



**CHITKARA
UNIVERSITY**

Tree Plantation Drive
On
**REPUBLIC
DAY**
26th January 2025

**CHITKARA
UNIVERSITY**



Centre of
Excellence for
Sustainability

13 CLIMATE ACTION



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Jul 2024 - Jun 2025

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ICAMSF 2025

**Pre-conference* webinar on
Materials Engineering for
Chemical Sensing and
Organic Pollutant Degradation**

Date : 3rd February, 2025
Time : 11:30 AM Onwards
Mode : Online

Organizing Committee Members

Dr. Pooja Devi
Principal Scientist
CSIR-Central Scientific
Instrumentation
(CSIR-CSIO) Chandigarh
India



Registration Fee: Free
E-certificates will be provided
to attendees

*1st International Conference on
Advanced Materials for Sustainable Future
(ICAMSF-2025)

Organized by
Centre for Research Impact and Outcome
Chitkara University, Punjab



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Event Name	Van Mahotsav
Date	1 to 7 July 2024
Venue	Galileo Block & Fleming Block
Organizer	Centre of Excellence for Sustainability & Department of Horticulture
Participants	Department of Nursing, CSHS and CCP
Number of Participants	38
SDGs Covered	SDG-13 (Climate Action) SDG-15 (Life on Land)
Duration	2 Hrs.

About the Activity

Van Mahotsav week is celebrated from July 1st to July 7th in India as during this period, many parts of India experience the south-west monsoon, providing a favorable condition for afforestation. It is the festival of life, peace, hope and development. At our campus to celebrate this Utsav, the Centre of Excellence for Sustainability in collaboration with the Department of Horticulture, encouraged students to participate in Terrace Gardening. We had students from the College of Pharmacy as well as the Department of Nursing, CSHS participate in the event. New Terrace gardens are shaping up at Fleming block and Galileo Block, and these students participated in its creation under the guidance and mentorship of Mr. Raza, Sr. Horticulturist. Further a plantation drive was also organized in the hostel by the Centre of Excellence for Sustainability and Department of Horticulture with full-fledged support from the Office of Residential Services.

Objectives

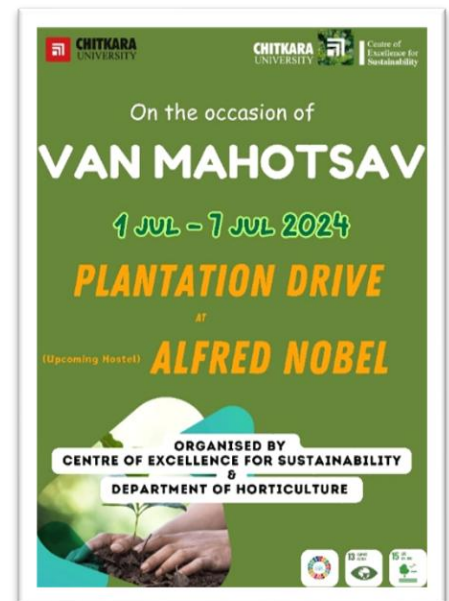
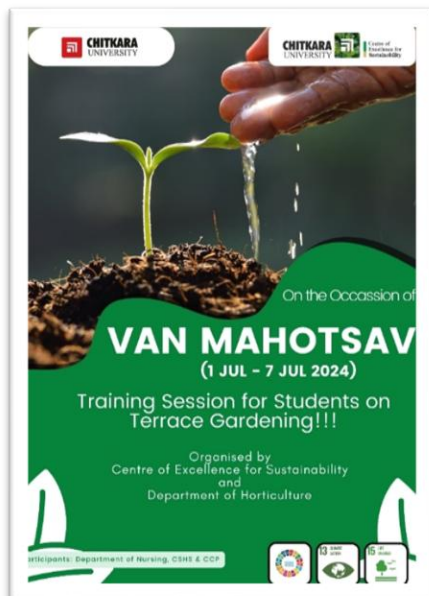
1. **Environmental Conservation:** To promote the conservation of the environment by increasing green cover, reducing carbon footprint, and combating climate change.
2. **Community Engagement:** To involve community members in environmental activities, fostering a sense of responsibility and ownership towards local green spaces.
3. **Education and Awareness:** To educate students of the campus about the importance of trees, biodiversity, and sustainable living practices.
4. **Habitat Creation:** To create and restore habitats for local wildlife, supporting biodiversity
5. **Health Benefits:** To promote physical and mental health benefits for participants through outdoor activities and exposure to nature.

Key Highlights

1. High Participation
2. Successful Tree Planting
3. Positive Environmental Impact
4. Collaborative Effort
5. Community Spirit

Outcomes

1. Increased Green Cover
2. Improved Air Quality
3. Enhanced Biodiversity
4. Long – Term Environmental Benefits
5. Public Health Benefits



SDG 13 (CLIMATE ACTION) JULY 24 – JUNE 25

Event Name: -	World Population Day
Venue: -	Explore Stars Hall, Near Bloom Block
Date: -	11 th 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.



On July 11, 2024, Role play & Awareness talk was held at Village Kalomajra on occasion of World Population Day. NSS Volunteers of class B.Sc. (N) 2nd semester and B.Sc. (N) 4th semester from Department of Nursing, CSHS Chitkara University, Punjab Participated in the

event and it was organized by Ms. Preetika and Ms. Lakshita, Nursing Tutor, Department of Nursing, CSHS. The aim was to educate and raise awareness among the population about the importance of population control and its impact on sustainable development. NSS volunteers addressed about importance of population control, adoption of family planning, women's health and sustainable practices. Interactive sessions and discussions encouraged community participation, highlighting the importance of education and empowerment in managing population growth.

Outcomes

Role Play & awareness talk raised awareness among the villagers about the importance of population control. Many attendees expressed their commitment to adopting family planning measures and improving women's health. The interactive sessions facilitated active participation and questions from the community, leading to a better understanding of sustainable practices.



Event Name: -	World Paper Bag Day
Venue: -	Pierre Hall, Chitkara University
Date: -	12th July, 2024
SDG Number, Name and NEP: -	4: Quality Education 13: Climate Action, NEP: - 1
Organized By: -	National Service Scheme, Chitkara University, Punjab
Number of Attendees: -	62
Duration: -	One Day

Objective

1. To create a collective consciousness to take steps toward reducing reliance on plastic bags and promoting sustainable alternatives
2. To achieve a cleaner and healthier environment

On the 12th of July, Chitkara University, Punjab, witnessed a remarkable event that aimed to promote environmental consciousness and creativity among students. The Department of Computer Applications, under the aegis of the National Service Scheme (NSS), organized **the International Paper Bag Day Making Competition** online on **12th July 2024**. This event brought together 64 talented students from various departments who showcased their skills in designing and crafting eco-friendly paper bags.

The International Paper Bag Day Making Competition aimed to emphasize the importance of paper bags as an eco-friendly alternative to plastic bags. The event helped participants understand the detrimental effects of plastic on the environment, including pollution, waste accumulation, and harm to wildlife. By encouraging the use of paper bags, the competition aimed to inspire a shift towards sustainable choices in everyday life.

Then later Rally was also held in the premises of Chitkara University Campus to discourage the use of plastic and to encourage paper bags

All participants received participation certificates as a token of appreciation for their commitment to environmental sustainability.

This competition was a resounding success. By bringing together students from different departments and fostering their creativity, the event not only promoted sustainable practices but also showcased the university's commitment to environmental responsibility. Such initiatives play a vital role in nurturing a generation of conscientious individuals who are dedicated to protecting the planet and fostering a greener future for all.

Outcomes (Students were able)

1. To give rise to the production of environmentally sustainable paper bags, which are easily recyclable.
2. To promote the significance of utilizing paper bags instead of plastic.



SDG 13 (CLIMATE ACTION) JULY 24 – JUNE 25

Event Name	2 nd International Conference on Emerging Materials, Smart Manufacturing & Computational Intelligence
Date	18-19 July 2024
Venue	Pierre Hall, Le Corbusier Block
Department	Centre for Research Impact and Outcome
Resource Person	Day 1: Dr. Apurbba Kumar Sharma from IIT Roorkee, keynote addresses were given by Dr. Sanjeev Kumar from CSIR-CSIO, Dr. Navneet Khanna from IITRAM, and Mr. Mukesh Singh from LPS Bossard Pvt. Ltd Day 2: Ms. Priya Vyas from Springer Nature, Dr. Milos Djukic from the University of Belgrade, and Dr. Giuseppe Carbone from the University of Calabria.
Number of Participants	65
SDGs Covered	SDG 3, 4, 7, 9, 12 and 13
Duration	2 days

About the Activity

The 2nd International Conference on Emerging Materials, Smart Manufacturing, and Computational Intelligence presents a valuable opportunity for researchers and industry professionals. The event centers on the potential of innovative materials and advanced technologies to enhance manufacturing processes. By facilitating discussions on groundbreaking concepts, the conference fosters collaboration among academic institutions, businesses, and investors. This synergy is crucial as it promotes partnerships that lead to the creation of new technologies, ultimately improving the efficiency and productivity of manufacturing facilities. Such advancements will contribute to the development of superior products for consumers. Furthermore, the 2nd International Conference on Emerging Materials, Smart Manufacturing & Computational Intelligence (ICEMSMCI-2024) transcended traditional academic gatherings, serving as a significant platform for experts and thought leaders to tackle pressing Sustainable Development Goals (SDGs). The conference highlighted the interrelation of industrial innovation, responsible consumption, health improvements, clean energy initiatives, climate action, and educational advancements.



Objectives

- To provide a platform for researchers and experts to discuss advancements in emerging materials, smart manufacturing, and computational intelligence.
- To foster collaboration and knowledge exchange in sustainability, energy, and health-based technologies.
- To highlight cutting-edge research in robotics, bio-sensing, green energy, and innovative engineering solutions.

Key Highlights

- Hybrid format: Day 1 (Offline at Chitkara University), Day 2 (Online).
- Renowned keynote speakers from IIT Roorkee, CSIR-CSIO, IITRAM, Springer Nature, University of Belgrade, and University of Calabria.
- Over 200 submissions, with 65+ papers selected (30% acceptance rate).
- Five technical tracks covering sustainable materials, smart manufacturing, robotics, computational intelligence, and healthcare computing.
- Parallel sessions featuring innovative research on bio-waste, fog detection, cancer diagnosis, and energy-efficient technologies.

Outcomes

- Successful knowledge sharing and networking among global researchers and industry experts.
- Recognition of outstanding research through awards and acknowledgments.
- Strengthened focus on sustainable development and interdisciplinary innovations.
- Advancement of research in engineering, robotics, healthcare computing, and green energy technologies.



Event Name: -	Tree Plantation Drive Under the campaign एक पेड़ माँ के नाम
Venue: -	Yellow Point, Chitkara University, Punjab
Date: -	24th July, 2024
SDG Number, Name and NEP: -	4: Quality Education 13: Climate Action, 15: Life on Land, NEP: - 1
Organized By: -	National Service Scheme, Chitkara University, Punjab
Number of Saplings: -	250
Duration: -	One Day

**"The true meaning of life is to plant trees; under whose shade you do not expect to sit."
– Nelson Henderson**

Celebrating the bond between nurture and nature, the National Service Scheme led a heartwarming Tree Plantation Drive on 24th July 2024, under the 'Ek Ped Maa ke Naam' campaign.

The event was graced by the presence of Mrs. Rupinder Kaur, Assistant Director, and Mr. Kulwinder Singh, Deputy Director, Youth Services, NSS, Punjab. Their participation added a sense of significance to the campaign, highlighting the importance of not just planting trees, but also honoring the nurturing spirit of motherhood through nature. This campaign aimed to emphasize the idea that just as a mother nurture her children, trees nurture the earth by providing life, oxygen, and a healthier environment for generations to come.

Adding to the event's significance, Dr. S.C. Sharma, Registrar; Dr. K.K. Mishra, PVC, IQAC; and Prof. Harkiran Kaur, PVC, CAN, Chitkara University, Punjab, also actively participated in planting saplings. Their involvement sent a message about the importance of leading by example, showing that environmental responsibility is a collective effort. By planting these trees, they symbolized a commitment to a greener future—one that reflects the values of sustainability and care for the earth.





Event Details	
Event Name	Career Counselling
Topic	Scaling and Growth Strategies for Startups
Date	2024 - 07 - 31 to 2024 - 07 - 31
Mode	Offline
Venue	LH- 102, Rock feller Block
Organizer Name	Chitkara Business School
Resource Person	Indeerveer Singh Founder and CEO
No. of Participants	55
SDG No	4,7,9,12,13

Objective

1. Understand the importance of product - market fit .
2. Learn effective go-to- market strategies .
3. Leverage network density for growth .
4. Navigate different stages of startup growth .
5. Address common startup challenges with practical solutions .

Description

With a background in producing electric trucks since 2014, Sir provided a unique perspective on sustainable vehicles and the challenges faced in scaling a startup. One of the key highlights was the emphasis on achieving product - market fit (PMF). He explained that understanding customer needs and continuously improving the product based on feedback is crucial for any startup. He illustrated this with examples of companies like King Media and Sound Cloud, which experienced significant growth by focusing on their customers' needs. The discussion then moved to the importance of a robust go-to-market (GTM) strategy. He stressed the need for a clear plan that includes branding, pricing, distribution, and leveraging network density. He highlighted the significance of understanding the market from the consumers' perspective to effectively launch and scale a product. He described the Explanation Stage, where the idea is developed and refined the Extrapolation Stage marked by rapid growth and the Expansion Stage, focusing on profitability and market penetration.

. He used real - life examples to illustrate these stages, making it easier for participants to relate to their own experiences . The event also addressed common challenges faced by startups , such as building the right team , acquiring customers , sales strategies and technical issues.

Outcomes

1. Enhanced Understanding of PMF
2. Leveraging Network Density
3. Navigating Growth Stages
4. Effective GTM Strategies



Event Details	
Event Type	Workshop
Topic	The Science of Laundry- Practical Exposure & Learning
Date	2024-08-05 to 2024-08-08
Mode	Offline
Venue	Central Laundry, Boys Hostel
Organizer Name	Chitkara College Of Hospitality Management
No. of Participants	50
SDG No	SDG 6: Clean Water and Sanitation, SDG 7: Affordable and Clean Energy, SDG 12: Responsible Consumption and Production, SDG 13: Climate Action

Objective

1. To provide hands-on experience in large-scale laundry operations relevant to hospitality.
2. To offer insights into the latest technologies and equipment in modern laundry systems.
3. To emphasize the importance of hygiene, fabric care, and operational efficiency in laundry management.
4. To bridge the gap between theoretical knowledge and real-world applications for students.
5. To highlight the critical role of laundry services in upholding hospitality industry standards.



Description

From August 5th to 8th, 2024, students from Chitkara College of Hospitality Management visited the Central Laundry facility at Chitkara University, Punjab, gaining valuable insights into large-scale laundry operations, which are pivotal in the hospitality sector. The visit was guided by Mr. R.K. Mehta, an industry expert, who provided a detailed overview of the processes, challenges, and innovations in laundry management. This immersive experience allowed students to see firsthand the intricate systems behind handling, washing, drying, and sorting linens on a large scale, all while maintaining high standards of hygiene and fabric care. The excursion also introduced students to the latest laundry technologies and equipment, reinforcing the importance of operational efficiency, hygiene, and sustainability. They

observed how advanced machines streamline the laundry process, ensuring that massive loads are managed effectively, which is essential in high-demand hospitality environments. Mr. Mehta's guidance on best practices emphasized the significance of meticulous care and maintenance of fabrics, key elements in extending the life of linens and maintaining the aesthetic quality expected in hospitality establishments. This practical exposure serves as a vital part of their curriculum, bridging the gap between theoretical knowledge and real-world applications. By witnessing the laundry's role in supporting overall guest satisfaction, students gained a deeper appreciation for behind-the-scenes operations that uphold hospitality standards. The experience reinforced their understanding of operational management and highlighted how laundry services contribute to the seamless functioning of the hospitality industry, ultimately preparing them for future roles in hospitality management.

Outcomes

1. Enhanced understanding of large-scale laundry operations in hospitality.
2. Familiarity with modern laundry technologies and equipment.
3. Improved awareness of hygiene, fabric care, and efficiency in laundry management.
4. Practical application of theoretical knowledge in a real-world setting.
5. Recognition of the importance of laundry services in maintaining hospitality standards.



Event Details	
Event Name	Expert Talk
Topic	Climate Finance and Sustainable Development
Date	2024 - 08 - 13 to 2024 - 08 - 13
Mode	Offline
Venue	LH- 103,RockFeller Block , CBS, Chitkara University
Organizer Name	Chitkara Business School
Resource Person	Navpreet Sidhu Assistant Professor
No. of Participants	69
SDG No	4,7,9,12,13

Objective

5. Understand the role of climate finance in combating climate change .
6. Explore the linkages between climate finance and Sustainable Development Goals (SDGs).
7. Identify challenges in mobilizing climate finance .
8. Analyze policy frameworks and best practices for leveraging climate finance .

Description

This session on "Climate Finance and Sustainable Development " will explore the vital intersection between financial resources and global efforts to mitigate climate change while fostering sustainable growth . As climate change continues to pose significant challenges , the mobilization and effective deployment of climate finance have become more critical than ever. The session will delve into the fundamental role of climate finance in supporting the transition to a low -carbon economy and its potential to drive sustainable development across various sectors , including energy , agriculture , and infrastructure . Participants will be introduced to the different sources , mechanisms , and instruments of climate finance , such as green bonds , carbon credits , and public - private partnerships . The session will also address the complex challenges faced by developing countries in accessing and utilizing climate finance , highlighting the importance of international cooperation and innovative financial solutions . By exploring

case studies and real - world examples , attendees will gain insights into how climate finance has been successfully leveraged to achieve tangible sustainability outcomes . Moreover , the session will provide a platform for discussing the existing policy and regulatory frameworks that govern climate finance , with a focus on identifying best practices and potential improvements . The interactive discussions will encourage participants to share their experiences and ideas

Outcomes

1. Increased awareness of climate finance and its impact on sustainable development .
2. Actionable insights on mobilizing and utilizing climate finance .
3. Informed policy recommendations for improving climate finance alignment with SDGs
4. Enhanced collaboration and networking among participants.



Event Name	B.Des 2024 Orientation Day
Date	19.08.2024
Venue	Pulitzer Hall, Picasso Block
Organizer	Department of Fashion Design, Chitkara Design School
Resource Person	Prateek Sethi
Number of Participants	208
SDGs Covered	1, 4, 5, 8, 9, 10, 13, 15, 16

About the Activity

The foundation program in design disciplines consists of a legacy of changing times in human history and especially in the humans' endeavor of creating art, objects and spaces. 'The Orientation Day' in the beginning of design foundation is an attempt to indulge design aspirants in a brief journey through this legacy by giving them a glimpse of the design process in an interactive and playful way. The scheme of the orientation day is planned to also provide an ice-breaking platform for students where they come out of their confusions and apprehensions by interacting with designers and academicians about the design learning and later its practice in various contexts. It also consists of an informal interaction with a resource person in an audio visual format.



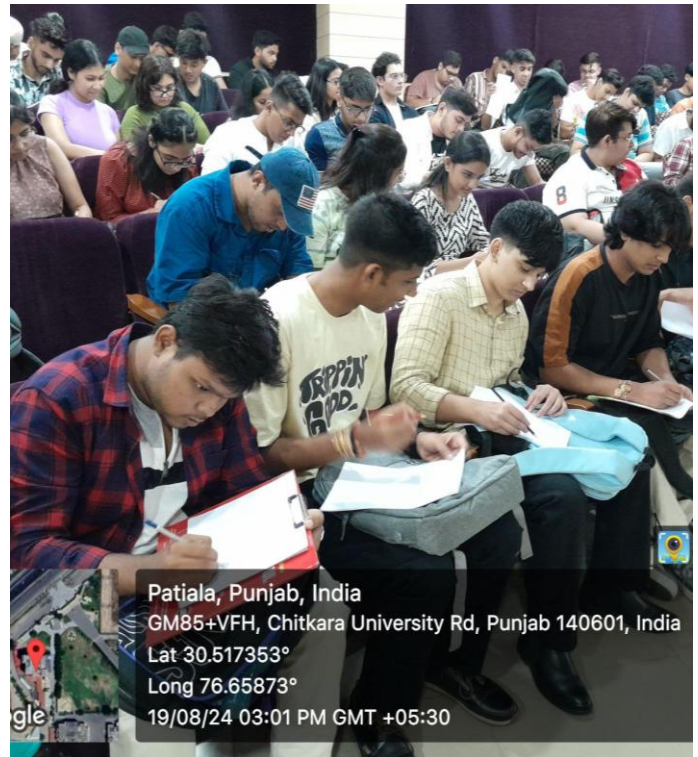
Objectives of the even

The aim is to raise awareness about the legacy of design within the context of human creativity and innovation in the creation of art, objects, and spaces. It seeks to offer students a glimpse into design education from a global perspective, including industrial training, in an engaging and playful manner. The initiative also aims to provide a platform for students to break the ice, alleviate their uncertainties, and interact with designers and academicians regarding professional design training and its application in various fields. Additionally, it offers students the opportunity to meet industry professionals and gain insights into how industries handle aspects such as legality, development goals, entrepreneurship, ecosystems, sustainability, human resources, and their well-being.

Outcome or Key take away from the event

The students gained a holistic understanding of the legacy of design learning and its practice, effectively addressing the aforementioned objectives. The resource person, a representative

of the design industry, had the opportunity to interact with both students and faculty, which allowed them to gauge the academic capabilities present. This interaction fostered a sense of happiness and achievement in the students, contributing positively to their psychology as they felt part of the art and design community. Moreover, the students developed a heightened sense of responsibility towards their academic pursuits.



Event Name	Sustainable Development Goals
Topic	3D Poster Making Competition CREATIVE VISION FOR SUSTAINABLE WORLD
Date	2024 – 08- 29 to 2024 – 08- 29
Mode	Offline
Venue	LH 405, 4th Floor, Rockefeller Block, Chitkara University, Punjab
Organizer	Centre For Digital Marketing Strategy & Analytics
Resource Person	Ms. Leeza, Assistant Professor
Number of Participants	114
SDGs Covered	4, 12, 13, 7
Duration	1day

About the Activity

The Centre for Digital Marketing Strategy & Analytics recently organized a unique 3D Poster Making Competition, “Creative Vision for Sustainable World”, on August 29, 2024. This engage BBA Digital transformation and strategy, as well as BBA Retail Management students in creatively representing 17 SDGs. With Ms. Leeza as esteemed judge, the competition served as a platform to enhance awareness and foster innovation thinking and sustainability. This event does not highlighted the importance of SDGs but also demonstrated the powerful role that creativity can play in driving positive change.



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.



Event Name	Wealth From Waste
Date	9 to 16 Sep 2024
Venue	Carnegie Hall, Rockefeller Block
Organizer	Centre of Excellence for Sustainability
Participants	All
Number of Participants	29
SDGs Covered	SDG-12, SDG-13, SDG-15
Duration	2 Hrs.

About the Activity

The Wealth from Waste event was organized from 9th September to 16th September 2024. The event was managed by the Centre of Excellence for Sustainability and aimed at promoting creative thinking and sustainability by encouraging participants to create utility products from waste materials.

Participants were required to:

1. Create a utility product using waste materials.
2. Record a video documenting the process of making the product.

The activity ran from 9th to 15th September 2024 with a deadline for submissions on 15th September. On 16th September 2024, all utility products were displayed at the Rockefeller Block, Chitkara University for judgment and public viewing.

Objective

The primary goal of the event was to foster innovation in waste management and spread awareness about sustainability. Participants were asked to repurpose waste materials into useful products, promoting the idea that discarded items can be transformed into valuable resources rather than simply being thrown away.

Exhibition and Judgement

The products created by participants were put on display for judgement at Rockefeller Block on the 16th of September 2024. The exhibition showcased a wide range of creative and practical



items crafted from discarded or waste materials, reflecting participants' ingenuity and commitment to sustainability.

The judges panel comprises of three extremely talented and professional artists of our campus - Dr. Sudarshan Pal Singh (VP, Infrastructure), Dr. Ranjan Malik (Prof & Dean ,Department of Fine Arts, CDS) and Mr. Manpal Singh Setia (Prof & Dean, Department of Communication Design, CDS).The judges evaluated the products based on:

1. Creativity and innovation.
2. Practical utility.
3. Aesthetic appeal.
4. Efficient use of waste materials.

On the same day, after thorough evaluation by the judges, the results were declared. The winning entries were those that demonstrated the most effective use of waste materials to create a functional and aesthetically pleasing product. The event concluded with a celebration of participants' efforts and contributions to the cause of sustainability.

Conclusion

The Wealth from Waste initiative successfully promoted the message of sustainability and innovation, inspiring participants to think differently about waste and encouraging the community to adopt eco-friendly practices. The event was a significant step toward raising awareness about the importance of recycling and the creative possibilities it offers.

YouTube : https://youtu.be/dl3eCyar_2M?si=Dw4mVqUdqOXjwgg



Event Details	
Event Type	Competition
Topic	Essay Writing Competition
Date	2024-09-12 to 2024-09-12
Mode	Offline
Venue	Library, Chitkara Law School
Organizer Name	Chitkara Law School
No. of Participants	33
SDG No	SDG 4: Quality Education, SDG 5: Gender Equality, SDG 10: Reduced Inequalities, SDG 13: Climate Action, SDG 16: Peace, Justice and Strong Institutions

Objective

1. Collectively commemorate the International day of Democracy
- 2 To apprise young people's essential role in advancing democracy
- 3 To ensure that their voices of every persons are included in the decisions that have a profound impact on the world
- 4 To empower the young generation in bringing gender parity and reduces inequalities.

Description

Every year 15th September is commemorated as International Day of Democracy. This day provides an opportunity to review the state of democracy in the world. Therefore, to commemorate the International Day of Democracy, Centre for Constitutional Law and Public Policy, under the aegis of Dean Chitkara Law School, Chitkara University, Punjab has organised its maiden event i.e. Essay Writing Competition on "Freedom of Speech and Expression vis-à-vis Role of Social Media in Indian Democracy". Centre has received total 107 entries, across the Chitkara University, Punjab. On 12th September, 2024 event was successfully concluded thereafter, respective entries were sent for evaluation to the respectable in-house jury members, only five entries were selected by the jury members and same were sent for final evaluation, which has to be done by the external evaluators. Entire evaluation and finalization of results was duly closed on 13th September, 2024. Thereafter, on 24th September, 2024 awards and certificates were distributed to the winners and to the participants of the event.

Outcomes

- 1) Students of Chitkara University with full zeal participated in the event, total 106 entries were received.
- (2) Students expressed their views on role of freedom of speech and expression in Democracy.
- (3) Young people portrayed the role of Social Media in Indian democracy
- (4) Young generation will be able to reflect the gender parity and reduces inequalities.



Event	Tree Plantation Drive		
Date/Time	16-09-2024	Mode:	Offline
Location	ALAMPUR VILLAGE, RAJPURA		
Activity In-Charge	Mr. Brij Kishore		
No. of Participants:	59		
Resource Person	Chief Er. Jasjeet Suri		
SDG	4,13,15		

BRIEF DESCRIPTION

TREE PLANTATION DRIVE AT ALAMPUR VILLAGE ON 16 SEP 24

In commemoration of World Ozone Day on September 16, 2024, a significant tree plantation drive was organized with the dual purpose of promoting environmental awareness and contributing to the city's green cover expansion plan. Held at Alampur Village, Rajpura, near Chitkara University, this event saw participation from all batches of B.Sc. (NS) cadets. The initiative was designed to underscore the essential role of trees in preserving ecological balance, mitigating the impacts of climate change, and fostering biodiversity. The plantation drive was more than just an environmental activity; it served as a comprehensive educational experience for the cadets, who were informed about the myriad benefits of trees, including their role in air purification, soil conservation, and climate regulation. The cadets also learned about the adverse effects of deforestation and the vital role that each individual plays in environmental stewardship.



Additionally, the event aimed to engage the local community, encouraging residents to actively participate and thereby cultivate a collective sense of responsibility towards environmental conservation. By involving the community, the drive fostered a sense of ownership and empowerment in protecting and nurturing the environment. The overarching goal of the tree plantation was to contribute to environmental conservation efforts by planting trees that support ecological stability, enhance air quality, and prevent soil erosion. This collaborative effort, supervised by **Mr. Nahar Singh**, was a step towards building a greener, more sustainable future, reflecting a strong commitment to environmental protection and community engagement.



