

Mehr Chand Mahajan DAV College for Women

Sector 36-A, Chandigarh (U.T.)

Institution's Innovation Council IIC 5.0 was established in the month of October 2022 after successfully organizing around 48 activities during its tenure as IIC 4.0. IIC 4.0@MCM received a 3.5-Star rating for its activities undertaken for the year 2021-22. IIC@MCM regularly organizes field visits for Problem identification, expert talks, and sessions on motivational stories of entrepreneurs, startup founders and Innovators. IIC@MCM is successful in creating awareness about Innovation, Startups, Entrepreneurship, Social entrepreneurship, and Intellectual Property Rights among its students. It is evident from the fact that many students are exploring the new avenues open to them as entrepreneurs.

Around 24 IIC members are registered Innovation Ambassadors at Ministry of Education's Innovation cell (MIC). They have conducted a total of 15 sessions on Entrepreneurship, Incubation, Design Thinking, Business Model Canvas, Business plan, Startup policy and IPRs. College has been awarded by Bionest-PU for developing innovation ecosystem. The award goes to our worthy principal Dr Nisha Bhargava for being instrumental in creating innovation ecosystem in MCM.



Team IIC@MCM

President Dr. Nisha Bhargava

Vice President Dr. Indu Arora

Convener Dr. Neetu

ARIIA Coordinator Dr Sarabjeet Kaur

Innovation Activity Coordinator Dr. Vandana Sharma

Internship Activity Coordinator Dr. Arshdeep Kaur

IPR Activity Coordinator Ms. Disha Sharma

Startup Activity Coordinator Dr. Kiran Jindal

NIRF Coordinator Dr Ritika Bansal

Social Media Coordinator Ms. Punam

Members

Ms. Chris Bindra Dr. Sandeep Kaur

Dr. Sunaina Jain Ms. Manpreet Kaur

Dr. Amandeep Kaur Ms. Sandeep Kaur

Dr. Purnima Bhandari Ms. Sonali Mehndiratta

Dr. Harjot Kaur Mann Ms. Pallavi Gupta

Dr. Rishu Dr. Jasleen Kaur

Dr. Renu Bala Dr. Runjun Sharma

Dr. Nisha Dawra Ms. Divya Sharma

Dr. Ketaki Dwivedi Dr Sahiba

Dr. Manika Kohli

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Workshop on "Be a Designing Entrepreneur using Photoshop" (5-10 September 2022)

Department of Computer Science and Applications under the aegis of IIC 5.0 organized a 6-day skill-based offline workshop on "Be a Designing Entrepreneur using Photoshop" from 5 to 10 September 2022. The resource persons for the workshop were Ms. Nikita, Freelance Graphics Designer and alumna of the college and Master Saiansh Sharda, Graphics Designer, and vlogger.

A total of 45 students and 3 faculty members attended the workshop and learned various aspects of graphics designing using Photoshop. The participants learnt using basic and advanced tools of photoshop and Image manipulation & enhancement. In the hands-on practical sessions, the participants created professional logos, brochures, advertisements, banners, and book covers. The students appreciated the workshop as they enhanced their expertise in this most demanded skill, and they recognized the professional aspects of this profession.

Principal Dr. Nisha Bhargava appreciated the efforts of the Department of Computer Science and Applications for organizing this workshop. She also appreciated the young resource persons for their skills and expertise.











Mehr Chand Mahajan DAV College for Women Sector 36-A, Chandigarh (U.T.)

www.mcmdavcwchd.edu.in

Department of Computer Science and Applications
Under the aegis of

Institute's Innovation Council (IIC 5.0) organizes

6-day Skill Development Workshop
Be a Designing Entrepreneur using Photoshop

5 to 10 September 2022

Resource Person: Ms. Nikita, Freelance Designer and Alumna, DCSA

Learning goals

- · Introduction to Designing and Photoshop
- · Elements of design in photoshop
- · Basic selection tools of photoshop
- · Advanced selection tools of photoshop
- · Image manipulation & enhancement
- Designing logo, brochure, advertisement, banner and book cover
- Venue: Computer Lab 3 | Time :1:15 pm to 3:15 pm
- Registration fee for workshop is Rs.100 and last date for registration is 2 September 2022. Registration link is https://forms.gle/B1fqf3LQqjhbfg4L6
- Certificates will be given after successful completion of the course.
- Seats are Limited. It will be purely on First Come First Serve Basis.

Ms. Deepti Sharda Ms. Punam Dr. Ritika Bansal Coordinators Dr. Indu Arora, Vice President, IIC@MCM Ms. Vandana Syal Co-Conveners Dr. Nisha Bhargava Convener, President (IIC@MCM) & Principal

INSTITUTION'S INNOVATION COUNCIL

Report on inaugural Session of 5G services

1 October 2023

Prime Minister Shri Narendra Modi launched 5G services on 1st October in Pragati Maidan, New Delhi. The main objective was to launch 5G technology and make students aware about 5G services and their impact on common man. PM inaugurated sixth edition of India Mobile Congress. 5G technology is the latest telecommunication network that is designed after 1G, 2G, 3G and 4G networks. Gujarat became the first state to have 100% district headquarters connected with robust True 5G network.

