Chandel, Manager, MathWorks, New Delhi	7, 9, 11, 12
4.	Hands-on workshop: 'Introduction to ROS'	Mr. Gurpreet Singh and Dr. Archana Kanwar, Mechatronics Engineering Department, CUIET-AE, Chitkara University Punjab	4, 9
5.	Hands-on workshop : 'Autonomous Drones'	Dr. Gurdyal Singh, Mechatronics Engineering Department, CUIET-AE, Chitkara University Punjab	4, 9
6.	Poster Presentation on electrical vehicles	Coordinated by Dr. Rajneesh Kumar, Mechatronics Engineering Department, CUIET-AE, Chitkara University Punjab	7, 9, 11, 13
Day 2			
1.	Technological Trends in ADAS/Autonomous Vehicles	Mr. Shantanu Sonar, Daimler Truck Innovation Center India.	3, 9, 11, 13
2.	Advancing Autonomous Electric Mobility Through Cutting-Edge Automotive Simulations	Dr. Anudeep Bellary, Altair Engineering India.	7, 9, 11, 13

3.	How ADAS Saves Lives	Mr. Gurkaran Singh Cheema, ICAT, New Delhi.	3, 9, 11, 13
4.	India-Specific Synchronous Dataset Generation for ADAS & Autonomous Vehicles	Mr. Ninad, Automotive Research Association of India (ARAI), Pune, India.	3, 9, 11, 13
5.	Current Legislation and Regulations Relevant to Autonomous Vehicles in the UK/EU	Ms. Jerein Jeyachandran, University of Warwick, UK	3, 9, 11

Inaugural Session was hosted by Dr. Atipriya Sharma and Dr. Abhishek Kumar, Assistant Professors, Mechatronics Engineering Department. The event started with the 'lamp lighting ceremony', it's an auspicious ritual that signifies positivity, purity, and the beginning of a good endeavor. It was followed by Dr. K.C. Vora's, (Professor of Practice, CUIET-Applied Engineering) overview of electric and autonomous vehicles, discussing the latest developments, challenges, and opportunities in the field.



Details about the technical sessions

The symposium was organized in such a way that it consists of technical sessions before lunch, and post lunch hands-on practice sessions on ROS and Autonomous.

I. Technical sessions

The talks on the electrical and autonomous vehicles were delivered by various renowned resource persons, who worked in this field. The key highlights of all the resource persons is briefly provided below:

1. Shri S. Ramanathan (MD, ATS, New Delhi), who spoke about 'Testing of ADAS & Autonomous Vehicles' and highlighted the importance of Advanced Driver Assistance Systems (ADAS) in modern vehicles and challenges in ensuring safety and regulatory compliance for autonomous systems. The testing includes evaluating various ADAS functions, such as lane departure warning, forward collision warning, and automatic emergency braking. The live demonstration of an ADAS-equipped vehicle, showcasing real-time safety features and automation capabilities.

2. Dr. C.C. Reddy, Professor and Head, Electric Engineering Department and Dr. Ashwini Sharma from IIT Ropar talked about 'Smart Charging Platform for Electric Vehicles' and discussed smart charging infrastructure for electric vehicles, research advancements in battery management, fast-charging solutions and EV integration with smart grids. The use of wireless charging stations are the most convenient way of changing the electrical vehicles in comparison to the conventional wired charging stations.

3. Dr. Dhruv Chandel (Manager, MathWorks, New Delhi) discussed 'The Role of Modelling and Simulation in Electric Vehicle Design' and highlighted the importance of simulation-driven vehicle design and role of MATLAB and Simulink in EV development. The necessity for accurate component modeling (battery, motor, controller) to ensure reliable performance predictions of the EVs and the use of simulation to test and refine control systems, enhancing vehicle drivability and responsiveness.

4. Mr. Shantanu Sonar (Daimler Truck Innovation Center India) discussed "Technological Trends in ADAS/Autonomous Vehicles," shedding light on the evolution of Advanced Driver Assistance Systems (ADAS) and their role in enhancing road safety and vehicle automation. Discussions on technological trends in ADAS/Autonomous Vehicles consistently highlight the convergence of several key areas. Sensor fusion, combining data from cameras, LiDAR, radar, and ultrasonic sensors, is crucial for accurate environmental perception. Advanced AI and machine learning algorithms are essential for processing this data, enabling decision-making and predictive capabilities. Furthermore, there is a strong focus on the development of robust software, and the need for standardized regulations and ethical considerations, to ensure the safe and reliable deployment of these technologies. Finally, the importance of driver monitoring systems, and the public acceptance of this technology, are also key points of discussion

5. Dr. Anudeep Bellary (Altair Engineering India) delivered a session on "Advancing Autonomous Electric Mobility Through Cutting-Edge Automotive Simulations," emphasizing the role of simulation in vehicle design and validation. Discussions on advancing autonomous

electric mobility through cutting-edge automotive simulations likely centered on several key, often unspoken, points. These include the crucial role of simulation in drastically reducing development time and costs compared to real-world testing, particularly for complex scenarios. Emphasis would be placed on the need for highly accurate and validated simulation models that can replicate real-world conditions, including diverse weather, traffic patterns, and sensor behaviors. The underlying assumption is that robust simulation environments are essential for safely and efficiently training AI algorithms for autonomous driving, and for validating the performance and safety of electric vehicle powertrains and control systems before deployment. Furthermore, there's an implicit understanding that collaboration between industry, academia, and regulatory bodies is vital to establish standardized simulation methodologies and ensure the reliability and acceptance of simulation-driven development.

6. Mr. Gurkaran Singh Cheema (ICAT) presented “How ADAS Saves Lives,” illustrating real-world applications and the impact of ADAS in accident prevention. Discussions on how ADAS (Advanced Driver Assistance Systems) saves lives consistently highlight its proactive nature, addressing human error and enhancing situational awareness. ADAS technologies, utilizing sensors, cameras, and radar, prevent accidents by providing real-time warnings and automated interventions like automatic emergency braking and lane-keeping assist. These systems compensate for driver limitations, such as fatigue or distraction, and improve visibility, especially in challenging conditions like nighttime driving. By minimizing decision latency and providing a comprehensive view of the vehicle's surroundings, ADAS significantly reduces the risk of collisions, ultimately contributing to safer roads.

7. Mr. Ninad (ARAI) led a discussion on “India-Specific Synchronous Dataset Generation for ADAS & Autonomous Vehicles,” addressing the importance of localized datasets for the development of AI-driven mobility solutions. Discussions on India-specific synchronous dataset generation for ADAS and autonomous vehicles emphasize the unique challenges posed by India's diverse and chaotic traffic environment. Key silent points include the necessity for datasets that accurately reflect unstructured traffic patterns, including heterogeneous vehicle types (from bullock carts to modern cars), unpredictable pedestrian behavior, and varying road infrastructure. Furthermore, the importance of capturing data under diverse weather and lighting conditions prevalent in India, such as heavy monsoon rains and dense fog, is crucial. The need for cost-effective and scalable data collection methods tailored to the Indian context, as well as the ethical considerations surrounding data privacy and safety in a densely populated environment, are also implicitly understood.

8. The morning session concluded with an online lecture by Ms. Jerein Jeyachandran (University of Warwick, UK) on “Current Legislation and Regulations Relevant to Autonomous

Vehicles in the UK/EU." She provided valuable insights into the evolving regulatory framework for autonomous vehicle deployment in Europe, highlighting safety standards, testing protocols, and compliance challenges. The discussion on current legislation and regulations for autonomous vehicles in the UK/EU highlights a complex and evolving landscape. Key points include the UK's Automated Vehicles Act 2024, which establishes a framework for safe AV deployment, defining concepts like "authorized self-driving entities" and "user-in-charge," and emphasizing rigorous safety testing. In the EU, regulations are spread across various acts, including the General Safety Regulation and the AI Act, focusing on safety standards, AI risk assessment, and data governance. There is also a divergence in approaches between the UK and the EU, with the UK taking a more context specific approach, and the EU taking a more risk based approach. Both regions are working to address liability, safety, and data handling, with a focus on creating clear frameworks for the responsible introduction of autonomous vehicle technology.

II. Hands-on sessions

Different hands-on sessions were conducted on 'Introduction of ROS', 'Advanced ROS', and 'Autonomous Drones' and lunch in the SEAV 2025. The silent features of all these hand-on sessions is discussed below:

1. Salient features of the hands-on workshop on 'Introduction of ROS'

- Understanding ROS Archit
- Practical ROS Development
- Modular Robotics Development
- Community and Ecosystem Awareness.

2. Salient features of the hands-on workshop on 'Advanced ROS (URDF, Rviz, Gazebo, Simulation)***'***

- Advanced ROS Concepts
- Real-World Robotics Scenarios
- ROS Tools and Debugging.
- Machine Learning Integration

3. Salient features of the hands-on workshop on 'Autonomous Drones***'***

- Navigation & Path Planning
- Sensor-Driven Autonomy
- Data Acquisition & Processing
- Operational Autonomy

III. Poster presentation

4. The student poster presentation session at the Symposium on Electrical and Autonomous Vehicles showcased a diverse range of research and design projects, reflecting the students' awareness in the field. Participants presented their work through visually compelling posters, covering topics such as advanced battery management systems, innovative electric motor designs, sensor fusion for autonomous navigation, and intelligent traffic management algorithms. Each poster detailed the project's objectives, methodologies, results, and potential impact, providing a clear overview of the students' contributions. A panel of industry and academic experts meticulously evaluated the posters, assessing the students' technical understanding, research rigor, and presentation skills. The evaluation focused on the clarity of the presented information, the innovativeness of the proposed solutions, and the students' ability to articulate their work during the Q&A sessions, ultimately recognizing the most impactful and insightful projects.
5. The validatory ceremony of the SEAV 2025 was organized during the second day of the event. The ceremony was hosted by Dr. Abhineet Saini, Associate Dean, Mechatronics Engineering Department, CUIET-AE, Chitkara University and he expressed the ‘vote of thanks’ to the esteemed experts. At the same time, the students were also awarded with the trophies who had secured the positions in the poster presentation competition. However, the participants were facilitated with the participation certificates.

Outcomes

- The symposium provides a platform for academics to network and establish collaborations with researchers from other institutions and industry.
- Exposure to cutting-edge research and emerging technologies can inspire academics to pursue new research avenues within electric and autonomous vehicle domains.
- Opportunities to present posters, sharing findings with a wider academic audience.
- Gaining insights into the latest technological advancements, research trends, and industry developments in the field of electrical and autonomous vehicles.

Event Name	Ecofriendly Practices :Kabaad Se Jugaad
Date	07th March 2025
Venue	Pultizer Hall, Chitkara University, Punjab
Organizer	Department of Education
Resource Person	Prof. Manpal Setia, Dean, Chitkara Design School
Number of Participants	67
SDGs Covered	4, 11, 165 17
Duration	One Hour

About the Activity

The session on eco-friendly sustainable practices, led by Dr. Manpal Setia, was an enlightening experience for participants. Dr. Setia emphasized the importance of reducing waste, conserving energy, and promoting green initiatives as part of daily routines. Participants were introduced to practical ways of implementing sustainability at individual and community levels, with an emphasis on minimalism and resource efficiency. Dr. Setia also discussed innovative strategies to achieve eco-friendly living, including composting, recycling, and supporting renewable energy solutions.

Event name	Expert Talk
Topic	“Professor of Practice: Conscious Luxury Design”
Date	18/03/2025
Mode	Offline
Venue	Rockefeller Block, Chitkara University
Organizer Name	Department of interior Design
Resource Person	Mr. Mohit Hajela
No. Participant	132
SDG no.	4,9,11

Objectives

. Introduce students to the concept of conscious luxury in interior design.

. Highlight the role of sustainability in modern luxury spaces

. Inspire students to think creatively and responsibly as future designers

. Encourage interactive learning through discussions and Q&A

Description

The Department of Interior Design at Chitkara School of Planning and Architecture, Chitkara University, organized an insightful expert talk titled “Professor of Practice: Conscious Luxury Design” on 17th March 2025. The session was held at Carnegie Hall, Rockefeller Block, and was attended by students and faculty members from the Interior Design program.

The resource person for the session was Mr. Mohit Hajela, Group Head of Business Development at Jaquar Group. With years of experience in the luxury and sustainable design sector, Mr. Hajela brought a deep and practical perspective to the concept of conscious luxury.

In his talk, Mr. Hajela emphasized the growing importance of designing spaces that blend opulence with responsibility. He highlighted how modern interior designers must strike a balance between aesthetics, functionality, and sustainability. Through case studies and product examples, he showcased innovative approaches to water conservation, energy efficiency, and eco-friendly materials in luxury bathroom and lighting solutions.

The interactive session allowed students to engage with Mr. Hajela through questions and discussions on the challenges and future trends in sustainable design. He encouraged young designers to be mindful of their environmental impact and to lead with creativity and conscience.

This expert talk proved to be a valuable learning opportunity, enhancing students' understanding of integrating sustainability into high-end design. The department's initiative to bring industry experts into the academic environment was greatly appreciated and left a lasting impact on the participants.

Overall, the session was a resounding success, sparking inspiration and new ideas among budding interior designers to redefine luxury through responsibility and innovation.

Outcomes

. Students understood the meaning and importance of conscious luxury design.

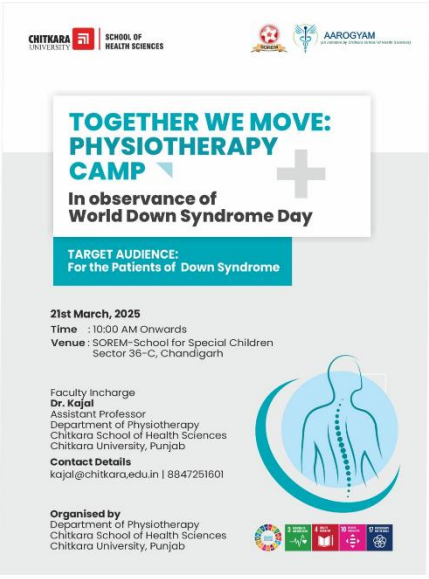
. Learned how luxury can be combined with environmental responsibility.