Tree Plantation Drive at Alampur Village on
16th Sep 24

Tree Plantation Drive under way at
Alampur Village on 16th Sep 24



Cadets participating actively in Tree
Plantation Drive at Alampur Village
on 16 Sep 24

Event Name: -	Tree Plantation Drive on World Ozone Day
Venue: -	Government High Smart School, Thuha
Date: -	16 th September, 2024
SDG Number, Name and NEP: -	3-Good Health and Well Being, 4-Quality Education, 13-Climate Action and 15-Life on Land, NEP: - 1
Organized By: -	National Service Scheme, Chitkara University, Punjab
Number of Saplings: -	100
Duration: -	One Day

Marking **Ozone Day**, the **National Service Scheme, Chitkara University, Punjab**, transformed a humble schoolyard into a vibrant canvas of green hope through an inspiring **Tree Plantation Drive**. This event was not merely an act of planting saplings; it was a heartfelt commitment to the environment, symbolizing a promise to nurture the earth and cultivate a sustainable future.

As students and volunteers gathered at the **Government High Smart School, Thuha**, each sapling planted became a symbol of resilience, as if hands were weaving the roots of a healthier tomorrow. With every shovelful of soil, the collective effort took shape, embodying the spirit of community and environmental stewardship. The air buzzed with energy and purpose as participants engaged in the act of giving back to nature, fostering a deep-rooted sense of responsibility toward the planet.

The event further blossomed with the inauguration of a botanical garden, a sanctuary where students and volunteers nurtured both plants and awareness. This garden stands as a testament to the efforts of all involved, a place where flora can flourish and inspire future generations. Each plant became a living reminder of the importance of biodiversity and ecological balance, urging everyone to recognize their role as guardians of the environment.

In tandem with the planting activities, a vibrant campaign was launched, highlighting the significance of the ozone layer and its crucial benefits for life on Earth. Through interactive sessions and informative displays, the day became a celebration of both the planet and its devoted guardians. Knowledge flowed freely, and conversations ignited a passion for environmental advocacy, transforming participants into ambassadors for a sustainable future.

As the trees took root, so too did the seeds of change within the hearts of those present. The drive resonated deeply, cultivating a sense of urgency to protect and cherish the natural world. Just as these trees will thrive, the spirit of this initiative promises to inspire a commitment to cultivating a greener future for generations to come. Together, the participants of this initiative reminded everyone that the path to a healthier planet begins with small, meaningful actions and a united vision for a sustainable tomorrow



Event Name	Fasprint 3.0 (National Level Student Competition) Theme: Upcycling & Recycling
Date	18.09.2024 – 20.09.2024
Venue	Pulitzer Hall, Picasso Block
Organizer	Department of Fashion Design, Chitkara Design School
Resource Person	Mr. Sanjay Razora, Head of the Department, Fashion Design, Chitkara Design School
Number of Participants	54
SDGs Covered	4,5,9,12,13,17
Duration	20 hours

About the Activity

Department of Fashion Design, chitkara design school has organized a Fasprint 3.0- National Level Fashion Design Competition. The participants need to create an outfit within 3 days and present it in front of the jury panel on the 3rd day . The competition started on 18.09.2024 and ended on 20.09.2024. Many teams across the university participated in the competition and worked on different ideas and thoughts. the jury members for the event were- Ms. Navneet Kaur Dhillon (Miss India 2013, Actor) ; Ms. Prabhdip barar (Chairperson , UIFT, VD, Punjab University Chandigarh) and Dr. Vaibbhavi P (Dean Fashion Design Department , Chitkara Design School). “Fasprint” is an innovation challenge presented by the Department of Fashion Design Chitkara Design School, Chitkara University, for college/University students. This exciting interdisciplinary design competition aims to explore their creativity and design a garment from found objects (Non toxic trash, old clothes/furniture, packaging etc.

Objectives of the event

To acquaint students with the potential of waste in generating meaningful garments .

The objective is to make students understand the sustainable goals and be able to contribute to meet these goals through there projects.



CHITKARA UNIVERSITY    

FASPRINT 3.0

NATIONAL LEVEL STUDENT COMPETITION

Theme: Upcycling & Recycling

An Innovative, Start-up and Entrepreneurship initiative by the Department of Fashion Design, Chitkara Design School



Event Dates:
18th, 19th, 20th September 2024

- Event Timing: 9 AM to 4 PM
- Call for Submission: 23rd August 2024
- Last Date of Registration: 13th September



Scan to Register

Outcome or Key take away from the event

The activity provided a holistic understanding to students related to innovation, sustainability as well as process of developing eco-friendly products.

The skill of working in short time and in team were also inculcated in students through this event.



Event Name	World Water Monitoring Day
Date	18 Sep to 20 Sep 2024
Venue	Online Mode
Organizer	Centre of Excellence for Sustainability
Participants	All
Number of Participants	25
SDGs Covered	SDG-6, SDG-13, SDG-15
Duration	3 days

About the Activity

The Reels Making Competition was organized by the Centre of Excellence for Sustainability at Chitkara University to commemorate **World Water Monitoring Day**. The event aimed to raise awareness about water conservation and the sustainable use of water resources through creative digital media. Participants, mostly students, were tasked with creating short, impactful reels that communicated the importance of water conservation and water monitoring. The competition served as a platform to inspire and promote judicious use of water among the younger generation, in line with global sustainability goals. The event was also aligned with the following UN Sustainable Development Goals (SDGs): SDG 6, SDG 13 and SDG 15. The poster invited creators to participate by submitting their reels through a submission link provided via a QR code.



The judges panel comprising of three extremely talented and professional artists of our campus – Mr. Swaranjeet Singh Sidhu (Director, Office of University Communication), Mr. Kunwardeep Singh Sarna (Assistant Director, Office of University Communication) and Ms. Nimisha Kapoor (Junior Executive, Office of University Communication).

Objective

The primary objective of this competition was to:

1. Encourage participants to create engaging and informative reels with a maximum duration of 60 seconds.
2. Highlight the importance of small, everyday actions in conserving water, which is one of our most precious natural resources.
3. Raise awareness about water monitoring as a tool for conservation.
4. Inspire others to join the cause of water conservation by spreading impactful messages through reels.

Key Features Promoted:

1. The reels had to emphasize saving water and the wise use of water resources.
2. Participants were encouraged to show how small actions can make a big impact on water conservation.
3. Creativity and effectiveness in delivering the message were considered critical.

Submission and Judging

Participants were required to submit their reels through a digital platform by scanning the provided QR code. Each submission was reviewed by a panel of judges, who evaluated the reels based on the following criteria:

1. **Relevance to the theme:** How well the reel conveyed the message of water conservation and monitoring.
2. **Creativity:** The originality of the content and the innovative way in which the message was delivered.
3. **Impact:** The emotional or motivational appeal that could inspire change in viewers.
4. **Production quality:** The visual and audio quality of the reel, though not as heavily weighted as the content.

Conclusion

The Reels Making Competition was a resounding success, with a wide variety of creative submissions from the student body. The event not only highlighted the urgent need for water conservation but also encouraged students to take action and inspire others to do the same. The use of digital media allowed the message to reach a larger audience beyond the university, amplifying the impact of the competition.

By harnessing the power of creativity and social media, the event helped spread awareness about sustainable water use and monitoring, aligning with the university's commitment to promoting sustainability and environmental responsibility.

YouTube : <https://youtu.be/MRK33rywymA?si=lcSSX-4YaqHNrS2>

Detail of the Event/Session	
Date of the Event/Session	19 September 2024
Name of the Event/Session	Awareness Session on Sustainable Waste Disposal & Need for Cleanliness.
Resource Persons	Capt. Ravinder Singh (Sr. Administrative Officer) Capt. Pawan Kumar (Sr. Administrative Officer) Mr. Gurjit Singh (Sr. Administrative Officer) Mr. Rattandeep Singh (Administrative Officer) Mr. Mahendra Pratap Singh (Administrative Officer) Mr. Ravinder Singh (Administrative Officer)
Organised By	Office of Administration
Trainee Team/Count	Supporting Staff/250
SDG Covered	6,13,14,15

About the session

The **Office of administration** organised awareness session on sustainable waste disposal & need of cleanliness. In this session, all administrative officers spread awareness to the workforce regarding the waste disposal practices they should adhere to as per the laid standards of the organisation, how to effectively utilize resources, and how the same played a very important role in protecting the environment. The sessions emphasized the need for cleanliness, need to maintain clean drinking water areas, timely cleanliness of water tanks, need to clear clogged and stagnant water at the earliest, discussed the ways to cultivate habits that keep surroundings tidy, and provided guidance on disposing of both biodegradable and non-biodegradable waste responsibly.



They were made aware of the different types of wastes and the processes laid on campus for the disposal of each type of waste. It is the workforce that deals with the total waste generated in the campus, till the final disposal and hence it is very important that they should be aware of the process. Further, most of these staff are from the local villages and hence awareness would help them to practice the correct disposal process at their residences also which could further lead to a cleaner society.



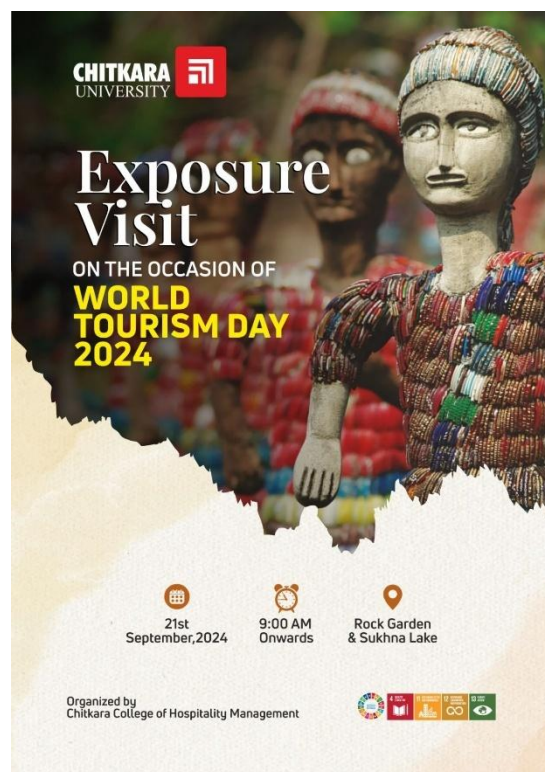
Event Details	
Event Type	Mind Management
Topic	Exposure Visit on World Tourism Day
Date	2024-09-21 to 2024-09-21
Mode	Offline
Venue	Rock Garden & Sukhna Lake, Chandigarh
Organizer Name	Chitkara College of Hospitality Management
No. of Participants	71
SDG No	SDG 4: Quality Education, SDG 11: Sustainable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



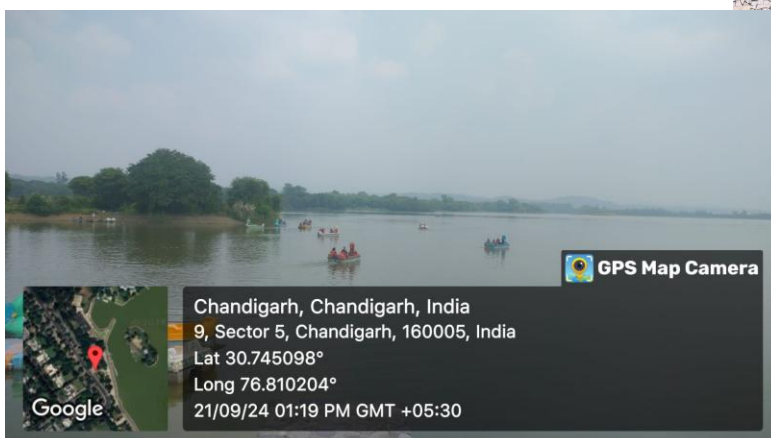


essential aspects of the hospitality industry. Such exposure helps them connect theoretical learning with practical insights, making their education more holistic and relevant to industry demands. To further enhance the learning experience, future visits could incorporate ****workshops, interactive sessions**, 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: -	Swachhata Pakhwada-Tree Plantation Drive
Venue: -	Civil Hospital, Rajpura
Date: -	21 st September, 2024
SDG Number, Name and NEP: -	3-Good Health and Well Being, 13-Climate Action, 15-Life on land & NEP: - 1
Organized By: -	National Service Scheme, Chitkara University, Punjab
Number of Saplings: -	25
Duration: -	One Day

On September 21, 2024, Chitkara School of Health Sciences in collaboration with Civil Hospital, Rajpura and National Service Scheme, Chitkara University Punjab organized a successful Plantation Drive. This event being part of the Swachhata Pakhwada initiative, themed “Nurturing Green Roots of Wellness” was held at Civil Hospital, Rajpura. The Plantation Drive aimed to promote environmental sustainability and raise awareness about the



importance of cleanliness in healthcare settings. Student volunteers presented informative posters and distributed pamphlets to the visitors and hospital staff fostering a deeper understanding of the importance of maintaining a clean environment in hospitals. In addition to promoting hygiene, the posters included impactful messages encouraging participants to say no to plastic. The initiative

aimed to highlight the detrimental effects of plastic pollution on the environment and public health, advocating for more sustainable practices in everyday life.

The event not only contributed to the beautification of the hospital premises but also educated the community about the significance of combining health with environmental stewardship. By planting trees and sharing knowledge, the students demonstrated their commitment to both public health and ecological responsibility. Overall, the Plantation Drive was a meaningful step toward fostering a cleaner, greener future for 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

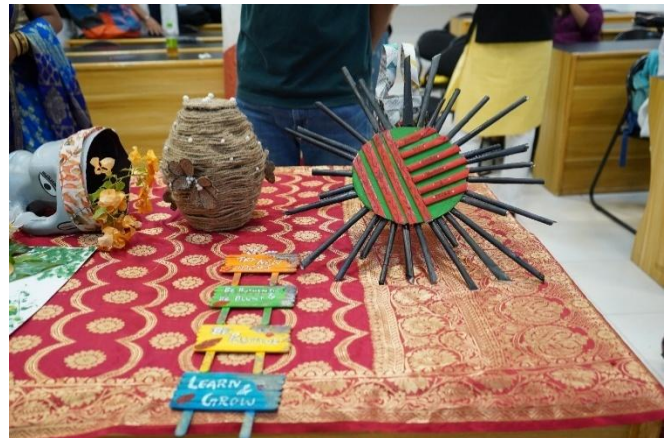
1. To celebrate cultural diversity through traditional attire and presentations.
2. To promote sustainable practices via creative use of waste materials.
3. To enhance students' public speaking and presentation skills.
4. To deepen knowledge of India's cultural heritage and tourism.
5. To provide a platform 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 Name	3rd International Conference on Engineering and Science to Achieve the Sustainable Development Goals (ICASDG2024)
Date	2024-09-25 to 2024-09-26
Venue	Hybrid
Organizer	• Al-Furat Al-Awsat Technical University • Chitkara University, Punjab, India • İstanbul Kültür University, İstanbul, Turkey • Gazi University, Ankara, Turkey • Imam Ja'afar Al-Sadiq University, Al-Najaf Branch
Resource Person	• Prof. Dr. HaiderDahad Deputy Minister , Prof. Erdal IRMAK Professor, Dr. Charu Khosla Director Academics & Research for International Affairs
Number of Participants	319
SDGs Covered	SDG 3: Good Health and Well-being, SDG 4: Quality Education, SDG 7: Affordable and Clean Energy, SDG 13: Climate Action, SDG 8: Decent Work and Economic Growth
Duration	2 Days

About the Activity

The 3rd International Conference on Engineering and Science to Achieve the Sustainable Development Goals is set to take place on 25th-26th September 2024 in Turkey. This incredible event is a joint effort organized by Al-Furat Al-Awsat Technical University (Iraq) in collaboration with Chitkara University, Punjab, India With the theme "Education is the Key to Addressing Climate Change and Achieving Sustainable Development," the conference aims to highlight cutting-edge research and innovative solutions that directly align with the Sustainable Development Goals (SDGs). Day one featured two keynote speakers, Prof. Dr. HaiderDahad, Deputy Minister of Higher Education and Scientific Research for Scientific Affairs, Iraq and Dr. Charu Khosla, Director of Academics & Research for International Affairs at Chitkara University* , India. The day concluded with 86 papers presented in plenary sessions across two key themes: Environmental and Climate Changes, and Sustainable Engineering & Renewable Energy. On the second day, the distinguished keynote speaker, Prof. (Dr.) Erdal Irmak from Gazi University, delivered a highly insightful and thought-provoking lecture on the topic, "Current Developments in Electric Power Systems: Challenges and a Sustainable Future." His presentation shed light on the latest advancements in electric power systems and the pressing challenges faced in building a more sustainable future. Following this, Prof. (Dr.) Mohit Kumar Kakkar and Dr. Gurpreet Singh



from Department of Applied Sciences, Chitkara University chaired and co- chaired respectively an engaging and intellectually stimulating online session. During the session, researchers from various esteemed universities across the globe presented their papers, all aligned with the Sustainable Development Goals. Their contributions highlighted innovative research and forward-thinking approaches towards achieving global sustainability.

Objectives of the event

1. To Promote Interdisciplinary Research and Innovation
2. To Facilitate Knowledge Exchange and Best Practices
3. To Foster Collaboration and Partnerships
4. To Raise Awareness and Drive Policy Engagement

Outcome or Key take away from the event

1. Actionable Research Findings and Solutions
2. Strengthened Networks and Collaborations
3. Policy Recommendations and Guidelines
4. Increased Awareness and Capacity Building

Under the patronage of His Excellency,
the Minister of Higher Education and
Scientific Research,
Dr. Naem Al-Aboudi
With supervision of
The honorable Chancellor of
Al-Furat Al-Awsat Technical University,
Prof. Dr. Hasan Latif Al-Zubaidi
In Cooperation with
Chitkara University, Punjab, India
Under the Theme
(Education is the Key to Addressing Climate
Change ... and Achieving Sustainable
Development)
Al-Furat Al-Awsat Technical University
is organizing the
**3rd International Conference on Engineering,
and Science to Achieve the Sustainable
Development Goals**
In Turkey – Istanbul on
25th – 26th Nov. 2024

Important Dates	
Deadline for full paper submission	20/8/2024
Notification of full paper acceptance	5/9/2024
Ready-to-camera paper	15/9/2024
Conference Date	25-26/9/2024

3rd ICASDG-2024

Vision
Higher Education... is the way towards achieving the sustainable development goals.

The Message
Sustainable studies and research that advances education and meets its priorities by investing available capacities and potential.

Conference Aims
Developing the necessary capabilities in the field of sustainable development, including:

- Stimulating and supporting sustainable development research in the local universities.
- Highlighting the latest developments in economic, social, and environmental research in conjunction with sustainable development concepts.
- Discussing the role of partnerships in terms of supporting scientific research and community services.
- Unveiling the significance of voluntary work to achieving the goals of sustainable education.
- Supporting initiatives that contribute to improving business sustainability and the quality of public services for the governmental and private sectors.
- Developing a road map for sustainable development in the region beyond the COVID-19 pandemic.

Conference Topics
First Topic Climate Changes:
The conference discusses solutions and contributions to:

- Improving the environment and development.
- Addressing the causes and finding solutions.
- Improving the agricultural impact and irrigation.
- Addressing the problem of drought.
- Enhancing food and water security.
- Global warming, carbon footprint, and harmful emissions.

Second Topic Renewable Energies:
One of the most important goals of sustainable development is to provide clean and affordable energy.

- Renewable and clean energy technologies (solar energy, hydropower, hydrogen fuel).
- Energy-saving solutions.
- Reducing the use of fossil fuels.
- Electronic sensors and remote sensing systems.

Third Topic Health Development and Health Indicators:
Fighting the contagious and noncontagious diseases.

- Decrease the mortality rate of pregnant women and children under five years of age.
- Mental Health.
- Climate change and its impact on health.
- Community health and ways to promote it.

Fourth Topic Governance and Good Governance for Sustainable Economic Development:
Transparency and anti-corruption.

- Human rights: civil, cultural, economic, political, and social.
- Economic development and its sustainability.
- Rule of Law Legislation and Application.
- Green administrative and organizational practices.
- Support sustainable development through clean production practices.

Fifth Topic Sustainable Education:
Achieving inclusive and quality education for all confirms the conviction that education is one of the most powerful and stable means of achieving sustainable development. In its fifth topic, the conference will discuss contributions to:

- Technology for Education.
- Employing education for sustainable development and how to apply it.
- Continuing Education, literacy: problems and solutions.

International Committee:

- Dr. Talal Yusuf: Central Queensland University – Australia
- Dr. Ali Al-Ahmer: Auburn University – USA
- Dr. Jonathan Barrett: University of Leicester – UK
- Dr. Emad Al-Mahdawi: Midkent College Training Services-UK
- Dr. Mohamed M. Awad: Mansoura University – Egypt
- Dr. Khalid Saleh / University of Southern Queensland – Australia
- Dr. Rael Al-Rhailat: Taif Technical University (TTU) – Jordan
- Dr. Ghassan Fadi Al-Dweiri: International College of Eng & Mgmt- Oman
- Dr. Daniel Eboadagbe: University of Southern Queensland – Australia
- Dr. Houssein Laidoudi: University of Science and Technology of Oran – Algeria
- Dr. Jamal Alkhathib: University of Wolverhampton – UK
- Dr. James Hobkirk / University of Hull – UK

Preparatory Committee:

- Dr. Mohammed Almutairi / ATU / Chairman
- Dr. Faris Mohammed Ali / ATU / Member
- Dr. Bashar J. Hamza / ATU / Member
- Dr. Mohit Kumar Kakkar: Chitkara University / Member
- Dr. Mubdi Hafif Kadhum Abouabooq / ATU / Member
- Dr. Ali Najah Al-Shamuni / ATU / Member
- Dr. Ahmed Razaq Al-Manae / ATU / Member
- Dr. Gurpreet Singh: Chitkara University / Member
- Dr. Mustafa Kadhim Taqi Aljousfi / ATU / Member
- Muneem M. Abboud/ATU/Member

Scientific Committee:


- Dr. Ahmad Ghasan Wadday / ATU / Chairman
- Dr. Adheer Kadhim Ibad / ATU / Member
- Dr. Dhafer: Mamea Hachim Al-Hassawi / ATU / Member
- Dr. Mohit Kumar Kakkar: Chitkara University / Member
- Dr. Fadhi Abdul Abbas Abidi / ATU / Member
- Dr. Ali Najah Al-Shamuni / ATU / Member
- Dr. Ahmed Razaq Al-Manae / ATU / Member
- Dr. Gurpreet Singh: Chitkara University / Member
- Dr. Dhurgham Hassan Abul / ATU / Member
- Dr. Dedy Adhara: University Sriwijaya, Indonesia / Member

Paper Submission & Registration:
Authors are invited to submit their original papers online through Conference website. Only electronic paper submission will be considered. For paper submission and registration details refer conference website:
<https://icasdg.atu.edu.iq>

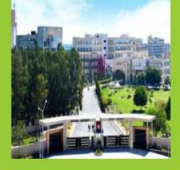
*Registration and paper submission is free for Authors at the following link:
<https://icasdg.atu.edu.iq/submit-your-paper>
However, Following publication charges are applicable upon acceptance of the papers:

Participants	Registration Fee (USD)	Paper Submission Fee (USD)	Publication Fee (USD)	Conference Fee (USD)	Total Fee (USD)
Author	0	0	0	0	0
Reviewer	0	0	0	0	0
Editor	0	0	0	0	0
Chairman	0	0	0	0	0

Review Process, Publication and Indexing
All the submitted papers shall be checked for plagiarism, blind reviewed by experts on the basis of originality, significance and research contribution. Accepted papers will be published in Scopus indexed Journals.



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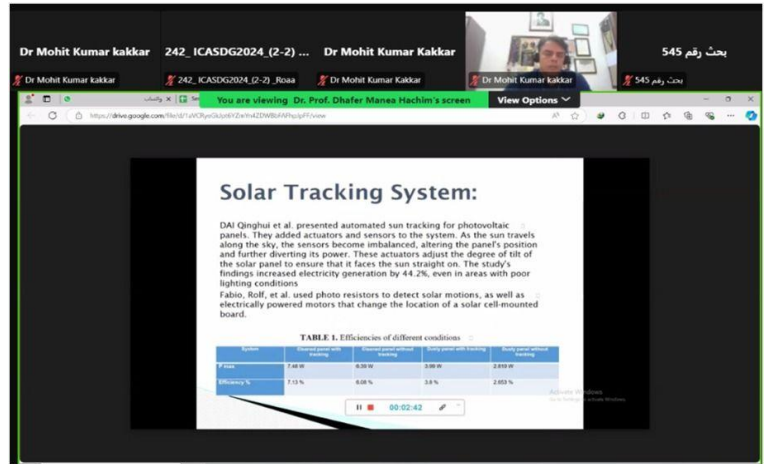
Conference Website: <https://icasdg.atu.edu.iq>

Conference Email: icasdg@atu.edu.iq

Telegram Channel: @ICASDG

Mob: +918194916191





Event Details	
Event Type	Environment or Green Initiative
Topic	Green and Clean Planet
Date	2024-09-25 to 2024-09-25
Mode	Offline
Organizer Name	Dr. Rajvir Singh, Associate Professor, DECE
No. of Participants	39
SDG No	SDG 13: Climate Action, SDG 15: Life on Land

Objective

The experience of conduct and participation in the event will enable the students to

1. Develop awareness about the need to maintain clean and green environment
2. Engage in the community initiatives related to environmental concerns
3. Cultivate a socially responsible behavior towards environment
4. Indulge in hands-on activities to contribute towards clean and green surroundings

Description

To commemorate the birth anniversary of Mahatma Gandhi, the Department of Electronics and Communication Engineering (ECE) in association with the National Service Scheme (NSS) observed the "Swachhata Pakhwada" by conducting a tree plantation drive. The event was held on the theme of "Green and Clean Planet," aligning with the values of cleanliness and environmental responsibility that Gandhiji advocated. The plantation drive saw enthusiastic participation from both the NSS volunteers and faculty members of the ECE department. The primary objective of this initiative was to foster a sense of responsibility among students and staff toward maintaining a sustainable, green, and clean environment. By planting saplings, the participants aimed to contribute to a healthier ecosystem and to combat the growing challenges of pollution and deforestation. During the event, the volunteers were actively involved in planting various species of saplings around the campus. They were guided by experienced faculty members who shared valuable insights on the significance of tree plantation in maintaining ecological balance. The drive emphasized the role of trees in improving air quality, reducing carbon footprints, and enhancing biodiversity. The Head of the ECE department addressed the participants, highlighting the importance of taking small yet impactful steps towards environmental conservation. She further encouraged the students to not only plant trees but also to take responsibility for nurturing them. This initiative was seen as part of a broader goal of the institution to raise awareness about the need for environmental sustainability and to inspire students to take part in similar green initiatives. In

addition to tree planting, the event underscored the importance of cleanliness as part of the Swachhata Pakhwada. The volunteers also participated in a campus cleanup activity, ensuring that the surroundings were free from litter and waste. The combined effort of planting trees and cleaning the environment resonated with the theme of “Clean and Green Planet,” emphasizing the interconnection between greenery and cleanliness in creating a healthy living environment. The plantation drive concluded on a positive note, with the students and faculty pledging to continue their efforts in preserving and promoting a green environment. The event not only served as a tribute to Gandhi's vision of cleanliness but also as a meaningful step toward building a more sustainable future for generations to come.

Outcomes

1. Increased Environmental Awareness
2. Enhanced Sense of Social Responsibility
3. Improved Campus Greenery
4. Community Building and Teamwork
5. Sustainable Practices Encouraged



Event Details	
Event Type	Competition
Topic	Budding server of the Year 2024
Date	2024-09-27 to 2024-09-27
Mode	Offline
Venue	Basic Training Restaurant, Escoffier Block
Organizer Name	Chitkara College of Hospitality Management
No. of Participants	14
SDG No	SDG 3: Good Health and Well-being, SDG 4: Quality Education, SDG 8: Decent Work and Economic Growth, SDG 12: Responsible Consumption and Production, SDG 13: Climate Action

Objective

1. To enhance 1st-year students' skills in food and beverage service.
2. To foster creativity in mocktail preparation using local ingredients.
3. To promote sustainability and support for regional produce through the "VOCAL for LOCAL" theme.
4. To provide a competitive platform for students to showcase their service abilities.
5. To celebrate World Tourism Day by highlighting hospitality service excellence.

