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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.



- **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.

- **Document the Fashion Show as a Creative Expression of the SDGs**

Provided insights into the fashion show's theme centered around the 17 UN SDGs, showcasing how students used fashion as an innovative medium to raise awareness on each goal.

- **Showcase Sustainability Initiatives at the Sustainability Fair**

Summary of the Sustainability Fair, with nearly 40 stalls, that presented ideas, projects, and actions related to sustainability. Detail the participation of various colleges, schools, and departments in demonstrating their commitment to environmental conservation.

- **Acknowledge the Leadership and Inauguration by Dr. Madhu Chitkara**

Emphasized the role of Dr. Madhu Chitkara, Pro Chancellor of Chitkara University, in supporting and encouraging sustainability initiatives by inaugurating the fair and engaging with participants at each stall.

- **Promote a Campus-Wide Commitment to Green Practices**

Captured the event's objective of fostering a culture of environmental consciousness across the campus, highlighting collaborative efforts by students, staff, and faculty in contributing to a greener Earth.

- **Encourage Further Engagement in Sustainability Efforts**

Inspire the campus community and external readers to engage with and support sustainability efforts, emphasizing the impact of individual and collective actions toward achieving the UN SDGs.

- **Celebrate the Event's Success and Impact on the Campus Community**

Reflect on the success of the UN Day Celebration, capturing feedback from participants, the impact of the event on attendees, and future plans to continue promoting sustainable practices across the university.

Guidelines for Setting Up Stalls

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

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

- Offering products or services that contribute to sustainable living (e.g., zero-waste solutions, renewable energy products)

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

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



The poster features a light green background with a grid of dots on the right side. At the bottom, there is a graphic of a green globe with a leaf on top, connected to a green electrical plug on the left and a green shopping bag on the right. The text is arranged in a clean, modern layout.

CHITKARA
UNIVERSITY 

CHITKARA
UNIVERSITY  Centre of
Excellence for
Sustainability

STALL AT SUSTAINABILITY FETE

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

Deadline: 21st October



Click / Scan the QR for
Registration & Payment

Organised by: Centre of
Excellence for Sustainability

A VISIT TO THE SUSTAINABLE STALLS



At the Sustainability fair, with nearly forty stalls overflowing with ideas and actions undertaken on Sustainability, it was a fair that was one of its kind, where all colleges, schools and departments of the Campus showcased their contributions towards keeping the Earth Green! Hon'ble and Revered Pro Chancellor of Chitkara University, the very elegant Dr. Madhu Chitkara, inaugurated the Fair and was at each stall to encourage the students, staff and faculty. As always, she patiently understood what each contribution was, and shared her thoughts on how they could contribute even better and other ideas that they could work on!! She encouraged each participant to continue to work as passionately as they were towards the noble cause of staying green.





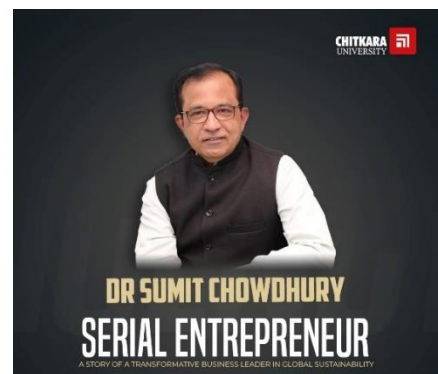
Dr. Sumit Chowdhury, Founder and CEO of GreenEarthX also visited all the stalls. While he interacted with all the students as they explained their projects, he went on and tried many of the projects created by the students, appreciated research projects, happily availed some of the health checkups at the Fair, and understood the efforts of Infrastructure operations. Students, faculty and staff from all colleges and schools visited the Fair and so did the International Faculty of Global Week. Students presented innovative projects and ideas, with startups rooted in sustainability principles joining the event. One team performed a nukkad naatak, while several departments organized games to creatively promote the message of sustainability.



FIRESIDE CHAT



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





FASHION SHOW



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



A VISIT TO THE YELLOW POINT FARM



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



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.