. Developed a deeper interest in green and sustainable design ideas

. Became aware of real industry examples and case studies

Event Name	World Down Syndrome Day Together We Move: Physiotherapy Camp
Date	21 March, 2025
Venue	SOREM – School for Special Children, Sector-36, Chandigarh.
Organizer	Department of Physiotherapy, Chitkara School of Health Sciences, Chitkara University, Punjab
Resource Person	NA
Number of Participants	11
SDG Number	3, 4, 10, 11, 17
Duration	One day

About the Activity



The Department of Physiotherapy, Chitkara School of Health Sciences, organized the "Together We Move: Physiotherapy Camp" on 21st March 2025 at SOREM – School for Special Children, Chandigarh, to commemorate World Down Syndrome Day. This initiative aimed to provide physiotherapy assessment and interventions to children with Down Syndrome, enhancing their mobility, motor skills, and overall well-being.

The event witnessed active participation from students of the BPT 2022 batch and the MPT program, who conducted thorough physiotherapy assessments and tailored interventions for the children. This hands-on experience not only enriched their clinical skills but also deepened their understanding of the specific needs and challenges faced by individuals with Down Syndrome.

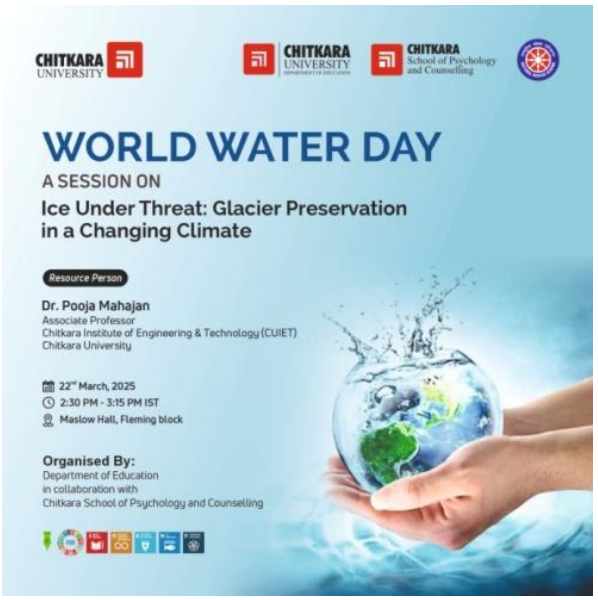
The camp was graced by the presence of Dr. Vivek Shrivastava, Dean, Department of Physiotherapy, Chitkara School of Health Sciences, whose encouragement and guidance inspired the students. His insights on the role of physiotherapy in managing developmental disorders provided a broader perspective on community-based rehabilitation.

The camp proved to be an invaluable platform for students to develop professional expertise, empathy, and a sense of social responsibility. It also strengthened the collaboration between academia and community organizations, ensuring a holistic approach to healthcare for children with special needs.

The success of "Together We Move: Physiotherapy Camp" reaffirmed the Department of Physiotherapy's commitment to community engagement, student learning, and inclusive healthcare. This initiative marks another milestone in fostering a compassionate and skilled generation of physiotherapists dedicated to improving lives through movement and therapy.

Event Name	World Water Day Ice Under Threat: Glacier Presentation in a Changing climate
Date	22nd March 2025
Venue	Maslow Hall, CSPC, Fleming Block, Chitkara University, Punjab
Organizer	Department of Education
Resource Person	Dr. Pooja Mahajan, Associate Professor at the Chitkara Institute of Engineering & Technology (CUIET), Chitkara University
Number of Participants	39
SDGs Covered	4, 6, 12, 14, 17
Duration	One Hour

About the Activity



The Department of Education, in collaboration with the Chitkara School of Psychology and Counselling (CSPC) and the National Service Scheme, organized an insightful session on "Ice Under Threat: Glacier Preservation in a Changing Climate" as part of the World Water Day. This event brought to the forefront the urgent challenges of glacier preservation amidst a changing global climate.

The session was led by Dr. Pooja Mahajan, Associate Professor at the Chitkara Institute of Engineering & Technology (CUIET), Chitkara University. Dr. Mahajan captivated the audience with her comprehensive analysis of the alarming impacts of climate change on glaciers—our planet's essential water reservoirs. She delved into the critical consequences of glacial retreat on ecosystems and human livelihoods and proposed innovative strategies for conservation and sustainable practices. The session fostered profound discussions and heightened awareness about the fragile state of our glaciers. This initiative emphasized the collective responsibility to combat climate change and preserve these invaluable natural resources for future

generations. The event exemplified Chitkara University's unwavering commitment to quality education and sustainable development.

The session left participants inspired to take meaningful action and uphold environmental stewardship. Together, we strive for a sustainable future, protecting glaciers as a vital lifeline for humanity.

EVENT DETAILS	
EVENT TYPE	EXPERT TALK
TOPIC	NEXT-GEN WATERPROOFING AND SMART BUILDING MATERIALS: INNOVATIONS FOR SUSTAINABLE STRUCTURES
DATE	2025-03-24 to 2025-03-24
MODE	OFFLINE
ORGANIZER NAME	DR. SHRISTI KANOUNGO & MS. NIHARIKA GUPTA
RESOURCE PERSON	MR. SHUBHAM KUMAR, , AREA MANAGER, TECHNICAL CUSTOMER SOLUTION
NO. OF PARTICIPANTS	13
SDG NO	SDG 9: INDUSTRY, INNOVATION AND INFRASTRUCTURE, SDG 11: SUSTAINABLE CITIES AND COMMUNITIES, SDG 12: RESPONSIBLE CONSUMPTION AND PRODUCTION, SDG 13: CLIMATE ACTION

OBJECTIVE

1. Explore and promote advancements in waterproofing technologies
2. Enhancing the durability and resilience of structures against water damage
3. Minimizing environmental impact
4. Foster collaboration

DESCRIPTION

The event "Next-Gen Waterproofing and Smart Building Materials: Innovations for Sustainable Structures" highlights advancements in construction chemicals, smart building technologies, and innovative waterproofing solutions. It emphasizes preventive waterproofing measures, eco-friendly materials for enhanced durability and resistance to environmental factors.

OUTCOMES

1. Introduction of advanced waterproofing technologies for enhanced durability.
2. Increased awareness of sustainable materials and construction practices.
3. Collaboration to drive innovation and adoption.
4. Emphasis on smart building solutions for proactive maintenance strategies


CHITKARA UNIVERSITY
CHITKARA UNIVERSITY
GPS Map Camera
Patiala,Punjab,India
NH 7, Rajpura, Patiala, Punjab 140601, India
Lat 30.515908, Long 76.656593
03/24/2025 11:51 AM GMT+05:30
Note : Captured by GPS Map Camera


CHITKARA UNIVERSITY
CHITKARA UNIVERSITY
GPS Map Camera
Patiala,Punjab,India
NH 7, Rajpura, Patiala, Punjab 140601, India
Lat 30.515951, Long 76.656346
03/24/2025 11:50 AM GMT+05:30
Note : Captured by GPS Map Camera

Event Name: -	World Tuberculosis Day
Venue: -	CHC, Kalomajra
Date: -	24th March, 2025
SDG Number, Name and NEP: -	3- Good health and wellbeing, 11 – Sustainable Cities and communities and NEP: - 1
Organized By: -	National Service Scheme, Chitkara University, Punjab
Number of Participants: -	46
Duration: -	One Day

Objective

1. To educate the public about tuberculosis, its symptoms, causes, and treatment options.
2. To break the stigma associated with TB and encourage people to seek diagnosis and treatment early.
3. To share information about the global prevalence of TB, including the number of cases and deaths caused by it.
4. To emphasize the need for better healthcare infrastructure and access to treatment, particularly in low- and middle-income countries.

Description

On 24th March 2025, the awareness talk on World Tuberculosis Day was conducted at CHC Kalomajra by the students of B.Sc. Nursing 4th semester, Department of Nursing, Chitkara School of Health Sciences, Chitkara University, Punjab. The rally began with a brief introduction about TB, its symptoms, causes, and treatment options, led by the students. Participants, including healthcare professionals, residents, and fellow students, marched through the streets of Kalomajra, holding banners and placards with impactful messages such as “TB is Treatable, Don’t Ignore It” and “Get Tested, Save Lives.” The march was aimed at educating the public, encouraging people to seek timely medical help, and reducing misconceptions about TB. The rally's objective was to stress the importance of early detection and adherence to treatment. Students distributed educational pamphlets and brochures that provided information on TB prevention and the available resources for diagnosis and treatment at the CHC. They also addressed common myths and misconceptions that often prevent individuals from getting tested or treated. One of the key messages emphasized during the event was the need to **break the stigma** associated with TB. The 4th-semester students actively engaged with the community, encouraging open

dialogue and making people aware that TB is a treatable disease when caught early. By the end of the rally, the students were able to create a sense of urgency regarding TB awareness and generate a commitment among the community to fight against this deadly disease. The event concluded with a pledge by the participants to take collective action toward TB elimination, reinforcing the global vision of a **TB-free world by 2030**.

This rally was an excellent platform for the students to showcase their commitment to public health and contribute to the global movement against tuberculosis. The event was a success in spreading critical information and inspiring the community of Kalomajra to play an active role in the fight against TB.

Outcomes

1. The rally helps to inform the public about the signs, symptoms, and treatment options for TB, leading to a better understanding of the disease and its impact. This increased awareness encourages individuals to seek testing and treatment if they show symptoms of TB.
2. By promoting education and open discussion about TB, the rally can help reduce the stigma associated with the disease. This encourages individuals affected by TB to seek help and engage in treatment without fear of being marginalized.
3. With more people aware of TB's symptoms and the importance of early detection, the rally can lead to an increase in the number of individuals seeking testing. The rally advocates for increased funding and resources for TB programs, which can help improve the accessibility and availability of TB testing, treatment, and prevention efforts. It can also push governments and organizations to prioritize TB in health agendas.
4. This partnership can lead to better planning, more comprehensive healthcare responses, and shared knowledge to combat TB on a global scale.

EVENT DETAILS	
EVENT TYPE	EXPERT TALK
TOPIC	BLAZING INNOVATION – FIREFIGHTING SOLUTIONS
DATE	2025-03-26 to 2025-03-26
MODE	OFFLINE
VENUE	LH-3, ESCOFFIER BLOCK (CHITKARA UNIVERSITY, RAJPURA, PUNJAB)
ORGANIZER NAME	CHITKARA COLLEGE OF HOSPITALITY MANAGEMENT
RESOURCE PERSON	MR. SANJEEV BHARADWAJ, ASSOCIATE DIRECTOR, OFFICE OF INFRASTRUCTURE DEVELOPMENT
NO. OF PARTICIPANTS	42
SDG NO	3,4,9,11,13

OBJECTIVE

1. To introduce students to modern firefighting systems and technologies.
2. To enhance understanding of fire classifications and appropriate extinguishing methods.
3. To promote awareness about fire safety and emergency response protocols.
4. To bridge the gap between theoretical knowledge and practical application.
5. To encourage innovation and safety awareness in infrastructure management.

DESCRIPTION

Chitkara College of Hospitality Management, in collaboration with the Fire & Security Association of India (FSAI), organized an insightful and impactful Level 1 activity titled "Blazing Innovation – Firefighting Solutions" on 26th March 2025. The session was conducted from 2:00 PM to 4:00 PM at LH-3, 2nd Floor, Escoffier Block, Chitkara University, Rajpura Campus. The event was coordinated under the joint supervision of the Office of Infrastructure Development and the Chitkara College of Hospitality Management. The resource person for the session was Mr. Sanjeev Bhardwaj, Associate Director, Office of Infrastructure Development, Chitkara University. With his expertise in infrastructure and safety protocols, Mr. Bhardwaj delivered a comprehensive session on cutting-edge

firefighting solutions and innovations in the field of fire safety. The key objective of the event was to familiarize students and faculty with modern firefighting methods, systems, and equipment that are revolutionizing emergency response mechanisms in public and private infrastructures. The session began with an engaging presentation on fire classifications, causes, and the corresponding types of extinguishing agents. It was followed by an in-depth discussion on innovative firefighting systems, including automated suppression systems, fire detection technologies, and smart safety alarms integrated with building management systems. Students were also introduced to the practical application of firefighting equipment and the importance of rapid response during fire emergencies. The demonstration included videos, model equipment displays, and interactive question-answer sessions, which helped bridge the gap between theoretical learning and real-world application. The session was well-received and proved to be highly beneficial in promoting awareness of occupational safety and emergency preparedness. It aligned with the vision of the Institution's Innovation Council (IIC) to encourage innovation and proactive thinking in areas critical to societal well-being. Overall, "Blazing Innovation – Firefighting Solutions" provided participants with valuable insights into the evolving landscape of fire safety technology and strengthened Chitkara University's commitment to holistic, experience-based education.

OUTCOMES

1. Students gained practical knowledge of advanced firefighting equipment.
2. Participants understood the types and causes of fire incidents.
3. Attendees learned about automated and smart fire safety systems.
4. The session improved awareness of emergency response strategies.
5. The event fostered interest in safety innovation and infrastructure planning.