PM Modi emphasized that Bharat would help in developing, enhancing and implementing 5G technology. 5G will change the whole architecture of Internet and it will create many opportunities for students. Technology will reach to common man, and it will change the learning scenario among students and will help in their holistic development. Incentives were given for producing mobiles and creating digital infrastructure. As a result, common man of India is now digitally aware citizen.

After attending the PM's session, Students were made aware about 5G Technology by Dr Indu Arora, Vice president of IIC@MCM and Head of Department of Computer Science, through Power Point Presentation. Dr Indu shared that 5G is the fifth generation of technology standard for broadband mobile networks. It is the fastest communication network available in the world. While 4G offers speeds of 40-50 Mbps depending on the area and connectivity in India, 5G services would support speeds of 300 Mbps or more. can be used in three main connection service like Enhanced Mobile Broadband, Mission-critical communications, and the massive IoT as It is designed to connect virtually in high data speed, with high reliability and low latency. She further added that 5G is a unified platform than 4G. 5G can deliver up to 20 Gigabits-per-second (Gbps) peak data rates and 100+ Megabits-per-second (Mbps) average data rates. South Korea, China and United States are leading in building and deploying 5G technology. Australia and Canada have begun their 5G service and are currently expanding. Many cellphone companies have begun to upgrade 5G network into action in many countries over the world and in trial setup in other countries. In Nutshell, Students got awareness about 5G services and how they will be benefitted. Around 46 Students and 2 Faculty members attended the session.





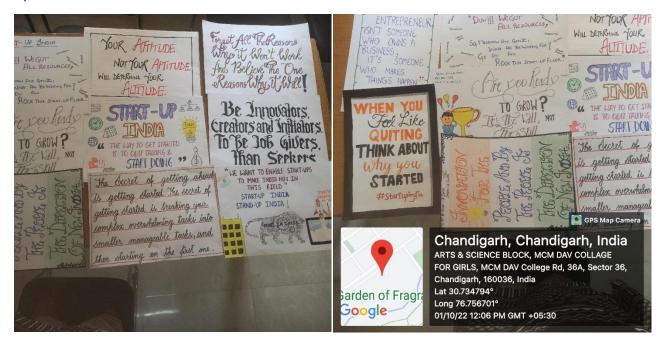
Slogan Writing Competition for Celebrating India Startup Day 01 October 2022

"Don't just keep your dreams local, make them global. Remember this mantra – let's innovate for India, innovate from India."

Prime Minister Narendra Modi

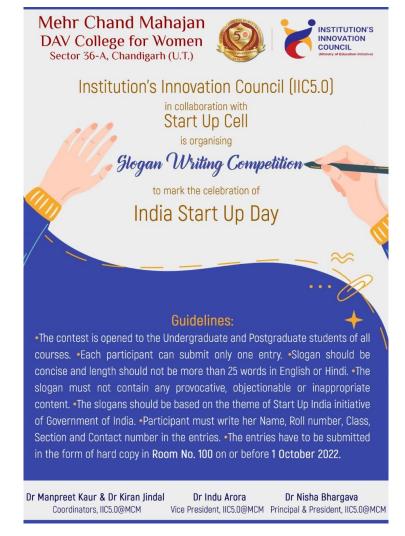
In order to mark the celebration of India Start Up day, Startup cell under the aegis of IIC 5.0 of the college organized a Slogan Writing Competition based on the theme of "Start Up India", an initiative of Government of India, on 1st October 2022. This competition was open for all streams in which participants submitted the artistically written slogans in hardcopy. Around 65 students participated in this activity with their innovative and self-created slogans. A total of 3 faculty members of IIC 5.0 coordinated this well received activity. Based on the content and presentation, three entries were selected winners. First prize went to Sonali Rawat of BA-III, second prize to Jashanpreet Kaur of B. Com-III and third prize went to Arshia Mahajan of B. Com-III.

The intent of conducting this competition was to divert the attention of students towards the phenomenal support provided to start ups that has propelled a surge in Innovation based jobs, funding of startups and breakthrough solutions that address problems existing around us locally and globally. This competition proved fruitful to the students as it enriched them with up-to-date knowledge of Start Up India Initiative.