Description

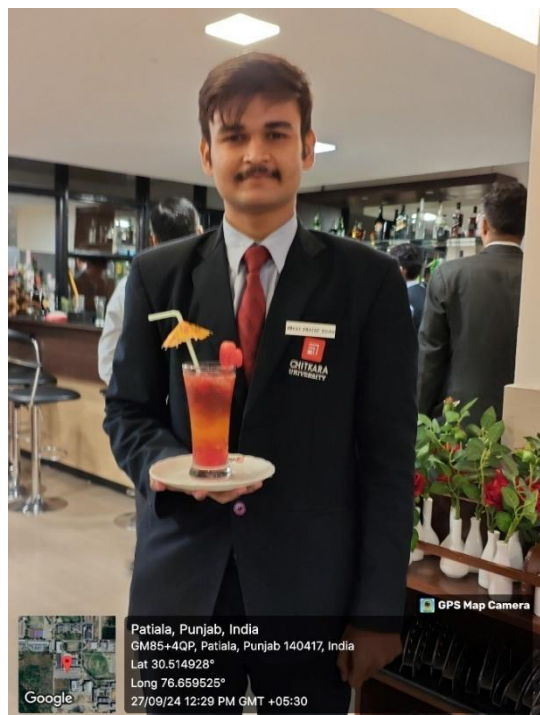
On 27th September 2024, in celebration of World Tourism Day, Chitkara College of Hospitality Management organized an exciting Server Competition exclusively for its 1st-year students. Titled the "Budding Server of the Year 2024," the event took place at the Basic Training Restaurant and Spice Root Restaurant in the Escoffier Block, starting at 9 am. The competition was designed to help students demonstrate and hone their food and beverage service skills, setting the stage for their journey in the hospitality industry. The competition consisted of two challenging rounds: the Server's Marathon and Mocktail Preparation, both carefully curated to test the participants' abilities in various aspects of food and beverage service. In the first round, Server's Marathon, students had to display their speed, precision,



and professionalism while managing real-time service tasks. It was designed to test their ability to balance efficiency with maintaining high service standards, as they performed tasks such as table setting, order taking, and beverage service. Competitors were judged on their agility, accuracy, and composure under pressure, crucial skills for any future server. The second round, Mocktail Preparation, revolved around the theme “VOCAL for LOCAL.” This round challenged students to create innovative mocktails using local ingredients, promoting sustainability and celebrating regional flavors. It pushed students to think creatively and integrate the richness of local produce into their beverage designs. The mocktails not only had to be visually appealing but also refreshing and flavorful, showcasing the diverse flavors of the local community. The competition was judged by Mr. Gulshan Sharma, Food & Beverage Service Manager at Holiday Inn, Zirakpur. With his industry expertise, Mr. Sharma assessed the students based on their creativity, technical execution, and adherence to the theme. This competition offered 1st-year students a valuable platform to sharpen their skills and gain real-world insights, preparing them for future roles in the hospitality industry.

Outcomes

1. Students improved their food and beverage service skills.
2. Creativity in using local ingredients for mocktails was successfully demonstrated.
3. Increased awareness of sustainability and the importance of supporting local produce.
4. Students gained practical experience in a competitive, real-world environment.
5. The competition highlighted the talent and potential of 1st-year hospitality students.



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.



Star Awards 2024

Housekeeper
OF THE YEAR

On the occasion of World Tourism Day

Date : 27th September, 2024

Time : 09:00 AM Onwards

Venue : Housekeeping Lab 1,2,3,
Third floor, Escoffier Block.

Organised by:
Chitkara college of hospitality management
in collaboration with centre of excellence
for sustainability



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.



Event Details	
Event Type	Competition
Topic	Server of the Year 2024
Date	2024-09-27 to 2024-09-27
Mode	Offline
Venue	Basic Training Restaurant, Escoffier Block
Organizer Name	Chitkara College of Hospitality Management
No. of Participants	24
SDG No	SDG 3: Good Health and Well-being, SDG 4: Quality Education, SDG 8: Decent Work and Economic Growth, SDG 12: Responsible Consumption and Production, SDG 13: Climate Action

Objective

1. To enhance 2nd and 3rd-year students' food and beverage service skills.
2. To promote creativity in mocktail preparation using local ingredients.
3. To encourage the practice of sustainability through the "VOCAL for LOCAL" theme.
4. To provide a competitive platform for students to showcase their service and culinary abilities.
5. To celebrate World Tourism Day by fostering excellence in hospitality service.

Description

On 27th September 2024, Chitkara College of Hospitality Management marked World Tourism Day with a special *Server Competition* for its 2nd and 3rd-year students, titled "Budding Server of the Year 2024." The event, named *Service Savvies*, took place at the Basic Training Restaurant and Spice Root Restaurant in the Escoffier Block, starting at 9 am. This competition aimed to challenge students and enhance their expertise in food and beverage service, helping them prepare for their future roles in the hospitality industry. The competition unfolded over two distinct and challenging rounds: the *Server's Marathon* and *Mocktail Preparation*. In the first round, *Server's Marathon*, students were tested on their agility, precision, and speed in managing table service. This round demanded



that participants maintain composure while delivering high standards of service, showcasing their technical skills in setting tables, handling orders, and serving beverages. The round simulated a high-pressure restaurant environment, where students had to demonstrate not only their service proficiency but also their ability to work swiftly and efficiently. The second round, *Mocktail Preparation*, was centered around the theme *“VOCAL for LOCAL.”* Here, students were encouraged to incorporate locally sourced ingredients in their mocktail creations, highlighting the richness of indigenous flavors. This round emphasized creativity, sustainability, and the importance of promoting local produce. Competitors presented innovative and visually appealing mocktails that celebrated regional ingredients, reflecting both their technical prowess and commitment to the local community. The competition was judged by Mr. Gulshan Sharma, Food & Beverage Service Manager at Holiday Inn, Zirakpur. His expertise was invaluable in evaluating the students on creativity, technical skill, adherence to the theme, and overall presentation. This event provided an invaluable platform for 2nd and 3rd-year students to apply their knowledge and skills in a real-world context, fostering growth, innovation, and confidence in their abilities as future hospitality professionals.

Outcomes

1. Students demonstrated improved food and beverage service skills.
2. Creative use of local ingredients in mocktail preparation was successfully showcased.
3. Increased awareness of sustainability and local sourcing in hospitality practices.
4. Students gained practical experience and confidence in a competitive setting.
5. The event highlighted the talent and professionalism of 2nd and 3rd-year hospitality students.



EVENT:	Lake Cleanup Awareness Drive		
Date / Time:	28 th Sept, 2024 / 5 pm Onwards	Mode:	Offline
Location / Link:	Village Jhansla, Rajpura Tehsil, Patiala District, Punjab		
Activity In-charge:	Mr. Manohar Lal		
No. of Participants:	14 cadets, 3 Faculty members with other participants		
SDG:	4. Quality Education; 6. Clean Water and Sanitation; 13. Climate Action; 14. Life Below Water; 17. Partnership for the Goals		

Brief Description

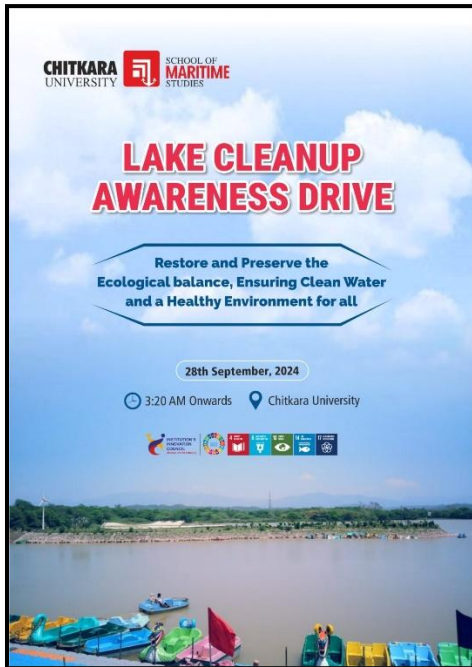
On September 28, 2024, the cadets of Chitkara University School of Maritime Studies (CUSMS) organized a **Lake Cleanup Campaign at Jhansla village**, in alignment with the Government of India's "Swachhata Hi Seva" initiative. The event commenced at 5 p.m. and brought together not only a group of highly motivated cadets, embodying the spirit of environmental responsibility and community service but also other on-lookers from around.

The cleanup campaign aimed to address the increasing pollution and waste accumulation in the village lake, which serves as a vital resource for the local population. Armed with trash bags, and a shared commitment to improving the environment, the CUSMS cadets worked tirelessly to remove debris, plastic waste, and other non-biodegradable materials that had accumulated around the lake and in its waters. Their efforts not only contributed to improving the aesthetic and environmental quality of the lake but also underscored the importance of preserving natural resources.

This initiative is part of a broader commitment by CUSMS to contribute to community welfare and sustainability efforts. The cadets, in addition to their maritime training, are actively involved in social responsibility projects that make a tangible difference in local communities. The event at Jhansla not only enhanced the cleanliness of the lake but encouraged other people to join in. It also raised awareness among the villagers about the importance of maintaining a clean and sustainable environment.

The "Swachhata Hi Seva" campaign, led by the Government of India, emphasizes cleanliness as a means of national service. The involvement of CUSMS cadets in this movement reflects the institute's dedication to instilling values of discipline, responsibility, and environmental stewardship in its cadets. Through this initiative, CUSMS continues to foster a sense of civic

duty among its students, ensuring they are not only trained professionals but also responsible citizens who contribute to societal well-being.



Poster for the Event



Clean-up Drive on 28-Sep-2024



Briefing by Mr. Manohar Lal on the safety aspects and precautions to be taken at Jhansla on 28-Sep-2024



Cadets along with village people cleaning the surroundings on 28-Sep-2024



SDG 13 (CLIMATE ACTION) JULY 24 – JUNE 25

Event Name: -	Swachhata hi Sewa Campaign
Venue: -	Govt High Smart School, Thuha and Govt Sr Sec School Jhansla
Date: -	31 st September & 1 st October, 2024
SDG Number, Name and NEP: -	3- Good Health and Well Being, 4-Quality Education, 13- Climate Action and 15-Life on Land, NEP: - 1
Organized By: -	National Service Scheme, Chitkara University, Punjab
Number of Participants: -	225
Duration: -	Two Days

“Cleanliness is the foundation upon which a healthy mind and body thrive.”

On 30th September 2024, the National Service Scheme and the Centre of Excellence for Sustainability, Chitkara University, Punjab, brought the **Swachhata Hi Seva Campaign** to **Govt. Smart School, Thuha**. This initiative aimed to burgeon a culture of cleanliness and responsibility within the community.

The day unfolded with an impactful blend of activities as **NSS Volunteers** took charge, supported by the dedicated team from administration. They led an invigorating cleanliness drive, turning a simple chore into a collective mission. The vibrant energy of the volunteers was palpable as they engaged the school community in various tasks, transforming the environment into a cleaner, healthier space.

Adding to the day's significance, the volunteers performed a captivating **nukkad natak, a street play** that highlighted the importance of hygiene and sanitation. Their lively performance served a dual purpose of entertaining and educating the audience, reinforcing the message that cleanliness is essential for both personal well-being and community health.

United in a pledge to uphold hygiene, the NSS Volunteers inspired all those present to take ownership of their surroundings. Their enthusiasm resonated throughout the event, instilling a sense of responsibility and pride in every participant. This collective effort to promote cleanliness beautified the school and fostered a spirit of collaboration and commitment among students, teachers, and community members.

As the day came to a close, the participants left with a renewed sense of purpose, ready to carry forward the ideals of cleanliness and sustainability in their daily lives. The Swachhata

Hi Seva Campaign at Govt. Smart School, Thuha, marked a significant step toward building a healthier and more conscientious community, proving that together, collective action can create a cleaner and brighter future.



SDG 13 (CLIMATE ACTION) JULY 24 – JUNE 25

Event Name	Swachhta Abhiyan @ Hostels & Messes
Date	1-2 October 2024
Venue	All Hostels & Messes
Organizer	Centre of Excellence for Sustainability in collaboration with The Office of Residential Services
Participants	31
SDGs Covered	13, 15
Duration	2 Days

About the Activity

On October 1st and 2nd, 2024, Chitkara University's Centre of Excellence for Sustainability, in collaboration with the Office of Residential Services, successfully organized the "Swachhta Abhiyan @ Hostels & Messes " event. This event was dedicated to promoting cleanliness and environmental awareness across the university campus. The event spanned multiple locations, primarily targeting all hostels and messes, in an effort to foster a cleaner and healthier living environment for students and staff alike.

Objectives

The main objectives of the Swachhta Abhiyan were to:

6. **Raise Awareness:** Educate students and campus residents about the importance of cleanliness, sustainability, and their impact on the environment.
7. **Encourage Active Participation:** Motivate residents to participate actively in keeping their living areas and surroundings clean.

Instill Responsibility: Foster a sense of responsibility among students to maintain a clean and sustainable environment within the campus



Judging Criteria and Results

The judging panel consists of nine exceptionally talented and dedicated ambassadors of cleanliness from our campus - Dr. Jaiteg Singh – (Pro VC, Dept. of Computer Applications), Mr. Amit Vashishth – (Director. CCHM), Dr. Vijay Kumar Jadon – (Prof. Department of Mechatronics), Dr. Kanika Bansal– (Prof. CSPA), Dr. Sonika Bakshi– (Prof. Allied Health Science), Dr. Sangeeta Pant – (Prof. Department of Education), Dr. Adarsh Kumar Aggarwal– (Prof. CIIF), Dr. Aarti Joshi – (Prof. CUPDC) and Dr. Ajay Goyal (Prof. & Head – Dept. of Civil Engineering)

The judging panel selected for their commitment to sustainability and their leadership roles at Chitkara University, evaluated the efforts based on:

1. **Cleanliness and Organization:** How well each team managed the cleaning tasks in their designated areas.
2. **Sustainability Practices:** Implementation of sustainable practices, such as proper waste segregation and minimal use of disposable items.
3. **Team Spirit and Enthusiasm:** The level of teamwork and enthusiasm shown by participants.

Conclusion

The judges commended the participants for their dedication and teamwork. They noted that the enthusiasm displayed by students in ensuring a clean and healthy environment was inspiring. They also appreciated the participants' innovative approach to waste management, with several teams implementing creative ideas for reusing materials and reducing waste. This demonstrated the potential of students to bring about positive change within their community when given the right support and encouragement

"The more we care for the Earth, the more it cares for us in return."

In the spirit of this truth, on the quiet morning of **1st October 2024**, **NSS Volunteers** from **Chitkara University, Punjab**, made their way to the **adopted village of Jhansla**, carrying with them the weight of a simple yet profound task. As part of the **Swachhata Hi Seva Campaign**, the day unfolded with purpose at **Gov. Sen. Sr. School, Jhansla**, where the volunteers joined hands with the **Gardening Team of Mr. Raza**. Together, they set out to turn the soil and plant the seeds of what they hoped would be a greener tomorrow.

There's a certain reverence in planting a tree; the way the earth seems to soften, the way hands find meaning in something as humble as placing roots into soil. Every sapling stood as a quiet promise, a testament to patience and persistence. These were not just trees; they were gestures toward a future where the air might be cleaner, the shade might be kinder, and the landscape might flourish under careful watch. It's an act that goes beyond the immediate, reaching into the years yet to come, whispering of care and continuity.

The event didn't stop at the tree line. It went further, with a solemn oath-taking ceremony where every volunteer vowed to protect the earth they had touched. These words, though spoken in unison, carried individual commitments, as each voice mingled with the breeze, echoing the intent to nurture what had been started that day.

The cleanliness drive, too, was part of this silent revolution, where hands that planted trees turned to sweep paths and gather what others had left behind. It wasn't grand, it wasn't loud, but it was deliberate; a gesture that stretched far beyond the borders of the schoolyard.

By day's end, the saplings stood in their rows, small but unwavering, much like the volunteers themselves. In time, both would grow, and long after the day had passed, both would remain, rooted deeply in the promise of a shared future



SDG 13 (CLIMATE ACTION) JULY 24 – JUNE 25

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 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	Explorium
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 Details	
Event Name	Expert Talk
Topic	Reinstallation of ISHRAE Student Chapter and Expert talk on Decarbonization
Date	2024-10-22 to 2024-10-22
Mode	Offline
Venue	Ground floor
Organizer Name	MECHANICAL ENGINEERING
Resource Person	Mr. Vijay Kumar President, ISHRAE Chandigarh
No. of Participants	31
SDG No	SDG 4: Quality Education, SDG 13: Climate Action

Objective

1. Students will learn about the importance of decarbonization.
2. Students will learn about the importance of sustainable solutions.
3. Students will learn about the basics of HVAC.
4. Students will gain knowledge about the concepts of sustainable Air -conditioning.

Description

The ISHRAE Student Chapter at Chitkara University held an oath-taking ceremony for its newly appointed core committee members. The event commenced with a warm welcome extended to the ISHRAE Chandigarh Chapter team by the Dean of Mechanical Engineering. The President of ISHRAE Chandigarh Chapter facilitated the oath, officially inducting the student core committee members and encouraging them to actively contribute to chapter activities. The ceremony was followed by an expert talk on decarbonization by Dr. Vijay Kumar, who guided the students on the significance of reducing carbon emissions and adopting sustainable practices in engineering. The event concluded on a positive note, with students expressing enthusiasm for future initiatives under the ISHRAE Student Chapter. The presence of industry experts and faculty leadership motivated the students to actively participate in environmental and HVAC-related activities.

Outcomes

1. students understand the importance of reducing carbon emissions and its impact on climate change.
2. To inspire students to adopt eco-friendly habits and contribute to Decarbonization efforts

in their daily lives.

3. To familiarize students with the latest technologies, such as electric vehicles, solar energy, and carbon capture methods.

4. Students learnt about the importance of sustainability.



Title of the Event:	UN Day Celebration		
Date of the Event:	24 th 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



Event Name	UN Day Celebration
Date	24 October,2024
Mode	Offline
Organizer Name	Centre of Excellence for Sustainability
Number of Startups	4
SDG No.	3,5,8,12

Report on CEED Startups and their Contribution to SDG Goals Presented at UN Day (24th October,2024)

Objective

The objective of this report is to showcase the impact of CEED startups in addressing key global challenges and contributing to the United Nations Sustainable Development Goals (SDGs). These startups are innovating solutions across healthcare, sustainability, and social empowerment. Their efforts focus on improving health outcomes, reducing environmental impact, and fostering economic growth, with a specific emphasis on creating positive change within Chitkara University and beyond. By integrating advanced technologies and sustainable practices, these startups are actively working towards achieving SDG 3 (Good Health and Well-being), SDG 12 (Responsible Consumption and Production), SDG 5 (Gender Equality), SDG 8 (Decent Work and Economic Growth), and SDG 13 (Climate Action).

Description

The CEED startups have developed unique models that target critical societal issues through innovation and social impact:

1. **Health and Well-being Solutions:** Several startups focus on improving public health through technology-driven solutions. These include platforms that use AI and GPS to connect blood donors with patients in emergencies, and mental health platforms that use gamification and AI to provide personalized care. Additionally, food startups are ensuring students have access to healthy, nutritious meals, combating the reliance on junk food with affordable and hygienic home-cooked alternatives.

2. **Sustainability and Circular Economy:** In line with SDG 12, these startups are committed to sustainable practices. For example, some use eco-friendly packaging made from sugarcane waste and cornstarch, minimizing plastic waste. Others are repurposing discarded materials, such as temple flowers, into beautiful resin jewellery, promoting a circular economy. By reducing waste and embracing sustainable production methods, they are actively contributing to environmental conservation.
3. **Empowering Marginalized Communities:** Several of these startups focus on empowering marginalized groups, especially women, through skill development and entrepreneurship. Women artisans are being trained to create high-quality products, which not only provide them with financial independence but also encourage women's leadership in the workforce. By creating job opportunities and fostering inclusive growth, these ventures are driving social and economic equity.



SDG 13 (CLIMATE ACTION) JULY 24 – JUNE 25

Event Name	LET'S GET SET ...GO....TO THE SUSTAINABILITY FAIR
Date	24 th 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.

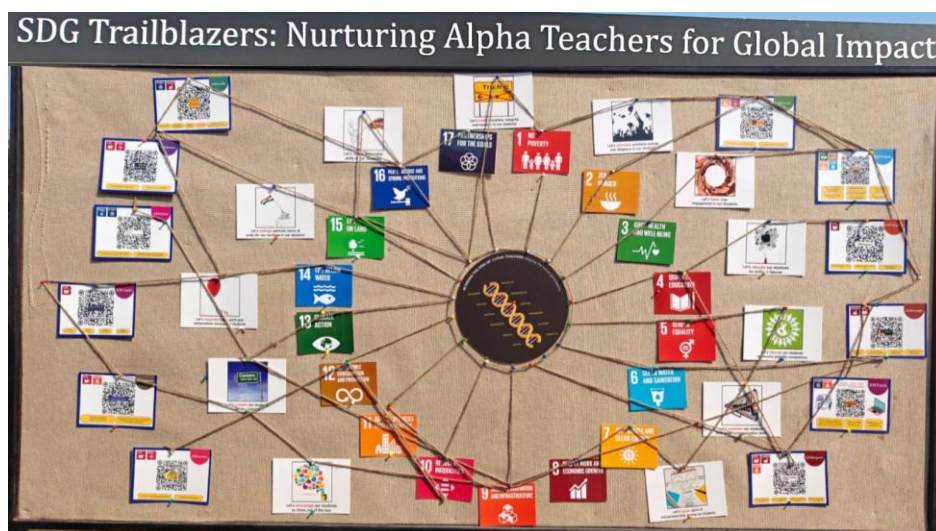
The Department of Education, Chitkara University had the opportunity to exhibit posters and infographics on a variety of scholastic and co-scholastic activities incorporated into its curriculum to positively impact the achievement of the UN Sustainable Development Goals under the theme, ***“SDG Trailblazers: 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 students to learn from each other and appreciate the collective efforts towards sustainability.



ACTIVITY REPORT: UN DAY 2024 CELEBRATIONS

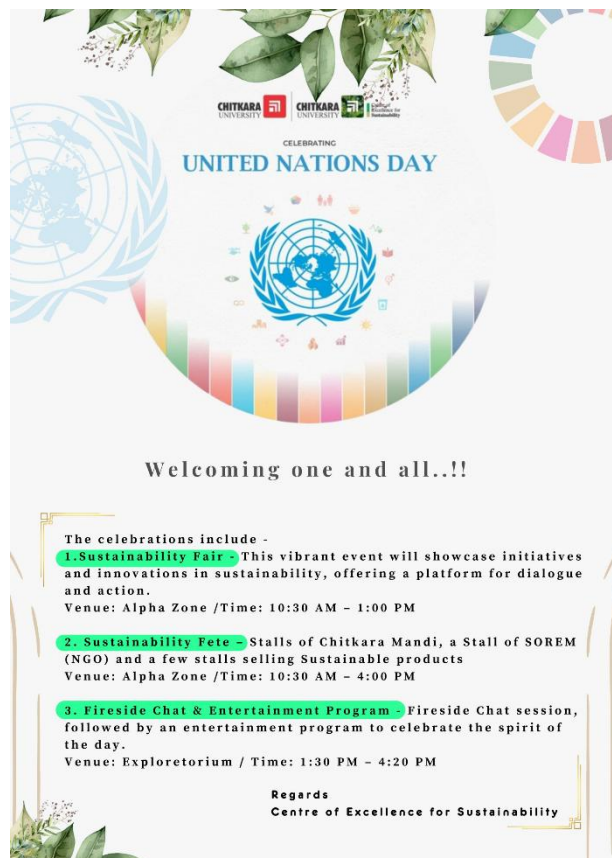
Name of Activity	UN DAY 2024 CELEBRATIONS
Name of Organizing Institute	Centre of Excellence for Sustainability in collaboration with Go Global
Mode	Offline
Date	24 Oct 2024
Duration	One Day
Venue:	Alpha Zone and Exploratorium
SDG	All SDGs

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.



1. Highlight the Importance of UN Day and SDGs Awareness

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.

2. 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.

1. 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.

2. 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.

3. 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.

4. 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.

5. 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:

1. Selling sustainable merchandise (eco-friendly products, upcycled items) -
2. Hosting activities that promote sustainability (workshops, demonstrations)

3. 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:

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

CHITKARA UNIVERSITY

STALL AT SUSTAINABILITY FETE

Topic	Sustainability Stalls
Date	24th October, 2024
Venue	Beta & Delta Ground
SDG	8, 9 & 12
Time	09:30 AM – 4:00 PM

Deadline: 21st October

Click / Scan the QR for Registration & Payment

Organised by: Centre of Excellence for Sustainability



The graphic features a green background with a central illustration of a green globe with a leaf sprout. To the left is a green electrical plug, and to the right is a green shopping bag. Below the globe is a QR code. The text 'STALL AT SUSTAINABILITY FETE' is prominently displayed at the top.

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.

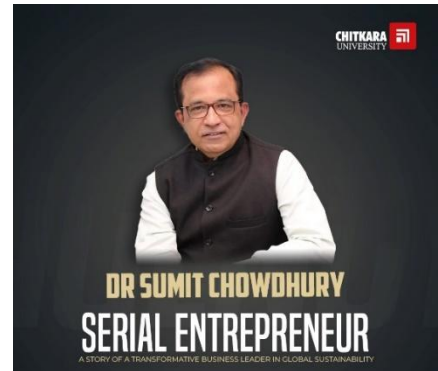


FIRESIDE CHAT



SDG 13 (CLIMATE ACTION) JULY 24 – JUNE 25

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



SDG 13 (CLIMATE ACTION) JULY 24 – JUNE 25

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



SDG 13 (CLIMATE ACTION) JULY 24 – JUNE 25

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.



INAUGURATION 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.



Event Details	
Event Type	Social Event
Topic	SAANJ'H: Diwali Celebrations
Date	2024-10-25 to 2024-10-25
Mode	Offline
Organizer Name	Dr Shaminder kaur, DECE, Chitkara University, Punjab
Resource Person	Dr Shaminder kaur Associate Professor
No. of Participants	42
SDG No	SDG 3: Good Health and Well-being, SDG 13: Climate Action

Objective

1. Victory of Light over Darkness: Diwali symbolizes the triumph of good over evil, represented by the return of Lord Rama to Ayodhya after defeating Ravana.
2. Renewal and New Beginnings: It marks the start of the new year in many Indian cultures, signifying new beginnings and fresh starts.
3. Cultural Celebration: It showcases rich cultural traditions, including fireworks, rangoli designs, and traditional sweets, fostering a sense of identity and heritage.
4. Spiritual Gathering: Diwali is an occasion for spiritual reflection and renewal.



Description

The Department of Electronics and Communication Engineering, in association with the EBUZZ Club, hosted Saanjh 2024, an event that celebrated the spirit of Diwali with tradition and community on 25th October 2024 in Alpha ground. The event commenced with a ceremonial Pooja in the foyer of the Edison Block, offering an auspicious beginning to the celebrations. A diverse range of 20 stalls, including 7 sponsored by Golzza, Trendy Tees, Venky, Barista, Punjab13, and South Circle, presented Diwali-themed items, handicrafts, and refreshments, attracting a footfall of approximately 2500 attendees and creating a lively, engaging atmosphere. Saanjh, meaning "twilight" or "dusk", is an apt name for our annual Diwali celebration. It symbolizes the transition from darkness to light, mirroring the essence

of Diwali where the evening is illuminated with lights and joy. This year's Saanjh promised to be a vibrant and memorable event, filled with traditional and fun activities. Diwali is a celebration of joy, hope, and spiritual growth. It brings families and communities together, promotes positive energy, and reinforces values such as love, faith, and prosperity. Through its vibrant rituals, Diwali has become a universally recognized festival that brings light to the lives of millions worldwide. Diwali, also known as Deepavali, is one of the most significant and widely celebrated festivals in India and among Hindu communities around the world. It is a festival of lights, symbolizing the triumph of light over darkness, good over evil, and knowledge over ignorance. Diwali usually lasts for five days and typically falls between October and November, depending on the lunar calendar. Diwali, the Festival of Lights, is one of the most celebrated festivals in India, marking the triumph of light over darkness and good over evil. In college, Diwali celebrations are vibrant, joyful, and filled with cultural activities. The event typically begins with a decorating competition where students adorn classrooms and common areas with colorful rangoli, fairy lights, and diyas (oil lamps), creating a festive atmosphere. Cultural performances, such as traditional dance, music, and drama, showcase the richness of Indian heritage. Sweet exchanges, Diwali-themed games, and competitions like best-dressed contests or card games add to the fun. Students also gather for a puja (prayer ceremony), offering prayers for prosperity and well-being. The event often concludes with a feast of festive foods like sweets and snacks, and the distribution of gifts or small tokens among friends and faculty. Diwali celebrations in college bring students together, fostering unity, tradition, and a spirit of joy and camaraderie.