Title:- - Innovating Heuristic Evaluation: Methodologies and Industry Applications		
1	**Type of Activity**	Workshop
2	**Program Theme (Keywords)**	Innovation
3	**LINK (Pre Link)**	https://www.facebook.com/share/p/14NtNUio7p/?mibextid=wwXIfr
	LINK (Post Link)	
4	**Program Type**	Level 3
	Nomenclature	Workshop
	Duration of the activity	2 days
5	**Description of the event:-**	
	The Department of UX&UI at Chitkara Design School organized a workshop on "Innovating Heuristic Evaluation: Methodologies and Industry Applications," led by Ms. Sanika Palkar, Interaction Design Manager at Accenture Song. She explored advanced heuristic evaluation techniques, highlighting their role in modern UX design. Students learned both traditional and innovative heuristics for assessing usability, with case studies spanning sectors like e-commerce, healthcare, and smart technologies. The workshop fostered critical thinking, enabling students to apply heuristic principles to emerging technologies. On Day 1, students studied Jacob Nielsen's examples, while Day 2 involved group critiques of different apps.	
6	**Kindly justify the activity conducted by your respective department as a fit for IIC event**	
	The "Innovating Heuristic Evaluation" workshop organized by the Department of UX&UI at Chitkara Design School aligns perfectly with the IIC's objectives of fostering innovation and entrepreneurship. The session focused on advanced heuristic evaluation methodologies, encouraging creative problem-solving and innovation in UX design. It bridged academia and industry, offering students insights into real-world applications across sectors like e-commerce and healthcare.	
7	**Start and End date of the event**: 02/04/2025 and 02/05/2025	
8	**Mention minimum number of students (Event):** 54	
9	**Mention minimum number faculty (Event):** 2	

10	**Objective of the event in 3 words (90 Characters) only:** Innovate, Evaluate, Apply	
11	**Benefit of the activity:** Learning heuristic evaluation, enhancing problem-solving, UX skills, critical thinking, adaptability, real-world applications	
12	**Video URL**	https://drive.google.com/file/d/1TLg6W_YaFrY4O-raIGq2zBegRt21j6bM/view?usp=drive_link
13	**SPACE FOR PHOTOGRAPHS**	

FLYER Photograph (<2MB)

Photographs with Speaker/Students (<2MB)

Photographs with Speaker/Students (<2MB)

Photographs with Speaker/Students (<2MB)

Photographs with Speaker/Students (<2MB)	Photographs with Speaker/Students (<2MB)
	
Name of Department:	**Department of UX&UI, CDS**
Name of Organiser with Mail ID & Contact Number:	Dr. Akanksha Ghai akanksha.ghai@chitkara.edu.in 9501464121
Resource Person Details:	
Name:	**Sanika Palkar**
Designation:	Interaction Design Manager
Organization:	Accenture Song
Mail ID:	sanika.arun.palkar@accenture.com
Contact No.	9821619662

EVENT DETAILS	
EVENT TYPE	INNOVATION AND SKILL DEVELOPMENT
TOPIC	PAPER TRAIL TO SUSTAINABILITY
DATE	2025-04-21 to 2025-05-23
MODE	OFFLINE
ORGANIZER NAME	DR. POOJA MAHAJAN
RESOURCE PERSON	DR. SEEMA SINGH, ASSOCIATE PROFESSOR | MR. SANJEEV KUMAR BHARDWAJ, ASSOCIATE DIRECTOR
NO. OF PARTICIPANTS	157
SDG NO	SDG 4: QUALITY EDUCATION, SDG 9: INDUSTRY, INNOVATION AND INFRASTRUCTURE, SDG 11: SUSTAINABLE CITIES AND COMMUNITIES, SDG 12: RESPONSIBLE CONSUMPTION AND PRODUCTION, SDG 13: CLIMATE ACTION, SDG 15: LIFE ON LAND

OBJECTIVE:

1. To educate students about the environmental impact of paper wastage and its connection to sustainability in institute.

2. To raise awareness on responsible paper usage and recycling practices to minimize ecological footprints.

3. To encourage students to integrate sustainable practices within institute by emphasizing environmental responsibility.

4.To promote interdisciplinary collaboration to explore innovative solutions for reducing paper waste.
5.To inspire future professionals to advocate for sustainable policies and initiatives in institutions.

DESCRIPTION:

The Department of Applied Sciences and Centre of Excellence for Sustainability, Chitkara University in collaboration organized a powerful awareness a 3-Days event "Paper Trail to Sustainability" on occasion of World Earth Day-2025.The event aimed to sensitize young minds toward sustainability and the importance of paper recycling. On 21st April 2025 (Day-1), the event titled Paper Footprints: Reimagine and Renew —an Awareness Talk on Paper Wastage and its Environmental Impact—marked the beginning of World Earth Day 2025 celebrations under two sessions. The morning session, held at Govt. High Smart School, Thua, began with a warm welcome by school authorities. Dr. Pooja Mahajan along with students of Ecolution Club, conducted an insightful talk, introducing students to sustainability and its importance in daily life. School students have also participated in activity to make cardboard collection boxes for used paper, Their enthusiasm shone as they actively participated and took a heartfelt pledge for reuse of paper. In second session, Dr. Seema Singh from Centre for research impact and outcome focused on environmental responsibility and provide creative solutions for sustainability to University students. On 22nd April, the "Paper Drive," a wastepaper collection initiative, was held. Collection points were set up at different departments of University, where participants were educated on sorting paper waste effectively. The drive successfully gathered a significant amount of wastepaper for recycling and raised awareness about sustainable disposal practices. The final day, 23rd April, featured a workshop called "The Art of Paper Recovery," which included a guided tour of Chitkara University's recycling plant. Led by Sanjeev Kumar Bhardwaj, Associate Director, Office of Infrastructure Development the workshop illustrated the recycling process and its environmental benefits. Participants received recycled paper diaries as a token of appreciation. The event culminated in inspiring attendees by demonstrating the transformation of wastepaper into reusable material, reinforcing the importance of recycling and conservation. Overall, the celebration achieved its goal of promoting environmental responsibility and fostering a commitment to sustainability among participants

OUTCOMES:

1. Improved understanding among students on the role of paper recycling in environmental conservation.

2. Increased participation in sustainable paper management initiatives within academic and healthcare settings.

3.Strengthened commitment to incorporating sustainability in healthcare-related policies and practices.

4. Enhanced knowledge of eco-friendly alternatives for documentation and paper usage in research institutions.

Event name	Exposure Visit
Topic	"Real-Time Insights Into Net Zero Carbon Home Innovations"
Date	24/04/2025
Mode	Offline
Venue	Net Zero Carbon Project, AP 421, Emaar Mohali Hills, Sector 109 Mohali
Organizer Name	Department of Interior Design
Resource Person	Dr. Balkar Singh & Mr. Jaspreet Singh Brar
No. Participant	35
SDG no.	SDG 4: QUALITY EDUCATION, SDG 7: AFFORDABLE AND CLEAN ENERGY, SDG 9: INDUSTRY, INNOVATION AND INFRASTRUCTURE, SDG 11: SUSTAINABLE CITIES AND COMMUNITIES

Objectives

1. To familiarize students with the key principles of sustainable home design.
2. To provide hands-on exposure to low-carbon materials, passive cooling systems, solar integration, and smart home technologies.
3. To demonstrate how climate-resilient residential designs are implemented in real-world settings.
4. To engage students with professionals for practical insights into net-zero carbon home innovations.

Description

The Department of Interior Design, Chitkara School of Planning and Architecture, organized an awareness-driven exposure visit titled "Real-Time Insights into Net Zero Carbon Home Innovations" for the IVth semester students on April 24, 2025. The visit took place at the Net Zero Carbon Project, AP 421, Emaar Mohali Hills, Sector 109, Mohali—an exemplary model of climate-resilient residential design. Led by Dr. Balkar Singh, Professor of Practice at Chitkara University, and Mr. Jaspreet Singh Brar.

The core objective of this visit was to familiarize students with the key principles of sustainable home design. These included low-carbon materials, passive cooling systems, solar integration, and smart home technologies. The experience aligned directly with the IVth semester curriculum, providing students with a hands-on understanding of sustainable and energy-efficient design strategies in practice. During the visit, students closely observed how green architecture practices are implemented—from thoughtful site orientation to

resource optimization and advanced smart energy systems. The project served as a real-world demonstration of how architectural design can balance environmental responsibility with cost-effectiveness.

This exposure visit offered students a unique opportunity to experience the future of housing design, focusing on climate responsiveness, energy efficiency, and innovation. The session emphasized the growing need for net-zero, affordable housing solutions in the face of global environmental challenges. Through direct engagement with professionals and real-time observation, students gained valuable insights into the role of design in building resilient communities.

Outcomes

1. Students understood practical applications of sustainable and energy-efficient design.
2. They observed real-time use of smart energy and green building systems.
3. Students gained insights into balancing cost-effectiveness with environmental responsibility.
4. Explored the innovative approaches to future-ready residential design.
5. The visit enhanced student awareness of the need for net-zero, affordable housing solutions.

EVENT DETAILS	
EVENT TYPE	INDUSTRY VISIT
TOPIC	INDUSTRIAL VISIT - INSIGHTS FROM ULTRATECH
DATE	2025-04-26 to 2025-04-26
MODE	OFFLINE
ORGANIZER NAME	SAMEER MALHOTRA
RESOURCE PERSON	HIMANSHU SINGH , AREA MANAGER
NO. OF PARTICIPANTS	34
SDG NO	9,11,12,13

OBJECTIVE

1. Experience real-time cement manufacturing at UltraTech's industrial facility.
2. Connect classroom concepts with actual industry practices and operations.
3. Learn about safety, quality control, and sustainability measures.
4. Develop industry skills, awareness, and career-oriented thinking.

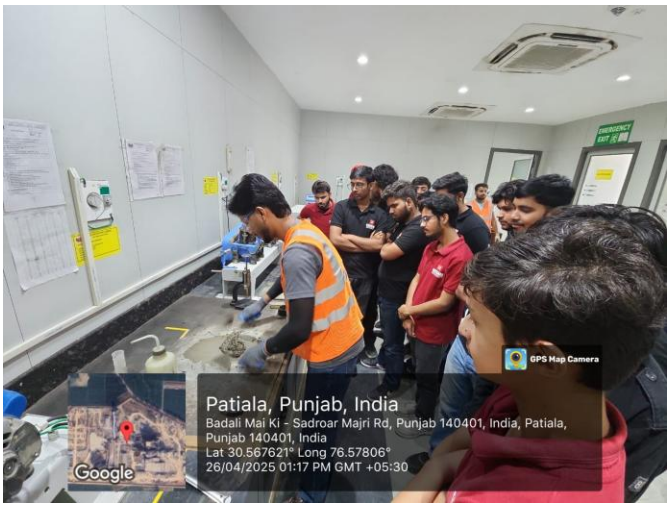
DESCRIPTION

The Department of Civil Engineering organized an industrial visit to UltraTech Plant, Rajpura, Punjab, providing undergraduate students with valuable exposure to real-world industrial practices. A total of 34 students from Batch 2024 (2nd Semester) participated, accompanied by Mr. Sameer Malhotra (Faculty Coordinator) and Mr. Pritam Pundeer (Support Staff). The visit aimed to bridge the gap between academic learning and industry expectations. Students explored cement manufacturing processes with a special focus on Ordinary Portland Cement (OPC) and Portland Pozzolana Cement (PPC). They observed various stages of production, from raw material handling to final packaging, gaining technical insights into the workings of a leading cement manufacturing plant. A significant part of the visit focused on quality control practices, automation in production, and sustainability measures adopted by UltraTech. Students learned about rigorous testing procedures, technological integration for efficiency, and environmental management practices that reflect the company's commitment to responsible production. Interaction with industry experts further enriched the experience, offering students valuable perspectives on current industrial challenges and innovations. These discussions helped them connect theoretical concepts with practical applications, encouraging a deeper understanding of industrial workflows and operational excellence. The visit fostered experiential learning, strengthened students' technical skills, and broadened their professional outlook. It emphasized the importance of technological adaptation, quality assurance, and

sustainability in modern industries, preparing students to meet the dynamic challenges of the engineering sector. Overall, the industrial visit to UltraTech Thermal Plant proved to be a successful initiative, enhancing students' practical knowledge and aligning their education with evolving industry standards.

OUTCOMES

1. Advanced practical insights into cement manufacturing and industrial operations.
2. Understanding of real-world applications of academic concepts and theories.
3. Improved awareness of industrial safety and environmental practices.
4. Developing better industry readiness and professional communication skills.



EVENT DETAILS	
EVENT TYPE	COMPETITION
TOPIC	INNOVATE'25 – TECHNICAL EXHIBITION OF IOT SYSTEMS AND VLSI DESIGNS
DATE	2025-05-02 to 2025-05-02
MODE	OFFLINE
ORGANIZER NAME	MS. GURJINDER KAUR, ASSISTANT PROFESSOR, DECE, CHITKARA UNIVERSITY, PUNJAB. DR. GARIMA CHOPRA ASSISTANT PROFESSOR, DECE, CHITKARA UNIVERSITY, PUNJAB
RESOURCE PERSON	DR. AMIT KUMAR, ASSISTANT PROFESSOR, DECE, CHITKARA UNIVERSITY, PUNJAB | DR. SANDEEP KUMAR, ASSISTANT PROFESSOR, DECE, CHITKARA UNIVERSITY, PUNJAB
NO. OF PARTICIPANTS	45
SDG NO	SDG 4: QUALITY EDUCATION, SDG 9: INDUSTRY, INNOVATION AND INFRASTRUCTURE, SDG 11: SUSTAINABLE CITIES AND COMMUNITIES

OBJECTIVE

• To provide a platform for students to showcase their creativity and technical skills in the fields of IoT and VLSI design.
• To encourage hands-on learning and project-based application of concepts taught in Electronics and Communication Engineering.
• To promote innovative thinking by addressing real-world challenges through student-developed technological solutions.
• To enhance students' understanding of IoT systems and VLSI architectures through practical implementation and demonstration.
• To foster collaboration and knowledge sharing among peers and faculty within a technical exhibition environment.