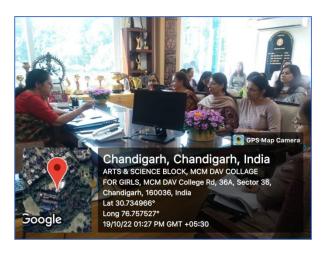




First Quarter Meeting of IIC 5.0

(19 October 2022)

First Quarter meeting of IIC 5.0 was hold on 19 October 2022 to chalk out its action plan. Dr Nisha Bhargava, Principal & President IIC 5.0, welcomed all members of newly formed 'Institute Innovation Council (IIC 5.0)'. She encouraged all members to invest their time in innovative activities. She apprised all members of the action plan of quarter 1 as per IIC Calendar, celebration and self-driven activities. Action plan of Quarter 1 was discussed, and it was resolved that college will organize Activities of quarter 1 as mentioned in IIC Calendar.





Mentoring Session & PPT Competition on "Innovations in Indian Industry" for celebrating National Innovation Day (15 October 2022)

An offline mentoring session followed by a Power Point Presentation competition for celebrating National Innovation Day - October 15 was organized by the Department of Computer Science & Applications (DCSA) under the aegis of IIC 5.0 on the topic "Innovations in Indian Industry" to celebrate National Innovation Day - October 15 and the Birth Anniversary of the Missile Man of India - Dr. A.P.J. Abdul Kalam. Dr. Indu Arora, Vice President (IIC 5.0), Innovation Ambassador and Head, Department of computer Science and Applications mentored the participants about the relevance of the day. A total of 52 students attended the session and 20 students presented PPTs. 5 faculty members participated in the event.

First winner, Ms Prabhjeet highlighted the innovation of fiber Optics in 1960 by Nariner Singh kapany (Father of Fiber optics) and how it brought revolution in the field of telecommunications. Second winner, Ms Anureet emphasized on how Pentium chip By Vinod Dham (Father of Pentium processors) in 1993 helped in increasing the speed of and performance of computers. Third winner, Riya explained the development and use of Aarogya Setu Indian App used in COVID-19. Few students discussed about PhonePe, Flipkart etc. Others discussed about role of Al, Machine Learning, and deep learning in brining revolution in overall industry.

Paytm app by Vijay Shekhar Sharma was also discussed. Google Chrome, a web browser by sunder Pichai in 2011 was also elaborated. Free web-based email services-Hotmail by Sabeer Bhatia, launched in 1996 was also discussed. USB by Ajay Bhatt in 1994 brought revolution in storage medias. Students also deliberated on Key drivers of growth in the IT sector and Share of IT industry in GDP of India. Students were awarded textbooks. The session provided a thorough insight to the students on the Innovations in Indian Industry and its impact on its GDP. A total of 52 students actively participated in the event and found the whole concept very interesting and informative.







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Sector 36, Chandigarh (U.T.)
Website: https://mcmdavcwchd.edu.in/





Department of Computer Science and Applications

under the aegis of

Institution's Innovation Council 5.0

organizes

Power Point (PPT) Presentation Competition

on the topic "Innovations in Indian Industry"

to celebrate National Innovation Day - October 15 and the Birth Anniversary of the Missile Man of India - Dr. A.P.J. Abdul Kalam

Date: 15/10/2022

Time 11.00 am

Venue: Room No 124 (Lab1)

Ms. Punam Coordinator Dr. Indu Arora Vice President, IIC@MCM Dr. Nisha Bhargava President (IIC@MCM) & Principal



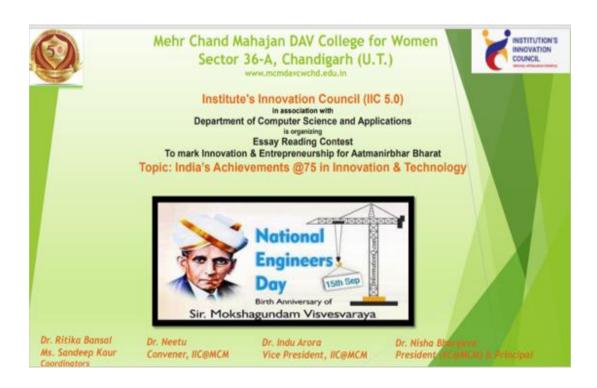


Essay Reading contest for celebrating National Engineer's Day (28 October 2022)

IIC 5.0 in association with DCSA organized an Essay Reading Contest on the topic "India's Achievements@75 in Innovation & Technology" to celebrate National Engineer's Day. The event was held on 28 October 2022. Engineer's Day is observed every year on September 15 on the birth anniversary of the legendary engineer Shri. Mokshagundam Visvesvaraya. 9 participants were shortlisted for reading their essays from 27 students who submitted their entries in the essay writing contest. The participants paid tribute to Visvesvaraya and commemorate the contributions of the engineers to the nation by elaborating the innovation made during last 75 years.

Participants elaborated the achievements of Indian innovators and engineers in the various fields of physics, mathematics, medicine, chemistry, and space studies and their role in development of India. To motivate and encourage the participants in such contests they were awarded textbooks. 41 students and 4 faculty members attended the event.