ACTIVITIES: DETAILED REPORT OF SUSTAINABILITY FAIR

Numerous departments gathered to celebrate and promote sustainable development by participating in an event filled with creativity, innovation, and commitment to a greener future. Each department set up stalls to exhibit their unique contributions to sustainability, showcasing products, solutions, and initiatives that align with the United Nations' Sustainable Development Goals (SDGs). This collective effort underscored the importance of cross-departmental collaboration in tackling global challenges such as climate change, resource efficiency, and social equity.

CHITKARA BUSINESS SCHOOL

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

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

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



CHITKARA SCHOOL OF HOSPITALITY MANAGEMENT

On October 24, 2024, in celebration of United Nations Day, students organized a stall to highlight Sustainable Development Goals (SDGs) 2 (Zero Hunger) and 12 (Responsible consumption and production). The department showcased a variety of activities and displays emphasizing the value of millets as a nutritious and sustainable food source. Key features included a display of a book on millets authored by our chefs, which underscored the grain's historical and nutritional relevance. Additionally, a range of millet-based products, such as cookies and muffins, was presented, showcasing their versatility in modern diets. The stall also displayed six types of millets, including foxtail, pearl millet, sorghum, and barnyard millet, allowing visitors to learn about these nutritious grains firsthand. Unique utensils—plates, bowls, spoons, and forks—made from millet were displayed as eco-friendly, biodegradable alternatives to conventional tableware. Visitors, including students and faculty, had the opportunity to taste millet products and were provided with information about their health benefits, thus raising awareness of the advantages of millet consumption. This initiative aimed to educate the community on sustainable food practices, the role of millet in fighting hunger, and the significance of traditional grains for a balanced diet.

Objectives

1. To promote awareness of Sustainable Development Goals, particularly SDG 2 (Zero Hunger) and SDG 12 (Responsible consumption and production), through interactive displays and activities.
2. To educate students and faculty on the nutritional benefits of millets and their role in a sustainable food system.
3. To introduce eco-friendly tableware made from millet as a viable alternative to single-use plastics, thus promoting environmental sustainability.
4. To encourage the inclusion of millet-based foods in daily diets, supporting both local agriculture and health.

Learning Outcomes

1. Enhanced understanding of the importance of sustainable food sources like millets in achieving zero hunger.
2. Increased knowledge about the health benefits of millets, encouraging students to incorporate them into their own diets.



3. Greater awareness of eco-friendly tableware options and their potential impact on reducing plastic waste.
4. Improved appreciation for traditional grains and the ways they can support both personal health and environmental sustainability.



CHITKARA COLLEGE OF PHARMACY

Chitkara University, Punjab organized SUSTAINABILITY FAIR to celebrate United Nations Day on October 24 in which different schools exhibited their activities based on 17 Sustainable Development Goals (SDG). Chitkara College of Pharmacy (CCP) showcases departmental activities to represent SDG 3 & 6 under the leadership of Professor & Dean, Dr Thakur Gurjeet Singh. The focused area in SDG 3 was impactful initiatives of department such as free health camps in adopted villages, where essential medical services are provided to the community, and awareness sessions on health and wellness. The students of CCP under the mentorship of Dr. Rajwinder Kaur, also emphasized environmental efforts, including tree plantation drives and cleanliness drives, aimed at promoting sustainable practices. This participation underscored the department's dedication to fostering health, environmental sustainability, and community welfare, aligning with SDG 3. SDG 6, was highlighted with awareness in water testing to nearby villages of Chitkara Campus, Rajpura which include school students, community people. The distributed low cost earthen pot to community was also demonstrated. The research activities to treat wastewater using eco - friendly approach was explained by JRF under the guidance of Dr Jyotsna Kaushal & Dr Gagandeep Singh. Faculty (of Global week) from Spain showed keen interest of low-cost water filtration unit. Pro Chancellor madam also appreciated the efforts of CCP for its contribution towards SDG 3 & 6.