DESCRIPTION

The Department of Electronics and Communication Engineering, in collaboration with the E-BUZZ Club, successfully organized Innovate'25 – A Technical Exhibition of IoT Systems and VLSI Designs on 2nd May 2025. The event provided a dynamic platform for the ECE Batch of 2022 to showcase their creativity, technical knowledge, and problem-solving skills through hands-on projects in the domains of Internet of Things (IoT) and Very-Large-Scale Integration (VLSI). A total of 22 teams participated, with 13 teams presenting projects in the IoT domain and 9 teams in the VLSI domain. The primary goal of the exhibition was to encourage students to apply classroom knowledge to practical situations by developing innovative solutions to real-world challenges. Each project highlighted the students' grasp of fundamental engineering principles and their ability to bring ideas to life. Expert faculty members, Dr. Amit Kumar and Dr. Sandeep Kumar, evaluated the projects based on key parameters such as the relevance of the project domain, design and implementation quality, teamwork and individual contributions, as well as presentation, report quality, and demonstration skills. In the IoT category, there was a tie for the first prize between the projects "Inventech: RFID-Driven Asset Checkout & Return System" and "SKAI: Smart AI-Powered Electric Skateboard," both of which stood out for their innovation, real-world applicability, and effective execution. In the VLSI category, the project titled "SRAM-based Computing in Memory" secured the first position, demonstrating strong technical depth and practical value. The exhibition also enabled students to interact with faculty and peers, exchange ideas, and receive constructive feedback to refine their projects further. Faculty members Dr. Shivani Malhotra, Dr. Isha Gupta, and Dr. Rubina Dutta appreciated the students' efforts and encouraged them to keep innovating. The event was successfully coordinated by Ms. Gurjinder Kaur and Dr. Garima Chopra, their planning and support ensured smooth execution of all activities. Innovate'25 turned out to be an enriching and inspiring experience that reinforced the importance of practical learning, innovation, and collaboration in engineering education.

OUTCOMES

• The event helped students strengthen their practical understanding of IoT and VLSI concepts through hands-on implementation.

• It encouraged innovation and enhanced students' ability to develop solutions for real-

world problems.

• Students gained confidence in presenting their work and improved their technical communication skills.

• Team collaboration and peer learning were promoted, allowing students to benefit from shared knowledge and feedback.

Event Name	**Bridging Cultures, Expanding Horizons – Global Education in Action**
Date	12th May 2025
Venue	Google Meet
Organizer	Department of Education
Resource Person	Ms. Alka Thapa (Principal) and Ms. Kanchan (Vice Principal) of Chitkara International School, Panchkula
Number of Participants	32
SDGs Covered	4, 5, 9, 10,11,16,17
Duration	One hour

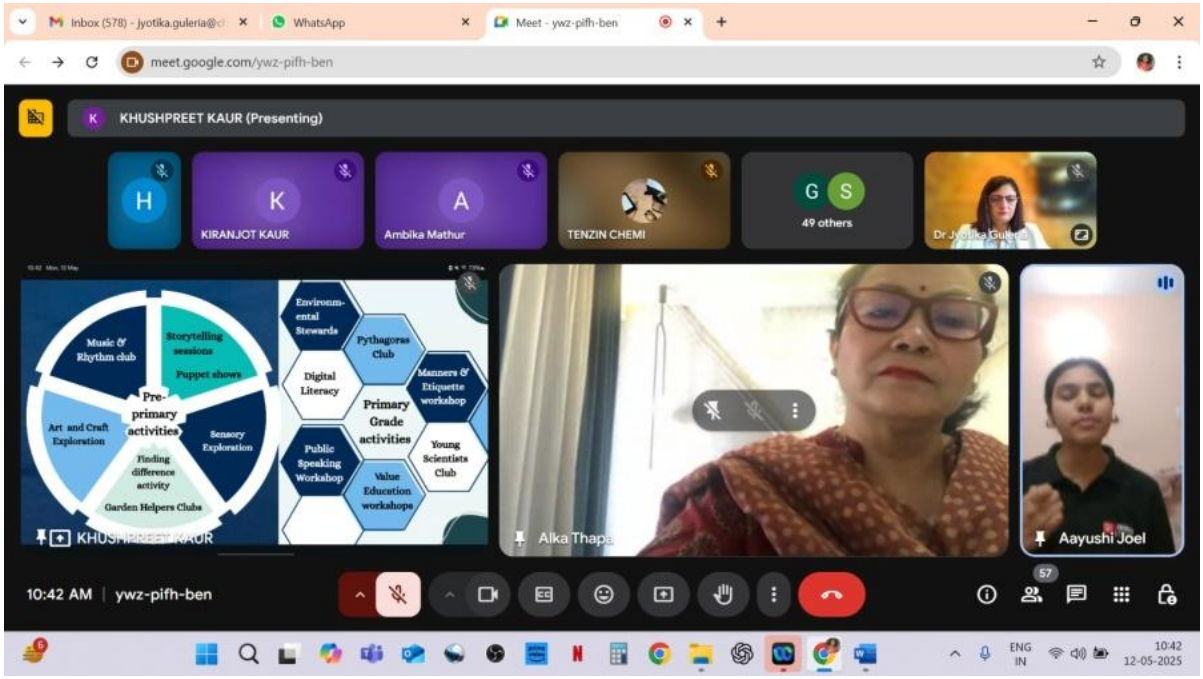
About the Activity

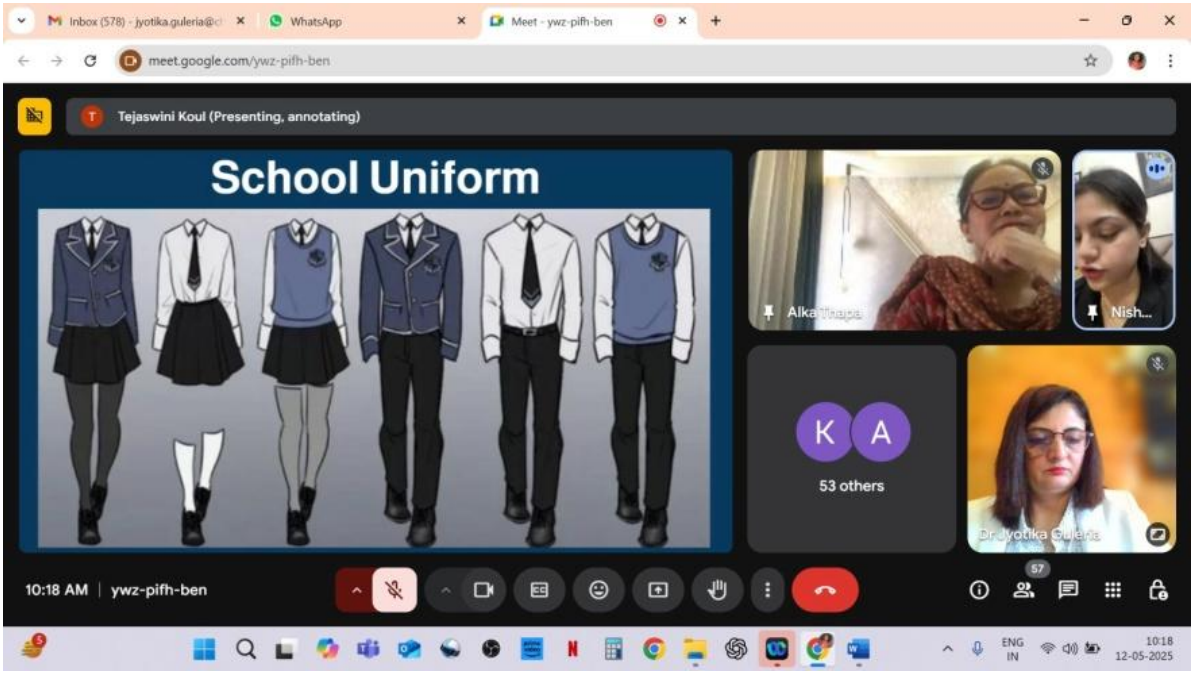
The Department of Education at Chitkara University hosted an inspiring Award Ceremony for Innovative schools on 12th May, 2025, under the title "Bridging Cultures, Expanding Horizons – Global Education in Action!" This vibrant event was the culmination of the experiential learning modules – EDManager, EDGlobal, EDExpert, and EDProfile, and showcased the collaborative vision of Alpha Teachers as they unveiled their conceptualized model schools.

Esteemed judges, Ms. Alka Thapa (Principal) and Ms. Kanchan (Vice Principal) of Chitkara International School, Panchkula, lent their expertise to evaluate the school models presented during the event.

Participants, working in dynamic groups, created visionary institutions with imaginative names such as Ananta, Sankalp, and Autumn Ridge School. These models reflected deep educational thought, integrating global best practices with Indian philosophical roots such as the ideologies of Swami Vivekananda, Rabindranath Tagore, UNESCO's Social and Moral Learning, and Philosophy for Children (P4C). The schools were evaluated primarily on key parameters including Mission, Vision & School Philosophy, Academic Framework & Global Engagement and Learning Environment & Student Well-being. Additional elements such as faculty development initiatives, community partnerships, technology integration, co-curricular innovation, and branding elements like logos and mottos further enriched the

proposals and demonstrated forward-thinking educational design. Dr. Sangeeta Pant, Dean of the Department of Education, described the event as a remarkable fusion of creativity and collaboration—underscoring the transformative power of teacher education when rooted in foundational philosophies and enriched by global perspectives.





EVENT DETAILS	
EVENT TYPE	COMPETITION
TOPIC	PROTOTYPE SHOWCASE 2025
DATE	2025-05-20 to 2025-05-20
MODE	OFFLINE
ORGANIZER NAME	MS. GURJINDER KAUR, ASSISTANT PROFESSOR, DECE, CHITKARA UNIVERSITY, PUNJAB. DR. AMIT KUMAR, ASSISTANT PROFESSOR, DECE, CHITKARA UNIVERSITY, PUNJAB.
RESOURCE PERSON	MR. AATIF JAMAL, SENIOR, IIT ROPAR TIF (AWADH)
NO. OF PARTICIPANTS	81
SDG NO	SDG 4: QUALITY EDUCATION, SDG 9: INDUSTRY, INNOVATION AND INFRASTRUCTURE, SDG 11: SUSTAINABLE CITIES AND COMMUNITIES

OBJECTIVE

• To encourage first-year ECE students to develop original and practical solutions through innovative thinking and design.
• To provide students with a platform to apply their theoretical knowledge in real-world prototyping and hands-on engineering practices.
• To assess the students' ability to translate theoretical concepts into practical prototypes by evaluating the functionality, design quality, and technical accuracy of their projects.
• To help students enhance their communication and presentation skills by demonstrating their projects to faculty, peers, and external evaluators.
• To offer students constructive feedback and mentorship from academic experts, guiding them towards continuous improvement and future innovation.

DESCRIPTION

The Department of Electronics and Communication Engineering, in collaboration with the AWaDH Lab (EDC, Chitkara University), successfully organized Prototype Showcase 2025 on 20th May 2025 at Chitkara University, Punjab. This dynamic event served as a platform to celebrate innovation, creativity, and technical excellence among budding engineers. A total of 24 teams from the first-year ECE Batch of 2024 enthusiastically participated, translating their creative ideas into tangible and functional prototypes. These student-led projects reflected hands-on engineering skills, critical thinking, and problem-solving abilities, all nurtured through the academic curriculum. The event not only encouraged technical application but also promoted teamwork and confidence among the participants. The prototypes were evaluated by Mr. Aatif Jamal, Senior Manager at AWaDH Lab, IIT Ropar – TIF (AWaDH), who assessed the projects based on their innovation, technical execution, and practical relevance. His insightful observations and in-depth analysis provided valuable input to each team. The event was further graced by the presence of Dr. Shivani Malhotra, Dean of the department, along with Dr. Isha Gupta, Academic Head, and Dr. Rubina Dutta, who interacted with the students and offered encouraging feedback. They appreciated the students' efforts and motivated them to pursue their ideas with greater ambition in the future. Their presence and mentorship added academic depth to the event. The smooth and efficient coordination of the event was made possible by Ms. Gurjinder Kaur and Dr. Amit Kumar, who meticulously planned and managed the proceedings, ensuring a seamless experience for all involved. The event concluded with a prize distribution ceremony to recognize outstanding performances. The First Prize was awarded to the team behind the project Load Carrying Vehicle, comprising Hriday Kaushal, Kavya Batheja, Keertimaan Singh, and Krrish Popli. The Second Prize went to Hologram Orbiter, developed by Tosham Jangra, Utsav Rana, Vaibhav Dhawan, and Yuvraj Sharma. The Third Prize was a tie between two innovative projects: Papermate with STM32, presented by Airish Dhir, Aryan Chauhan, and Gourav Mittal; and Gesture-Controlled Drone, developed by Angad Veer Singh, Anmol Jindal, Bhavdeep Singh, and Gurkamal Singh. Each of these projects demonstrated unique problem-solving approaches and showcased the students' ability to combine creativity with technical knowledge. The event successfully reflected the department's commitment to experiential learning, innovation, and academic excellence, inspiring students to continue exploring and pushing the boundaries of engineering through practical implementation.

OUTCOMES

• Students successfully transformed their creative ideas into functional prototypes, applying core engineering principles.

• The event boosted students' confidence in presenting and articulating their projects

effectively to faculty and peers.

• Participants received valuable academic feedback, helping them recognize strengths and areas for improvement in their designs.

• Students enhanced their teamwork, time management, and problem-solving skills through collaborative project development.

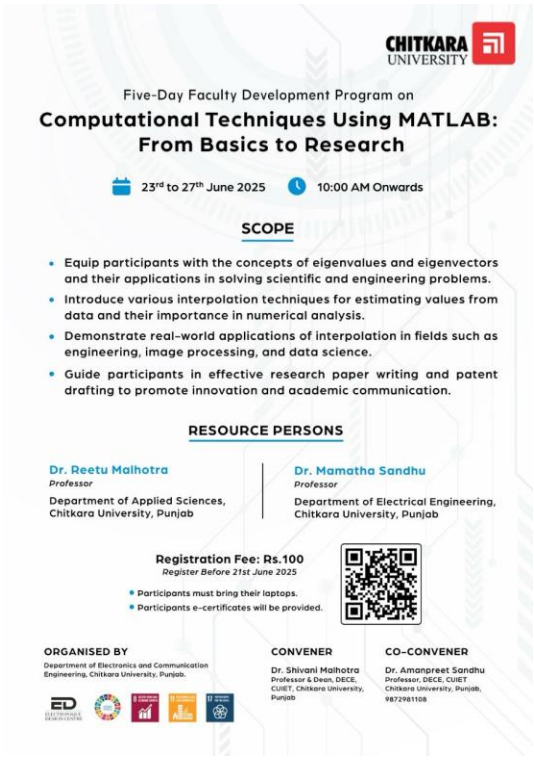
• The showcase cultivated a spirit of innovation and experiential learning among first-year students, encouraging continued technical exploration.