This competition was adjudged by Dr. Indu Arora and Dr. Ritika Bansal of DCSA. Ist Prize was awarded to Sanya of BCA-II, IInd to Surpreet of BCA-II and IIIrd to Nitika Prabhakar of BSc.II Medical.











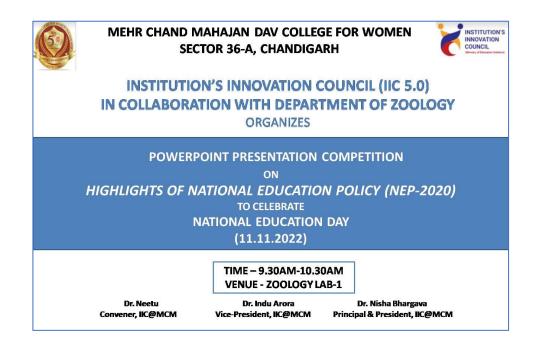
Mentoring Session and PowerPoint Presentation Competition on "Highlights of National Education Policy (Nep-2020)" for celebrating National Education Day-11 November

(11 November 2022)

Policies are important because they help an educational institution to establish rules and procedures and create standards of quality for learning. Keeping this in mind, the IIC 5.0 in collaboration with the department of Zoology organized a power point presentation competition to spread awareness about National Education Policy (NEP) on National Education Day on 11 November 2022.

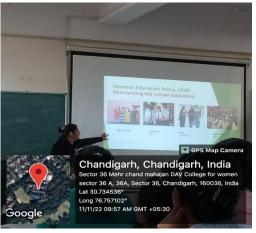
Ten students of B.Sc. Medical participated in the competition and discussed composition, objectives and salient features of NEP, difficulties in structuring world class education in India, reinventing the school education, rejuvenating higher education, major problems faced by higher educational institutions in India, new institutional architecture, advantages, and drawbacks of NEP and so on. As many as 40 Students and 3 Faculty members attended the session.

Dr. Neetu, Head, Department of Zoology and Dr. Sarabjeet Kaur, Assistant Professor in Zoology judged the competition and selected three best presentations. First, second and third prizes were bagged by Gurpriya Kaur, Taraz and Sara of BSc Medical respectively.















Online Session 'Budding Entrepreneurs: Is Your Portfolio Bespoke Enough'

(14 November 2022)

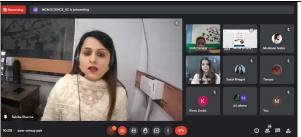
IIC 5.0 in collaboration with the Start Up Cell of MCM organized an online session on 'Budding Entrepreneurs: Is Your Portfolio Bespoke Enough' on 14th November 2022. The Resource person for the online session was Ms. Mahima Sindhi, personality shaper and skills sculpturist. She is the founder of herself made dream start-up which aims to empower, engage, and enlighten the reason for ones being. She is a certified trainer from ISTD, Delhi and MEPSC under National Skill Development Corporation.

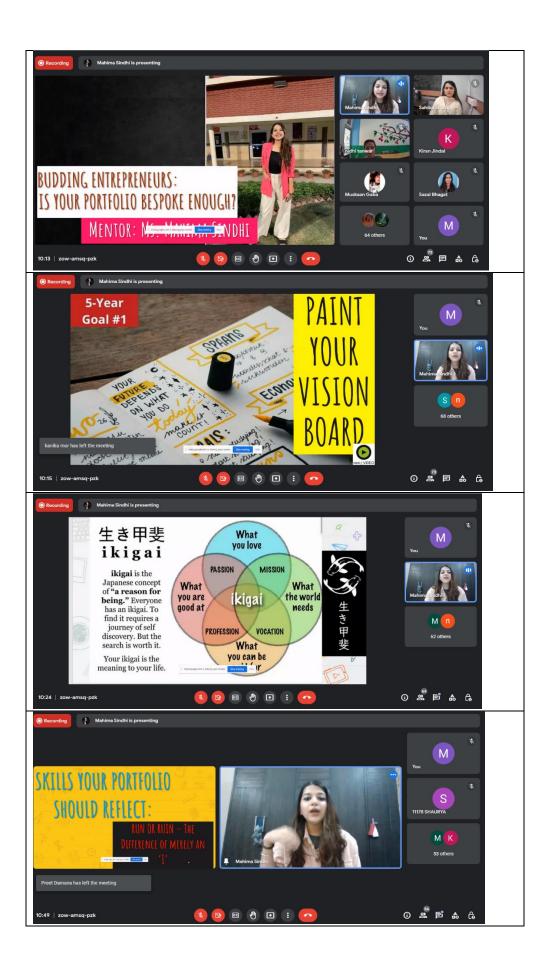
The online session spanning around one hour brought in 72 students and 4 faculty members who took keen interest in portfolio building as demonstrated elaborately by the resource person. Ms Mahima Sindhi made all the participants understand the importance of entrepreneurship and the portfolio management. She added that how painting the vision board is a must and it is the secret to a long and healthy life. She further discussed that "Ikigai" is an ancient Japanese philosophy that has enveloped the way Japanese people live. It focusses on what do you love, what are you good at and what does the world need. Everyone has an ikigai. To find it requires a journey of self-discovery. It was explained that how a growth mindset is better as compared to a fixed mindset because it focusses on constructive feedback, positive attitude, and determination. Creating a good digital profile, setting personal goals and self-learning exercises are some of the essentials of a successful entrepreneur. The session received an overwhelming response, and the students appreciated the concept of winning the entrepreneurial journey.