CHITKARA DESIGN SCHOOL

The United Nations Day celebration at Chitkara University, organized by the Centre of Excellence for Sustainability, was held on 24th October 2024, at the Alpha Zone and Exploract: sustainability, innovation, and awareness, aligning with the UN's global goals. Students and faculty from the Department of Fine Arts participated actively, along with representatives' organizations and NGOs. The event featured a Sustainability Fair, where the Fine Arts Department showcased an array of creative projects and art pieces. Students presented sculptures of different mediums, sizes, and techniques used, along with the properties of oil and acrylic paints. This platform allowed them to engage with visitors, explaining how sustainable practice creation. A Sustainability Fete also took place, with stalls from Chitkara Mandi and the SOREM NGO selling sustainable products. The Fine Arts Department's stall was a popular attractor into the materials and processes used in their art, emphasizing the importance of sustainability in their work. In the Fireside Chat & Entertainment Program, held at the Exploratorium, followed by an entertainment segment that captured the day's spirit. The event was attended by Dr. Madhu Chitkara, who encouraged and motivated the students, leaving a lasting successfully raised awareness about sustainable practices in art, inspired students to explore sustainable methods, and allowed them to connect with a wider audience, reinforcing C sustainability and creative learning.



CHITKARA UNIVERSITY CENTRE FOR ENTREPRENEURSHIP EDUCATION & DEVELOPMENT (CEED)

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 jewelry, 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 3 - Good Health and Well-being** By improving access to healthcare resources and nutritious food, these startups are directly contributing to better health outcomes. Through innovative solutions like AI-powered blood donation platforms and mental health support tools, they are improving the overall well-being of individuals and communities.
- **SDG 12 - Responsible Consumption and Production** By adopting sustainable packaging and reusing materials in their production processes, these startups are reducing waste and promoting responsible consumption. They are demonstrating how businesses can contribute to a more sustainable and circular economy.
- **SDG 5 - Gender Equality and SDG 8 - Decent Work and Economic Growth** These initiatives are empowering women by providing them with training and economic opportunities. By fostering women's entrepreneurship and creating job opportunities, they are promoting gender equality and contributing to inclusive economic growth.
- **SDG 13 - Climate Action** Through their eco-conscious practices, such as reducing plastic waste and using sustainable materials, these startups are actively contributing to combating climate change and promoting environmental sustainability.

CHITKARA IMPACT

These efforts align with Chitkara University's commitment to sustainability, social responsibility, and innovation. By supporting and promoting these startups, Chitkara University encourages students to engage in projects that not only focus on business success but also create a meaningful, positive impact on society and the environment.

In conclusion, CEED startups are making significant strides toward achieving the SDGs. Their innovative solutions are improving health, promoting sustainability, and empowering marginalized communities. These startups are playing an essential role in fostering a culture of responsibility and impact at Chitkara University, reinforcing the importance of integrating SDGs into both business models and campus initiatives.



CHITKARA SCHOOL OF MASS COMMUNICATION

Chitkara School of Mass Communication presented a video showcasing the school's work toward the Sustainable Development Goals (SDGs). The video highlighted the efforts of both faculty and students in promoting sustainability through various platforms, including Chitkara Radio, video production, print media, and advertising.

The presentation included clips of awards the school has won for its SDG-related work, along with footage of radio sessions focused on spreading awareness, and TV and production projects aimed at tackling environmental issues. Through these activities, the school showed its commitment to supporting sustainability in creative and impactful ways. Students attending the fair were inspired by the school's dedication to sustainability. They enjoyed watching a documentary made by their peers and listening to a student-led radio show focused on health and well-being.

Overall, the event highlighted Chitkara School of Mass Communication's commitment to preparing students who are passionate about making a positive difference in the world through media and communication.



CHITKARA SCHOOL OF PSYCHOLOGY & COUNSELLING

Chitkara School of Psychology and Counselling actively participated in the Sustainability Fair held on October 24, 2024, from 9:00 AM to 1:00 PM, in front of the Newton Block. The event provided an excellent platform to showcase the department's commitment to sustainable practices and social responsibility, highlighting projects aligned with various Sustainable Development Goals (SDGs). A team of dedicated students and faculty members actively engaged with visitors, answering questions, and providing insights into the projects. Their enthusiasm and knowledge contributed to the overall success of the stall. The projects showcased were as follows:

1. **SDGs in India:** A series of visually appealing charts were presented to illustrate India's progress towards achieving specific SDGs. The charts highlighted key initiatives, challenges, and opportunities in areas such as poverty reduction, climate action, and gender equality.
2. **Mental Wellbeing:** Counselling psychology projects were showcased, focusing on the importance of mental health and well-being. Informative materials and interactive activities were designed to raise awareness about mental health issues and promote positive mental health practices.
3. **Water Sustainability:** Environmental Science (EVS) projects centered on water sustainability were displayed. The projects emphasized the critical role of water conservation, water quality, and sustainable water management. By actively participating in such events, the School of Psychology and Counselling reinforces its commitment to sustainability and social responsibility, making a positive impact on the community and the environment.



DEPARTMENT OF COMPUTER APPLICATIONS

Department of Computer Applications in collaboration with **Centre of Excellence for Sustainability (CES)** at Chitkara University, Punjab, was a vibrant and engaging event focused on fostering a sustainable future through holistic wellness and quality education. The fair brought together students, faculty, and members of the community to explore how individual and collective actions in these areas can lead to meaningful change.

The fair emphasized two primary SDG goals of Department: **Good Health and wellbeing** and **Quality Education**. The mental and physical health segment highlighted the connection between a strong mind and a healthy body, promoting wellness as a foundation for resilience and productivity. Interactive sessions and events organized in the Department during past months/years were showcased through creativity on canvas which offered participants insights into maintaining mental well-being and physical fitness, reinforcing the message that wellness begins within each individual.

Quality education was another central focus, highlighting its transformative power to change lives and create opportunities. The Department has always kept highest priority in delivering quality education which can empower individuals and strengthen communities, encouraging participants to value and support educational initiatives as part of a sustainable society. The work of Art showcased during the Fair highlighted how the students coming to the department being transformed into better individual in the society. As students engage in diverse experiences—collaborating with peers, interacting with mentors, and participating in extracurricular activities—they develop empathy, communication, and leadership abilities. These qualities empower them to make thoughtful contributions to their communities and the world, becoming individuals who are not only skilled professionals but also active, compassionate members of society who strive to create positive change.

The fair successfully fostered a deeper understanding of sustainability by connecting it to personal wellness and educational empowerment. Attendees actively engaged with the presentations and discussions, showing an enthusiastic response to the fair's message. This engagement reflects a growing commitment within the university community to prioritize sustainability in daily actions and long-term goals.



CHITKARA SCHOOL OF HEALTH SCIENCES

Chitkara School of Health Sciences (CSHS) at the SDG Fair organized at Chitkara University effectively demonstrated initiatives aligned with SDG 3 (Good Health and Well-Being), SDG 4 (Quality Education), and SDG 17 (Partnerships for the Goals). The event emphasized a holistic approach towards health, education, and collaboration. Visitors were introduced to a wide range of CSHS activities that support the SDGs. These included community care programs, health check-up camps, OPD services, collaborative events like free healthcare camps, expert talks, walkathons, workshops, industrial visits, conferences, and symposia. The “Healthy Lives, Strong Partnerships” canopy presented all these events, showcasing the breadth of CSHS’s commitment to health and education. Additionally, students contributed to the fair’s theme of sustainability by presenting creative exhibits made from best-out-of-waste materials. The second section, titled FitSync Station provided visitors with an engaging experience. Student volunteers guided attendees through various health screenings, including blood pressure, body mass index, vision checks, stereoscopic vision assessment, color vision tests, grip strength evaluation with a dynamometer, and hand coordination testing. It also featured a comprehensive fitness test battery, including squats, push-ups, plank exercises, and wobble board challenges. The SDG Fair concluded with positive engagement and feedback, underlining CSHS’s impactful role in fostering health, education, and meaningful partnerships for sustainable development.





DEPARTMENT OF NURSING

Department of Nursing, (CSHS), Chitkara University, Punjab participated in sustainability fete as a part of the UN Day celebration on 24th October 2024. The event included a stall to support and promote SDG 12, focusing on responsible consumption and production. The aim was to raise awareness of using natural resources efficiently and reducing waste, encouraging sustainability practices in daily life. The stall which was setup during fete had handmade diyas made from eco- friendly products. Students of the Department of Nursing sold handmade diyas and dedicated Henna (Mehandi) stall was set up where students applied henna designs to the hands of visitors.