Outcomes

1. Cultural Exchange: Diwali serves as an opportunity for people of different backgrounds to learn about and appreciate Indian culture, fostering inclusivity.
2. Skill Development: Students may gain new skills through learning techniques they applied on selling products on their various stalls.
3. Encouraged participation in cultural events, leading to more frequent celebrations of traditions and heritage.
4. Spiritual Growth: Many engage in reflection and prayer, leading to personal growth and a strengthened connection to spiritual beliefs.



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
SDG Covered	4,9,11,12
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



CHITKARA UNIVERSITY

CHITKARA DESIGN SCHOOL

Chitkara Design School
In collaboration with
Office of Infrastructure Development
is organizing a workshop on

Paper Revive:

Crafting Experimental Sustainable Papers

Resource Persons:
Sanjeev Bhardwaj
Associate Director,
Office of Infrastructure Development
Dr. Gurpreet Singh Saggu
Manager,
Sustainability
Office of Infrastructure Development

📅 29th and 30th August 2024
🕒 09:20 AM to 4:20 PM
📍 Paper Recycling Unit, Chitkara University

Organized by:
Department of Communication Design

SDG 4, 9, 11, 12

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.



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, 11 and 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.

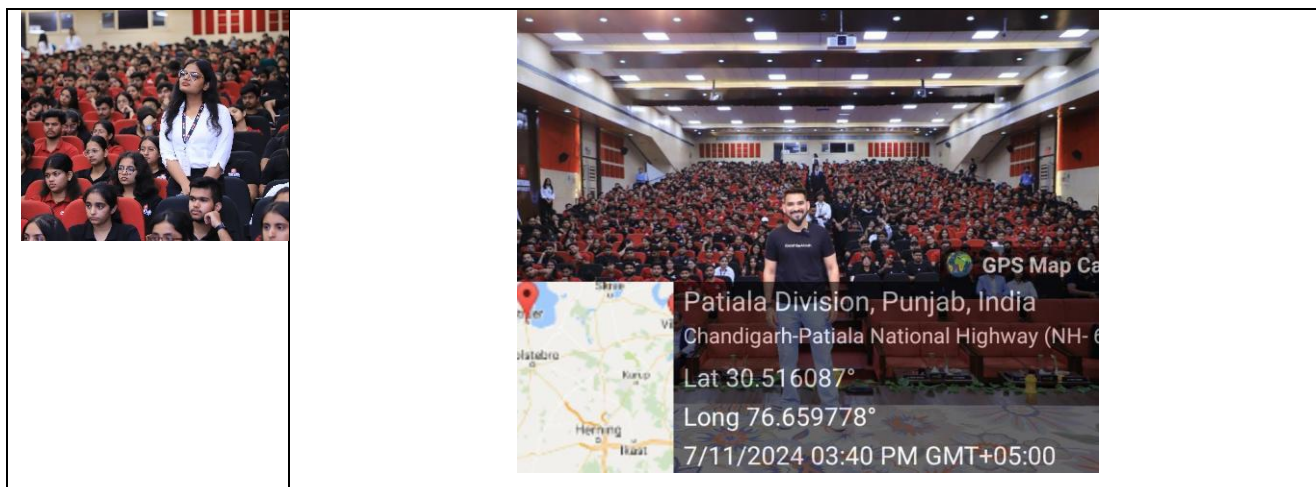




Title: Impact and Innovation: Sustainable Solutions for Tomorrow		
1	Type of Activity	Level-1 Activity
2	PROGRAM THEME (KEYWORDS)	Impact and Innovation: Sustainable Solutions for Tomorrow
3	LINK (Pre Link)	https://www.facebook.com/share/1DvSKo9Cxg/
	LINK (Post Link)	
4	Program Type	Knowledge Session
	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 & Contact Number:	Prashant Singh & 7060740487 prashant.s@chitkara.edu.in
Resource Person Details:	
Name:	Akash Gupta
Designation:	Co-Founder
Organization:	Zypp Electric
Mail ID:	N/A
Contact No.	N/A

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 Wadhvani 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,



CHITKARA UNIVERSITY | Centre for Global Education

Aerial Mobility: Navigating the Challenges and Opportunities of eVTOL

Date: 26th November, 2024 | **Time:** 10:00 AM to 12:00 NOON
Venue: Faraday Hall, Second Floor, Edison Block

Resource Persons

Kuljeet Sandhu
CEO
Nalwa Aero Pvt. Ltd.

Nelson Salas
CTO
Nalwa Aero Pvt. Ltd.

Conveners

Dr. Shivani Malhotra
Dean, Software Engineering
CUIET, Chitkara University, Punjab

Dr. Rubina Dutta
Academic Head, Software Engineering
CUIET, Chitkara University, Punjab

Faculty Coordinator

Dr. Sonam Aggarwal
Assistant Professor, ECE
CUIET, Chitkara University, Punjab

Organised by:
Centre for Global Education
Department of ECE
CUIET, Chitkara University, Punjab

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 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



CHITKARA UNIVERSITY | Centre for Global Education

VISIONARY PATHWAYS: A SYMPOSIUM ON INNOVATION, TECHNOLOGY, AND RESEARCH

Join us for an exciting event to showcase creativity, innovation, and research in the fields of Technology and Innovation! This symposium provides an excellent platform for students to present groundbreaking ideas and engage with experts in various domains through poster presentation.

19th December 2024 Time: 10:00 AM Onwards
Venue: Delta Ground

The Event Showcases Four Exciting Categories:

- Emerging Technologies for Sustainable Future
- IoT and VLSI
- EVs (Electric Vehicles) and eVTOLs (Electric Vertical Take-off and Landing)
- Artificial Intelligence/Machine Learning

Participation Guidelines:

- Open to individuals and teams (maximum of 5 members per team)
- Presentations should align with one of the four categories & demonstrate original ideas
- Poster should be in A3 size

Exciting Prizes
Await in Different Categories

Organized by
Teaching and Learning Centre
Department of Electronics and Communication Engineering
CUIET, Chitkara University, Punjab

For any query feel free to contact
Dr. Sonam Aggarwal
9996168922 | sonam.aggarwal@chitkara.edu.in

Scan the QR code
Last date to Register
17th December, 2024

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.



EVENT DETAILS	
EVENT TYPE	INNOVATION AND SKILL DEVELOPMENT
TOPIC	STUDENT VOLUNTEER FOR SIAM AT BHARAT MOBILITY GLOBAL EXPO 2025, NEW DELHI
DATE	2025-01-12 to 2025-01-24
MODE	OFFLINE
ORGANIZER NAME	DR RAJESH KUMAR NAROTA
NO. OF PARTICIPANTS	12
SDG NO	SDG 1: NO POVERTY, SDG 7: AFFORDABLE AND CLEAN ENERGY, SDG 8: DECENT WORK AND ECONOMIC GROWTH, SDG 9: INDUSTRY, INNOVATION AND INFRASTRUCTURE, SDG 13: CLIMATE ACTION

OBJECTIVE

- 1 To enhance students' understanding of road safety measures and emerging mobility technologies.
- 2 To offer students an opportunity to engage with industry professionals, fostering networking and career-building prospects.
- 3 To enable students to contribute to societal initiatives such as road safety awareness through active participation in the Surakshit Safar Pavilion's VR Zone.
- 4 To align academic learning with industry advancements, reinforcing the importance of sustainable and safe mobility solutions.

DESCRIPTION

Students from CUIET-Applied Engineering, Chitkara University Punjab, participated as volunteers for the Society of Indian Automobile Manufacturers (SIAM) at the prestigious Bharat Mobility Global Expo 2025, held at Bharat Mandapam, New Delhi, from January 12 to 24, 2025. This global platform showcased cutting-edge mobility solutions, sustainable innovations, and advancements in automotive technology, offering an invaluable learning opportunity for students. Our students played a vital role in the Surakshit Safar Pavilion's VR Zone, an interactive space designed to create awareness about road safety through immersive virtual reality experiences. Their responsibilities included guiding visitors through VR demonstrations, explaining the impact of safe driving practices, and highlighting emerging

road safety technologies such as Advanced Driver Assistance Systems (ADAS) and intelligent traffic solutions. Their active involvement in these activities reinforced the importance of adopting safety measures to prevent road accidents and ensure a secure transportation ecosystem. Beyond their volunteer responsibilities, students had the chance to explore various exhibits at the Bharat Mobility Expo. They gained insights into sustainable transportation solutions, including electric vehicles, hydrogen fuel cell technology, and next-generation battery advancements. Additionally, their interactions with industry experts and professionals allowed them to understand real-world challenges in mobility and sustainability, linking their academic learning to practical industry applications. Faculty members from the Department of Mechanical and Mechatronics Engineering also visited the expo, where they engaged with student volunteers and industry professionals. The enthusiasm and professionalism displayed by Chitkara University students were highly appreciated by SIAM and other stakeholders, emphasizing the university's commitment to industry-driven education and skill development. The students' participation at the Bharat Mobility Expo 2025 not only enhanced their technical knowledge but also instilled a sense of responsibility toward road safety and sustainable mobility. This experience provided them with a unique industry exposure that will undoubtedly contribute to their academic growth and future careers in the evolving field of automotive engineering. Chitkara University remains dedicated to bridging the gap between academia and industry through such engagements, ensuring that students gain the practical skills and knowledge required to excel in the modern mobility landscape.

OUTCOMES

- 1 Students gained valuable exposure to the latest innovations in mobility, sustainability, and road safety.
- 2 The volunteering experience improved students' interpersonal and communication skills through direct engagement with industry experts and event attendees.
- 3 Participation in the Surakshit Safar Pavilion's VR Zone enabled students to advocate for road safety awareness and the significance of technological interventions.
- 4 Students developed a better understanding of event management, teamwork, and professional responsibilities in a large-scale industry expo.
- 5 The event fostered academic-industry collaboration, opening potential avenues for internships, research projects, and further learning opportunities.



EVENT DETAILS	
EVENT TYPE	INNOVATION AND SKILL DEVELOPMENT
TOPIC	FACULTY VISIT TO BHARAT MOBILITY EXPO 2025, NEW DELHI
DATE	2025-01-21 to 2025-01-22
MODE	OFFLINE
ORGANIZER NAME	DR RAJESH KUMAR NAROTA, GAURAV KALIA
NO. OF PARTICIPANTS	3
SDG NO	SDG 9: INDUSTRY, INNOVATION AND INFRASTRUCTURE, SDG 11: SUSTAINABLE CITIES AND COMMUNITIES, SDG 13: CLIMATE ACTION, SDG 17: PARTNERSHIP FOR THE GOALS

OBJECTIVE

1. To explore advancements, innovations, and opportunities in the mobility sector at Bharat Mobility Expo 2025.
2. To engage with CUIET-Applied Engineering students participating as volunteers in SIAM (Society of Indian Automobile Manufacturers) and understand their contributions to the event.

DESCRIPTION

Dr. Rajesh Kumar, Professor, Department of Mechanical Engineering, along with Dr. Rajneesh Kumar, Assistant Professor, Department of Mechatronics Engineering, and Mr. Gaurav Kalia, Assistant Professor, Department of Mechanical Engineering, visited the prestigious Bharat Mobility Expo 2025 at Bharat Mandapam, New Delhi, on January 21-22, 2025. The event provided an excellent platform to explore the latest advancements in mobility and sustainability. Our visit covered various key exhibits, including the Sustainable Mobility Pavilion, where we observed cutting-edge innovations in electric and hydrogen-powered vehicles and eco-friendly urban mobility solutions aimed at reducing carbon footprints. At the Battery Technology Show, we explored next-generation lithium-ion batteries, solid-state batteries, and advanced battery management systems, which are crucial for improving EV performance, safety, and longevity. The Tyre Technology Show showcased advancements in sustainable and energy-efficient materials, with innovations such as airless tyres, which offer enhanced durability and require minimal maintenance. The Safe Journey Pavilion focused on road safety innovations, including advanced driver-assistance systems (ADAS), intelligent

traffic solutions, and safety equipment, reinforcing the importance of technology in ensuring safer transportation. A significant highlight of our visit was engaging with our students volunteering for the Society of Indian Automobile Manufacturers (SIAM). Their dedication and professionalism were commendable, reflecting their enthusiasm for the mobility sector and the practical exposure they gained through this experience. The expo provided valuable insights into the latest industry trends, aligning with our department's commitment to sustainable and innovative engineering solutions. The visit reinforced the need for academic-industry collaboration, opening avenues for future research, student projects, and curriculum advancements in the evolving field of mobility and sustainability.

OUTCOMES

1. Enhanced Understanding of Mobility Innovations:

- Gained insights into cutting-edge advancements in sustainable mobility, including electric and hydrogen-powered vehicles.
- Explored next-generation battery technologies and their role in enhancing EV performance.

2. Exposure to Industry Trends and Best Practices:

- Discovered the latest developments in tyre technology, such as airless tyres and sustainable materials.
- Learned about advanced driver-assistance systems (ADAS) and intelligent traffic solutions for road safety.

3. Academic and Industry Collaboration Opportunities:

- Identified potential industry partnerships and research areas related to mobility and sustainability.
- Explored technologies that could be integrated into academic curricula and student projects.

4. Student Engagement and Professional Growth:

- Interacted with students volunteering for SIAM, recognizing their contributions and learning experiences.
- Encouraged student participation in future industry events to bridge the gap between academia and real-world applications.



Event Name	Repurposing Plastic Bottles (Phase I)
Date	23 Jan 25 – 24 Jan 25
Venue	Chitkara Woods
Organizer	Centre of Excellence for Sustainability
Resource Person	Mr. Hamid Raza
Event Co-ordinators	Dr. Ravi Dandotiya, Mr. Aayush, Ms. Gurpreet Kaur
Student Co-ordinators	Ms. Rumani Singh, Ms. Akriti
Number of Participants	30
SDGs Covered	12,13

About the Activity

The Centre of Excellence for Sustainability organized a two-day workshop on Repurposing Plastic Bottles (Phase I) from 23rd to 24th January 2025. This innovative and eco-friendly initiative aimed to create awareness about plastic waste management and provide hands-on experience in creatively reusing discarded plastic bottles.

The workshop was conducted by Mr. Hamid Raza, Senior Horticulturist, who shared his expertise in horticulture and sustainable practices. Under his guidance, participants transformed plastic bottles into useful items such as flower pots, hanging pots, and decorative items. The session emphasized the importance of recycling and reducing plastic waste to protect the environment.

Event Highlights

A significant highlight of the workshop was the plantation activity. After crafting their eco-friendly pots, participants learned about plantation techniques from Mr. Raza. They then planted trees and plants in the pots they created, making the event both creative and impactful.

Conclusion

The workshop received an enthusiastic response from participants, who appreciated the opportunity to contribute towards sustainability in an engaging and practical way. This initiative not only fostered creativity but also instilled a sense



Workshop on Repurposing Plastic Bottles

"Every plastic bottle has the potential to be more than waste— Let's repurpose it into something useful and help reshape the future of our planet."

Limited Seats

EVENT SCHEDULE

Phase	Date	Activity	Duration	Time	Venue
Phase I	23-Jan-25	• Tips on repurposing Plastic Bottles • Creating Flower Vases	30 minutes	11 AM - 1 PM	Chitkara Woods
	24-Jan-25	• Creating Flower Vases	2 Hours		
Phase II	20-Feb-25	• Session on Design of Garden Bed Wall • Filling Bottles with sand and creating garden bed wall	30 Minutes		Chitkara Woods
	21-Feb-24	• Filling Bottles with sand and creating garden bed wall	2 Hours		
Phase III	18-Mar-25	• Session on Design of Retaining Wall • Creating Retaining Wall	30 Minutes	11 AM - 1 PM	Bus Parking Area (Blockbuster Block)
	19-Mar-25	• Creating Retaining Wall	2 Hours		

NOTE : Certificates will be provided to the participants

Resource Person
Mr. Hamid Raza, (Sr. Horticulturist) Dept. of Horticulture,
Office of Infrastructure Development

Organised by : Centre of Excellence for Sustainability

Last Date of Registration : 21 Jan 2025

SCAN TO REGISTER



SDG 13 (CLIMATE ACTION) JULY 24 – JUNE 25



SDG 13 (CLIMATE ACTION) JULY 24 – JUNE 25

Event Name: -	Tree Plantation Drive on Republic Day
Venue: -	Zero Ground
Date: -	26 th January, 2025
SDG Number, Name and NEP: -	13-Climate Action, 15-Life on Land and NEP: - 1
Organized By: -	National Service Scheme, Chitkara University, Punjab
Number of Saplings: -	80
Duration: -	One Day

"A nation, like a tree, does not rise in a day. It deepens its roots in struggle, stands firm in wisdom, and spreads its branches in the light of collective will."

As India marked another Republic Day, celebrating the birth of its Constitution, **Chitkara University, Punjab** turned its gaze not only toward the ideals enshrined in parchment but also to the very earth that sustains these aspirations. For what is a nation if not its land, and what is democracy if not the patient cultivation of growth? In this spirit of renewal and responsibility, the university undertook a noble endeavour- a **Tree Plantation Drive at Zero Ground**, outside the **Sportorium block**. Here, amidst the morning hush and solemn reverence, hands met soil, and life was sown with the promise of a greener tomorrow.

Esteemed dignitaries, including **Pro Vice Chancellors, Directors, and dedicated faculty members**, gathered in harmonious purpose, planting more than just saplings- they planted ideals, resilience, and the enduring belief that progress must walk hand in hand with preservation. In every root that pressed into the soil, there lay a reminder that just as trees anchor themselves against the winds of time, so too does a nation hold steadfast in its values, its foundations firm beneath the weight of history.

But the act was not merely symbolic. It was a declaration, of stewardship, of foresight, of the understanding that civilization flourishes only when it nourishes the land that bears it. Chitkara University, long committed to shaping minds, extended that same commitment to the environment, ensuring that the generations come to inherit not just knowledge but a world worth knowing. From the silent strength of roots gripping the earth to the unseen forces that uphold democracy, the parallels are undeniable. Both require nurture, both demand vigilance, and both, when tended with care, become legacies that outlive those who first sowed their seeds.

And so, as the Republic stood tall, so too should these trees- witnesses to a promise made not just to the present, but to the untold tomorrows yet to unfold.



Event Details	
Event Type	Workshop
Topic	2-Day Master Class on Sustainable Innovation in Modern Indian Cuisine
Date	2025-01-27 to 2025-01-28
Mode	Offline
Venue	Bakery Lab, First Floor, Escoffier Block (Chitkara University Rajpura Punjab)
Organizer Name	Chitkara College of Hospitality Management
Resource Person	Chef Shivang Narula Sr. Sous Chef,
No. of Participants	71
SDG No	2,12,13,17

Objective

1. Sourcing Responsibly – Using locally grown, organic, and seasonal ingredients to reduce carbon footprint and support local farmers.
2. Minimizing Food Waste – Utilizing root-to-stem and nose-to-tail cooking techniques to make the most of ingredients.
3. Fusion of Tradition & Innovation – Reinventing classic Indian dishes with modern techniques (e.g., molecular gastronomy, fermentation) while maintaining authenticity.
4. Eco-Friendly Cooking Practices – Using energy-efficient cooking methods, reducing water usage, and adopting biodegradable or reusable packaging.
5. Health & Nutrition – Creating balanced, nutritious dishes by incorporating superfoods, plant-based proteins, and traditional Ayurvedic principles.

Description

The Sustainable Innovation in Modern Indian Cuisine Masterclass is designed to blend India's rich culinary heritage with modern, eco-conscious cooking techniques. This immersive program equips chefs, food entrepreneurs, and culinary



enthusiasts with the knowledge and skills to create innovative, sustainable, and health-focused dishes while honoring traditional Indian flavors. Participants will explore responsible ingredient sourcing, zero-waste cooking, plant-forward menus, and energy-efficient kitchen practices. They will also learn how to reinvent classic Indian recipes using contemporary culinary techniques such as fermentation, molecular gastronomy, and alternative proteins. Through hands-on sessions, expert guidance, and real-world applications, this masterclass empowers individuals to drive positive environmental and economic impact in the food industry. The ultimate goal is to foster a new generation of chefs and culinary professionals who prioritize sustainability, creativity, and authenticity in modern Indian cuisine.

Outcomes

1. Culinary Skill Enhancement
2. Sustainability Awareness & Application
3. Healthier & More Conscious Dining
4. Innovation & Creativity in Indian Cuisine
5. Economic & Environmental Impact



Event name	WORKSHOP
Topic	Terracotta Tile Art
Date	27 th to 28 th January 2025
Mode	OFFLINE
Venue	Department of Fine, Chitkara Design School,
Organizer Name	Department of Interior Design and Department of Fine Arts
Resource Person	Mr. Gurinder Pal Singh and Ms. Payal Dar
No. Participant	25
SDG no.	4,12,13

Objectives

Preserve Traditional Craftsmanship

Encourage Creativity

Promote Sustainability

Enhance Practical Skills

Description

A terracotta tile workshop for students is an immersive, hands-on experience that introduces students to the traditional art of crafting terracotta tiles. This workshop is designed to blend cultural heritage with contemporary design, offering students an opportunity to explore creativity, craftsmanship, and sustainability. The students delve into the process of creating terracotta tiles, which involves clay preparation, tile shaping, decoration, drying, firing, and finishing touches. The workshop included hands-on training in tile making and sculpture, guided by faculty members. Students learned about integrating terracotta elements into architectural and interior design projects, enhancing their practical knowledge and creative skills.

Outcomes

Master Tile-Making Techniques

Develop Artistic Expression

Understand Sustainable Practices

Build Professional Skills



Event name	WORKSHOP
Topic	Sustainable Art Workshop on Papier Mache Mask
Date	28 th to 29 th January 2025
Mode	OFFLINE
Venue	Paper Recycling Plant, Office of Infrastructure Development
Organizer Name	Department of Interior Design and Office of Infrastructure Development
Resource Person	Mr. Gurinder Pal Singh and Ms. Payal Dar
No. Participant	15
SDG no.	4,12,13

Objectives

Cultural and Historical Awareness
Skill Development in 3D Art Techniques
Environmental Awareness
Creative Expression

Description

A papier mâché workshop is a hands-on creative session where students learn the art of crafting objects using paper, adhesive, and various sculpting techniques. The session usually begins with an introduction to the materials and techniques, followed by practical demonstrations. Participants then engage in crafting the pieces, applying layers of mashed paper pulp and paste to form the desired shapes. The workshop concludes with painting and finishing touches to personalize the creations. The workshop aimed to provide students with an opportunity to learn traditional craft techniques of papier mâché.



Outcomes

Cultural Appreciation
Sustainable Practices
Enhanced Artistic Skills
Personal Growth



Event Name: -	Tree Plantation Drive
Venue: -	Yellow Point, Near Boys Hostel
Date: -	29 th 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

- 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.
- 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.
- 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

4. **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.
5. **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.
6. **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.



SDG 13 (CLIMATE ACTION) JULY 24 – JUNE 25

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

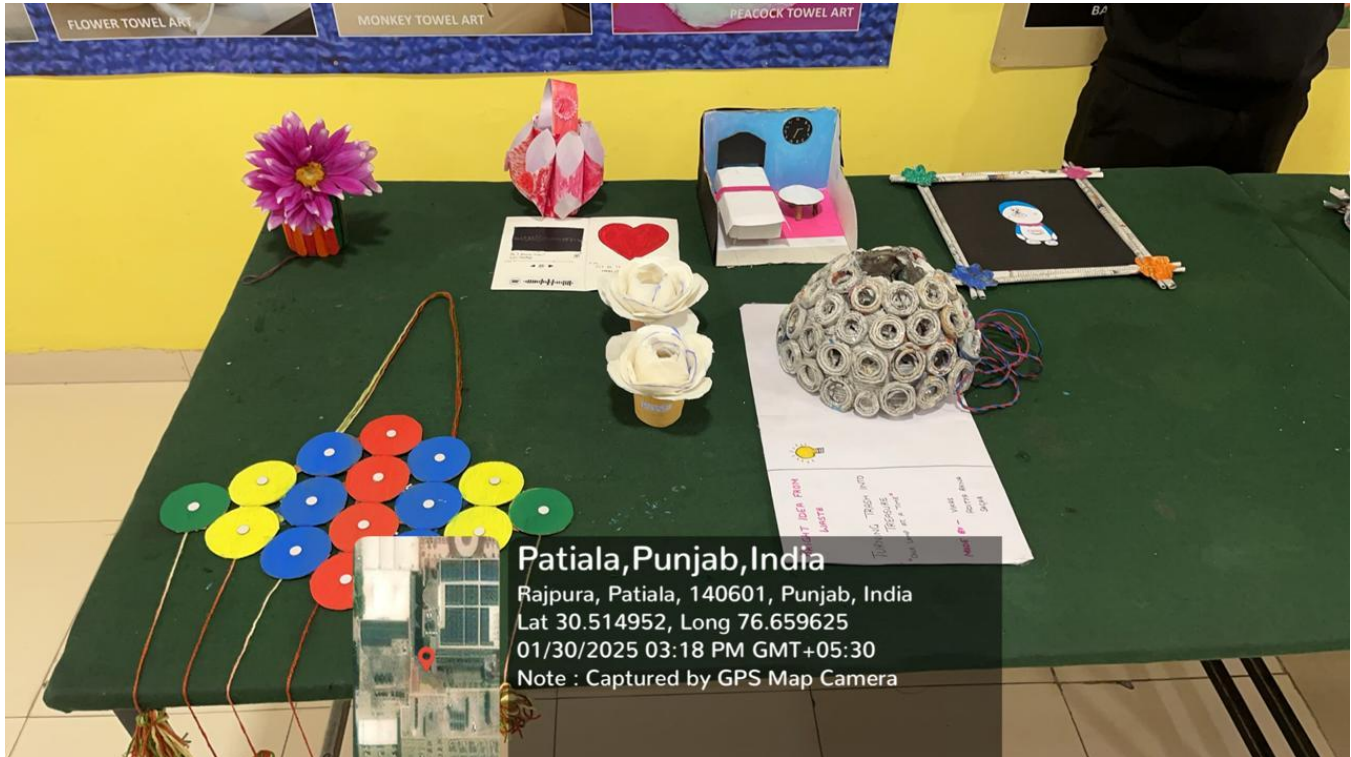
Chitkara College of Hospitality Management, Chitkara University, Punjab, proudly presents Innovative Trashformers: Trash to Treasure, a creative competition celebrating National Cleanliness Day. Scheduled for January 30, 2025, at 1:00 PM in HK Lab-2, Escoffier Block, this initiative encourages students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





Event Name	Pre-conference Webinar on Materials Engineering for Chemical Sensing and Organic Pollutant Degradation
Date	3 rd February 2025
Venue	GMeet
Department	Centre for Research Impact and Outcome
Resource Person	Dr. Pooja Devi, Principal Scientist, CSIR-Central Scientific Instruments Organisation (CSIR-CSIO), Chandigarh, India
Number of Participants	146
SDGs Covered	SDG 6, 13
Duration	2:00 Hrs.

About the Activity


This pre-conference webinar will discuss Materials Engineering for Chemical Sensing and Organic Pollutant Degradation because it plays a crucial role in developing chemical sensors and methods for degrading organic pollutants. Specific materials, like metal-organic frameworks (MOFs) and carbon-based materials, are being explored for their ability to detect and remove pollutants from water and the environment. Further, this webinar discusses the advancement in tools and techniques used to identify the pollutants in water and the environment.

Webinar Objectives

1. Explore the Advances in the degradation processes of organic pollutants.
2. Emerging trends of chemical sensing
3. Advanced Characterization Techniques

Webinar Outcomes

1. Discussed the Organic Pollutant Degradation processes.
2. Examined key trends in Materials Engineering for Chemical Sensing.