Google Meet Recording Link:

https://drive.google.com/file/d/12f LiFM9kQ5 OUEyGlrw59ynGigOH33-/view?usp=sharing









An Interactive Session on "My Story" by Startup Founder (16 November 2022)

An offline Interactive session was organized by the Institution's Innovation Council (IIC 5.0) on the topic 'My Story' on 16 November 2022. The resource person for the event was Ms. Aakanksha Dhawan, Founder of Smash Queen and Franchise Owner of Superdonuts, Elante Mall, Chandigarh. The session was a great endeavor to acquaint the participants with her story of how she became a successful entrepreneur by applying her studies practically into her ventures. She emphasized that college education plays a very important role in student's life. She told the students that college helps in building various skills both technical as well as artistic. She highlighted that participating in extracurricular activities in college helps her in personality development. Further, she stressed that students should do internships with companies because it provides them practical training to work in a challenging environment. Furthermore, she told about the importance of social media marketing and franchise business models. There are five franchise business models: COCO (Company Owned Company Operated), FOCO (Franchise Owned Company Operated), FICO (Franchise Invested Company Operated), COFO (Company Owned Franchise Operated). Overall, the session was very interactive, informative and engaging.



Innovative Ways of Moving From Waste to Greens

(17 November 2022)

Swachhta Committee of DCSA under the aegis of IIC 5.0 organized an activity on "Innovative ways of moving from waste to greens" on 17 November 2022. The primary purpose of conducting this exercise was to provide students with an opportunity to learn about many innovative approaches that can be used to manage the waste in such a manner that it can be brought into use again. We need to be considerate towards our mother earth. One way to help reduce plastic waste, metal waste etc. is by making planters made from waste materials. Innovative techniques can be adopted for creating a range of pots for plants that is environmentally friendly and supports our favorite 3 Rs- Reduce, Recycle, Reuse.

This activity was given to the students so that students realize that the way we are using our current resources are not sustainable and is putting pressure on our planet. We need to facilitate the transition of moving beyond waste policies and focusing on eco-design innovatively. This exercise provided a forum for students to think innovatively and develop planters using waste materials. Students were encouraged only to use real plant and not artificial plant.

Students from different classes enthusiastically participated in this team event. The students were asked to submit the planter in the staff room of DCSA on 17 November 2022 between 10 am to 11 am. The Exhibition of collected planters was organized near Administration block from 11 am onwards.

A total of 10 students took part in the competition and enthusiastically submitted the planters made from plastic bottles, metal cans, vim bar container, water pipe, left over wood plank, left over wool and coconut shells. This activity elicited active participation from the students, who found it to be both engaging and enlightening. Overall, the event was successful. It was well-received by all who witnessed the exhibition. The result of the competition is given below:

First Cash Prize of Rs 1000/- was awarded to Manya of B.Sc-I NM, Second Cash Prize of Rs. 800/- was awarded to Sneha of BCA-I, and third cash prize of Rs. 500/- was awarded to Parminder of BCA-I and Nishu of BCA-I.





Mehr Chand Mahajan DAV College for Women Sector 36-A, Chandigarh

Swachhata Committee of Department of Computer Science and Applications

under the aegis of IIC 5.0 organizes

INNOVATIVE WAYS OF MOVING FROM WASTE TO GREENS

(Planter making using waste materials)

17 November 2022



NOTE: Use a real plant and not artificial plant

Submission of planter: 10.00 a.m.

Exhibition: 11.00 a.m.