By selling eco-friendly products, such as handmade diyas and natural henna, the fete promoted conscious consumerism, where people chose items that were both ethically produced and environmentally friendly.



Outcomes

This sustainability stall raised awareness and promoted **SDG 12** through a variety of activities. The event demonstrated how sustainable practices could be incorporated into everyday life.

CHITKARA SCHOOL OF PLANNING & ARCHITECTURE

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.



CHITKARA UNIVERSITY RESEARCH AND INNOVATION NETWORK

Innovations Showcased

Laryngoscope, Smart Ergonomic Portable Commode Chair, Smart Wheelchair Cum Bed, Anti-Theft Device for Rolling Shutters

On UN Day 2024, the IoT and Cloud Computing Lab presented a series of innovative prototypes designed to improve health, accessibility, and security, all aligned with the United Nations Sustainable Development Goals (SDGs). The event included live demonstrations, discussions with faculty, and interactive sessions with attendees to gather valuable feedback on each project. Our team showcased a series of projects focused on healthcare products covering good health and well-being (SDG 3) and Industry, innovation, and infrastructure (SDG 9). A summary of the activities and feedback is as follows:

1. Introduction and Overview

Upon arrival, the IoT and Cloud Computing team introduced the featured projects, outlining their purpose, benefits, and design elements aimed at addressing specific challenges. Each project was carefully described, with particular focus on its impact and practical applications.

2. Project Demonstrations

- **Laryngoscope:** Attendees learned about the enhanced design features that support healthcare accessibility. The patented device's functionality and potential applications in healthcare sector were demonstrated.

- **Smart Ergonomic Portable Commode Chair:** The team showcased this prototype's ergonomic features, focusing on ease of use, sanitation, and user comfort for the elderly and disabled.

- **Smart Wheelchair Cum Bed:** Participants observed the wheelchair's mobility, bed transformation feature, and additional automation for users with mobility limitations.

- **Anti-Theft Device for Rolling Shutters:** Demonstrated for its real-time security monitoring and anti-theft features, this device drew attention for its potential in safeguarding commercial properties.

3. Feedback and Insights

The event encouraged feedback from attendees, including healthcare professionals, students, and faculty, who actively engaged with each prototype. Key insights gathered included:

- The commode chair and wheelchair received positive feedback for their comfort, ease of handling, and accessibility.
- The anti-theft device was appreciated for its real-time security functionality, with suggestions for further customization to meet different security needs.
- In Laryngoscope participants noted that this device could significantly reduce costs while delivering high-quality imaging, making it a valuable tool for resource-limited healthcare settings. Its potential to expand access to high-standard diagnostics was widely appreciated, particularly for remote and rural healthcare applications.
- Smart Wheelchair Cum Bed: Positive feedback focused on its automation and ease of transformation between a bed and wheelchair. It is helpful during the traveling and commode assembly gives the ease to patients.

The attendees showed great interest in each device and provided constructive feedback on possible enhancements. Suggestions included refining automation features for the wheelchair and exploring customization options for the anti-theft device. These insights will be considered for future improvements.

The demonstration concluded with a collective discussion on the feedback received. The CURIN team expressed gratitude for the valuable input, reinforcing Chitkara University's commitment to continual innovation and collaboration with the community to achieve sustainable impact.



DEPARTMENT OF EDUCATION

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’.





CHITKARA HAPPINESS CENTRE

Chitkara Happiness Centre participated in the Sustainability Fair organized by Chitkara University to celebrate United Nations Day. The fair aimed to raise awareness about the 17 Sustainable Development Goals (SDGs) and promote sustainable practices. The Happiness Centre team represented the third goal "Good Health Wellbeing" and set up an engaging stall in which "Shuffle Your SDG" tested participants' knowledge by matching disposable cups with SDG logos. The "Green Race" required participants to choose an SDG and navigate obstacles like pollution, inequality, poverty, hunger, and war, symbolizing the challenges in achieving the goals. Finally, "Pin Your SDG" allowed participants to pin their chosen SDG on a board, visualizing collective commitment to sustainability. The event witnessed enthusiastic participation from students, faculty, and staff. Chitkara Happiness Centre's initiatives successfully raised awareness about SDGs, encouraged sustainable practices, and fostered community engagement. Chitkara Happiness Centre's participation demonstrated its commitment to promoting the UN's 2030 Agenda for Sustainable Development. By engaging the community in interactive and educational activities, the Centre inspired individuals to act towards achieving the SDGs.