Pre-conference* webinar on
Materials Engineering for Chemical Sensing and Organic Pollutant Degradation

Date : 3rd February, 2025
Time : 11:30 AM Onwards
Mode : Online

Organising Committee Members

- **Prof. Jyoti Mittal**
Pro-Vice Chancellor
Research Programs
Chitkara University, Punjab
- **Dr. Jitendra Kumar Katyar**
Assistant Professor
Centre for Research Impact and Outcome
Chitkara University, Punjab
- **Dr. Seema Singh**
Associate Professor
Centre for Research Impact and Outcome
Chitkara University, Punjab
- **Dr. Ardit Sharma**
Associate Director (Research)
Centre for Research Impact and Outcome
Chitkara University, Punjab

Registration Fee: Free
E-certificates will be provided to attendees

*1st International Conference on Advanced Materials for Sustainable Future (ICAMSF-2025)
28th - 29th March, 2025

Organized by
Centre for Research Impact and Outcome
Chitkara University, Punjab

Dr. Pooja Devi
Principal Scientist
CSIR-Central Scientific Instruments Organisation (CSIR-CSIO) Chandigarh India



Event name	Exposure visit
Topic	“DESIGN THINKING: EXPLORING ECOLOGICAL & LANDSCAPE ELEMENTS AND THEME BASED GARDENS”
Date	6 February 2025
Mode	Offline
Venue	Chattbir Zoo /M.C. Zoological Park, Zirakpur, Punjab
Organizer Name	Department of Interior Design, CSPA, Chitkara University
Resource Person	Ar. Reena Roy
No. Participant	54
SDG no.	4,13,17

Objectives

- Students will better understand aesthetic and functional landscape design elements, like vegetation, water features, and architecture.
- Exposure to diverse design elements will enhance creative problem-solving and the integration of ecology with urban design.
- Insights gained will directly inform studio projects, leading to practical design approaches.
- Students will develop ecological and sustainability skills, influencing eco-friendly design decisions.
- The visit will improve collaboration and communication skills, helping students work with peers and communicate design ideas professionally.

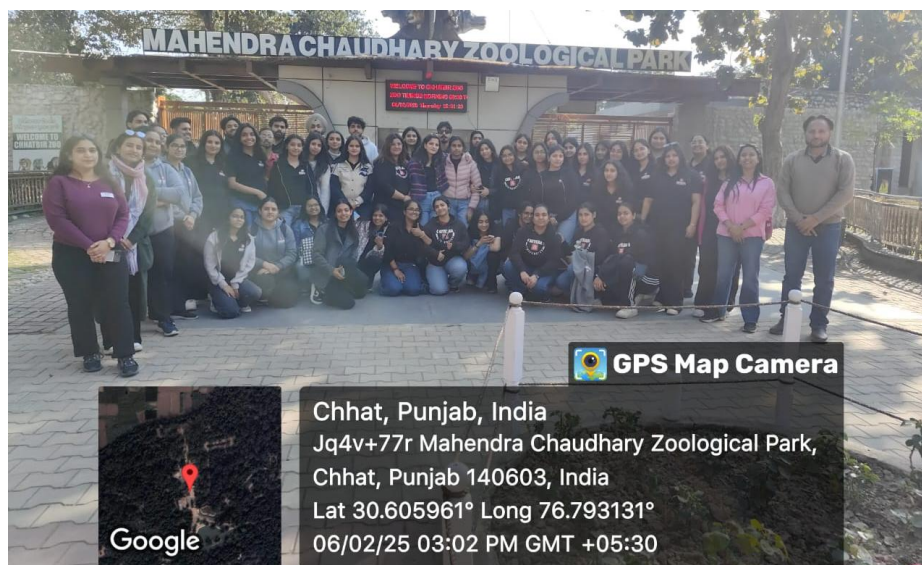
Description

The Department of Interior Design at Chitkara School of Planning and Architecture organized a garden visit on February 6th, 2025, for 6th-semester B. Des. (2022 Batch) and 2nd-semester M. Des. (2024 Batch) students to Chattbir Zoo /M.C. Zoological Park, Zirakpur, Punjab. The visit focused on "Design Thinking: Exploring Ecological & Landscape Elements and Theme-Based Gardens." Faculty members, Ms. Indu Aggarwal, Ar. Reena Roy, Ar. Gunjot Kaur, Ar. Anchal Thapa, and Dr. Ravinder Singh guided students through the park. Students explored hardscape and softscape elements, studying pathways, plants, trees, water fountains, seating areas, and light arrangements. Students will also explore the theme-based park, that is Jurassic Park, which is a very good example of how to justify the theme by featuring

multiple areas with Jurassic World. The visit offered practical insights into landscape design and enriched students' understanding of their studio projects and future careers.

Outcomes

1. **Practical Understanding** - Students can identify and analyze real-world hardscape and softscape uses.
2. **Ecological Awareness** - Students understand sustainable practices and environmental design.
3. **Thematic Design Skills** - Students create theme-based garden ideas using real examples.



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:

- 1.Raise Awareness:** Educate youths on the importance of mental health, hygiene, and nutritional literacy.
- 2.Promote Research and Collaboration:** Encourage academic discussions and research on youth well-being in alignment with **Sustainable Development Goals (SDGs)**.



3. **Engage Stakeholders:** Involve educators, policymakers, and healthcare professionals to develop strategies for promoting holistic well-being.
4. **Support Vision Viksit Bharat@2047:** Contribute to India's long-term development goals by fostering a healthier, more informed youth population.



Key Highlights

1. **Inaugural Session:**

1. **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.
2. **Prof. Amit Mittal, Pro-Vice Chancellor**, delivered the keynote address, highlighting how the conference aligns with SDGs and sustainable health initiatives.

2. **Expert Participation and Engagement:**

1. Dr. Naveen Kumar, Co-Principal Investigator, attended the conference in person and extended gratitude to DDU Gorakhpur University for hosting the event.
2. 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.

3. **Collaborative Research and Knowledge Exchange:**

1. 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

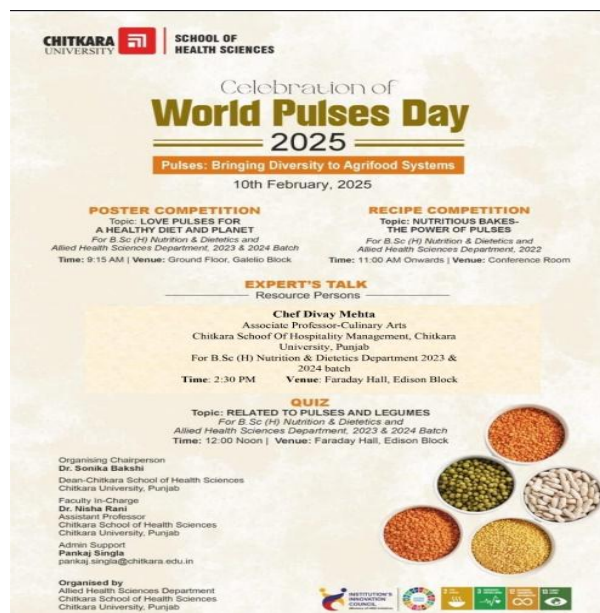
1. **Increased Awareness:** The event successfully disseminated crucial information on youth well-being and its impact on national development.
2. **Strengthened Academic Networks:** It fostered collaborations between institutions, policymakers, and healthcare professionals for future research initiatives.
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.

Event Name	World Pulses Day, 2025
Date	10 th February 2025
Venue	Faraday Hall, Edison Block, Chitkara University, Punjab
Organizer	Nutrition and Dietetics, Allied Health Sciences Department, Chitkara School of Health Sciences, Chitkara University, Punjab
Resource Person	Chef Divay Mehta, Associate Professor, CSHM, Chitkara University, Punjab
Number of Participants	44
SDG Number	2 (Zero Hunger), 3 (Good Health and Well Being), 12 (Responsible consumption and production) , 13 (Climate Action)
Duration	1 day

About the Activity

On "World Pulses Day, Chitkara School of Health Sciences organized the students' activities and an expert's talk on 10th February, 2025 to raise awareness about the nutritional, environmental, and economic benefits of pulses while promoting their role in global food security and sustainable agriculture. The activities were: poster competition, recipe competition , quiz and expert talk.

In poster competition, the students showcased their creativity and knowledge to spread messages to love pulses for a healthy diet and planet. The poster competition was judged by our esteemed jury members which comprises Dr. Navita Gupta and Dr Indu Bala. After this the celebration was followed by recipe competition and the theme for the competition was Nutritious bakes- The Power of Pulses. The event witnessed the innovative approaches of the contestants to replace refined grains with nutritious pulses and make the regular diet healthy. The competition was judged by our honorable Dean mam, Dr. Sonika Bakshi and respected Assistant Dean mam, Dr Pooja Dogra.



A quiz competition was also organised to create a fun and interactive way to discuss the importance of pulses and encourage students to incorporate them into their diet. After the quiz, we were honoured to have an insightful session with Chef Divay Mehta, Associate Professor- Culinary arts, who delivered an invaluable messages to highlight the significance of pulses as a rich source of plant-based protein, fiber, and essential nutrients, contributing to healthier diets, sustainable agriculture and combating malnutrition.



Event Name	Repurposing Plastic Bottles (Phase II)
Date	20 Feb 25 – 21 Feb 25
Venue	Chitkara Woods
Organizer	Centre of Excellence for Sustainability
Resource Person	Mr. Hamid Raza
Event Co-ordinators	Dr. Ravi Dandotiya, Mr. Mohit Kumar, Ms. Gurpreet Kaur, Mr. Aayush
Student Co-ordinators	Mr. Amit Kumar
Number of Participants	20
SDGs Covered	12,13

About the Activity

The Centre of Excellence for Sustainability organized a two-day workshop on Repurposing Plastic Bottles (Phase II) from 20th to 21st February 2025. This innovative and eco-friendly initiative aimed to create awareness about plastic waste management and provide hands-on experience in creatively reusing discarded plastic bottles.

The second phase of the ‘Repurposing Plastic Bottles’ workshop was successfully conducted with an engaging session by Mr. Hamid Raza, a Senior Horticulturist, followed by hands-on activities for the students. The primary objective of this phase was to educate students on sustainable practices while encouraging creativity and teamwork. The event focused on utilizing plastic bottles to design and construct garden bed walls, promoting environmental awareness and reducing plastic waste.

Session by Mr. Hamid Raza

The event commenced with an insightful briefing by Mr. Hamid Raza, who emphasized the importance of sustainability in horticulture. He highlighted the adverse effects of plastic waste on the environment and introduced innovative ways to repurpose plastic materials. The students learned about various applications of plastic bottles in gardening, including vertical gardens, planters, and garden bed walls. His session also covered the significance of soil conservation and the benefits of integrating eco-friendly materials into landscaping projects.



Workshop on Repurposing Plastic Bottles

"Every plastic bottle has the potential to be more than waste— Let's repurpose it into something useful and help reshape the future of our planet."

Limited Seats

EVENT SCHEDULE

Phase	Date	Activity	Duration	Time	Venue
Phase I	23-Jan-25	• Tips on repurposing Plastic Bottles	30 minutes	11 AM - 1 PM	Chitkara Woods
	24-Jan-25	• Creating Flower Vases	2 Hours		
Phase II	20-Feb-25	• Session on Design of Garden Bed Wall	30 Minutes	11 AM - 1 PM	Chitkara Woods
	21-Feb-24	• Filling Bottles with sand and creating garden bed wall	2 Hours		
Phase III	18-Mar-25	• Session on Design of Retaining Wall	30 Minutes	11 AM - 1 PM	Bus Parking Area (Rockefeller Block)
	19-Mar-25	• Creating Retaining Wall	2 Hours		

NOTE : Certificates will be provided to the participants

Resource Person
Mr. Hamid Raza, (Sr. Horticulturist) Dept. of Horticulture,
Office of Infrastructure Development

Organised by : Centre of Excellence for Sustainability

Last Date of Registration : 21 Jan 2025

SCAN TO REGISTER

Hands-on Activity

After the knowledge-sharing session, students actively participated in designing and constructing garden bed walls using plastic bottles. The activity was structured in the following steps:

Arranging the Bottles

1. The filled bottles were systematically arranged to form the structure of the garden bed walls.
2. The students carefully aligned the bottles to create a strong and aesthetic design.

Decorating the Bottles

1. To enhance visual appeal, the students painted and decorated the bottles with colorful designs.

Filling the Bottles with Sand

1. To provide stability and durability, the students filled the bottles with sand.
2. Proper compaction techniques were used to ensure that each bottle was firm and ready for construction.

Outcome and Impact

The second phase of the workshop was a resounding success. Students not only learned practical skills but also developed a deeper understanding of sustainability and waste management. The beautifully designed garden bed walls served as a testament to their creativity and commitment to environmental responsibility. Additionally, the initiative inspired students to explore further possibilities of repurposing waste materials for constructive purposes.





SDG 13 (CLIMATE ACTION) JULY 24 – JUNE 25

Conclusion

The ‘Repurposing Plastic Bottles – Phase 2’ effectively combined education, sustainability, and hands-on experience. Mr. Hamid Raza’s session provided valuable insights, and the student-led construction activity reinforced the importance of reusing plastic waste innovatively. This initiative has laid the groundwork for future projects that integrate eco-friendly solutions into everyday practices. With continued efforts, such initiatives will contribute significantly to environmental conservation and sustainable living.



EVENT DETAILS	
EVENT TYPE	ENTERPRENEURSHIP
TOPIC	IDEA IMMERSION - IDEATHON
DATE	2025-02-27 to 2025-02-28
MODE	OFFLINE
ORGANIZER NAME	DR AMIT KUMAR, ASSISTANT PROFESSOR DECE, DR GAURAV SHARMA, ASSOCIATE PROFESSOR DECE
RESOURCE PERSON	DR ADARSH AGGARWAL, VICE PRESIDENT, CIIF DR AMIT KUMAR, ASSISTANT PROFESSOR, DECE
NO. OF PARTICIPANTS	36
SDG NO	3,6,7,9,13

Objective

1. To encourage students to think creatively and develop innovative solutions to real-world problems in electronics and communication engineering.
2. To provide a platform for participants to apply technical knowledge and critical thinking to address contemporary challenges.
3. To facilitate teamwork and interdisciplinary collaboration among students to develop well-rounded solutions.
4. To help participants refine their idea pitching and presentation skills through the 120-second spotlight challenge.



CHITKARA UNIVERSITY  **ED**
ELECTRONIQUE DESIGN CENTRE

IDEA IMMERSION-IDEATHON

Resource Person
Dr. Adarsh Aggarwal
Vice-President, CIIF
Chitkara University, Punjab

Faculty Coordinator
Dr. Amit Kumar
Asst. Professor, DECE
CUET, Chitkara University Punjab | Dr. Gaurav Sharma
Associate Professor, DECE
CUET, Chitkara University Punjab

Convenor
Dr. Shwani Mathotra
Dean, DECE
CUET, Chitkara University Punjab | Dr. Isha Gupta
Academic Head, DECE
CUET, Chitkara University Punjab | Dr. Rubina Dutta
Academic Head, DECE
CUET, Chitkara University Punjab

Schedule
27 Feb: Masterclass on Idea Immersion
28 Feb: The 120 second spotlight

27th-28th February, 2025
10:00 AM – 3:00 PM
B009, Edison Block Basement

Win Exciting Cash Prizes Worth INR 3000/-

Registration Fee: INR 100/- per student

Scan for Theme and Registration

Organised By:
Department of Electronics and Communication Engineering
CUET, Chitkara University Punjab

Description

The Electronique Design Centre of the Department of Electronics and Communication Engineering at Chitkara University, Punjab, successfully hosted "Idea Immersion - Ideathon", a dynamic two-day event on 27-28 February 2025. Designed to spark innovation and cultivate problem-solving skills among students, the ideathon provided a platform for budding engineers to explore cutting-edge ideas in electronics and communication technologies. The first day began with an engaging Masterclass on Idea Immersion by Dr Adarsh Aggarwal, who shared invaluable insights on transforming abstract concepts into viable solutions. Participants learned essential techniques for brainstorming, refining ideas, and presenting them effectively, with a strong emphasis on creativity, critical thinking, and persuasive communication. The session set

the stage for students to develop well-structured proposals, equipping them with the tools needed to excel in the competitive pitching round. Day two elevated the excitement with the 120-second Spotlight, the event's flagship segment. Here, teams delivered concise yet impactful pitches, presenting their innovative solutions to a distinguished panel of judges. The fast-paced format tested participants' ability to communicate complex technical ideas clearly and compellingly within a tight timeframe. The competition highlighted exceptional talent, with students demonstrating not only technical expertise but also ingenuity in addressing real-world challenges. The ideathon culminated in a celebratory awards ceremony, where the top performers were recognized for their outstanding contributions. Piyush Verma (Team Lead, Future Forge) emerged as the winner, impressing the jury with a groundbreaking concept. The first runner-up position was secured by Team Triple A— Arnav Sharma, Abhayraj Singh, and Aditya Sood —while Team M2.5, comprising Kavin Thakur and Hardik Thapar, earned the second runner-up** title. Beyond competition, the event fostered collaboration, critical thinking, and hands-on learning, reinforcing Chitkara University's commitment to nurturing future-ready engineers. By bridging classroom knowledge with real-world problem-solving, the Idea Immersion - Ideathon left participants inspired, equipped with new skills, and motivated to drive technological advancements in their field.

Outcomes

5. Participants generated a variety of creative and technically sound ideas, showcasing their potential to drive technological advancements.
6. Students gained hands-on experience in idea generation, problem-solving, and effective communication through workshops and pitching sessions.
7. Winners and participants received recognition for their efforts, boosting their confidence and motivation to pursue innovative projects.
8. The event provided a platform for students to interact with industry experts, faculty, and peers, fostering a culture of knowledge-sharing and collaboration.



Event Details	
Event Type	Expert Talk
Topic	Sip & Innovate: A Coffee Brewing Experience
Date	2025-03-06 to 2025-03-06
Mode	Offline
Venue	Barista, Chitkara University (Chitkara University, Rajpura, Punjab)
Organizer Name	Chitkara College of Hospitality Management
Resource Person	Tarundeep Singh Director Operations, Tarun Arora Asst. Director Operations
No. of Participants	40
SDG No	4,8,12,13,17

Objective

1. To educate participants on different coffee brewing techniques and equipment.
2. To enhance practical skills in coffee extraction and flavor profiling.
3. To provide industry insights from hospitality professionals.
4. To promote sustainable and innovative coffee-making practices.
5. To inspire students to explore career opportunities in the coffee and F&B industry.

Description

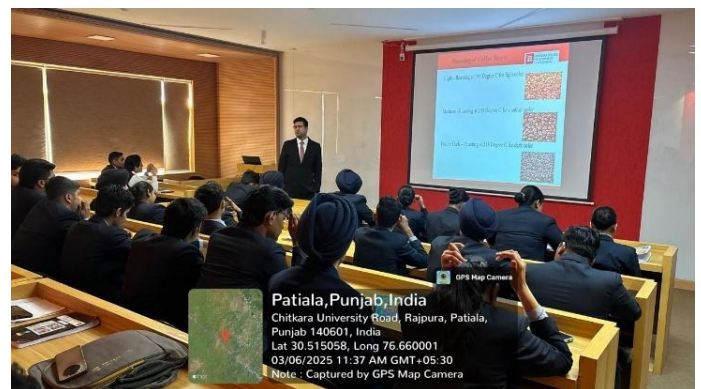
Chitkara College of Hospitality Management in collaboration with the Service Saavies Club, successfully organized A Coffee Brewing Experience on March 6, 2025, at Barista, Chitkara University. This engaging and hands-on event was designed to introduce students to the art and science of coffee brewing, allowing them to explore different brewing techniques and gain insights from industry experts. The session was led by Mr. Tarundeep Singh, Director of Operations at 9191 Hospitality LLP, and Mr. Tarun Arora, Assistant Director of Operations at 9191 Hospitality LLP. Their expertise in the coffee industry provided valuable knowledge on various brewing methods, coffee bean selection, and the importance of precision in the brewing process. The event commenced at 9:20 AM and continued until 4:20 PM, offering an



immersive experience for participants. Attendees had the opportunity to understand the nuances of coffee extraction, explore brewing equipment, and experiment with different techniques to enhance flavor and aroma. The hands-on nature of the event allowed students to develop practical skills in coffee craftsmanship, making it particularly beneficial for those interested in the hospitality industry. The session was categorized as a Level-2 Activity, ensuring an advanced learning experience. Through live demonstrations and interactive discussions, participants gained a deeper appreciation for the artistry and technicality behind a perfect cup of coffee. The event also highlighted the significance of sustainable practices in coffee production and brewing. This initiative by the Service Saavies Club, Chitkara College of Hospitality Management, successfully blended education with innovation, inspiring students to explore coffee culture beyond just consumption. The enthusiasm and engagement of attendees reflected the event's success in enhancing their knowledge and skillset in the F&B sector.

Outcomes

1. Participants gained hands-on experience in various coffee brewing methods.
2. Students developed a deeper understanding of coffee bean selection and extraction.
3. Attendees learned industry best practices from experienced professionals.
4. The event fostered innovation and sustainability in coffee-making.
5. Students explored potential career paths in the coffee and hospitality industry.



Event Name	Repurposing Plastic Bottles (Phase III)
Date	18 Mar 25 – 19 Mar 25
Venue	Bus Parking Area, Rockefeller Block
Organizer	Centre of Excellence for Sustainability
Resource Person	Mr. Hamid Raza
Event Co-ordinators	Dr. Ravi Dandotiya, Mr. Mohit Kumar, Ms. Gurpreet Kaur, Mr. Aayush
Student Co-ordinators	Mr. Tushar Bansal & Mr. Mayank Abrol
Number of Participants	20
SDGs Covered	12,13

About the Activity

The Centre of Excellence for Sustainability successfully organized Phase 3 of the "Repurposing Plastic Bottles" event on 18th and 19th March 2025. This event aimed to promote environmental sustainability by encouraging students to creatively repurpose plastic waste. The focus of Phase 3 was on constructing retaining walls using plastic bottles and enhancing their appearance with decorative elements. The event took place at the Bus Parking Area, near Rockefeller Block.

Objective

The primary goal of this phase was to:

1. Encourage students to find innovative ways to reuse plastic bottles.
2. Raise awareness about plastic waste management.
3. Develop creative and sustainable solutions for environmental conservation.
4. Engage students in practical and hands-on eco-friendly projects.

Event Overview

The event began with an expert talk by Mr. Hamid Raza, (Sr. Horticulturist), who inspired and motivated students to actively participate in the project. He shared valuable insights on the importance of plastic waste reduction, sustainable construction methods, and the environmental benefits of repurposing plastic materials. His talk highlighted:

– The impact of plastic waste on the environment



Workshop on Repurposing Plastic Bottles

"Every plastic bottle has the potential to be more than waste—Let's repurpose it into something useful and help reshape the future of our planet."

Limited Seats

EVENT SCHEDULE

Phase	Date	Activity	Duration	Time	Venue
Phase I	23-Jan-25	• Tips on repurposing Plastic Bottles • Creating Flower Vases	60 minutes	11 AM - 1 PM	Chitkara Woods
	24-Jan-25	• Creating Flower Vases	2 Hours		
Phase II	20-Feb-25	• Session on Design of Garden Bed Wall • Filling Bottles with sand and creating garden bed wall	60 minutes	11 AM - 1 PM	Chitkara Woods
	21-Feb-25	• Filling Bottles with sand and creating garden bed wall	2 Hours		
Phase III	18-Mar-25	• Session on Design of Retaining Wall • Creating Retaining Wall	60 minutes	11 AM - 1 PM	Bus Parking Area (Rockefeller Block)
	19-Mar-25	• Creating Retaining Wall	2 Hours		

NOTE : Certificates will be provided to the participants

Resource Person
Mr. Hamid Raza, (Sr. Horticulturist) Dept. of Horticulture,
Office of Infrastructure Development

Organised by : Centre of Excellence for Sustainability

Last Date of Registration : 21 Jan 2025

SCAN TO REGISTER

- The structural strength and utility of plastic bottles in construction.
- Innovative approaches to making retaining walls durable and aesthetically appealing.

Following the talk, students were divided into teams and tasked with building retaining walls using plastic bottles filled with sand, soil, and other eco-friendly materials. The participants demonstrated remarkable creativity and teamwork, turning plastic waste into functional and decorative retaining walls.

Execution and Creativity

Materials Used

1. Plastic bottles of various sizes
2. Sand, soil, and gravel for filling
3. Cement and adhesive materials for support
4. Decorative paints, natural elements (plants, stones), and recycled materials for embellishments

Creative Approaches

1. Some teams arranged bottles in artistic patterns to create visually appealing designs.
2. Bright colors and artistic motifs were painted on the bottles, giving the walls an attractive look.
3. Some participants incorporated small plants and flowers into the walls, adding a touch of greenery.
4. Others used recycled materials such as glass pieces and shells to add texture and detail.

Challenges and Solutions

Challenges	Solutions
Difficulty in securing bottles together	Used cement and adhesive for better bonding
Balancing weight and structure	Added layers of soil and gravel for stability
Ensuring long-term durability	Applied protective coating to prevent weather damage

Impact and Outcome

The event resulted in the creation of several beautifully designed and structurally sound retaining walls. The students' efforts demonstrated that plastic waste can be effectively transformed into functional and artistic structures. Key outcomes included:
Enhanced understanding of sustainable construction practices.

Promotion of environmental responsibility among students.

- Strengthened teamwork and problem-solving skills.
- Improved aesthetic value of the bus parking area.

Conclusion

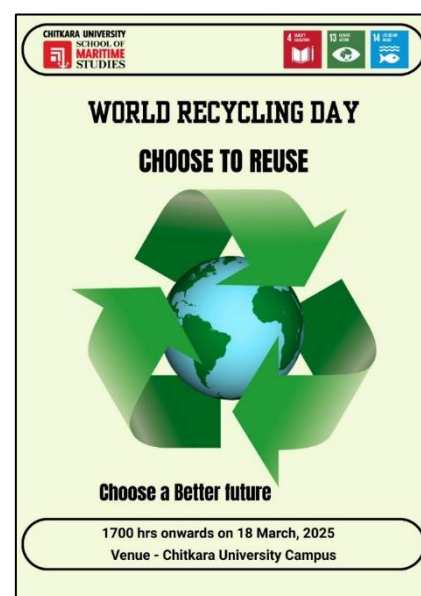
Phase 3 of the "Repurposing Plastic Bottles" event was a **remarkable success**. The creative and innovative approaches adopted by the students showcased the potential of repurposing plastic waste for practical use. The event not only promoted environmental sustainability but also fostered a sense of responsibility and creativity among the participants. The Centre of Excellence for Sustainability's initiative continues to inspire positive change toward a more sustainable future.



Event Name	Global Recycling Day – Garbage Segregation Drive
Date	18 March, 2025
Venue	Chitkara University, Punjab
Department	Chitkara University School of Maritime Studies
Resource Person	
Number of Participants	30
SDGs Covered	4, 13, 14
Duration	1 hour

About the Activity

A Garbage Segregation Drive was conducted on March 18, 2025, to commemorate Global Recycling Day at Chitkara University School of Maritime Studies. The event was organized as part of Global Recycling Day celebrations, emphasizing the importance of waste management and sustainable living. Cadets actively participated in hands-on sessions on garbage segregation, learning how to separate waste into biodegradable, recyclable, and non-recyclable categories. The initiative aimed to instill a sense of environmental responsibility and promote effective waste management practices among future maritime professionals.



Objectives

1. **Promoting Recycling Awareness:** To educate cadets about the significance of recycling and responsible waste management.
2. **Practical Waste Segregation Training:** To provide hands-on experience in proper garbage segregation techniques.
3. **Environmental Responsibility:** To instill habits that contribute to reducing landfill waste and environmental pollution.
4. **Celebrating Global Recycling Day:** To mark Global Recycling Day with an activity that promotes sustainable waste practices.

5. **Community Engagement:** To foster a culture of collective responsibility toward maintaining a clean and sustainable environment.

Key Highlights

1. **Cadet Participation:** Cadets from the School of Maritime Studies participated enthusiastically, demonstrating keen interest and commitment.
2. **Practical Training:** Sessions included demonstrations and activities where cadets practiced segregating different types of waste.
3. **Awareness Drive:** The drive effectively highlighted the importance of recycling in combating climate change and conserving resources.
4. **Eco-Friendly Message:** The event reinforced the message that small actions, like proper waste segregation, contribute to a larger environmental impact.