EVENT DETAILS	
EVENT TYPE	FACULTY DEVELOPMENT PROGRAM
TOPIC	EMPOWERING EDUCATION THROUGH AUGMENTED REALITY: A HANDS-ON FDP ON AR APPLICATION DEVELOPMENT
DATE	2025-05-26 to 2025-05-30
MODE	OFFLINE
VENUE	FARADAY HALL EDISON BLOCK SECOND FLOOR, CHITKARA UNIVERSITY, PUNJAB (CHITKARA UNIVERSITY, PUNJAB)
ORGANIZER NAME	DR. POONAM GUPTA, DR. AMANPREET SANDHU
RESOURCE PERSON	DR. AMANPREET KAUR, ASSISTANT PROFESSOR | DR. BHANU SHARMA, ASSISTANT PROFESSOR | DR. DEEPTIPRIT KAUR, PROFESSOR
NO. OF PARTICIPANTS	16
SDG NO	SDG 8: DECENT WORK AND ECONOMIC GROWTH, SDG 11: SUSTAINABLE CITIES AND COMMUNITIES, SDG 17: PARTNERSHIP FOR THE GOALS

OBJECTIVE

• To develop proficiency in creating interactive Augmented Reality (AR) applications using industry-standard tools such as Unity, AR Foundation, and Vuforia through hands-on practice.
• To understand the foundational concepts and development processes of Virtual Reality (VR), including virtual environment setup and basic navigation techniques.
• To integrate immersive technologies like AR and VR into their teaching methodologies, enhancing student engagement and learning outcomes.
• Design project-based learning modules that leverage AR/VR for interdisciplinary and experiential education.
• To incorporate AR/VR tools into academic research and curriculum development, fostering innovation and future-ready education.

DESCRIPTION



The Department of Electronics & Communication Engineering, Chitkara University, Punjab, successfully organized a five-day Faculty Development Program (FDP) titled "Empowering Education Through Augmented Reality: A Hands-on FDP on AR Application Development" from 26th to 30th May 2025. The program was designed with the objective of equipping faculty members with practical skills and conceptual knowledge in the domain of immersive technologies, specifically focusing on Augmented Reality (AR) and introducing the foundational aspects of Virtual Reality (VR). The FDP provided participants with a structured and hands-on learning journey through AR application development using cutting-edge tools such as Unity, AR Foundation, and Vuforia. The sessions were carefully curated to offer a balance between theoretical understanding and practical exposure, ensuring that participants could confidently design and implement interactive AR experiences relevant to their teaching domains. Throughout the FDP, participants engaged in live demonstrations, guided software installations, real-time coding practices, and collaborative project work. The program was led by an experienced team of resource persons including Dr. Amanpreet Kaur, Dr. Bhanu Sharma, and Dr. Deeptiprit Kaur, who brought both academic insight and industry-relevant expertise to the sessions. Under the guidance of Dr. Shivani Malhotra, Dean of the department, and with the organizational support of Co-Conveners Dr. Amanpreet Kaur and Dr. Poonam Gupta, the FDP witnessed active participation and enthusiastic feedback from faculty across multiple disciplines. Overall, this Faculty Development Program served as a valuable platform for educators to step into the future of learning. The event successfully empowered participants to become pioneers of immersive education in their respective institutions.

OUTCOMES

• Participants gained hands-on experience in developing basic Augmented Reality (AR) applications using Unity, AR Foundation, and Vuforia.
• Participants acquired foundational knowledge of Virtual Reality (VR), including the setup of virtual environments and understanding their potential use in education and research.
• Participants demonstrated the ability to conceptualize and develop mini AR-based projects aligned with academic content.
• Participants enhanced their capability to integrate immersive technologies into curriculum

design and classroom instruction, promoting student engagement and innovative teaching practices.

• Participants established a collaborative network of educators interested in AR/VR technologies, fostering future interdisciplinary projects, knowledge sharing, and research collaborations.

Event Details	
Event Name	SNA Activity
Topic	Photography Competition on World Environment Day
Date	5th June, 2025
Mode	Offline
Venue	Ground Floor, Galileo Block, Chitkara University, Punjab
Organizer Name	Ms. Eenu, Associate Professor & Ms. Preetika, Nursing Tutor
No. of Participants	18
SDG No.	11: Sustainable Cities and communities, 13: Climate Action, 15: Life on Land

Objectives

1. To encourage participants to observe and capture nature and environmental issues.
2. To spread awareness about protecting the environment through photography.
3. To inspire students and others to think about their role in saving the environment.
4. To involve the college and local community in World Environment Day activities.
5. To give a creative platform for expressing ideas about nature and sustainability.

Description

The Department of Nursing organized a Photography Competition on the occasion of World Environment Day, celebrated annually on 5th June. The event, held on 5th June 2025, embraced the global theme **"Ending Global Plastic Pollution"**, aiming to raise awareness about one of the most pressing environmental challenges of our time. The initiative provided a unique opportunity for students to blend creativity with advocacy, capturing powerful visuals that reflected both the beauty of the environment and the damaging effects of plastic pollution.

The competition was designed not only to showcase the technical and artistic photography skills of the participants but also to encourage them to observe and interpret the environment through their own perspectives. Each photograph submitted portrayed a meaningful story—some highlighted the natural world's vulnerability to plastic waste, while others emphasized sustainable practices and the need for urgent action.

The panel of judges for the event included **Ms. Timsy, Associate Professor**, and **Ms. Jigyasha, Assistant Professor**, both esteemed faculty members of the department. With

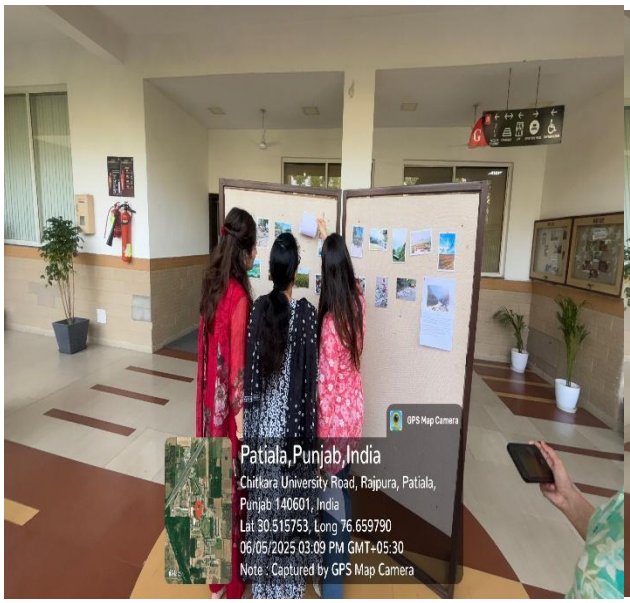
their academic background and sharp aesthetic sensibility, the judges evaluated the photographs

based on creativity, relevance to the theme, originality, and visual impact. Their insights and fair judgment ensured a thoughtful and inspiring selection of winners.

The Photography Competition succeeded in drawing enthusiastic participation from students and evoked a strong message on environmental conservation. It also served as a reminder of the critical need to reduce plastic usage and protect our planet for future generations. Overall, the event was a blend of education, creativity, and environmental activism, leaving a lasting impression on everyone involved.

Outcomes

1. Participants became more aware of environmental problems.
2. The photos displayed different aspects of nature and environmental issues.
3. More students showed interest in eco-friendly habits and practices.
4. Viewers learned about environmental issues through the photos.
5. The event increased community involvement in environmental efforts.


GPS Map Camera
Patiala,Punjab,India
Chitkara University Road, Rajpura, Patiala,
Punjab 140601, India
Lat 30.515753, Long 76.659790
06/05/2025 03:09 PM GMT+05:30
Note : Captured by GPS Map Camera


GPS Map Camera
Patiala,Punjab,India
Chitkara University Road, Rajpura, Patiala,
Punjab 140601, India
Lat 30.515879, Long 76.660117
06/05/2025 03:09 PM GMT+05:30
Note : Captured by GPS Map Camera


CHITKARA UNIVERSITY
GPS Map Camera
Patiala,Punjab,India
Chitkara University Road, Rajpura, Patiala,
Punjab 140601, India
Lat 30.515700, Long 76.659351
06/05/2025 03:22 PM GMT+05:30
Note : Captured by GPS Map Camera


GPS Map Camera
Patiala,Punjab,India
Chitkara University Road, Rajpura, Patiala,
Punjab 140601, India
Lat 30.515728, Long 76.659303
06/05/2025 03:13 PM GMT+05:30
Note : Captured by GPS Map Camera

Event Name	NSS Activity
Topic	Rally on World Environment Day
Date	6th June, 2025
Venue	CHC, Kalomajra
Organizer	Ms. Lakshita, Ms. Preetika, Nursing Tutor, Department of Nursing, CSHS
No. of Participants	29
No of Impacted Individuals	-
Under SDG no.	3, 11, 13
SDG Details	Good health and wellbeing, Sustainable Cities and communities, Climate Action

Objective

1. To raise awareness about environmental issues and the importance of sustainable living
2. To Encourage community participation in eco-friendly initiatives
3. To Promote the reduction of plastic use and waste management practices
4. To Educate participants on climate change and its impacts
5. To Inspire action towards conservation of natural resources
6. To Highlight the role of individuals in protecting the environment

Description

On 6th June 2025, the rally on World Environment Day was conducted at CHC Kalomajra by the students of B.Sc. Nursing 2nd semester, Department of Nursing, Chitkara School of Health Sciences, Chitkara University, Punjab. Participants included students, local residents, volunteers, and members of various community organizations. The rally began with an opening speech emphasizing the importance of environmental protection and this year's global theme. Carrying banners and placards with slogans promoting clean energy, waste reduction, tree plantation, and the importance of biodiversity, the participants marched through the main streets of the community. Throughout the rally, short skits, chants, and interactive sessions were held to engage the public and spread key messages.

The event concluded with a pledge to adopt eco-friendly habits and contribute actively to building a cleaner and greener neighbourhood. The rally not only created awareness but also strengthened community bonds and collective commitment toward environmental conservation. The World Environment Day rally in the community area was a vibrant and impactful event that brought people of all ages together for a common cause — protecting our planet. Organized by local authorities in collaboration with schools, environmental clubs, and NGOs, the rally aimed to educate and inspire action among residents. The event

began early in the morning with participants gathering at the community centre. Everyone received eco-friendly items such as paper caps, cloth bags, and seed packets to reinforce the message of sustainability. The rally route was planned to cover major streets, markets, and residential areas to ensure maximum visibility and public engagement. As the march progressed, participants chanted slogans like “Save Earth, Save Life,” “Go Green, Breathe Clean,” and “Plant Trees, Save Future.” Children held colorful posters and banners they had prepared in school, while volunteers distributed pamphlets with tips on reducing carbon footprints, recycling, and conserving water and energy. In several spots along the route, brief stops were made for activities such as street plays, poetry recitations, and awareness talks led by environmental activists and students. These interactive moments helped convey the importance of individual responsibility in tackling issues like pollution, deforestation, and climate change. The rally concluded at the local park, where a short closing ceremony was held. Trees were planted by participants as a symbolic gesture, and a few speakers shared personal stories about their environmental efforts. Refreshments were served in reusable containers to minimize waste.

Overall, the rally created a strong sense of environmental consciousness among community members and encouraged everyone to adopt greener habits in their daily lives. It served as a reminder that meaningful change begins with small, collective steps.

Outcomes

1. Community members became more aware of environmental issues and their impact on daily life
2. Many participants pledged to adopt eco-friendly habits, such as reducing plastic use and saving water
3. Trees were planted in public areas, enhancing the green cover and beautifying the surroundings

4. Educational materials were distributed, helping people understand practical ways to protect the environment
5. The event inspired students and youth to take a more active role in environmental conservation
6. Stronger partnerships were formed between schools, NGOs, and local authorities for future green projects
7. The rally encouraged discussions within households about sustainable living and environmental responsibility

EVENT DETAILS	
EVENT TYPE	FACULTY DEVELOPMENT PROGRAM
TOPIC	COMPUTATIONAL TECHNIQUES USING MATLAB: FROM BASICS TO RESEARCH
DATE	2025-06-23 to 2025-06-27
MODE	HYBRID
ORGANIZER NAME	DR AMANPREET SANDHU, PROFESSOR, ECE CHITKARA UNIVERSITY, PUNJAB AMANPREET.SANDHU@CHITKARA.EDU.IN
NO. OF PARTICIPANTS	27
SDG NO	SDG 8: DECENT WORK AND ECONOMIC GROWTH, SDG 11: SUSTAINABLE CITIES AND COMMUNITIES, SDG 17: PARTNERSHIP FOR THE GOALS

OBJECTIVE

• To enable participants to proficiently navigate the MATLAB environment and write basic scripts and functions with input/output and visualization capabilities.
• To empower faculty to perform and validate matrix operations, including calculation of eigenvalues and eigenvectors, using MATLAB tools.
• To develop skills in implementing various interpolation methods (linear, spline, polynomial) and conducting error analysis and curve fitting in MATLAB.
• To equip participants to apply interpolation techniques to real world engineering datasets—such as in power systems and signal processing—through hands on case studies.
• To guide faculty on structuring research papers and drafting patent documents based on MATLAB results, while identifying innovative contributions and engaging in discussion.