Results will be declared on 19 November 2022 000°

1st Prize: Rs 1000

2nd Prize: Rs 800

3rd Prize: Rs 500

Ms. Deepti Sharda Dr. Mandeep K Chawla Ms. Navdeep Kaur

(Coordinators)

Dr. Indu Arora Vice President IIC@MCM

Dr. Nisha Bhargava President IIC@MCM Principal





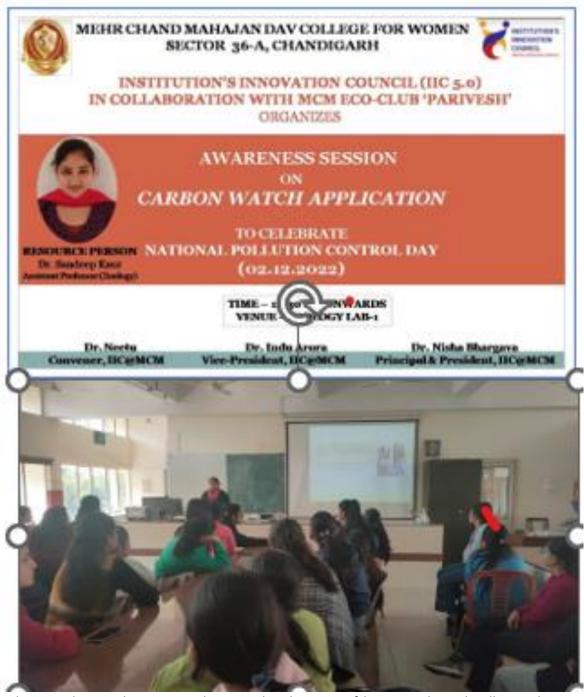




Awareness Session on "Carbon Watch Application" for Celebrating National Pollution Control Day- 02 December

(02 December 2022)

This session was organized with objective to instill awareness about environmental pollution and its negative impacts on our health and planet. It also helped in encouraging the students for the adoption of pollution control acts to prevent the environmental pollution caused by human negligence and improving the quality of the environment and encouraging the sustainable management of resources. National Pollution Control Day is observed in memory of those who lost their lives in the Bhopal Gas



tragedy on 2nd December 1984 and is considered as one of biggest industrial pollution disasters. It

serves as a reminder of what human negligence and carelessness does to the environment. Increasing environmental pollution, including greenhouse gas emissions and acid deposition, as well as water pollution and waste management are considered as threats and dangers to our existence. National Pollution Control Day focuses on preventing pollution and raising awareness about the ways we keep exploiting Mother Nature.

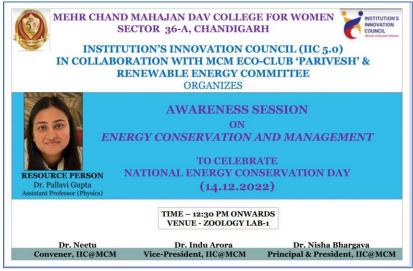
IIC 5.0 in collaboration with MCM Eco-club 'Parivesh' organized a lecture on "Carbon Watch Application" by Dr. Sandeep Kaur, Assistant Professor in Zoology, Mehr Chand Mahajan DAV College for Women, Chandigarh. Dr. Sandeep spread awareness about the "Carbon Watch App" which is a mobile application launched by Chandigarh Administration. Chandigarh has become the first city/UT in India to initiate this step. This app focuses on an individual action and calculates carbon foot printing on the basis of transport, energy and water consumption. It encourages people to be Climate-Smart Citizens while making them capable of accessing their carbon footprint, along with providing them with steps to reduce it. It also sensitizes people about their lifestyle emissions, their impact and possible counter measures to mitigate the same. Dr. Sandeep further motivated the participants to download the app and calculate their carbon footprint values. A total of 46 students of B.Sc. III Medical and 3 teachers attended the session and got sensitized to reduce their carbon footprint values.

Awareness Session on "Energy Conservation and Management" for Celebrating National Energy Conservation Day

(14 December 2022)

Institution's Innovation Council (IIC 5.0) in collaboration with MCM Eco-Club 'Parivesh' and Renewable energy committee of the college organized an awareness session on 'Energy conservation and management' by Dr. Pallavi Gupta, Assistant Professor in Physics, Mehr Chand Mahajan DAV College for Women, Chandigarh on 14 December 2022 to celebrate National Energy Conservation Day which is celebrated to make people aware of global warming and climate change, and to promote efforts towards saving energy resources. It also highlights the achievements of the country in the fields of energy efficiency and conservation. The main objective of the session is to spread awareness about energy efficient technologies and explain the general ways to save energy at personal, community and global level.

Dr. Pallavi introduced the participants to five types of renewable energy resources by citing various examples to help them understand the transformation of energy mainly solar, wind and water into electricity. She also highlighted the simple and effective steps that students can take to minimize energy wastage in the college campus and at their homes. Apart from this, she also discussed about the government initiatives taken for energy conservation by introducing the Energy Conservation Act, 2001 for better utilization and conservation of energy. This act made it mandatory for the energy intensive sectors to get their Energy audit conducted by accredited energy auditor. She also mentioned about the star rating system for electrical appliances in which 1-5 stars are assigned to the products depending on their energy efficiency. As many as 50 students of B.Sc. Medical attended the session and promised to make changes in their habits to ensure that energy is conserved for future generations.