Conclusion

1. **Environmental Stewardship Encouraged:** The garbage segregation drive promoted the importance of recycling and sustainable waste practices.
2. **Skill Development:** Cadets gained practical knowledge and skills essential for responsible waste management in both personal and professional spheres.
3. **Long-Term Vision:** The initiative is expected to foster lasting habits of recycling and proper waste disposal, contributing to a cleaner campus and a healthier planet.



EVENT DETAILS	
EVENT TYPE	TRAINING
TOPIC	TRAINING FOR TRAINERS (TOT) SESSION I: DRINKING WATER TESTING TRAINING PROGRAM
DATE	2025-03-18 to 2025-03-19
MODE	OFFLINE
VENUE	RESEARCH LAB (IIIRD FLOOR, FLEMING BLOCK.)
ORGANIZER NAME	CHITKARA BUSINESS SCHOOL
RESOURCE PERSON	PROF. JYOTSNA KAUSHAL, PROFESSOR- CENTRE FOR WATER SCIENCES
NO. OF PARTICIPANTS	65
SDG NO	SDG 6: CLEAN WATER AND SANITATION, SDG 13: CLIMATE ACTION, SDG 14: LIFE BELOW WATER, SDG 17: PARTNERSHIP FOR THE GOALS

OBJECTIVE

- 1) To educate students on water quality testing parameters (TDS, alkalinity, pH, etc.).
- 2) To provide hands-on lab experience at the Centre for Water Sciences.
- 3) To explore methods for community awareness on clean water practices.
- 4) To promote the understanding that small actions contribute to water sustainability.

DESCRIPTION

Under the aegis of the "Connecting Communities for Water Management and Sustainability: A Namami Gange Initiative," the Faculty of Economics at Chitkara Business School spearheaded a crucial two-day awareness campaign on the 18th and 19th of March, 2025, focusing on the vital aspect of water quality testing. This impactful activity aimed to equip future leaders with the knowledge and understanding necessary to address the pressing issue of water safety and sustainability within communities. The core of the initiative involved an enlightening visit by the students to the Centre for Water Sciences at Chitkara University, Punjab. Here, they were privileged to participate in an engaging and hands-on laboratory session expertly conducted by Prof. Jyotsna Kaushal. This immersive experience provided the students with invaluable practical insights into the scientific methodologies employed for assessing water quality. During the session, Prof. Kaushal meticulously guided the students through the analysis of key water parameters, emphasizing their significance in determining

the potability and overall health of water sources. The students gained a comprehensive understanding of crucial indicators such as Total Dissolved Solids (TDS) levels, which reflect the concentration of dissolved substances; alkalinity, indicating the water's capacity to neutralize acids; and pH levels, a measure of the water's acidity or basicity. Furthermore, they explored other essential factors that play a critical role in ascertaining whether water is safe for drinking and other uses. The initiative extended beyond the acquisition of technical knowledge. Recognizing the importance of community engagement, the students actively brainstormed and explored effective strategies for disseminating information about clean water practices. They delved into various methods of educating communities on the significance of regular water quality testing, the identification of potential contaminants, and the adoption of sustainable water management practices at the household and community levels. The discussions fostered a sense of responsibility among the students, encouraging them to envision themselves as catalysts for positive change. The underlying message of the event, powerfully encapsulated in the phrase "Small actions lead to big changes!", resonated throughout the two days. It underscored the belief that collective awareness and individual efforts, no matter how seemingly minor, can contribute significantly to ensuring access to clean and safe water for all, thereby paving the way for a healthier and more sustainable future for communities. This initiative served as a potent reminder of the inter-connectedness between environmental well-being and community health, empowering the students to become informed advocates for responsible water stewardship.

OUTCOMES

- 1) Knowledge of key water quality parameters and their significance.
- 2) Practical skills in basic water quality testing methods.
- 3) An understanding of strategies for community education on water safety.
- 4) Appreciation for the impact of individual actions on water sustainability and public health.



Title	Smart Water, Smart Future: Technology for Conservation
Type of Activity	Seminar/Case Studies
PROGRAM THEME (KEYWORDS)	R&D and Innovation
LINK (Pre Link)	Pre Link
LINK (Post Link)	Post Link
Program Type	level 2
Nomenclature	Smart Water, Smart Future: Technology for Conservation
Start and End date of the event	22/03/2025 to 22/03/2025
No of students	84
No of faculty	9
Video URL	https://drive.google.com/file/d/1Hbaa7Unu9Z0OZCSDt3aV5WZF96Ob0L5K/view?usp=sharing

Description

The Civil Engineering Department at Chitkara University organized the World Water Day 2025 Symposium, themed “Smart Water, Smart Future,” to emphasize water conservation and sustainable management. The event featured expert talks, including Mr. S.K. Rana’s insights on MSMEs’ role in water technologies, Ms. Veenakshi Sharma’s discussion on water quality and health, and Dr. Jyotsna’s overview of university-led water research initiatives. Activities such as poster presentations, debates, and live demonstrations fostered dynamic exchanges on emerging water conservation technologies. The symposium inspired interdisciplinary collaboration and innovative solutions, marking a successful effort to promote awareness and action for a sustainable water-efficient future.

Kindly justify the activity conducted by your respective department will fit as IIC event

The "Smart Water, Smart Future: Technologies for Water Conservation" symposium was a one-day event held to commemorate World Water Day 2025. It aimed to explore and promote innovative technologies that significantly enhance global water conservation efforts. The event brought together industry leaders, scientists, academicians, policymakers, and students.

It featured technical talk sessions where experts shared insights on cutting-edge water conservation technologies, including smart metering, leak detection systems, water-efficient irrigation techniques, and data analytics for improved water management. Interactive activities such as a poster-making competition and group discussions were organized to foster engagement and creativity. These activities encouraged participants to visually represent innovative ideas and collaboratively develop solutions for pressing water conservation challenges. By combining expert presentations with hands-on activities, the symposium created a dynamic environment that promoted learning, networking, and practical strategies for water conservation. The event emphasized the critical role of technology in addressing water scarcity and promoting sustainable water use across various sectors, including agriculture, urban planning, and industry. It inspired action and collaboration among stakeholders, contributing to the broader goal of ensuring sustainable water management for future generations. Through knowledge sharing and innovative thinking, participants were empowered to make meaningful contributions to global water conservation efforts.

Objective

- Raise awareness about global water conservation challenges and sustainable solutions.
- Facilitate knowledge exchange between industry leaders, researchers, and students.
- Showcase innovative water conservation technologies and research initiatives.
- Encourage student participation through poster presentations, debates, and project displays.
- Strengthening the academia-industry collaboration for sustainable water management solutions

Benefits of the activity

- Increased awareness of water quality and conservation strategies among participants.
- Encouraged student-led research and innovative water management solutions.
- Strengthened collaboration between academia, industry, and policymakers.
- Provided insights into cutting-edge water conservation technologies.
- Inspired participants to actively contribute to sustainable water initiatives.



EVENT DETAILS	
EVENT TYPE	STUSTAINABLE DEVELOPMENT GOALS
TOPIC	WORLD WATER DAY 2025
DATE	2025-03-22 to 2025-03-22
MODE	OFFLINE
ORGANIZER NAME	CHITKARA SCHOOL OF PSYCHOLOGY AND COUNSELLING
RESOURCE PERSON	DR. POOJA MAHAJAN , ASSOCIATE PROFESSOR
NO. OF PARTICIPANTS	85
SDG NO	SDG 4: QUALITY EDUCATION, SDG 6: CLEAN WATER AND SANITATION, SDG 11: SUSTAINABLE CITIES AND COMMUNITIES, SDG 13: CLIMATE ACTION, SDG 14: LIFE BELOW WATER

OBJECTIVE

1. To Raise Awareness regarding the ongoing Climate Action Water Crisis.
2. To highlight the accelerating rate of glacial retreat due to climate change and its potential consequences.
3. To Educate students on Preservation Strategies for a Sustainable Future.
4. To analyze and present relevant case studies.
5. Promote Collaborative Action

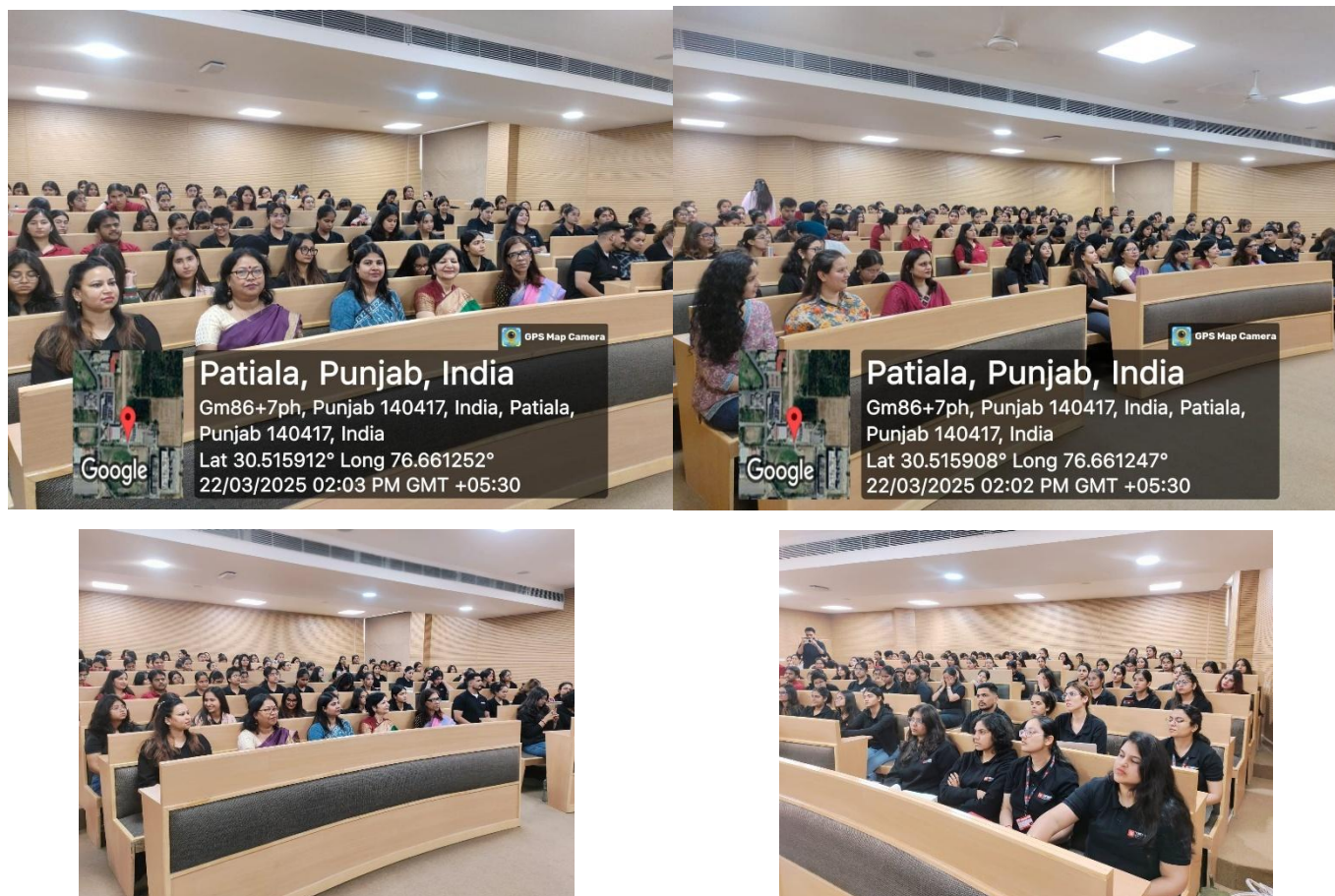
DESCRIPTION:

The Chitkara School of Psychology and Counselling (CSPC), in collaboration with the Department of Education and National Service Scheme (NSS), marked World Water Day 2025 with an insightful event on 22nd March 2025 at Maslow Hall, Fleming Block. Themed “Glacier Preservation”, the session brought together experts to discuss the urgent need for protecting the world’s glaciers in the face of climate change. The session was led by Dr. Pooja Mahajan, Associate Professor at the Chitkara Institute of Engineering & Technology (CUIET), Chitkara University, who presented key glacier preservation strategies. She analyzed various case studies showcasing innovative approaches to combat glacial retreats, including sustainable water management, artificial glacier techniques, and policy-driven conservation initiatives. Her talk emphasized the urgent need for collaborative efforts to slow down glacier loss and protect vital water reservoirs. The focus was on the drastic changes

affecting glaciers, with particular emphasis on Nepal's Yala Glacier, a critical case study that illustrates the impact of climate change on Himalayan ice reserves. Through in-depth discussions and knowledge exchange, the event heightened awareness of the fragile state of the planet's glaciers and underscored the shared responsibility of individuals and institutions in combating climate change. The initiative reaffirmed Chitkara University's commitment to sustainability, inspiring participants to take proactive steps toward preserving these invaluable natural resources. As we navigate an era of climate uncertainty, we must take decisive action to protect our glaciers. Together, we strive for a future where environmental stewardship ensures the survival of these critical lifelines for humanity.

OUTCOMES

1. Enhanced Understanding of Glacial Dynamics
2. Increased Awareness of Climate Change Impacts
3. Knowledge of Practical Preservation Methods
4. Reinforced Institutional Sustainability Commitment
5. Motivation for Sustainable Action



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



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	SDG 3: GOOD HEALTH AND WELL-BEING, SDG 4: QUALITY EDUCATION, SDG 9: INDUSTRY, INNOVATION AND INFRASTRUCTURE, SDG 11: SUSTAINABLE CITIES AND COMMUNITIES, SDG 13: CLIMATE ACTION

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.



EVENT DETAILS	
EVENT TYPE	EXPOSURE VISIT
TOPIC	INNOVATION IN ACTION: DISCOVERING FIRE SAFETY TECHNOLOGY
DATE	2025-03-27 to 2025-03-27
MODE	OFFLINE
VENUE	FIRE STATION (FIRE STATION, RAJPURA, PATIALA)
ORGANIZER NAME	CHITKARA COLLEGE OF HOSPITALITY MANAGEMENT
RESOURCE PERSON	MR. SANJEEV BHARADWAJ, ASSOCIATE DIRECTOR, OFFICE OF INFRASTRUCTURE DEVELOPMENT
NO. OF PARTICIPANTS	42
SDG NO	SDG 3: GOOD HEALTH AND WELL-BEING, SDG 4: QUALITY EDUCATION, SDG 9: INDUSTRY, INNOVATION AND INFRASTRUCTURE, SDG 11: SUSTAINABLE CITIES AND COMMUNITIES, SDG 13: CLIMATE ACTION, SDG 17: PARTNERSHIP FOR THE GOALS

OBJECTIVE

1. To create awareness about modern fire safety technologies.
2. To provide hands-on exposure to firefighting equipment and procedures.
3. To enhance knowledge of emergency response and preparedness.
4. To promote safety consciousness among students and faculty.
5. To align with IIC goals by integrating innovation in infrastructure safety.

DESCRIPTION

Chitkara College of Hospitality Management, in collaboration with the Fire & Security Association of India (FSAI), successfully organized a Level 1 activity titled “Innovation in Action: Discovering Fire Safety Technology” on 27th March 2025. The event was held at the Fire Station, Rajpura, Punjab, from 10:00 am to 1:00 pm, and witnessed active participation



from students and faculty members. The session was spearheaded by Mr. Sanjeev Bhardwaj, Associate Director, Office of Infrastructure Development, Chitkara University, who served as the resource person. The initiative was organized under the joint efforts of the Office of Infrastructure Development, FSAI, and the Chitkara College of Hospitality Management, Rajpura. The activity aimed to raise awareness and provide hands-on exposure to modern fire safety technologies and emergency response systems. Participants were introduced to various fire safety tools, equipment, and protocols essential in dealing with fire emergencies. The live demonstration of firefighting techniques by trained personnel gave students a practical understanding of real-time response strategies. This experiential learning event helped attendees recognize the critical importance of fire safety in infrastructure planning and emergency preparedness. The session was also aligned with the objectives of the Institution's Innovation Council (IIC), encouraging innovation and awareness in critical infrastructural safety domains. Overall, the event proved to be highly informative, interactive, and impactful, emphasizing the relevance of modern safety technologies in both professional and everyday environments. It also reinforced the commitment of Chitkara University to impart practical knowledge and safety consciousness among its students.

OUTCOMES

1. Participants gained practical knowledge of fire safety tools and techniques.
2. Students understood real-time emergency response protocols.
3. Awareness of infrastructure-related safety measures was enhanced.
4. The session fostered interest in safety and risk management.
5. The event reinforced the importance of innovation in fire safety systems.



Event Name	International Conference on Advanced Materials for Sustainable Future (ICAMSF-2025)
Date	28 th - 29 th March 2025
Venue	Pulitzer Hall, Picasso Block (28 th March 2025) & Pierre Hall, Le Corbusier Block (29 th March 2025)
Department	Centre for Research Impact and Outcome
Resource Person	Annexure 1
Number of Participants	373
SDGs Covered	SDG 3, SDG 4, SDG 7, SDG 9, SDG 12, SDG 13 & SDG 14
Duration	2 Days

About the Conference

The International Conference on Advanced Materials for Sustainable Future (ICAMSF- 2025), themed "Energy, Efficiency, Economy for Sustainability," promises to be a landmark event for researchers, industry leaders, and policymakers dedicated to advancing sustainable materials. Hosted by the Centre for Research Impact and Outcome at Chitkara University from March 28th to 29th, 2025, this conference will focus on the crucial role of advanced materials in shaping a more sustainable world. Attendees will engage in discussions on the current practices and challenges associated with sustainable materials for extreme environments while exploring advanced methodologies that improve efficiency and enhance the longevity of materials and machining components. ICAMSF-2025 will provide a platform to showcase cutting-edge innovations in materials science, processes, and manufacturing, with a strong emphasis on sustainability. Additionally, manufacturers will have the opportunity to present their latest products and services, highlighting industry advancements.

The conference will also delve into the profound influence of sustainability in material science, examining its impact on daily life and the economic growth of nations.

Conference Objectives



1. The participants will have the opportunity to explore groundbreaking technologies, novel tools, and proactive strategies to elevate their sustainability initiatives.
2. The numerous societies and research labs focusing on sustainable development are encouraged to actively participate in the event.
1. Explores advanced practices as a tool for improved efficiency and enhanced life of the materials and machining components.
2. Explores the impact of materials in our daily lives and the economic growth of the county.

Key Highlights: Tracks

Theme: Energy, Efficiency,
Economy for Sustainability

Track 1: Material Synthesis for Environmental Remediation, Energy Storage and Conversion

Track 2: Materials for Extreme Functionalities

Track 3: Advanced Manufacturing in Industry 4.0/5.0

Track 4 – Engineering Tribology

Academic Partners

International Institutions	National Institutions
Bournemouth University, United Kingdom	Visvesvaraya National Institute of Technology Nagpur, Maharashtra
Yonsei University, Seoul, South Korea	National Institute of Technology Nagaland
Luleå University of Technology, Sweden	Defence Institute of Advanced Technology Pune
University of Ljubljana, Slovenia	Punjab Engineering College Chandigarh
University of Naples, Italy	Shri Mata Vaishno Devi University, J&K
Asian Institute of Technology Thailand	

Grants/Sponsorship

S. No.	Funding Organization	Amount (INR)
1	Anusadhan National Research Foundation (ANRF)	350000
2	Defence Research and Development Organisation (DRDO)	100000
3	Council of Scientific and Industrial Research (CSIR)	50000
4	SKUEM Water Projects Pvt. Ltd	50000

Publication Partners

Publication Partners								
Proceedings of IMechE	International Journal of Ceramic Technology	Materials Science Engineering Technology	Proceedings of IMechE	Industrial Lubrications and Tribology	Nanotechnology, BJnano	Water Emerging Contaminates and Nanoplastic	Environmental Science and Pollution Research, Springer	Lecture note series, Springer

Participation

S. No	Participation in the event	Nos.
I.	Chief Guest, Guest of Honor & Plenary Speakers	6
II.	Senior Scientist (Keynote Speakers)	15
III.	Young Scientist (Invited Speakers)	6
IV.	Postgraduate Students /Faculty (Presenters)	338
V.	Undergraduate Students (Presenters)	5
VI.	Industry people (Keynote & Invited Speakers)	1
VII.	Another category (Attendee)	4

Conference Outcomes

1. Demonstrated how truly interdisciplinary leadership influenced the most important driver in moving toward adopting new technologies, cultures, and processes for sustainable growth.
2. Examined key trends in materials for energy and efficiency and disruptors that are happening around the globe.
3. Learning and knowledge are exchanged among conference participants through extensive discussions.
4. This conference covered various SDGs such as 3, 4, 7, 9 12, 13, and 14.

S. No.	SDGs	Nos.
1	3	30
2	4	343
3	7	96
4	9	200
5	12	150
6	13	82
7	14	10



SDG 13 (CLIMATE ACTION) JULY 24 – JUNE 25

Prof. Dineshsingh Thakur	DIAT (DU), DRDO, Girinagar, Pune, Maharashtra
Prof. Harish Hirani	Indian Institute of Technology Delhi
Dr. SAJITH V	National Institute of Technology Calicut
Dr Pooja Devi	CSIR-Central Scientific Instruments Organisation, Chandigarh
Prof. Sushil Kumar Kansal	Panjab University, Chandigarh
Prof. M Ravisankar	Indian Institute of Technology Tirupati
Prof. Vikas Kumar Sangal	Malaviya National Institute of Technology Jaipur
Dr. TVK Gupta	Visvesvaraya National Institute of Technology Nagpur
Dr. Harish Kumar	National Institute of Technology Delhi
Prof TVVLN Rao	Assam downtown University, Guwahati
Dr. Arun Singh	Visvesvaraya National Institute of Technology Nagpur
Dr. Ranjeet Kumar Sahu	National Institute of Technology Karnataka (NITK) Surathkal
Dr. Avinash Kumar	Indian Institute of Information Technology Design and Manufacturing Kancheepuram, Chennai
Dr. Jimmy Karloopia	Punjab Engineering College (Deemed to be University), Chandigarh
Dr. Jadab Sharma	Punjab University, Chandigarh
Dr Srihari Dodla	Indian Institute of Technology BHU, Varanasi, UP

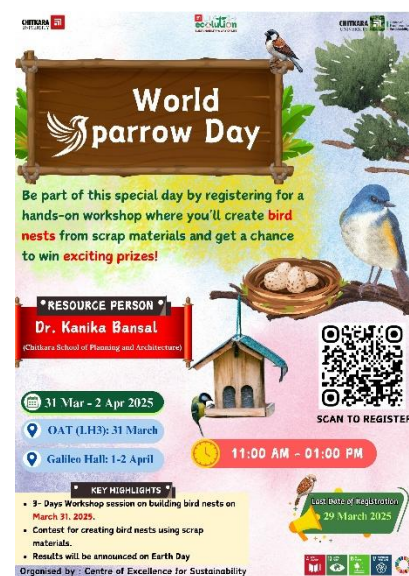
Event Name	World Sparrow Day (Workshop)
Date	31 March 2025 – 2 April 2025
Venue	Pierre Hall, Le Corbusier Block & Einstein Hall, Galileo Block
Organizer	Centre of Excellence for Sustainability
Resource Person	Dr. Kanika Bansal
Student Co-ordinators	Ms. Rumani Singh, Mr. Mayank Abrol, Ms. Urja Thakur, Mr. Tushar Bansal, Ms. Akruti Singhal
Number of Participants	30
SDGs Covered	4,13,15,17

About the Activity

Day 1: Expert Session by Dr. Kanika Bansal

The World Sparrow Day Workshop commenced on 31st March 2025 with an expert session led by **Dr. Kanika Bansal**, the Dean of Chitkara School of Planning and Architecture. She delivered an insightful talk about sparrows, emphasizing their importance in the ecosystem. The session covered various aspects, including:

- **Sparrows as God's Natural Drones** – Their role in balancing nature.
- **Importance of Sparrows:** Contribution to pest control, pollination, and biodiversity.
- **Characteristics of Sparrows:** Their behavior, nesting habits, and environmental adaptability.
- Dr. Bansal also encouraged students to build **sustainable bird nests using scrap materials**. The session inspired participants to contribute toward sparrow conservation and ecological sustainability.





Day 2: Scrap Collection and Nest Building

On the second day, participants were taken to a scrapyard, where they collected materials for building the bird nests. The participants worked in teams of **2-3 members** and gathered items like plastic, wood, and other reusable scrap materials.





After gathering materials, they began **constructing and decorating the bird nests**, integrating creativity and sustainability. The teams showcased immense dedication, ensuring their nests were not only functional but also aesthetically appealing.





Day 3: Nest Evaluation

The final day of the workshop was dedicated to **evaluating the bird nests**. Dr. Kanika Bansal assessed each nest based on:

- **Use of sustainable materials**
- **Durability and structure**
- **Aesthetic appeal and creativity**
- **Suitability for sparrow habitation**

After thorough evaluation, Dr. Kanika Bansal declared **the top 3 teams** as winners. The results of the contest will officially be announced on **Earth Day** as part of the sustainability initiatives of Chitkara University.



Conclusion

The **World Sparrow Day Workshop** was a resounding success, creating awareness about sparrow conservation and fostering innovative approaches to sustainability. Participants learned the importance of recycling and upcycling waste materials while contributing towards a noble

cause. The event was a perfect blend of education, creativity, and environmental consciousness, reinforcing the university's commitment to ecological preservation.



SDG 13 (CLIMATE ACTION) JULY 24 – JUNE 25

EVENT DETAILS	
EVENT TYPE	EXTENSION AND OUTREACH PROGRAMS
TOPIC	EDUCATIONAL AND PRACTICAL ORIENTATION
DATE	2025-04-04 to 2025-04-04
MODE	OFFLINE
ORGANIZER NAME	CHITKARA LAW SCHOOL, CHITKARA UNIVERSITY, PUNJAB
RESOURCE PERSON	PROF. (DR.) AJAY RANGA, PROFESSOR AND DEAN DR. AVNISH KUMAR SINGH, ASSISTANT PROFESSOR
NO. OF PARTICIPANTS	5
SDG NO	SDG 4: QUALITY EDUCATION, SDG 6: CLEAN WATER AND SANITATION, SDG 13: CLIMATE ACTION, SDG 15: LIFE ON LAND, SDG 16: PEACE, JUSTICE AND STRONG INSTITUTIONS

OBJECTIVE

1. To Enhances Practical Knowledge and Understanding
2. To Alleviate the Tedium of Classroom Learning
3. To Encourages Independent Learning
4. To Build Confidence and Professional Networking
5. Hands-on Learning Experiences
6. To Improve Communication Skills

DESCRIPTION

Punjab Pollution Control Board (PPCB, is a statutory body helps in implementing Environmental Laws in the state of Punjab) is the apex body created for the implementation of the provisions of the environmental laws and to preserve the wholesomeness of the water. With the aim to control pollution at the source with due regard to techno-economic feasibility for liquid effluents as well as gaseous emissions, to ensure that natural waters are not polluted by discharge of untreated city sewage, and to maximize reuse / recycling of sewage and trade effluents and to use the treated effluent on land for irrigation and for industrial purpose after appropriate treatment, PPCB was created in the year 1975. It is therefore become more important to apprise the students of Chitkara Law School about the practical application of the provisions of Environmental Laws in general, whereas, Water (Prevention and Control of Pollution) Act, 1974 and Air (Prevention and Control of Pollution) Act, 1981, in particular. Henceforth, educational visit was arranged on the above stated schedule. This scheduled event

was successfully conducted under the learned and able guidance of Prof. (Dr.) Ajay Ranga and course coordinator Dr. Avnish kumar Singh, Assistant Professor, Chitkara Law School. The visit to the PPCB was an enlightening experience to the students. The visit was arranged to impart and understand practical functioning of the PPCB. On the scheduled day students of B.A.LL.B VIth Semester were taken to the above stated statutory authority. Therein they got chance to interact with Mr. Avtar Singh, Scientific Officer and Mr. Sumati Oswal, Law Officer to the PPCB. Students of law during their interactive session were given detailed instructions about the establishment, its structure and territorial jurisdiction, key responsibilities or functions, rules as to inspection and necessary legal actions taken by the Board. After having detailed interactive session with the experts, students visited the Water and Air laboratories. Therein students of law learned the procedure of sample collection, various methods and tests to determined nature of pollutants and source of pollution in the water bodies and in the air, respectively.