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Theme and Message

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

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

Poster Design Elements

The poster prominently featured elements symbolizing peace and unity:

- **Doves with Olive Branches** Representing peace and harmony, the doves symbolize the United Nations' commitment to conflict resolution and the promotion of a peaceful global community.
- **Globe with Laurel Wreath** The globe depicts the world as a unified entity, embraced by laurel wreaths symbolizing victory and achievement. It reminds us of the shared responsibility to protect our planet and to foster cooperation among nations.

Significance of United Nations Day

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

Additionally, United Nations Day offers a moment to recognize the collaborative spirit necessary to address global challenges that no single nation can solve alone. As issues such as climate change, cybersecurity, and pandemics increasingly transcend borders, the role of the UN in facilitating global dialogue and cooperation becomes more critical than ever. The observance of this day also helps to promote a culture of empathy,



respect, and understanding among people from different nations and backgrounds, fostering an environment where diversity is celebrated as a strength rather than a dividing factor.

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

Conclusion

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





CHITKARA UNIVERSITY INSTITUTE OF ENGINEERING & TECHNOLOGY APPLIED ENGINEERING

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.



CHITKARA COLLEGE OF SALES AND MARKETING

Chitkara college of Sales and Marketing participated in the United Nations Day celebration organised by Chitkara University, Punjab. CCSM focused on awareness about heart disease and managing a healthy heart and healthy lives through Nukkad Natak and Poster Display designed for World Heart Day. A showcase of Management Development Programs conducted by CCSM as consultancy project for Chitkara University, Punjab. Also displayed the Industry Led Master Classes initiatives and Educational charts on earth and environment. Each activity was designed to encourage engagement of the students to understand Sustainable Development Goals and foster a deeper knowledge of global challenges related to health, education, environment, and economic growth and participate in the UN day for knowledge sharing.

Nukkad Natak – Dastaan-e-Dil: (Street Play on Heart Health) Student of MBA Sales and Marketing designed and acted a lively and interactive street play with the theme “Use Heart for Action - Healthy Heart for A Healthy Life” on World Heart Day and UN day on 24th October 2024. Aim of this play is to promote awareness about heart disease and the importance of maintaining a healthy heart for healthy lives. The play also addressed preventive care, healthy life styles and managing a healthy heart. This activity of the students emphasized the need for healthy living, preventive healthcare, and access to information on non-communicable diseases.

World Heart Day Posters Display: Students of MBA Sales and Marketing displayed the charts and posters designed for World Heart Day with theme “Use Heart for Action - Healthy Heart for A Healthy Life”. The aim of this activity to emphasized the need of healthy living and provide the information to wider audience about heart disease, preventive healthcare, healthy heart, heart functioning along with valuable insights.

Management Development Programs: CCSM showcase the professional training program conducted by CCSM as consultancy project for Chitkara University, Punjab. The aim of this activity to show case the glimpse of the trainings and contribution of academia in capacity building, Academia-Industry Collaboration, Professional Skill Development of the industry workforce and empower them with leadership qualities and foster a sustainable development in their career growth through new employment opportunities in the same organization which leads to industry and economic growth.

Industry Led Master Classes: Showcase the glimpse of master conducted for the students of MBA Sales and Marketing. Industry-led master classes are immersive learning experiences led by seasoned professionals from the industry who bring real-world insights, expertise, and Knowledge Sharing & Best-Practices directly to participants. These sessions

bridge the gap between academic knowledge and practical applications, enabling attendees to understand the latest industry trends, challenges, and strategies which make them ready for a quality jobs and develop professional skills and lifelong learning for economic growth and productivity and foster a sustainable career growth.