Report - Orientation Session IIC 5.0 organised by Ministry of Education's Innovation Cell (MIC)

(11 January 2023)

Ministry of Education's Innovation Cell organised an Orientation Session on IIC 5.0 (2022-23) & Features-MoE's Innovation Cell on January 11, 2023. The objective of the session was to orient IICs on IIC 5.0 registration and participation guidelines. The session introduced the new features of IIC 5.0 portal and guided the participants to use it. In addition, the session provided a glance through various programs and schemes for IIC institutions and incentives alongside charting the measurement of performance of IIC institutions' effort. Dr. Dipan Kumar Sahu, Assistant Innovation Director, Ministry of Education's Innovation Cell was the resource person on the occasion who enlightened the participants comprehensively about the objectives of MoE's Innovation Cell.





In the beginning of the session, Dr. Sahu highlighted the Indian Innovation Ecosystem which is the third largest in the world. India has 72000+ startups as on 29 August 2022 wherein 72% founders are younger than 35-year-old. This ensures India's position as one the largest economies in the world. The session elaborated the significance of Intra-Institutional interactions and synchronization of efforts. The resource sharing and utilization, planning and coordination of entrepreneurial activities, I&E skilling, and upgradation (reskilling and up-skilling) are useful aspects in maintaining an effective system to institutionalize the Innovation and Entrepreneurship Ecosystems in Higher Educational Institutions. In terms of leadership, Dr. Sahu emphasised need for the commitment and involvement of top leadership, innovation and entrepreneurship in mission and vision, competent human resource and in-house mentoring ability, and faculty mentors and role models. Setting of key performance indicators, benchmarking ecosystem, setting annual targets, assessing the impact, and revisiting action plans are crucial to ensure the effective performance of Institution's Innovation Council.

IIC plays a crucial role in synchronization and integration of policy programs through policy implementation. Ministry of Education (MoE), Govt. of India has established 'MoE's Innovation Cell (MIC)' to systematically foster the culture of Innovation amongst all Higher Education Institutions (HEIs). The primary mandate of MIC is to encourage, inspire and nurture young students by supporting them to work with new ideas and transform them into prototypes while they are in their formative years Since 2018, the nation has witnessed a steady and promising growth from 965 to 6502 till date. This provides institutes and their students with myriad opportunities to find platforms to innovate, collaborate and seek support for enhancing and enriching their skill sets.

Dr.Sahu explained the decentralized approach of MoE's IIC and institutionalizing constituent institutions from a particular University to get organized for better performance, governance and growth of the IIC network. He explained that clustering and representation of institutions located in the same

campus/city as part of the University is useful in promotion and formation of Constituent-IIC with at least an Institutional unique ID or AISHE code assigned by any apex body.

The need for maintaining innovation repository was also discussed. The session further focussed on the e-learning resources and managing incubation details that could help the faculty and students to enhance their technical and practical skills. Dr. Sahu suggested that the financially support for IIC institutions could be sought for organizing impact lectures by inviting experts for generating awareness among students and faculty members and encouraging engagements in innovation and entrepreneurship with geographical/locational disadvantages such as:

- North-East region, J&K, Ladakh, and other Himalayan states
- Aspirational districts of country
- Institutional disadvantage such as non-technical institutions having a weak connection with regional and national startup ecosystem.

The importance of collaboration in managing activities across different institutions could be helpful in creating promising infrastructure and effective initiatives for the future of IIC, said Dr. Sahu. The session was attended by over 1000+ participants from various Indian colleges and universities. It provided a suitable opportunity to faculty members across India to understand the features and usage of IIC 5.0 portal. A total of 15 faculty members of IIC 5.0 of Mehr Chand Mahajan DAV College for Women, Chandigarh attended the session.

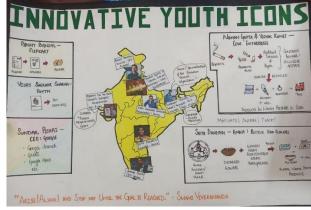
Poster making Competition for Celebrating National Youth Day (12-17 January 2023)

To mark the birth anniversary of Swami Vivekananda, popularly celebrated as National Youth Day, A poster making competition on the Topic "Role of youth icons in Indian Innovations and Technology" was organized by PG Department of Chemistry under the aegis of Institution's Innovation Council on 12 January 2023. Students of M.Sc. Chemistry registered for poster making competition via google form by 12 January 2023 and the posters presentations were conducted on 17 January 2023. Around 27 students registered, and 22 students actively participated for the poster presentation. Dr. Shefali Dhiman, HOD P.G. Department of Chemistry and Dr. Sarabjeet Kaur from Zoology department were the judges for this competition.

The event was very informative and was a great endeavor to acquaint the participants with awareness about the role of youth in Indian Innovations and Technology. The students were very much motivated and displayed interesting posters by using their creative skills and knowledge.