OUTCOMES

- The students will understand the functioning of the Board.
- The students understood the practical application of the provisions of the law alongside the theoretical knowledge.
- The students will be able to evaluate the various stakeholders in controlling and protecting the environmental pollution.
- The students understood the procedural formalities and administrative working of the Board.



EVENT DETAILS	
EVENT TYPE	ENVIRONMENT OR GREEN INITIATIVE
TOPIC	NATIONWIDE ROADSHOW AND DEMONSTRATION OF E-TRACTOR AND E-TILLER
DATE	2025-04-09 to 2025-04-09
MODE	OFFLINE
ORGANIZER NAME	CSIR-CMERI-COFEM LUDHIANA IN ASSOCIATION WITH CSIR-CMERI DURGAPUR
NO. OF PARTICIPANTS	2
SDG NO	SDG 7: AFFORDABLE AND CLEAN ENERGY, SDG 9: INDUSTRY, INNOVATION AND INFRASTRUCTURE, SDG 12: RESPONSIBLE CONSUMPTION AND PRODUCTION, SDG 13: CLIMATE ACTION

OBJECTIVE

1. To witness the demonstration of E-Tractor and E-Tiller technologies developed indigenously.
2. To understand the technical architecture and performance of electric farming machinery.
3. To explore the applicability of EV technologies in agriculture and off-road sectors.
4. To identify future academic and research opportunities in electric mobility for agriculture.
5. To enhance course delivery of "Off-Road Vehicles" through real-world exposure

DESCRIPTION

On April 9, 2025, Dr. Rajesh Kumar, Professor, and Dr. Talvinder Singh, Assistant Professor from the Department of Mechanical Engineering (CUIET-AE), attended a nationwide roadshow and demonstration of the E-Tractor and E-Tiller organized by CSIR-CMERI-CoFEM, Ludhiana. These innovative farming solutions, developed by CSIR-CMERI, Durgapur, are powered by over 90% indigenous technology, aligning with India's goal of Atmanirbhar Bharat in the electric mobility sector. The event served as a platform for knowledge sharing between scientists, farmers, industry representatives, and academicians. Live demonstrations and field trials were conducted, allowing participants to engage closely with the technology and assess its performance. The lead scientists and organizer, played a pivotal role in explaining the design, functionality, and future potential of these machines. From an academic standpoint, the event was particularly relevant for faculty involved in curriculum design and delivery of automobile engineering courses. The insights gained will

directly contribute to enhancing the “Off-Road Vehicles” course scheduled for the next semester. The event also fostered greater awareness about how electric vehicles can be effectively implemented beyond conventional road transportation—especially in agriculture. The participation highlighted the university's commitment to sustainable development, innovation, and collaboration with premier research organizations.

OUTCOMES

1. Gained practical insights into electric tractor and tiller technologies.
2. Understood integration of Indian technologies in agricultural machinery.
3. Strengthened academic-industry connect through CSIR initiatives.
4. Identified key elements to incorporate in the Off-Road Vehicles curriculum.
5. Expanded awareness of sustainability goals related to electric mobility in farming



SDG 13 (CLIMATE ACTION) JULY 24 – JUNE 25

EVENT DETAILS	
EVENT TYPE	EXPERT TALK
TOPIC	COMTECH 3.0 - ESG CONCLAVE : PIONEERING BUSINESS FOR A GREENER FUTURE
DATE	2025-04-15 to 2025-04-15
MODE	OFFLINE
ORGANIZER NAME	DR. RASHMI AGGARWAL, DR. NEHA & DR. SONIA ANTIL
RESOURCE PERSON	ANU CHAUDHARY, PARTNER & GLOBAL HEAD NIRAV PATEL , PARTNER JAYASHREE SATHY, MANAGING DIRECTOR MAITHREYI SWAMINATHAN, MANAGING DIRECTOR
NO. OF PARTICIPANTS	114
SDG NO	SDG 7: AFFORDABLE AND CLEAN ENERGY, SDG 12: RESPONSIBLE CONSUMPTION AND PRODUCTION, SDG 13: CLIMATE ACTION, SDG 17: PARTNERSHIP FOR THE GOALS

OBJECTIVE

1. Understand how emerging technologies support ESG measurement, monitoring, and compliance.
2. Analyze how technology improves ESG data accuracy, transparency, and decision-making.
3. Analyze the growth of sustainable financial products like green bonds and ESG ETFs.
4. Examine the role of regulatory frameworks in mainstreaming ESG in capital markets.
5. Examine compliance requirements and risk mitigation strategies tied to ESG in financial institutions
6. Identify major ESG and sustainability reporting frameworks (e.g., GRI, BRSR, TCFD).

DESCRIPTION

What unfolded was more than a conversation. It was a shared moment of clarity—a reminder that the way we treat the planet, engage with society, and uphold ethical governance isn't just a corporate checklist or academic topic. It's the foundation of the future we are building together. ESG (Environmental, Social, and Governance) is crucial for businesses today as it drives sustainable growth and risk management. Investors and stakeholders increasingly

prioritize ESG performance when making decisions. Strong ESG practices enhance brand reputation, regulatory compliance, and long-term profitability. The presence and powerful voices of our speakers—Anu Chaudhary, Nirav Patel, Shreya Pillai, Maithreyi Swaminathan, and Jayashree Sathy—elevated the conversation in ways that deeply resonated with every attendee. Their unique experiences, bold perspectives, and grounded wisdom painted a vivid picture of what it means to truly live the principles of ESG in our daily lives. They explored the urgency of climate action, the deep need for inclusive and equitable policies, and the power of ethical leadership in shaping institutions that prioritize people and the planet. These were not just academic discussions or professional presentations—they were personal stories, real-world applications, and passionate calls to rethink how we live, lead, and learn. Each speaker touched on an essential truth: that ESG is not just for corporations, policymakers, or environmentalists. It is for every one of us. Whether we are students, educators, professionals, or community members, we all play a part. Environmental stewardship is not optional—it is essential. The choices we make today, from how we consume resources to how we advocate for sustainable practices, will define the quality of life for generations to come. The climate crisis isn't waiting, and neither should we. Social responsibility means ensuring that all voices are heard, that justice is pursued, and that communities are built with empathy and inclusion at the centre. It means challenging systems of inequality, advocating for mental health, education, diversity, and community well-being. Governance isn't only about rules and regulations—it's about integrity. It's about how we lead, how we make decisions, and how we ensure that power is exercised with fairness, transparency, and accountability. We left this event not just informed, but transformed. The energy in the room was electric—a mix of curiosity, conviction, and an overwhelming desire to do better. Whether it was a thought-provoking quote from a panellist or a meaningful discussion during the Q&A, everyone walked away carrying something that changed them, even if just a little.

OUTCOMES

1. Heightened Awareness of ESG Values

- Attendees left with a deeper understanding of the Environmental, Social, and Governance framework and its relevance across sectors.
- Many experienced a shift in mindset—viewing ESG not as a corporate checkbox, but as a personal and societal responsibility.

2. Seeded Future Initiatives and Projects

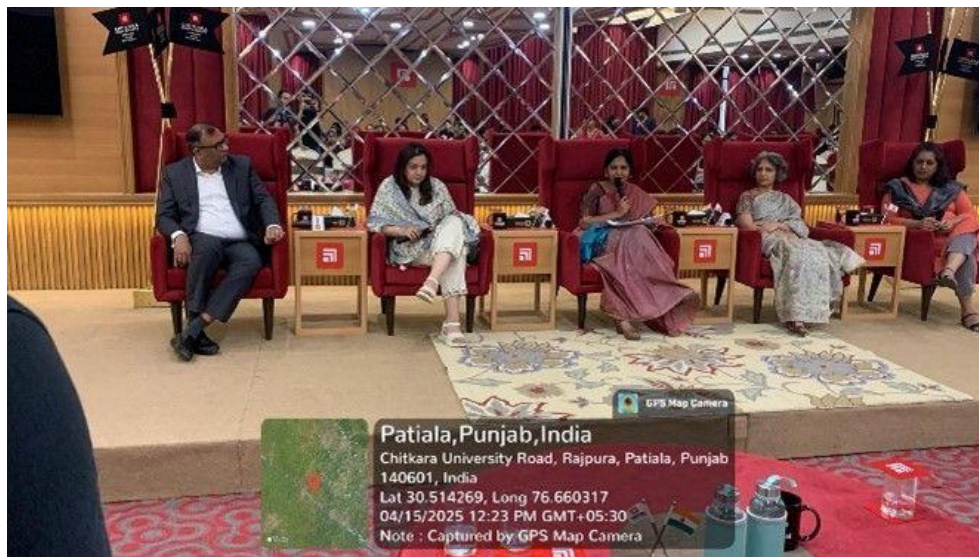
- The event acted as a launchpad for future student-led ESG activities—clubs, research, awareness drives, curriculum proposals, and sustainability campaigns.
- Inspired students may now work toward integrating ESG into student government, academic research, or community engagement projects.

3. Clear Direction for Institutional Support

- The conversation highlighted the need for universities and educational institutions to embed ESG values in formal learning.
- Faculty and administration may be more inclined to support ESG-related activities, curriculum integration, and policy development.

4. Industry Collaboration on ESG Goals

- The conclave facilitated networking among industry leaders, policymakers, and academia.
- It fostered collaborations aimed at driving long-term sustainable development.



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.

SDG 13 (CLIMATE ACTION) JULY 24 – JUNE 25

Event Name	World Earth Day – Tree Plantation Drive
Date	22 April, 2025
Venue	Rockefeller Block, Chitkara University, Punjab
Department	Chitkara University School of Maritime Studies
Resource Person	
Number of Participants	20
SDGs Covered	3, 13
Duration	1 hour

About the Activity

A Tree Plantation Drive was conducted on April 22, 2024, to commemorate World Earth Day at Chitkara University School of Maritime Studies. The event was organized as part of the Earth Day celebrations, emphasizing the importance of afforestation and ecological balance. Cadets actively participated in planting trees around the campus premises, contributing to a greener and healthier environment. The initiative aimed to instill environmental responsibility and promote sustainable practices among future maritime professionals.

Objectives

- **Promoting Green Practices:** To encourage students to adopt environmentally responsible behaviours through hands-on action.
- **Ecological Restoration:** To contribute to ecological well-being by increasing green cover.
- **Environmental Education:** To raise awareness among cadets about the long-term benefits of tree plantation and its role in climate resilience.
- **Earth Day Celebration:** To celebrate Earth Day with a practical, impactful activity aligned with environmental conservation.
- **Community Involvement:** To foster teamwork and shared responsibility for protecting natural resources.



Key Highlights

- **Active Participation:** Cadets of the School of Maritime Studies participated enthusiastically, showing commitment to the cause.
- **Hands-on Learning:** The activity provided a practical learning experience on planting techniques and tree care.
- **Environmental Message:** The drive served as a symbolic and practical message of the importance of nature conservation.

Conclusion

1. **Sustainability Promoted:** The tree plantation drive contributed to environmental restoration and promoted sustainable practices on campus.
2. **Student Engagement:** Cadets were engaged in meaningful action that fostered a deeper connection with nature.
3. **Long-Term Impact:** The initiative is expected to have lasting ecological benefits and serve as a reminder of the collective responsibility toward Earth.



Event Name	World Earth Day – Plantation Drive
Date	22 April 2025
Venue	Rockefeller Block Surroundings
Organizer	Centre of Excellence for Sustainability in collaboration with Office of Administration
Resource Person	Mr. Hamid Raza
Number of Participants	70
SDGs Covered	13,15

Introduction

In honor of World Earth Day, the Centre of Excellence for Sustainability (CUCES), in collaboration with the Ecolution Club, organized a meaningful *Tree Plantation Drive* on 22 April 2025. The event aimed to raise awareness about environmental conservation, promote sustainability, and encourage the university community to take proactive steps toward a greener and healthier planet.

Trees are often referred to as nature’s silent warriors — quietly absorbing carbon dioxide, reducing air pollution, preventing soil erosion, and offering shelter to biodiversity. Recognizing their immeasurable contributions, this initiative served as a powerful reminder of the need to plant and protect trees for a better future.



Event Overview

The plantation drive took place in the green spaces surrounding the Rockefeller Block, transforming the area into a more vibrant and eco-friendly zone. 30 Faculty members, staff, and more than 30 enthusiastic students of Ecolution Club actively participated in the planting of various saplings native to the region. The activity was both symbolic and practical, contributing directly to the ecological wellbeing of the campus.

More than just a planting activity, the event served as an opportunity to educate participants about the long-term benefits of afforestation and sustainable practices. It underscored the fact that *planting trees is just the beginning* — consistent care and nurturing are equally essential for their survival and growth.

Participation and Support

The plantation drive witnessed active involvement from a diverse group within the university:

- **Students Faculty Members and Supporting Staff:** Took part with great enthusiasm, showing their commitment to environmental responsibility.
- **Office of Horticulture:** Played a pivotal role in the preparation and execution of the event. Their continuous efforts and expertise in landscaping and plant care significantly contributed to the success of the initiative.



SDG 13 (CLIMATE ACTION) JULY 24 – JUNE 25

Special appreciation is extended to the Office of Horticulture for their invaluable support in arranging saplings, tools, and resources needed for the event.

Key Highlights

1. Trees were planted in designated green pockets around Rockefeller Block.
2. Participants were briefed on how to care for the plants post-plantation.
3. Pledges were taken by attendees to continue contributing toward a greener campus.
4. Awareness was spread about the significance of tree cover in urban environments.

Conclusion

The Tree Plantation Drive was not just an event but a pledge — a step toward a more sustainable and environmentally conscious future. It strengthened the university's commitment to climate action and campus greening efforts. As echoed throughout the event, *planting trees is not where our responsibility ends — it's where it begins.*





Let us continue working together to build a greener world, *one tree at a time.*

Event Name	SNA Activity
Topic	Tree Plantation Activity on World Earth Day
Date	23 rd April , 2025
Venue	Yellow Point Farm, Chitkara University, Punjab
Organizers	Ms.Annu Singhal (Assistant Professor), Ms.Preetika (Nursing Tutor),Department of Nursing, CSHS, Chitkara University, Punjab
No. of Participants	12
Under SDG no.	13, 15
SDG Details	13 Climate Action, 15 Life on Land

Objectives

- To raise awareness among nursing students about the importance of trees in promoting public and environmental health.
- To encourage active participation in environmental conservation efforts through hands-on experience.
- To highlight the link between a healthy environment and holistic patient care.
- To instill a lifelong sense of responsibility and sustainability in future healthcare professionals.
- To promote teamwork, community engagement, and environmental leadership within the nursing college.

On the occasion of World Earth Day, Department of Nursing organized a tree plantation activity on 23rd April 2025, with the aim of promoting environmental awareness and responsibility among future healthcare professionals. The Theme of World Earth Day 2025 is “Our Power: Our Planet. The event emphasized the crucial connection between a healthy environment and public health, aligning with the holistic values of nursing education. The primary objective of the activity was to engage students in practical efforts toward environmental conservation, encouraging them to understand the significance of trees in improving air quality, regulating climate, and supporting mental and physical well-being. The event began with a short awareness session highlighting the theme of Earth Day and the role of trees in combating climate change and supporting life.

Students and faculty members participated enthusiastically by planting a variety of native tree saplings within the college premises. Each student was encouraged to take ownership of a sapling, ensuring its growth through regular care and monitoring. This hands-on experience helped foster a deeper sense of environmental stewardship and teamwork.

The tree plantation drive not only contributed to greening the campus but also reinforced the role of nurses as advocates for healthier communities through sustainable practices. The activity served as a reminder that caring for the environment is an essential extension of caring for human health.

Overall, the event was a successful blend of education, action, and community spirit, leaving a lasting impression on all participants. Such initiatives play an important role in building environmentally conscious healthcare professionals for the future.



Outcomes

1. Enhanced Environmental Awareness: Students gained a better understanding of the importance of trees in promoting ecological balance and public health.
2. Hands-On Learning Experience: Participants engaged in a practical activity that reinforced classroom teachings on sustainability and environmental care.
3. Promoted Teamwork and Responsibility: The activity encouraged collaboration and individual accountability, as students cared for the saplings they planted.
4. Campus Beautification: The plantation of trees contributed to a greener, more pleasant, and eco-friendly college environment.
5. Holistic Development of Nursing Students: The initiative helped students develop a sense of social and environmental responsibility, aligning with the values of holistic nursing care.



Event Name	International Composting Awareness Week 2025
Date(s)	4th May – 10th May 2025
Mode	Online
Organizer	Centre of Excellence for Sustainability, Chitkara University
SDGs Covered	4,12,13,15

About the Activity

The Centre of Excellence for Sustainability successfully organized *International Composting Awareness Week 2025* from May 4th to May 10th, 2025. The event promoted awareness around composting organic waste at home and encouraged community participation through a national-level competition. The initiative aligned with global sustainability goals and aimed to foster a culture of responsible waste management.

Objectives

- Promote awareness about the importance of composting organic waste.
- Encourage individuals and families to adopt sustainable waste disposal practices at home.
- Recognize and reward exemplary composting efforts within the community.
- Contribute to the United Nations Sustainable Development Goals (SDGs), particularly:



Activity

Home Composting Video Contest: Participants were invited to submit short, clear videos demonstrating their home composting practices. The video had to showcase:

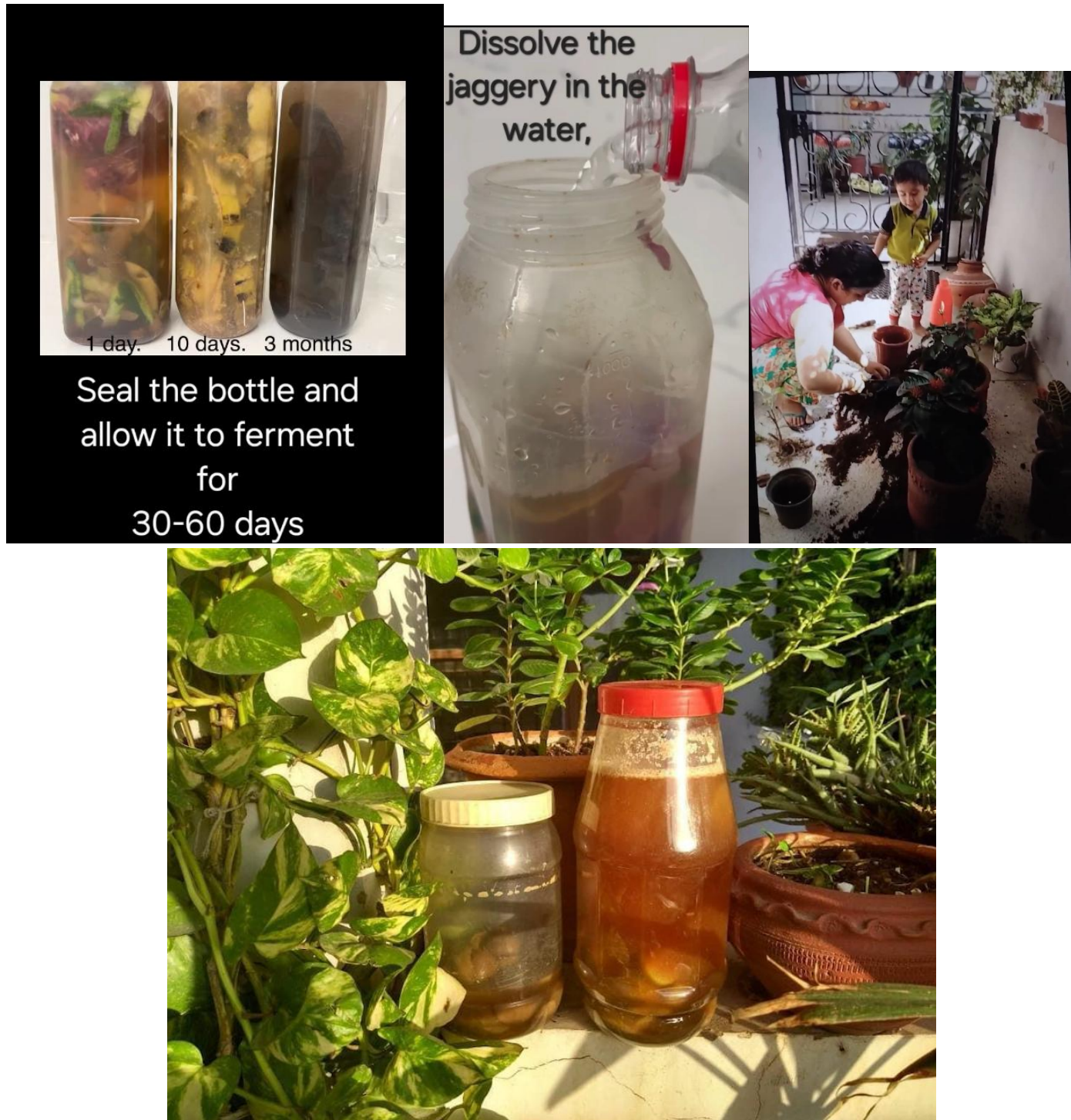
- The composting setup.
- Types of organic waste used.
- Composting process and outcomes.

Outcomes

The *International Composting Awareness Week 2025* proved to be a highly impactful and eco-conscious initiative that inspired widespread participation and meaningful environmental action.

An Eco-Friendly Movement:

The event promoted practical, home-based composting as a simple yet powerful eco-friendly practice. Participants embraced this green habit, significantly reducing household organic waste and contributing to cleaner communities.



Event Name	Immersion Programme for Students from Chitkara International School
Date	29 – 30 May 2025
Venue	Faraday Hall, Edison Block, Photo Studio, 3rd Floor, Picasso Block, Paper Recycling Plant, Faculty Lounge, Galileo Block, Sculpture Studio, 2nd Floor, Ramanujan Block
Organizer	Centre of Excellence for Sustainability in collaboration with Department of Horticulture, Office of Infrastructure, Department of Fine Arts & Chitkara Design School
Resource Person	Dr. Kanika, Dr. Ravi Dandotiya, Prof. Manpal Singh Setia, Mr. Sanjeev Kumar Bhardwaj, Mr. Hamid Raza, Mr. Raman
Number of Participants	63
SDGs Covered	4,12,13,17

About the Activity

The **Immersion Programme** is an educational initiative organized by **Chitkara University's Centre of Excellence for Sustainability**, designed to raise awareness and foster hands-on learning experiences related to the **United Nations Sustainable Development Goals (SDGs)**. The programme consists of interactive and practical sessions encouraging environmental responsibility, creativity, and innovation among school students.

Programme Schedule

Day 1: 29th May 2025

Session Title: Learn the SDGs: Quiz Your Knowledge

Time: 12:00 PM – 01:00 PM

Venue: Faraday Hall

Overview

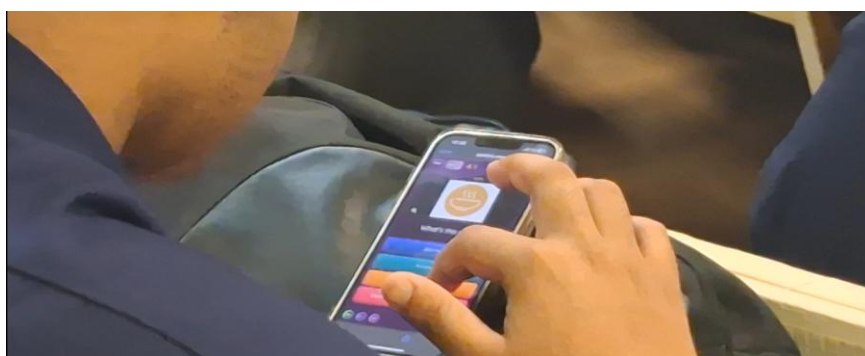
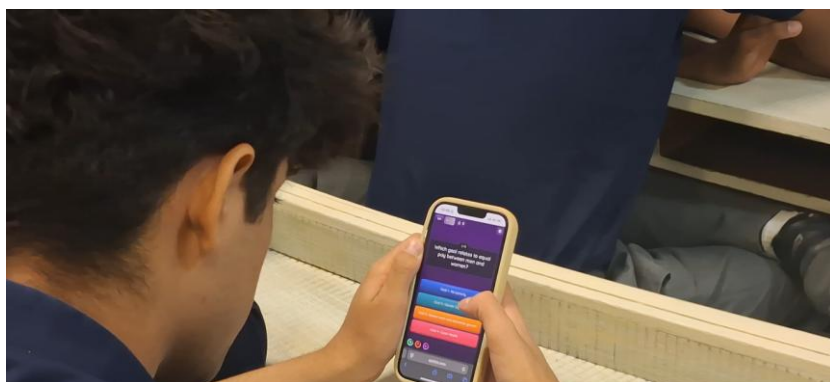
Dr. Kanika and Dr. Ravi Dandotiya conducted an enlightening and interactive session focused on the United Nations Sustainable Development Goals (SDGs). The session was designed to raise awareness among students about pressing global sustainability challenges and to inspire a deeper understanding of the



goals aimed at building a more sustainable and equitable world. Through thought-provoking discussions and real-world examples, the facilitators emphasized the importance of individual and collective action in addressing environmental, social, and economic issues.

Following the session, a mindful and engaging quiz was conducted to reinforce the key concepts shared and to encourage active participation. Students enthusiastically took part in the quiz, demonstrating their curiosity, knowledge, and commitment to sustainable development. The activity not only served as an educational tool but also fostered a sense of responsibility and awareness among the participants.

To recognize and celebrate their efforts, winners of the quiz were awarded **Green Warrior Badges**, symbolizing their dedication to environmental stewardship and their proactive approach toward sustainability. The entire event proved to be a meaningful experience, leaving students motivated to contribute positively to their communities and the planet.