DESCRIPTION

The Five-Day Faculty Development Programme (FDP) on MATLAB is meticulously designed to build a solid foundation in MATLAB programming, advance technical competence, and foster research and innovation capabilities. From basic syntax to interpolation techniques and academic writing, the intensive training ensures meaningful upskilling for faculty. Day 1: Introduction to MATLAB – Basics of Coding, the programme kicks off with an in-depth orientation to the MATLAB environment: the

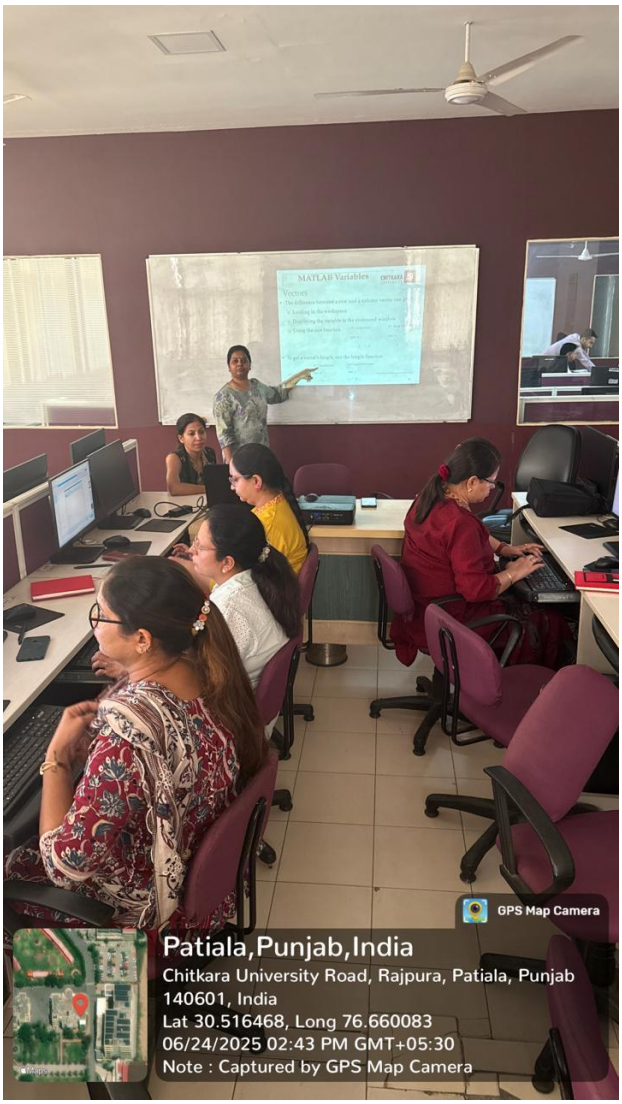
interface, toolboxes, and workspace. Participants explore basic syntax, variable definitions (scalars, vectors, arrays), and arithmetic/logical operations. The session covers creating, organizing, and running script files (.m) and function files (user-defined functions), as well as standard input/output commands (input, disp, fprintf). Finally, attendees are introduced to plotting and visualization, including generating graphs, customizing axes, legends, and using basic 2D/3D plots. Day 2: Testing MATLAB Code – Eigenvalues and Eigenvectors this session builds on linear algebra essentials. Participants work through matrix operations—addition, multiplication, inverse, determinant—and progress to calculating eigenvalues and eigenvectors. The focus is on using MATLAB's built-in commands (eig, svd) for reliable computation of these properties. Emphasis is placed on verification and validation: checking results for accuracy, consistency, and interpretation, with practical demonstrations and code walk-throughs to reinforce learning. Day 3: MATLAB Implementation – Interpolation Techniques an exploration of interpolation methods such as linear, spline, and polynomial interpolation. Participants will code these from scratch and also compare with MATLAB's built-in functions (interp1, spline, polyfit). Through practical examples—such as estimating missing data points or smoothing noisy signals—they analyze and code interpolation algorithms. The session also discusses error analysis, curve fitting principles, and techniques to assess and minimize approximation errors. Day 4: Applications of Interpolation demonstrate real-world use cases involving interpolation in fields like power systems (load forecasting, voltage curve estimation), and signal processing (resampling, smoothing). Participants work on case studies with real-world datasets, applying interpolation techniques hands-on. This experiential session deepens comprehension—emphasizing the link between code, analysis, and domain-specific interpretation. Day 5: Research Paper Writing / Patent Drafting Session Participants learn effective research paper structure and writing styles, particularly emphasizing how to present MATLAB-based findings through tables, figures, plots, and algorithm evaluations. The session also covers identifying innovative contributions for potential patenting, tips for patent documentation and drafting, and intellectual property basics.

OUTCOMES

By the end of this FDP, participants were able to:

- Write and execute MATLAB scripts and functions confidently, using best practices for variables, I/O, and debugging.
- Apply linear algebra methods in MATLAB, including computation of eigenvalues and eigenvectors, and validate their outputs.
- Design and implement interpolation algorithms (linear, spline, polynomial), with rigorous error analysis and curve fitting.

• Apply interpolation techniques to real-world datasets, particularly in engineering and signal processing contexts.
• Structure and compose research manuscripts or patent drafts based on MATLAB results, identifying innovative contributions and learning the procedural basics of patent filing.



Event Details	
Title of the Event:	Workshop on Converting Innovative Ideas into Product/Start-Up
Date of the Event:	31, July,2024
Venue	Carnegie Hall, Rockefeller Block
SDG no	4,9,11
No. of Student Attended	
Resource Persons:	Mr. Kunal Nandwani, Founder & CEO, Utrade Solutions Pvt. Ltd., Mohali
Department	DICE
Organized By	Design Thinking Club in collaboration with Department of computer science and Engineering. Chitkara University
Duration	1 day

The Department of Computer Science and Engineering organized an expert session on the topic "Converting Innovative Ideas into Product/Start-Up." The expert session was taken by Dr. Rajneesh Talwar, Professor and Dean, DICE department. The session focused on bridging the gap between conceptual innovative ideas and their practical implementation as successful products or start-ups. Dr. Talwar began the session by emphasizing the importance of innovation in today's fast paced technological landscape. Dr. Talwar discussed various technologies like AR/VR, IoT, Machine Learning, Drones, Humaniods. He explained the journey from an idea to a market ready product involves various stages, including ideation, feasibility analysis, prototype development and commercialization. Dr. Talwar also engaged the students in an interactive session, encouraging them to share their innovative ideas. He assured students that DICE at Chitkara University is always ready to support budding entrepreneurs in transforming their innovative ideas into Prototype and product. The workshop covered Sustainable Development Goals (SDGs), including SDG 4 (Quality Education), SDG 9 (Industry, Innovation, and Infrastructure), and SDG 11 (Sustainable Cities and Communities).


CHITKARA UNIVERSITY
WELCOME TO
DICE
DEPARTMENT OF INTERDISCIPLINARY COURSES IN ENGINEERING
Is there to help you

Event Details	
Title of the Event:	Idea Lab: From Concept to Company
Date of the Event:	06, August, 2024
Venue	DICE lab
SDG no	4,9,11
No. of Student Attended	35
Resource Persons:	Prof. (Dr) Rajneesh Talwar, Dean-DICE, Chitkara University, Punjab
Department	DICE
Organized By	Prof. (Dr.) Rajneesh Talwar
Duration	1 day

Description

The event titled "Idea Lab: From Concept to Company" was organized on August 6, 2024 from 10.00 AM onwards by the department of Computer Science and Engineering at BIT 'N' BYTES, which was a significant session led by Prof. (Dr) Rajneesh Talwar, Dean-DICE. It aimed to guide students through the journey of transforming theoretical concepts into business entities. Dr Rajneesh emphasized the practical applications of website and app development in business creation. The event covered Python programming's role in technology and discussed transitioning theoretical learning to real-world applications. Key aspects included the conversion of concepts into prototypes, the importance of innovation, and the exploration of robotics and drone technology and its applications. Additional discussions highlighted pathways to patent, publishing research, securing funding and distinction between entrepreneurship and startups. The session also featured a quiz competition and provided insights into government schemes and the role of incubators in supporting new ventures. Overall, the event was an enriching experience that offered both motivation and essential tools for students aspiring to enter the entrepreneurial landscape. The comprehensive coverage of "Idea Lab: From Concept to company" by Dr Rajneesh Talwar provided valuable insights into the entrepreneurial journey from conceptualizing an idea to forming a company. The session not only motivated students to innovate but also equipped them with the knowledge to effectively navigate the startup ecosystem. The workshop covered Sustainable Development Goals (SDGs), including SDG 4 (Quality Education), SDG 9 (Industry, Innovation, and Infrastructure), and SDG 11 (Sustainable Cities and Communities).

OBJECTIVE

1. Help students understand how to turn theoretical concepts into practical business entities, with a focus on app development, Python programming, and innovation.
2.Provide insights into cutting-edge technologies like robotics, drone applications, and their potential in business creation.

3.Equip students with knowledge about patenting, research publishing, funding, and the differences between entrepreneur
4.Align the entrepreneurial journey with SDGs, particularly in education and innovation.


GPS Map Camera
Patiala, Punjab, India
Chitkara University, Rajpura, Punjab
Lat 30.515728°
Long 76.66139°
06/08/24 10:42 AM GMT +05:30
Google


ARMAAN


GPS Map Camera
Patiala, Punjab, India
Chitkara University, Rajpura, Punjab
Lat 30.515728°
Long 76.66139°
06/08/24 11:48 AM GMT +05:30
Google

Event Details	
Title of the Event:	Industrial 5G
Date of the Event:	23, August ,2024
Venue	Online
SDG no	4,9,11
No. of Student Attended	98
Resource Persons:	Dr. Prabhat Thakur, Assistant Professor (SG) in the Department of Electronics and Telecommunication Engineering at Symbiosis Institute of Technology, Symbiosis International (Deemed University), Pune
Department	DICE
Organized By	Prof. (Dr.) Rajneesh Talwar
Duration	2 Hours

Description

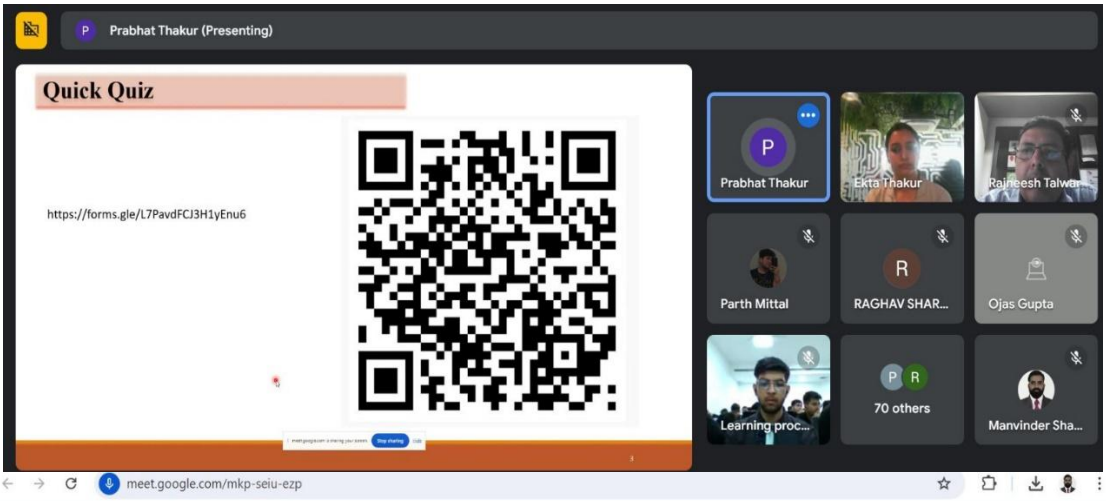
Department of Interdisciplinary Courses in Engineering (DICE) organized an online session on "Industrial 5G" on 23/08/2024. Dr. Rajneesh Talwar, Professor and Dean, DICE opened the session by welcoming the guest speaker and setting the stage for an insightful discussion on the evolution and future of mobile communication technologies. The session was taken by Dr. Prabhat Thakur, Professor, Department of Electronics and Telecommunication Engineering, Symbiosis University, Pune. The session was structured to provide an in-depth understanding of the current state of 5G technology, its future trajectory towards 6G, and the implications for various industries. Dr. Thakur began the session by tracing the historical development of mobile communication from its inception. He highlighted the progression from 1G to 5G. Dr. Thakur provided a forward-looking perspective on 6G technology. Dr. Thakur explained the architectural frameworks of both 5G and the forthcoming 6G technologies. A variety of real-world use cases for 5G technology were explained like Smart Cities, Healthcare, Automotive and Industry 4.0. The expanding landscape of IoT devices and their integration with wireless technologies was also explained. Dr. Rajneesh Talwar thanked Dr. Thakur for his engaging presentation and valuable contributions. Dr. Thakur's detailed examination of these topics not only enhanced attendees' understanding but also underscored the future possibilities of wireless communication technologies.

OBJECTIVE

To provide a comprehensive understanding of the evolution of mobile communication technologies from 1G to 5G.

2. To explore the architectural frameworks of 5G and the future trajectory towards 6G

technology.
3. To analyze the real-world applications of 5G in various industries such as Smart Cities Healthcare, Automotive, and Industry 4.0.
4. To understand the role of IoT devices in enhancing the functionality of 5G and future wireless communication systems.