Educational Charts on Earth and Climate: The display included educational charts focused on water conservation, earth sustainability, and environmental protection



THE DEPARTMENT OF INTERDISCIPLINARY COURSES IN ENGINEERING (DICE)

The Department of Interdisciplinary Courses in Engineering (DICE) actively participated in the UN Day celebrations by showcasing three innovative projects: the Electric Bike (E-Bike), the Electric Tricycle, and the Electric Bicycle (E-Bicycle). The E-Bike is a high-efficiency, eco-friendly bike designed to minimize reliance on fossil fuels and reduce greenhouse gas emissions. The Electric Tricycle provides a versatile and accessible transportation solution for short-distance travel, catering especially to elderly and differently-abled individuals, promoting inclusivity alongside sustainability. The E-Bicycle is a lightweight and energy-efficient mode of transport designed for urban mobility, helping reduce traffic congestion and air pollution while encouraging eco-friendly travel options.

These projects align with SDG 7 (Affordable and Clean Energy) by promoting clean, renewable energy and reducing dependency on fossil fuels, SDG 9 (Industry, Innovation, and Infrastructure) through innovative advancements in sustainable transport technology, and SDG 11 (Sustainable Cities and Communities) by addressing urban mobility challenges, reducing pollution, and enhancing the quality of urban living.

Outcomes and Impact

The projects were well-received by attendees, sparking discussions on the integration of renewable energy with daily transportation and inspiring innovative thinking among students and faculty. The display underscored DICE's commitment to contributing to a sustainable future and fostering technological advancements in alignment with the SDGs.





OFFICE OF INFRASTRUCTURE DEVELOPMENT

The Office of Infrastructure Department at Chitkara University participated in an exhibition highlighting the university's commitment to sustainability across its infrastructure, maintenance, and campus landscaping. Our department showcased an array of sustainable products and practices implemented within the university, covering sectors such as sustainable infrastructure materials, paper recycling, energy conservation, and horticultural reuse.

Highlights of Exhibits

1. Sustainable Products in Infrastructure

- **Eco-friendly Building Materials:** We displayed materials with recycled content and low environmental impact, including certified green building materials used in our recent constructions. This exhibit highlighted our commitment to reducing the carbon footprint associated with construction and promoting long-term sustainability.

2. Paper Recycling Plant Products



- **Recycled Paper Products:** Our paper recycling plant exhibited products made from repurposed paper waste collected from various departments. Items such as recycled notebooks, office stationery, and paper-based packaging materials were on

display. This showcased our closed-loop recycling initiative aimed at reducing paper waste and promoting eco-friendly practices.

- **Educational Material:** Informational displays educated attendees on the recycling process and how repurposing paper waste contributes to environmental conservation by lowering landfill contributions and reducing deforestation.



Energy Conservation Measures in Electrical Maintenance

- **LED and BLDC Implementation:** The electrical maintenance team presented the university's ongoing transition to energy-efficient LED lighting and BLDC (Brushless Direct Current) fans. We highlighted the energy savings achieved thus far, with visual data showing a 20% reduction in overall energy consumption since implementation.
- **Renewable Energy Initiatives:** Our display included information on the university's renewable energy projects, such as the expansion of solar panels on campus rooftops.

Attendees were informed about our target for renewable energy production and how these efforts align with SDG goals for affordable and clean energy.



Reuse Products in Horticulture

- **Composting and Organic Waste Management:** The horticulture department showcased its on-site composting practices, which transform organic waste from campus kitchens and gardens into nutrient-rich compost for landscaping. This exhibit emphasized the role of composting in enhancing soil health, reducing chemical fertilizer use, and managing

waste sustainably.

- **Upcycled Garden Accessories:** The department displayed planters, vertical gardens, and other accessories made from repurposed and upcycled materials. Examples included old tires, reused wooden pallets, and discarded metal containers, demonstrating the department’s innovative approach to waste minimization through reuse.