Rank	First Name	Last Name	Total Questions Attempted	Accuracy	Score	Correct	Total Time Taken
1	Harbaani	Kohli	15	100%	15760	15	00:01:19

2	Tanish	Khurana	15	100%	17340	15	00:01:19
3	Prem	shillong	15	100%	15990	15	00:01:42
4	aashriya		15	100%	15310	15	00:01:47
5	Yuvraj		15	100%	15590	15	00:01:48
6	Kritika		15	100%	14550	15	00:02:09
7	Isham		15	100%	16090	15	00:02:58
8	Gursheen		15	100%	14740	15	00:03:17
9	Jyotiraditya		15	100%	16630	15	00:04:51
10	Pichkari	lala	15	93%	13860	14	00:01:14
11	Archit		15	93%	13860	14	00:01:15
12	Reva	Chhabra	15	93%	13680	14	00:01:16
13	Lakshmi		15	93%	13210	14	00:01:37
14	Ridhima		15	93%	13430	14	00:01:38
15	Gurman	bajwa	15	93%	14700	14	00:02:15
16	Neev		15	93%	13250	14	00:02:23
17	Satvika	Vashist	15	93%	13790	14	00:02:24
18	Sarleen		15	93%	13310	14	00:02:30
19	Meera	Dhillon	15	93%	13680	14	00:03:20
20	S	Singh	15	87%	12800	13	00:00:46
21	S	Singh	15	87%	13780	13	00:01:12
22	Tanmay		15	87%	13460	13	00:01:27
23	Shivmeet	Singh	15	87%	12360	13	00:01:39
24	Pratishtha		15	87%	12640	13	00:01:41
25	Shrey		15	87%	12990	13	00:02:25
26	Mankirat		15	87%	13360	13	00:02:34
27	Drishti		15	87%	12970	13	00:02:49
28	Bishavjit	Singh	15	87%	12340	13	00:03:06
29	Eknoor	Jhaji	15	87%	12310	13	00:03:14
30	Japleen		15	87%	13860	13	00:03:52
31	Ishdeep	singh bal	15	87%	12660	13	00:04:12

32	sukrit		15	87%	12720	13	00:05:04
33	ishu		15	80%	11880	12	00:01:25
34	Arshia		15	80%	11360	12	00:01:34
35	Rudraksh		15	80%	11300	12	00:02:34
36	Soham		15	80%	11950	12	00:02:49
37	Bhuvan	saini	15	80%	11030	12	00:02:58
38	Akshay		15	80%	11700	12	00:03:17
39	Divjot		15	80%	11540	12	00:03:28
40	Bhavya	Dhiman	15	73%	11240	11	00:01:37
41	Atharva		15	73%	10070	11	00:02:33
42	WASUP	LIL BRO	10	67%	10880	10	00:00:38
43	Waris	khara	10	67%	10820	10	00:01:09
44	Anya	Sharma	15	67%	9580	10	00:01:12
45	Harleen	kaur	15	67%	9810	10	00:02:24
46	Vivek	Khatri	15	67%	9550	10	00:02:31
47	Arsh	chaudhary	10	60%	8740	9	00:07:12
48	Nagpal		15	53%	7140	8	00:01:12
49	Harshpreet		15	53%	7970	8	00:02:19
50	Akshita		15	47%	6580	7	00:01:27
51	Sehaj		15	47%	6960	7	00:01:27
52	SHIVA		15	47%	6530	7	00:02:19
53	Shaanyu	Mehta	15	40%	5600	6	00:00:41
54	Yaeisha		7	40%	6180	6	00:00:42
55	Mitul	Sharma	6	33%	5100	5	00:00:16
56	Idha	Sood	4	27%	4000	4	00:00:10
57	Kritika		4	27%	3980	4	00:00:23
58	Atharva	Babber	5	27%	4000	4	00:00:26
59	Soham		4	27%	3960	4	00:00:33
60	Jhatt		2	13%	1970	2	00:00:27
61	Priyanka	Sidhu	6	13%	2000	2	00:01:10

62	Sehajveer		4	7%	1000	1	00:00:19
63	Drishti		0	0%	0	0	00:00:00
64	Gigniaggq		0	0%	0	0	00:00:00
65	Harbaani	Kohli	0	0%	0	0	00:00:00
66	Karanveer	Singh	0	0%	0	0	00:00:00
67	Khushi		0	0%	0	0	00:00:00
68	Nigger	saini	0	0%	0	0	00:00:00
69	Nitin	kumar	0	0%	0	0	00:00:00
70	Pratishtha	nayyar	0	0%	0	0	00:00:00
71	Shruti	Sharma	0	0%	0	0	00:00:00
72	Soumya	singh	0	0%	0	0	00:00:00
73	Ss		0	0%	0	0	00:00:00
74	Sukhwinder	Singh	0	0%	0	0	00:00:00
75	Yaeisha	Sharma	0	0%	0	0	00:00:00
76	gigganiqqa		0	0%	0	0	00:00:00
77	Drishti		1	0%	0	0	00:00:11

Name	Value
Game Started On	Thu 29 May 2025,12:35 PM
Game Type	Live Quiz
Participants	71
Total Attempts	77
Class Accuracy	59%
Game Ends On	Thu 29 May 2025,12:43 PM





**IMMERSION
PROGRAMME**



Centre of
Excellence for
Sustainability

FOR STUDENTS FROM CHITKARA INTERNATIONAL SCHOOL (30 MAY 2025)

<p>CREATING BIO-ENZYMES</p> <p>Learn to turn kitchen waste into eco-friendly cleaners in our hands-on bioenzyme-making workshop.</p> <p>Resource Person : Prof. Manpal Singh Setia</p> <p>🕒 12:00 PM - 01:00 PM</p> <p>📍 Photo Studio, 3rd Floor, Picasso Block</p>	<p>PAPER RECYCLING</p> <p>Discover how to turn waste paper into reusable sheets in our fun paper recycling workshop.</p> <p>Resource Person : Mr. Sanjeev Kumar Bhardwaj</p> <p>🕒 12:00 PM - 01:00 PM</p> <p>📍 Paper Recycling Plant</p>
<p>REPURPOSING PLASTIC BOTTLES</p> <p>To creatively repurpose plastic bottles into useful and decorative items.</p> <p>Resource Person : Mr. Hamid Raza</p> <p>🕒 12:00 PM - 01:00 PM</p> <p>📍 Einstein Hall, Galileo Block</p>	<p>WASTE TO WEALTH (PAPER PULP)</p> <p>Turn paper waste into valuable crafts in Waste to Wealth paper pulp workshop.</p> <p>Resource Person : Mr. Raman</p> <p>🕒 12:00 PM - 01:00 PM</p> <p>📍 Sculpture Studio, 2nd Floor, Ramanujan Block</p>

Day 2: 30th May 2025

1. Creating Bio-Enzymes

The hands-on workshop on bio-enzymes was conducted by Prof. Manpal Singh Setia. During the session, they learnt to create bio-enzymes — natural cleaners made from citrus peels, jaggery, and water. This eco-friendly initiative not only introduced students to the science behind fermentation but also highlighted the importance of reducing chemical use and reusing organic waste. The activity fostered curiosity, innovation, and a strong sense of environmental stewardship among the young learners.



2. Paper Recycling

The hands-on workshop on bio-enzymes was conducted by Mr. Sanjeev Kumar Bhardwaj. In this engaging, hands-on session, students learned the process of transforming used paper into recycled sheets through soaking, pulping, and pressing techniques. The workshop not only emphasized the importance of reducing paper waste but also encouraged students to adopt sustainable practices in their daily lives. The experience empowered young minds with the knowledge and skills to contribute positively to the environment.



3. Repurposing Plastic Bottles

The hands-on workshop on bio-enzymes was conducted by Mr. Hamid Raza (Senior Horticulturist). Through this hands-on session, students learned the importance of recycling and sustainable living. By turning waste into useful planters, they not only nurtured greenery but also contributed to reducing plastic pollution. The activity inspired creativity, environmental awareness, and a sense of responsibility towards a cleaner, greener future.



4. Waste to Wealth (Paper Pulp)

The hands-on workshop on bio-enzymes was conducted by Mr. Raman. Students learnt to make eco-friendly products using recycled paper pulp, transforming waste into useful items through creativity and teamwork. This hands-on experience not only enhanced their understanding of recycling but also encouraged responsible environmental practices. The session empowered students to think innovatively and contribute to a more sustainable future.



Conclusion

The **Immersion Programme** successfully engaged students in both theoretical and practical aspects of sustainability. By participating in quizzes and interactive workshops, students enhanced their understanding of environmental responsibility and innovative reuse of resources. The awarding of **Green Warrior Badges**



Event Name: -	World No Tobacco Day
Venue: -	Radio 107.8 FM, Picasso block
Date: -	31 st May, 2025
SDG Number, Name and NEP: -	3- Good health and Wellbeing, 4-Quality Education, 13-Climate Action, and NEP: - 1
Organized By: -	National Service Scheme, Chitkara University, Punjab
Number of Participants: -	4
Duration: -	One Day

Not every fire warms you—some burn you from within.

On 31st May 2025, Chitkara University, Punjab observed World No Tobacco Day through a thought-provoking radio talk titled “Smoking is Not Cool.”

Organised by the Office of Student Affairs and hosted by Mr. Aadarsh Kumar, the discussion featured an esteemed panel:

Dr. Rajwinder Kaur (Professor & NSS School Officer, Chitkara College of Pharmacy), Dr. Saksham Sahni (Assistant Director, Office of Student Affairs), and Dr. Roopika Sabharwal (Assistant Professor, Department of Physiotherapy & NSS School Officer, Chitkara School of Health Sciences).

Together, they unpacked the real reasons why youth fall into the trap of smoking—from peer pressure to misplaced ideas of “coolness”—and spoke candidly about the long-term physical and emotional toll it takes. The conversation also addressed how movies and music normalize harmful habits, and why unlearning those perceptions is key.

The session reminded us that awareness alone isn’t enough—what we need is courage, clarity, and honest dialogue.



SDG 13 (CLIMATE ACTION) JULY 24 – JUNE 25

Detail of the Event/Session	
Date of the Event/Session	4 th June 2025
Name of the Event/Session	Mending Workshop – An earnest effort to reuse/repurpose clothes.
Resource Person	Mr. Ravinder Singh
Organized By	Office of Administration in collaboration with CUCES & CDS
Trainee Team/Count	Supporting staff/Supervisors/ 58
SDG Covered	5,12,13,17

Overview

The Office of Administration, in partnership with the **Centre of Excellence for Sustainability** and **Chitkara Design School**, conducted a two-day **Mending Workshop** for women support staff at Chitkara University. This hands-on training initiative aimed to promote **sustainable living practices** by teaching participants how to **repair, repurpose, and creatively reuse old garments** through fundamental stitching and mending techniques.

Facilitated by **Mr. Ravinder Singh**, Lab Technician from the Fashion Design Department, the workshop provided practical guidance in **hand stitching, patchwork, and embroidery**, empowering participants to extend the lifespan of their clothing while reducing textile waste.

Workshop Highlights

1. Interactive Learning & Practical Application



- Participants brought **personal garments and materials** (fabric, thread, needles) from home, allowing them to work on meaningful projects.
- Under expert supervision, staff practiced:
 - **Basic hand-stitching techniques** (running stitch, backstitch, hemming, button attachment)
 - **Machine stitching** on provided tailoring equipment
- Many participants successfully **repaired suits, stitched pillow covers, and even crafted dresses for their children**, fostering a sense of accomplishment.

2. Sustainable Practices & Key Takeaways

The workshop emphasized:

- **Reducing textile waste** by repairing instead of discarding damaged clothing
- **Cost-saving benefits** of mending garments at home
- **Environmental responsibility** through mindful consumption
- **Creative repurposing** of old fabrics into functional items

3. Women's Empowerment & Skill Development

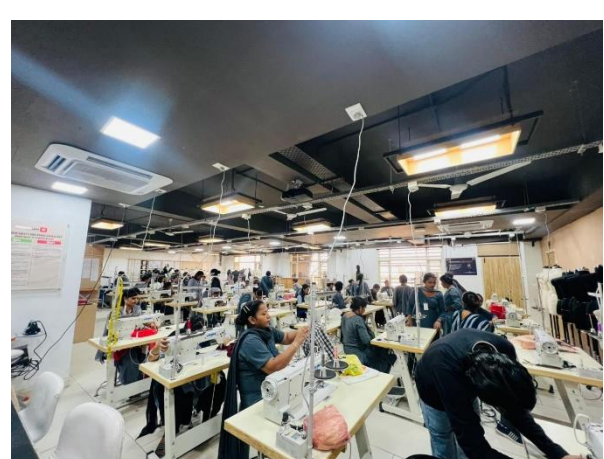
Beyond sustainability, the workshop:

- Encouraged **self-reliance and creativity** among participants
- Recognized the **dual role of women** as professionals and homemakers
- Provided **practical skills** to enhance confidence and independence

Conclusion

The **Mending Workshop** successfully combined **sustainability education with skill-building**, aligning with Chitkara University's commitment to **environmental stewardship and workforce empowerment**. Participants left equipped with **practical techniques** to reduce household waste, save costs, and contribute to a **culture of reuse and resourcefulness**.

This initiative highlights how **small, skill-based interventions** can foster **economic resilience, environmental awareness, and personal growth** among support staff. The university looks forward to organizing more such **inclusive, capacity-building programs** in the future.



SDG 13 (CLIMATE ACTION) JULY 24 – JUNE 25

Event Name	SustainaStaff – Series 1: Repot & Replant
Date	5 June 2025
Venue	Basement LHS, Picasso Block
Organizer	Centre of Excellence for Sustainability
Resource Person	Mr. Hamid Raza
Number of Participants	32
SDGs Covered	12,13,15

Overview

On the occasion of World Environment Day (5th June 2025), the Centre of Excellence for Sustainability at Chitkara University organized the first edition of the “SustainaStaff” series, titled “Repot & Replant.” The event was aimed specifically at faculty members and was designed as a hands-on activity promoting sustainable gardening practices.

Objective

The primary objective of this event was to engage university staff in sustainable practices by:

- Reusing and repurposing Plastic bottles and containers.
- Replanting greenery using eco-friendly methods.
- Creating aesthetically pleasing potted plants with minimal environmental impact.
- Promoting awareness about sustainability and responsible consumption.



Session

The session commenced with an expert talk and demonstration by **Mr. Hamid Raza**, a senior horticulturist known for his expertise in sustainable planting methods. Mr. Raza’s session was interactive and allowed participants to clarify doubts and gather practical knowledge on plant care and eco-friendly gardening.



Hands-on Activity

Following the demonstration, the participants actively engaged in the **Repot & Replant** activity. Under Mr. Raza's guidance, faculty members:

- Created beautiful potted plant arrangements using upcycled bottles/containers.
- Used some creativity to make pots special.
- Practiced replanting techniques aimed at improving plant survival rates.

This practical experience was not only therapeutic but also educated participants about incorporating sustainability into daily life and workspaces.





Participation and Engagement

- The event saw enthusiastic participation from faculty across various departments.
- Attendees appreciated the blend of knowledge sharing and experiential learning.



SDG 13 (CLIMATE ACTION) JULY 24 – JUNE 25





Conclusion

The SustainaStaff – Repot & Replant event was a successful beginning to what promises to be a valuable and impactful series. It not only provided faculty with a refreshing and engaging activity but also reinforced Chitkara University's commitment to environmental sustainability. Participants left with their own handcrafted potted plants and a renewed sense of ecological awareness.

Event Name	Plantation Drive – World Environment Day 2025
Date	5 June 2025
Venue	Rockefeller Block & Omega Zone
Organizer	Centre of Excellence for Sustainability in collaboration National EduTrust of India (NEI)
Resource Person	Mr. Hamid Raza
Number of Participants	135
SDGs Covered	13,15

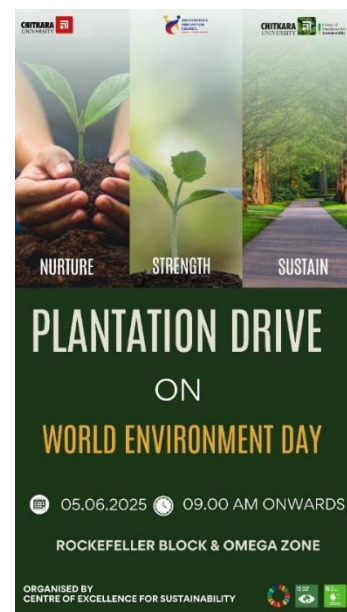
About the Activity

Chitkara University proudly celebrated World Environment Day 2025 on 5th June through a series of impactful and inclusive events aimed at promoting environmental stewardship, sustainable action, and awareness among faculty, students, and the wider community. The events were organized by the Centre of Excellence for Sustainability, in association with the Institution's Innovation Council (IIC) and in collaboration with the National EduTrust of India (NEI).

Activity 1: University-Wide Plantation Drives

A large-scale plantation initiative was held at the Rockefeller Block and Omega Zone, with the participation of 135 faculty members from over 25 departments. This drive, conducted as part of the IIC's sustainability agenda, was supported logistically by the Department of Horticulture and the Office of Administration. Departments such as Nursing and CUIET – Applied Engineering stood out with the highest participation.

The plantation drive received strong support and guidance from the university leadership and faculty members, whose active involvement greatly contributed to its success. Notable contributors included **Prof. Amit Mittal**, Pro Vice Chancellor, **CRIO**; **Prof. Harpreet Bhatia**, Pro Vice Chancellor, **Office of Talent Management**; and Sr. Director **Dr. Nitin Saluja** from **CURIN**. Valuable support also came from **Col. Rakesh Sharma**



of the Registrar's Office, Dr. Ajay Goyal from the Department of Civil Engineering, and Dr. Adarsh Kumar Agarwal, Vice President of CIIF. Additionally, Dr. Harmeet Kaur Kang and Dr. Kanika from the Department of Nursing, along with Prof. Amit Vohra from the Chitkara College of Hospitality, played active roles in mobilizing their teams. Operational coordination was significantly aided by Mr. Sanjeev Bhardwaj from Civil and Fire Safety, Mr. Karthik Sharma from the Purchase Department, and Mr. Gurupal Singh from the Central Store. Their collective leadership and enthusiasm helped foster widespread participation and underscored the university's unified commitment to environmental sustainability.

Their leadership played a key role in driving participation and morale, reinforcing the university's commitment to **SDG 13 – Climate Action** and **SDG 15 – Life on Land**.

Student-Led "Each One, Reach One" Drive
Simultaneously, the **Ecolution Club**, under the guidance of the Centre of Excellence for Sustainability and in collaboration with the **School of Maritime Studies**, led a unique student plantation campaign. With the motto "*Each One, Reach One*", the initiative aimed to promote peer-driven ecological responsibility. A total of **21 students** registered and participated actively, planting native and oxygen-producing trees on campus and in nearby communities. Students documented and shared their experiences to inspire broader involvement and develop a sense of environmental ownership.

Activity 2: Online Quiz on Environmental Awareness and SDGs

To complement field activities with intellectual engagement, an online quiz was conducted to test and enhance students' knowledge of environmental issues and the Sustainable Development Goals (SDGs).

- **123 students** from multiple departments participated.
- Topics included climate change, biodiversity, renewable energy, waste management, and SDGs.
- The quiz fostered curiosity and self-learning.
- Winners were recognized with **Green Warrior Badges** for their awareness and enthusiasm toward sustainability.

This quiz session was thoughtfully conducted after an interactive awareness session by **Dr. Kanika** and **Dr. Ravi Dandotiya**, who educated participants on the SDGs and global sustainability efforts.

Impact and Reflections

The World Environment Day 2025 celebration at Chitkara University successfully combined hands-on activities with educational components, embodying the spirit of **SDG 4 – Quality Education**, **SDG 13 – Climate Action**, **SDG 15 – Life on Land**, and **SDG 17 – Partnerships for the Goals**.

Participants expressed enthusiasm and gratitude for the opportunity to make meaningful environmental contributions. Faculty mentors and sustainability leaders praised the student initiatives and the high level of cross-departmental collaboration.

This day-long celebration stands as a strong testament to Chitkara University's unwavering dedication to fostering a culture of sustainability and empowering both faculty and students to be active global citizens.



SDG 13 (CLIMATE ACTION) JULY 24 – JUNE 25







SDG 13 (CLIMATE ACTION) JULY 24 – JUNE 25



CUCES Team

Conclusion

A total of **135 faculty members** from over **25 departments** took part in this impactful initiative, planting **135 saplings** to support a greener environment. The **Department of Nursing & CUIET- Applied Engineering** emerged as the leading contributor with **17 participants**, earning special appreciation for their proactive involvement and commitment to environmental responsibility.

Event Name	NSS Activity
Topic	Rally on World Environment Day
Date	6 th 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 Name	World Environment Day
Date	07 th June 2025
Venue	Google Meet
Organizer	Department of Education
Resource Person	Dr. Reena Chadha, General Manager, Indian Pollution Control Association
Number of Participants	35
SDGs Covered	4, 13, 17
Duration	One hour

About the Activity

The Department of Education, in collaboration with Chitkara School of Psychology and Counselling and Women's Indian Chamber of Commerce and Industry - Corporate Social Responsibility, commemorated World Environment Day under the United Nations theme of #BeatPlasticPollution on 7th June 2025 in virtual mode. This year's celebrations aim to raise awareness about the harmful impact of plastic waste on ecosystems, wildlife, and human health while promoting sustainable solutions. The resource person for the session was Dr. Reena Chadha, General Manager, Indian Pollution Control Association.

Dr. Chadha highlighted the alarming levels of plastic pollution that have reached a global crisis. Every year, over 400 million tons of plastic are produced, yet less than 10% is recycled. This unchecked waste has infiltrated ecosystems, with microplastics—tiny plastic particles—even being detected in human blood, raising serious health concerns. She mentioned the widespread use of plastic is deeply ingrained in modern convenience, praised for its affordability and durability. However, these very qualities make it a persistent environmental hazard.


To combat this crisis, embracing the 4R's—Reduce, Reuse, Recycle, and Recover—is essential. Reducing plastic consumption by opting for sustainable alternatives like biodegradable packaging can significantly cut waste at its source. Reusing items—choosing refillable and durable products—extends their lifespan and minimizes unnecessary disposal. Recycling must be prioritized with efficient waste segregation and improved processes that transform discarded plastic into reusable materials. Finally, recovering energy from plastic



waste through advanced technologies can provide a sustainable approach to managing pollution.

Reena Chadha (Presenting, annotating)

What is Environment? A Common Resource or Property ?

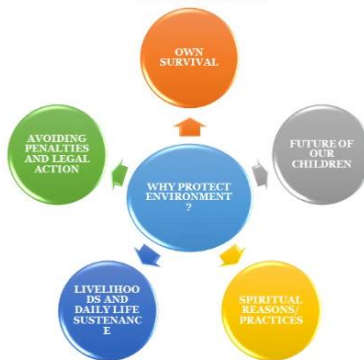


A sum total of all the living and non-living elements and their effects that influence human life. While all living or biotic elements are animals, plants, forests, fisheries, and birds, non-living or abiotic elements include water, land, sunlight, rocks, and air.

1:34 PM | World Environment Day 2025

Reena Chadha (Presenting, annotating)

Here are five reasons why protecting our environment is essential?



1:38 PM | World Environment Day 2025

Event Name	World Day to Combat - Desertification & Drought
Date	17 June 2025
Venue	Chitkara Woods
Department	Centre of Excellence for Sustainability in collaboration with Office of Administration
Resource Person	Mr. Hamid Raza, Senior Horticulturist, Office of Infrastructure
Number of Participants	
SDGs Covered	13,15,17

Objective of the Event

To raise awareness about the pressing global issues of desertification and drought and to engage the university community in sustainable environmental practices.

Key Highlights

• Resource Person

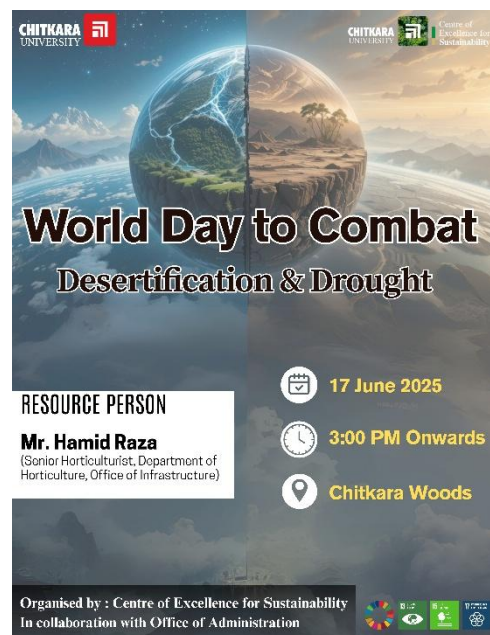
Mr. Hamid Raza (Senior Horticulturist, Department of Horticulture, Office of Infrastructure) addressed the attendees on the significance of land conservation, the impacts of desertification, and the importance of community participation in sustainability efforts. He also emphasized the critical roles of water conservation and prevention of soil erosion.

• Activity Conducted

As part of the awareness campaign, the support staff team took the lead in constructing a retaining wall across Chitkara Woods using plastic bottles. This innovative and eco-friendly initiative not only contributed to soil conservation but also promoted the reuse of non-biodegradable waste, reinforcing the message of sustainable development.

• Staff Engagement

The support staff participated actively in the event, showcasing their enthusiasm toward environmental responsibility. The initiative served as a hands-on demonstration of practical



solutions to combat land degradation and fostered a deeper understanding of eco-conscious practices.

Impact and Outcome

- Created awareness among the university community about the adverse effects of desertification and drought.
- Promoted the use of recycled materials (plastic bottles) in infrastructure as a model for environmental protection.
- Strengthened cross-departmental collaboration in sustainability initiatives.







Conclusion

The event marked a meaningful step in educating and empowering the Chitkara University community to act against environmental degradation. The collaborative efforts displayed during the event demonstrated effective, practical sustainability practices and highlighted the university's commitment to environmental stewardship and the United Nations Sustainable Development Goals (SDGs).

EVENT DETAILS	
EVENT TYPE	WORKSHOP
TOPIC	NATIONAL WORKSHOP ON " SUSTAINABLE SYNERGIES: SMART PATHWAYS TO CLEAN WATER CIRCULAR ECONOMY AND CLIMATE ACTION"
DATE	2025-01-20 to 2025-01-20
MODE	OFFLINE
ORGANIZER NAME	PROF. DR. THAKUR GURJEET SINGH
RESOURCE PERSON	PROF. AHMAD HOSSEINI- BANDEGHARAEI, PROFESSOR
NO. OF PARTICIPANTS	48
SDG NO	3, 4, 6

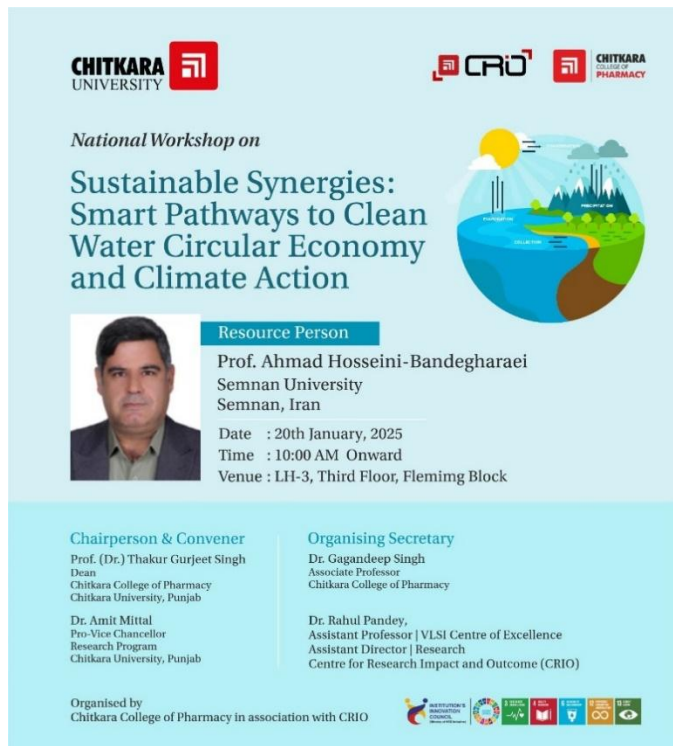
OBJECTIVE



To promote awareness and understanding of integrated approaches to water conservation, climate resilience, and sustainable resource management.

To explore innovative technologies and smart solutions that support clean water access, wastewater recycling, and circular economy practices.

To foster multidisciplinary collaboration among academia, industry, policymakers, and community stakeholders for environmental sustainability.


To equip participants with actionable strategies for implementing climate-smart water management and sustainable development goals (SDGs).



CHITKARA UNIVERSITY   **CHITKARA COLLEGE OF PHARMACY**

National Workshop on


**Sustainable Synergies:
Smart Pathways to Clean
Water Circular Economy
and Climate Action**

 **Resource Person**
Prof. Ahmad Hosseini-Bandegharai
Semnan University
Semnan, Iran
Date : 20th January, 2025
Time : 10:00 AM Onward
Venue : LH-3, Third Floor, Fleming Block

Chairperson & Convener
Prof. (Dr.) Thakur Gurjeet Singh
Dean
Chitkara College of Pharmacy
Chitkara University, Punjab
Dr. Amit Mittal
Pro-Vice Chancellor
Research Program
Chitkara University, Punjab

Organising Secretary
Dr. Gagandeep Singh
Associate Professor
Chitkara College of Pharmacy
Dr. Rahul Pandey,
Assistant Professor | VLSI Centre of Excellence
Assistant Director | Research
Centre for Research Impact and Outcome (CRIO)

Organised by
Chitkara College of Pharmacy in association with CRIO



To inspire research, innovation, and entrepreneurial thinking in areas related to environmental protection and climate action.

DESCRIPTION

A National Workshop on “Sustainable Synergies: Smart Pathways to Clean Water Circular Economy and Climate Action” was organized by Chitkara College of Pharmacy in association with CRIO on 20th January 2025 at LH-3, Third Floor, Flemming Block, Chitkara University, Punjab. The expert session was delivered by Prof. Ahmad Hosseini-Bandegharai from Semnan University, Iran, a renowned academician and researcher in environmental sustainability. Prof. Hosseini-Bandegharai shared deep insights into sustainable water management practices, emphasizing the integration of clean water technologies, circular economy principles, and climate resilience strategies. He highlighted real-world case studies showcasing the impact of eco-innovations and international collaborations in addressing water scarcity and environmental challenges. The session aligned with Sustainable Development Goals (SDGs), especially SDG 6 (Clean Water and Sanitation) and SDG 13 (Climate Action). The workshop provided an excellent platform for students, researchers, and faculty to engage in knowledge exchange and explore interdisciplinary approaches for a sustainable future.

OUTCOMES

- Enhanced participant knowledge of sustainable water management practices and climate-resilient infrastructure.
- Increased awareness of circular economy principles and their application in water reuse, waste minimization, and resource efficiency.
- Development of collaborative networks among academia, industry, and government for future sustainability initiatives.
- Identification of innovative and scalable solutions for local and national environmental challenges.
- Empowerment of students and professionals to contribute actively toward achieving SDG 6 (Clean Water and Sanitation) and SDG 13 (Climate Action).