Expert talk session on Industrial 5G. (23.08.2024)

Event Details	
Title of the Event:	Hands on Arduino and its Application
Date of the Event:	02, September ,2024
Venue	Offline
SDG no	4,9,11and 17
No. of Student Attended	59
Resource Persons:	1. Prof. (Dr.) Rajneesh Talwar Dean, DICE 2. Dr. Manvinder Sharma Associate Professor, DICE
Department	DICE
Organized By	Prof. (Dr.) Rajneesh Talwar
Duration	1 day

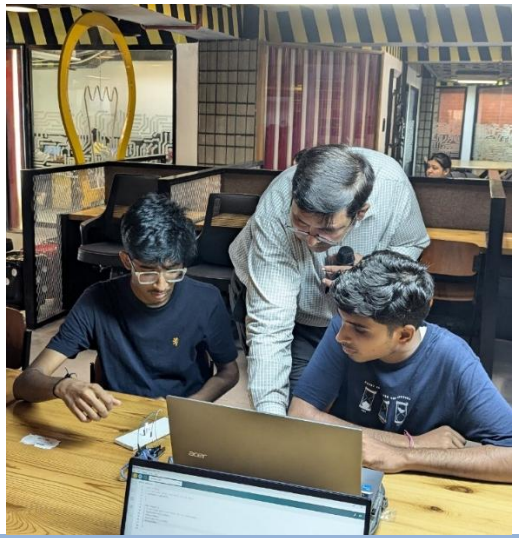
Description

The Department of Computer Science and Engineering (DICE) conducted a hands-on workshop on Arduino and its applications, specifically tailored for first-year students. Dr. Rajneesh Talwar, Dean DICE, led the first half of the session, where he explained the fundamentals of Arduino and guided participants through practical exercises. This hands-on experience allowed students to explore the potential of Arduino in various projects, such as home automation and robotics. In the second half of the workshop, Dr. Manvinder took over and introduced students to Tinkercad, a powerful online tool for designing and simulating Arduino circuits. This session provided comprehensive learning experience, equipping students with both theoretical knowledge and practical skills in electronics and embedded systems. The workshop covered Sustainable Development Goals (SDGs), including SDG 4 (Quality Education), SDG 9 (Industry, Innovation, and Infrastructure), and SDG 11 (Sustainable Cities and Communities).

OBJECTIVE

1. Introduce Arduino basics and applications to first-year students.
2. Provide hands-on experience in building Arduino projects.
3. Teach students to use Tinkercad for circuit design and simulation.
4. Promote understanding of electronics, embedded systems, and SDGs.


CHITKARA UNIVERSITY
DICE
DEPARTMENT OF INTERDISCIPLINARY COURSES IN ENGINEERING
Hands on
Arduino and its Applications
Resource persons
Prof. (Dr.) Rajneesh Talwar
Dean, DICE
Dr. Manvinder Sharma
Associate Professor, DICE
Date 2nd September, 2024
Time 12:00 PM onwards
Venue DICE Lab
Scan to Register
Organised by:
Department of Interdisciplinary Courses in Engineering




BRAZIL
CARNIVAL

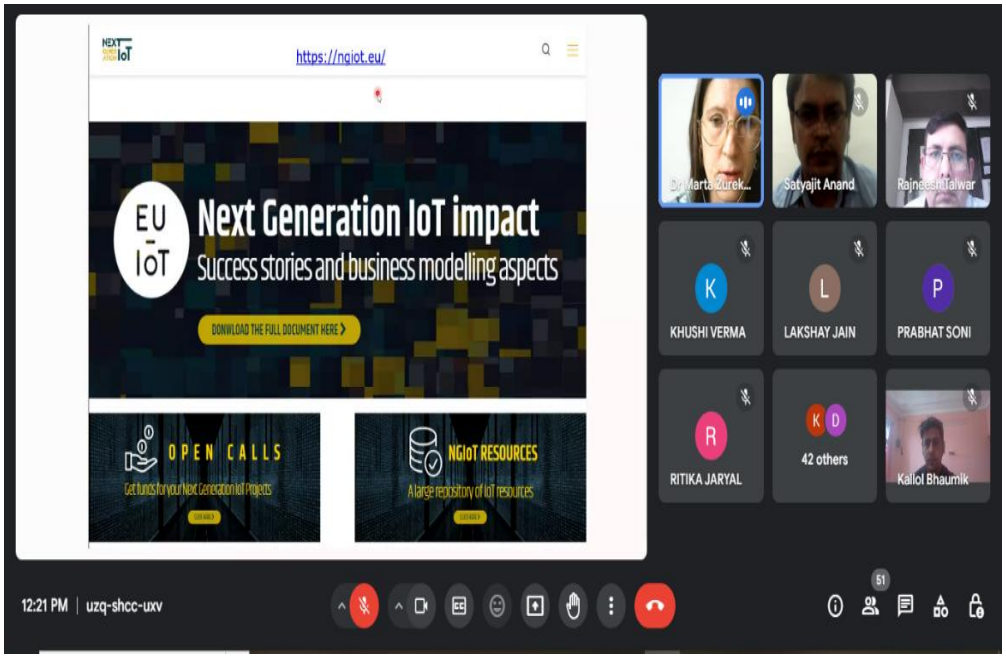
Event Details	
Title of the Event:	Expert Talk on IoT and Its Applications in Sustainability
Date of the Event:	06, September, 2024
Venue	Online
SDG no	4,9,11 and 17
No. of Student Attended	68
Resource Persons:	Dr. Marta Zurek-Mortka Lukasiewicz Research Network - Institute for Sustainable Technologies, Department of Control Systems, Radom, Poland.
Department	DICE
Organized By	Prof. (Dr.) Rajneesh Talwar
Duration	2 Hours

The Department of Interdisciplinary Courses in Engineering (DICE) at Chitkara University successfully hosted an online expert talk on the 6th of September 2024, titled "IoT and Its Applications in Sustainability.". Dr. Marta Zurek-Mortka resource person from the Łukasiewicz Research Network, Institute for Sustainable Technologies, Poland, delivered a highly informative session, exploring the pivotal role of the Internet of Things (IoT) in fostering sustainability across various sectors, including smart cities, environmental conservation, and energy management. She highlighted practical examples of IoT applications that contribute to more efficient resource usage, reduced environmental impact, and enhanced systems monitoring. The session engaged a diverse audience of students and faculty members, who gained valuable insights into how IoT can address global sustainability challenges.

Dr. Marta Zurek-Mortka also emphasized the importance of interdisciplinary research in advancing sustainable IoT solutions, aligning with global development goals. Participants actively interacted during the Q&A session, asking thought-provoking questions and receiving detailed answers from the speaker. The event concluded with a vote of thanks by Dr. Rajneesh Talwar, Dean, DICE Department, acknowledging Dr. Zurek-Mortka's expertise and the participants' enthusiasm. The workshop covered Sustainable Development Goals (SDGs), including SDG 4 (Quality Education), SDG 9 (Industry, Innovation, and Infrastructure), and SDG 11 (Sustainable Cities and Communities).

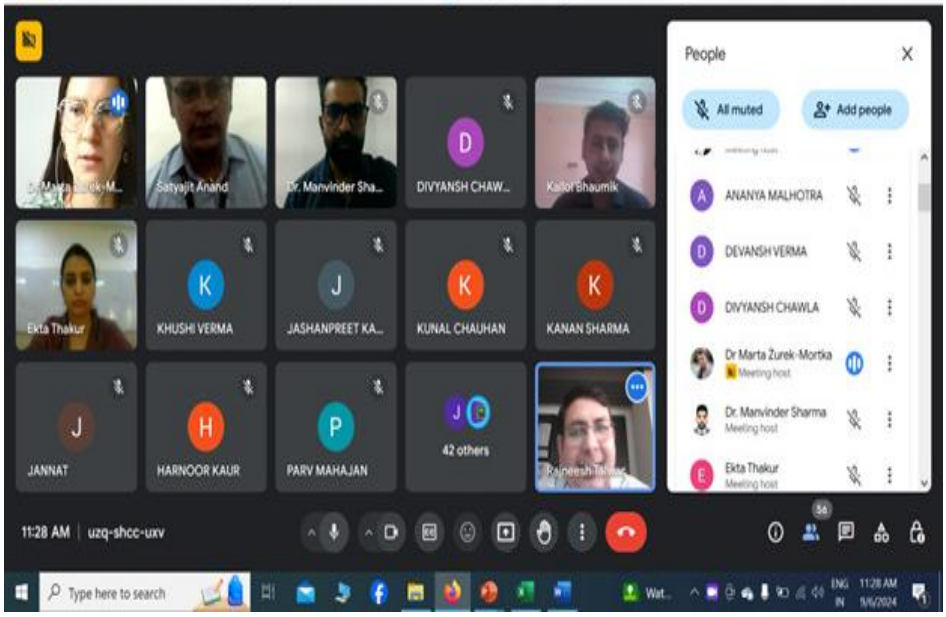
OBJECTIVE

1. Explore IoT's role in sustainability.
2. Showcase IoT applications in smart cities, conservation, and energy management.
3. Emphasize the need for interdisciplinary research in sustainable IoT.
4. Engage participants on how IoT addresses global sustainability goals



Dr. Rajneesh Talwar, Dean-DICE, starting the session with students (06.09.2024)

Dr. Marta Zurek-Mortka , resource person explaining electric vehicles (06.09.2024)



Vote of thanks given by Dr. Rajneesh Talwar, Dean-DICE (06.09.2024)

Event Details	
Title of the Event:	CUIET-Tech show 2024
Date of the Event:	13, September, 2024
Venue	Tesla Block
SDG no	4,7,8,9 and 11
Department	DICE
No. of Student Attended	84
Resource Persons:	Dr. Rajneesh Talwar, Professor
Duration	1 Day

Department of Interdisciplinary Courses in Engineering (DICE) organized "CUIET-Techshow 2024". The event was inaugurated by Ms. Jatinder Kaur, Ex-Director, Department of Science and Technology, Punjab alongside Dr. Rajneesh Talwar, Professor and Dean DICE. The competition showcased the most innovative projects from various engineering departments, including CSE, Applied Engineering, CURIN, NEWGEN IEDC and DICE. Projects were classified into hardware and software categories, highlighting the interdisciplinary strength and versatility of the students. Both categories exhibited cutting edge ideas ranging from artificial intelligence applications, robotics, IoT systems, to renewable energy and automation. The projects were meticulously evaluated by a panel of Ms. Jatinder Kaur- Ex Director DST Punjab, Mr. Jagjit Singh, MD and CEO of JW Infotech Pvt. Ltd. and Mr. Rohit Khosla Director of Core Systems, Chandigarh. To recognize the students' hard work and innovation, prizes were awarded to the top three projects in Hardware and software, as well as the Best Project Award in each department. This event not only promoted interdisciplinary learning and innovation but also aligned with the university's goals of contributing to NAAC accreditation and Sustainable Development Goals (SDGs) This event is an important step towards promoting a culture of interdisciplinary learning and innovation at Chitkara University

inspiring students to contribute to global goals while excelling in their respective engineering domains. The event covered SDG 4, SDG 7, SDG 8, SDG 9 and SDG 11.

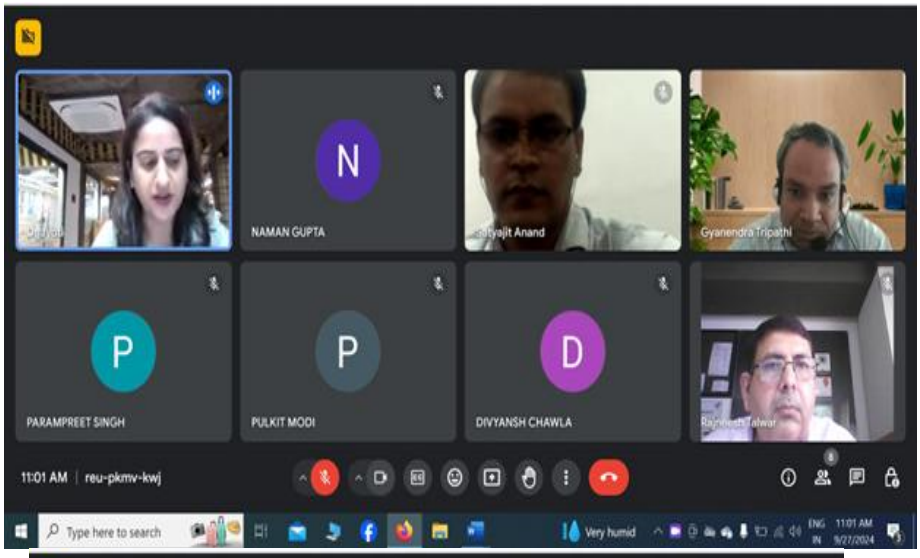
Event Details	
Title of the Event:	Embedded Design for Factory Automation and Robotics
Date of the Event:	27, September, 2024
Venue	Online
SDG no	4,9,11 and 17
Department	DICE
Organized By:	Dr. Rajneesh Talwar, Dean DICE
No. of Student Attended	39
Resource Persons:	Dr. Gyanendra Nath Tripathi, Ph.D., Panasonic Industry, Osaka, Japan.

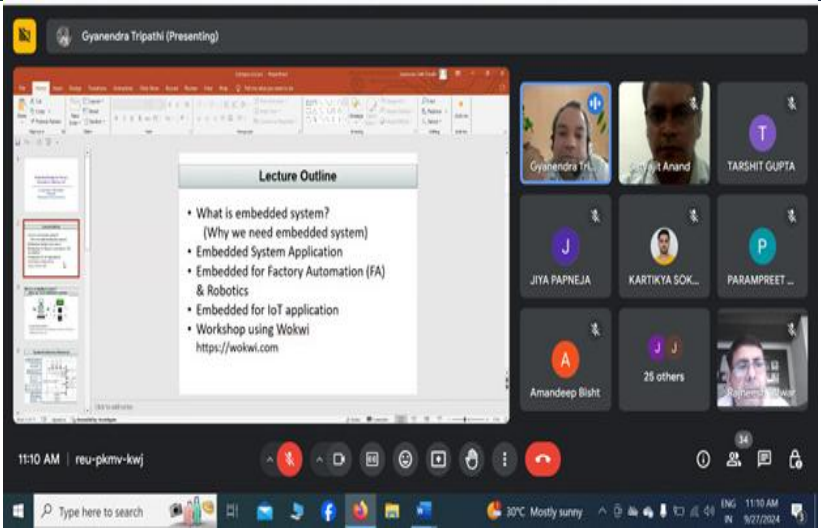
Description

The Department of Interdisciplinary Courses in Engineering (DICE) hosted an online session "Embedded Design for Factory Automation and Robotics" on September 27, 2024. Resource person was Dr. Gyanendra Nath Tripathi, Panasonic Industry, Osaka, Japan. Dr. Rajneesh Talwar, Professor and Dean DICE opened the session. Dr Tripathi introduced participants to embedded systems, highlighting their importance and applications followed by practical discussion on the system architecture combining hardware and software to fulfill dedicated tasks. He conducted practical coding session using Workwi platform to test a blinking LED setup and motor control. The workshop aimed to equip students with necessary skills and knowledge to enhance their understanding and skills in field of advancements in factory automation, embedded systems, and Robotics' Tripathi's session provided students with a deep understanding of embedded design applicable to industrial needs. Through his theoretical insights and practical exercises, students gained a foundation in embedded system. This session contributed to the Sustainable Development Goals (SDGs) by promoting SDG 4 (Quality education), SDG 9 (Fostering industry innovation and infrastructure and supporting SDG 11 (Sustainable cities and communities).