On United Nations Day, the Office of Infrastructure Development at Chitkara University showcased several sustainability initiatives at **Yellowpoint Farms** to Chief Guest Dr. Sumit Chowdhury, reflecting the university’s commitment to the United Nations Sustainable Development Goals (SDGs). Highlights included a **Miyawaki forest**, promoting **biodiversity** (SDG 15), a **biogas plant** generating renewable energy from waste (SDG 7), and **organic waste composter** and **vermicomposting** units that reduce landfill contributions by converting food waste into compost (SDG 12). Additionally, **indoor plantations** improve air quality, supporting **SDG 3** by creating

healthier spaces. These initiatives underscore Chitkara University's dedication to sustainable practices, reinforcing its role in fostering an eco-conscious campus.



Impact and Feedback

The UN Day celebration provided a platform to educate attendees, including students, faculty, and guests, about the sustainable practices and products employed across our infrastructure. Feedback was overwhelmingly positive, with many expressing admiration for the university's efforts to integrate environmental responsibility into daily operations. The event fostered discussions on expanding these initiatives and reinforced the university's role as a leader in sustainability within the education sector.

Conclusion

The Infrastructure Department's participation in the UN Day celebration successfully highlighted Chitkara University's commitment to sustainability. By showcasing sustainable products, recycled materials, energy conservation efforts, and creative reuse practices, we have strengthened our alignment with the UN's Sustainable Development Goals and demonstrated our ongoing dedication to environmental stewardship.

CHITKARA CENTRE FOR GAME & IMMERSIVE DESIGN TECHNOLOGY

The United Nations Day Celebration 2024, organized by Chitkara University, highlighted sustainability and innovation through interdisciplinary participation across various departments and schools. The event aimed to promote awareness and application of the **Sustainable Development Goals (SDGs)** by showcasing diverse projects and initiatives. The **Chitkara Centre for Game & Immersive Design Technology** contributed significantly by presenting innovative board games and virtual reality experiences designed to educate, entertain, and promote sustainability.

Sustainable Development Goals (SDGs) Addressed

This year's event aligned with the following SDGs:

- **SDG 4:** Quality Education – Leveraging interactive and immersive technologies for enhancing learning experiences.
- **SDG 9:** Industry, Innovation, and Infrastructure – Showcasing cutting-edge innovations in game design and immersive technologies.
- **SDG 12:** Responsible Consumption and Production – Promoting resource-efficient digital solutions to reduce environmental impact.

Contributions from the Centre for Game & Immersive Design Technology

The Centre showcased the following key projects that embody these SDGs:

1. Hotel Trivia

Overview: "Hotel Trivia" is an educational board game designed by students to simulate real-life scenarios in the hospitality industry.

Gameplay: Players progress through floors of a hotel, encountering challenges and tasks related to room service, emergency scenarios, reception, kitchen, and other domains. The game features three types of blocks: blank blocks, question blocks, and surprise blocks. Surprise blocks simulate practical situations, including customer tips or challenges faced by hotel staff.

Educational Value: This game develops critical thinking, problem-solving skills, and domain-specific knowledge essential for hospitality professionals.

2. Beat Saber

Overview: Inspired by "Beat Saber Ultra," this VR game challenges players to slice blocks using saber corresponding to their color and directional indicators.

Gameplay Mechanics: The game requires precision and timing to slice red and blue blocks coming from the front, enhancing coordination and reflexes. The immersive VR environment ensures an engaging and interactive experience for players.

Educational and Entertainment Value: The game demonstrates the potential of VR technology in creating high-engagement activities, fostering innovation, and promoting physical activity.

Objectives

1. To highlight the role of interdisciplinary collaboration in addressing sustainability challenges.
2. To showcase innovative projects that utilize interactive and immersive technologies to promote the Sustainable Development Goals (SDGs).
3. To engage students and faculties in activities that foster awareness and application of SDG-focused solutions.
4. To encourage creative thinking and problem-solving through hands-on experiences in game design and immersive technologies.

Learning Outcomes

1. Improved understanding of the integration of technology and innovation in advancing SDGs.
2. Increased awareness of how immersive and interactive tools can enhance education and sustainability efforts.
3. Inspiration to leverage interdisciplinary approaches for addressing global challenges.
4. Recognition of the importance of creative and practical applications of game design and virtual reality in promoting sustainability.