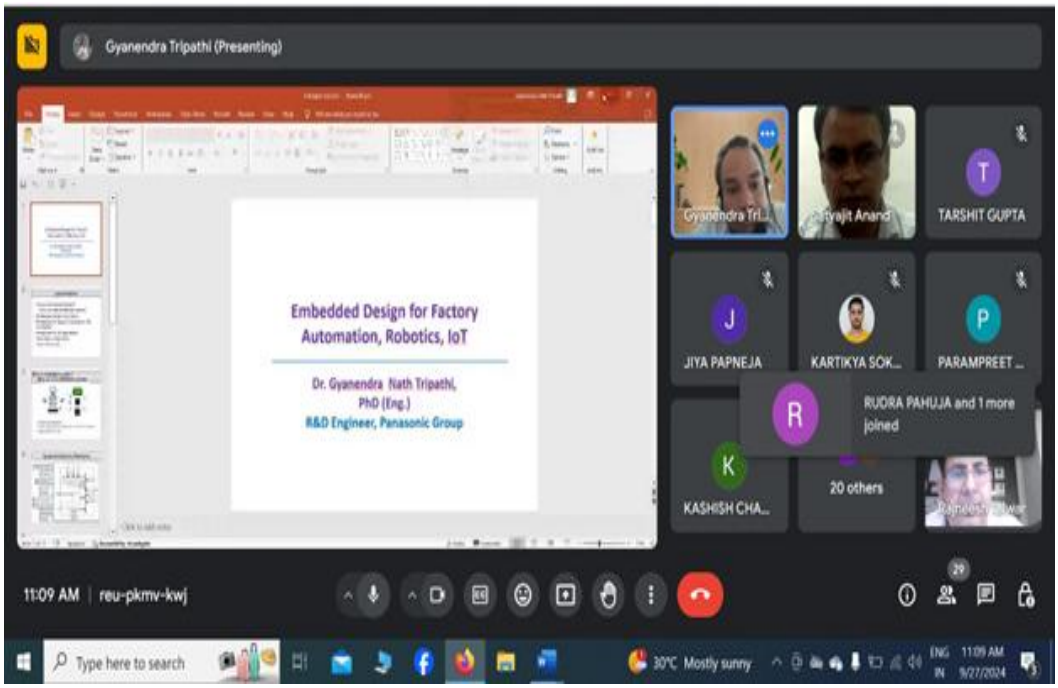
OBJECTIVE

1. Introduce embedded systems for automation and robotics.
2. Teach system architecture combining hardware and software.
3. Provide hands-on coding experience with the working platform.
4. Develop skills for industrial automation and robotics.

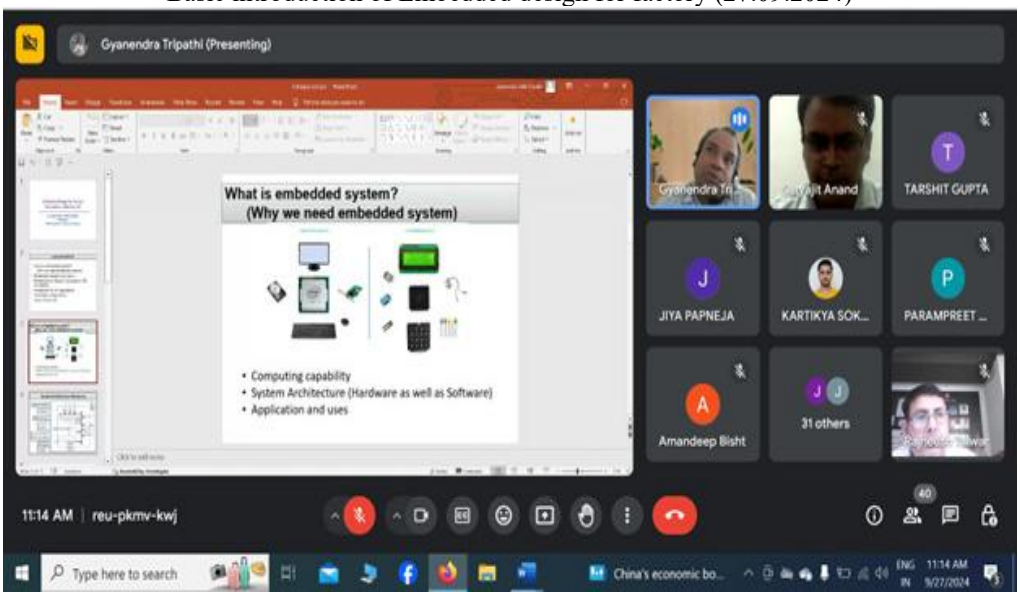




Lecture outline of the talk explained by an expert (27.09.2024)



Basic introduction of Embedded design for factory (27.09.2024)



Embedded system and its need in Morden world explained by resource person (27.09.2024)

Event Details	
Title of the Event:	Expert Talk on Design Thinking: Smart Systems and Sustainable Solutions
Date of the Event:	01 October, 2024
Venue	Pierre Hall, Le Corbusier Block
SDG no	4,9 and 11
Department	DICE
Organized by	Prof. (Dr) Rajneesh Talwar, Dean DICE
No. of Student Attended	44
Resource Persons:	Prof. (Dr) Rajneesh Talwar, Dean DICE

The Department of Interior Design at Chitkara School of Planning and Architecture invited Dr. Rajneesh Talwar as a resource person to deliver an insightful talk on "Design Thinking: Smart Systems and Application on 1st Oct 2024." Dr. Talwar, known for his extensive experience in interdisciplinary courses and technological innovation, shared his expertise on integrating design thinking with smart systems to foster sustainable, efficient, and technologically advanced living spaces. Dr. Talwar emphasized the growing need for sustainable energy solutions in modern homes. He introduced the concept of solar windows and solar curtains, which harness sunlight to generate power. These innovations can reduce dependency on conventional energy sources while seamlessly integrating into home aesthetics. A significant part of the session was devoted to discussing complete home automation systems. Dr. Talwar explained how automation enhances convenience and energy efficiency, particularly in

managing daily tasks.

Projects discussed included: Automatic Sliding Doors: Automatic doors powered by smart systems were highlighted as a blend of technology and design, improving accessibility and comfort.
Off-grid and On-grid Solar Systems: Dr. Talwar encouraged the adoption of off-grid and on-grid solar systems as alternative power solutions. He elaborated on how these systems can be used to power homes independently or in combination with traditional energy grids, providing flexibility and reliability. Dr. Talwar shared how design thinking plays a crucial role in implementing smart systems. He emphasized the iterative nature of design thinking, which involves understanding user needs, ideating innovative solutions, prototyping, and testing.
This approach ensures that the designs are not only functional but also user-centric and sustainable. Dr. Rajneesh Talwar, Professor and Dean, DICE along with faculty members and students from Chitkara University were invited to attend the event held at Chandigarh. Students from interior design department and from engineering participated in the event. The event commenced with orientation by Mr. Krishnan Visawanath from Bombay. He explained the complete structure of ASHRE and its relevance to faculty and students. He also explained how students can apply for project grants and various scholarships.
Dr. Talwar Interacted with various members and extended an invitation for upcoming competition Navotthan 2024 at Department of Local Bodies, Punjab. Another wonderful session on “Life Cycle Water & Carbon: The new metrics and what they tell us” Was taken by Mr. Gaurav Shorey, Founder – SWARAJ highlighting the carbon footprints and his research work. This event gave an ideal platform for an in site on ASHRE working. It covered Sustainable Development Goals (SDGs), including SDG 4 (Quality Education) and SDG 9 (Industry, Innovation, and Infrastructure).

OBJECTIVE:

1. To introduce the concept of design thinking in creating smart and sustainable living spaces.
2. To educate students on innovative energy solutions like solar windows and home automation.
3. To promote interdisciplinary collaboration between engineering and interior design students.
4. To familiarize participants with ASHRAE, its structure, and available student opportunities.


FROM CLASSROOM
TO PRACTICAL INNOVATION,
WE'RE HERE FOR YOU.

Event Name	Innovate and create with Arduino: From Concept to Prototype
Date	3rd October 2024
Venue	LARVA Lab
Organizer	Chitkara International College
Resource Person	Prof. (Dr) Rajneesh Talwar
Number of Participants	19
SDGs Covered	3,4,7,9,11
Duration	2 hours

About the Activity

The "Innovate and Create with Arduino" workshop is a hands-on activity designed to guide participants through the process of taking a concept from an idea to a fully functional prototype. Using Arduino, an open-source electronics platform, participants will learn how to design, code, and build interactive electronic projects. Whether it's automating a system or creating a smart device, this workshop will empower participants to bring their ideas to life.

Objectives

- Teach participants how to translate ideas into working prototypes using Arduino, basic electronics, and coding.
- Encourage creative problem-solving and innovative thinking through interactive projects.
- Provide a foundational understanding of circuit design, sensor integration, and programming logic in a real-world context.

Key Highlights

Participants will receive step-by-step instructions on setting up Arduino, writing code, and assembling their projects.

Outcomes

- Gain hands-on experience in using the Arduino platform, sensors, actuators, and other electronic components.
- Participants will sharpen their design thinking skills and approach problems with a creative, solution-driven mindset.
- Build teamwork and collaboration skills through group projects and presentations.


LASER CUTTING

Event Details	
Title of the Event:	Web Development Technologies - A stride towards Innovation
Date of the Event:	21, October 2024
Venue	TG-022, Turing Block
SDG no	4,9,11 and 17
No. of Student Attended	24
Resource Persons:	Dr. Rajneesh Talwar, Dean DICE Dr. Jyoti, Assistant Professor, DICE
Department	DICE
Organized By	Prof. (Dr.) Rajneesh Talwar
Duration	1 day

Description

Department of Interdisciplinary Courses in Engineering (DICE) organized an expert session on Web Development Technologies-A stride towards Innovation on 21st October 2024. This session kicked off with the Inauguration and a profound welcome Address by Dr. Rajneesh Talwar who made the students realize the importance of time utilization and how to make the best use of resources as well as gave a brief introduction on DICE. He discussed how to make websites and go online.

Dr. Jyoti, Assistant Professor in DICE, discussed the importance of persistence and practical skills by pushing boundaries and learning new skills. Furthermore, she also gave an introduction on the basics of html, CSS and JavaScript. The concepts of web development and CSS were demonstrated and practical exposure to the technologies was taken by Mr. Kunal. Students were also given a chance to showcase their skills by developing an e-commerce website. This event was accompanied by interactive quizzes and the winners were awarded prizes. This event inspired and equipped the students to explore the field of web development. This event aligned with the Sustainable

Development Goals (SDGs), specifically Goal 4: Quality Education, Goal 8: Decent Work and Economic Growth, Goal 9: Industry, Innovation, and Infrastructure, and Goal 17: Partnerships for the Goals.

Objective

1. Introduce students to HTML, CSS, and JavaScript.
2. Provide hands-on e-commerce website development experience.
3. Encourage practical skills and creativity in web design.
4. Promote learning through interactive quizzes and competitions

Dean DICE initiated the session on Web Development Technologies-A stride towards Innovation (21.10.2024)

Event Details	
Title of the Event:	DICE Technovision 3.0
Date of the Event:	09, December, 2024
Venue	Alpha Zone
SDG no	4,9 and 11
No. of Student Attended	174
Resource Persons:	Prof. (Dr.) Rajneesh Talwar, Dean-DICE
Department	DICE
Organized By	Prof. (Dr.) Rajneesh Talwar
Duration	1 day

Discription

Department of Interdisciplinary Courses in Engineering (DICE) organized "Technovision 3.0" on December 9, 2024, at Alpha Zone. This project display event showcased the innovative spirit and technical acumen of first-year students under DECA. Building on the success of its predecessors, "Technovision 3.0" continued the tradition of celebrating creativity, technical ingenuity, and interdisciplinary learning among budding engineers. The event was inaugurated by Dr. Rajneesh Talwar, Professor and Dean DICE, who commended the students for their dedication and ingenuity. In his address, Dr. Talwar emphasized the value of practical and hardware-based approaches in engineering education. He highlighted that such initiatives bridge the gap between theoretical knowledge and real-world applications, fostering creativity, problem-solving skills, and teamwork.

Technovision 3.0 not only provided a platform for students to exhibit their projects but also aligned with several Sustainable Development Goals (SDGs), such as promoting quality education (SDG 4), fostering innovation and infrastructure (SDG 9), and enhancing sustainable cities and communities (SDG 11).

The projects were evaluated by a panel of external faculty members who brought diverse perspectives and expertise to the judging process. External assessments ensured an unbiased evaluation of the creativity, practicality, and technical complexity of each project.
The top five project groups were honored with awards for their outstanding work, celebrating their dedication and ingenuity. Technovision 3.0 continues to reinforce the institution's mission of fostering innovation, sustainability, and academic excellence, preparing students to address global challenges with confidence and creativity.

OBJECTIVE

1. To provide a platform for students to showcase innovative engineering projects.
2. To promote interdisciplinary learning and collaboration among first-year students.
3. To bridge the gap between theoretical knowledge and practical applications.
4. To align student initiatives with Sustainable Development Goals (SDGs).


CHITKARA UNIVERSITY
DICE
DICE
3.0
Fifth Position


DICE
TECHNOVISION
3.0