First Prize Varsha Saini, Archisha Sharma M.Sc-IInd Year



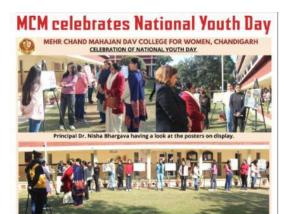
Second Prize Mehak Saini, Namisha M.Sc-IInd Year







Third prize Ankita, Aarzoo M.Sc-Ist Year



THE AMAN SANDESH TIMES

Chandigarh: Marking the celebration of National Youth Day, the Postgraduate Department of Chemistry at Mehr Chand Mahajan DAV College for Women, Chandigarh, under the aegis of Institution Innovation Council, organised a Poster Making Competition. Over 27 participants registered for the competition that aimed to inspire students to learn from the teachings of Swami Vivekananda. The participants showcased their creativity in the form of posters highlighting the role of youth icons in the Indian innovations and technology. The winners were awarded cash prizes

and certificates.

Principal Dr. Nisha Bhargava lauded the creativity displayed by the participants and said that it is a befitting tribute to Swami Vivekananda who believed in the potential of youth to change the world. Reminding the youth of Vivekananda's saying "Arise! Awake! And stop not till the goal is reached", Dr. Bhargava called on the youth to unite and work ceaselessly for the cause of nation

building.
The result of the competition is:
First Prize: Varsha Saini,
Archisha Sharma, M.Sc-II
Second Prize: Mehak Saini
and Namisha, M.Sc-II
Third Prize: Ankita, Aarzoo, M.Sc-I



Internship and Training Programme (18th January 2023)

Mint Skills is a startup launched in January 2023 by Dr. Swati Dhawan (Faculty & Trainer) & Vikram Dhawan (Entrepreneur Consultant) to revolutionize Job Oriented Skill Trainings in an economically viable manner and transform the youth of India into Job Ready Professionals for the fast growing Banking, Financial Services & Real Estate Sector. Recognizing the huge academia-industry gap, they have envisioned a Campus to Corporate Training Program in which students work on Live Corporate Projects and also get 100% Job Assistance upon successful completion of the training program. It can be pursued by college students along with their degree course and provides them an opportunity to emerge as job ready professionals by the time they graduate from college.

To achieve this mission, Mint Skills have organized an internship program for the students of Mehr Chand Mahajan DAV College for Women, Chandigarh. Approximately 140 students of different streams of the college have applied for the program and interview was conducted in the college campus on 18th

January 2023. The company hired 22 interns, who would reach out & collaborate with more than 100 colleges in India & offer scholarships to students for the Campus to Corporate Training Program.

The company conducted 3-days Orientation & Training sessions for the selected interns in the college on academia - industry gap, how big is the problem of unskilled workforce in India, ways to provide skill training in an economically feasible manner & how to attract participation of corporates in imparting practical training, amongst others. Finally, appointment letters were distributed to the students on 1st February 2023. The Principal of the college, Dr. Nisha Bhargava appreciated the owners of the Mint Skills for hiring our students as interns and organizing orientation and training sessions for them.





Report of Educational Trip to Government Fish Farm, Faganmajra, (20 January 2023)

Under the aegis of Institutions Innovation Council 5.0, Department of Zoology organised an industrial visit to government fish farm, Faganmajra, Fatehgarh Sahib, Punjab for understanding the problems faced by fish Industry. The trip was organised on 20 January 2023 with a team of three staff members and forty students from BSc final year. The purpose of planning the trip was to generate awareness amongst students about the scope of entrepreneurship development in fisheries. Theone to one interaction of students with officials practically working in the field helped to identify problems associated with culturing.

The students could also explore the new avenues open to them as entrepreneurs or about job opportunities in this field. The trip also made students aware about the gaps in research areas associated with culture fisheries. The fishery officer Ms. Baljot Kaur explained students about the Chinese Happas, hormonal dynamics in breeding, identification of fish, difference in niches of different major carps, ecological factors effecting fingerlings, feed formulation, training sessions for farmers, integrated fish farming and the government initiatives taken for growth of fisheries in the area.

A group discussion was organised in the lab on 21st January,2023. The students interacted and discussed on various issued they had highlighted during the visit. They interacted about the culture fisheries as new avenue for stable blue economy, benefits associated in terms of investments, annual profits and expenditure, skill training requirements etc. They also discussed problems associated with culturing fishes like marketing issues, lack of awareness among farmers, diseases associated with fish like Argulus problem, transportation facilities, absence of skilled people in society etc. Some students tried to suggest some biological measures which can prevent occurrence of disease but those need experimental authentication. Overall, the students were excited and sensitised by learning about this



field. They finally submitted write-up of the discussion highlights in the end.













Idea Competition 2023

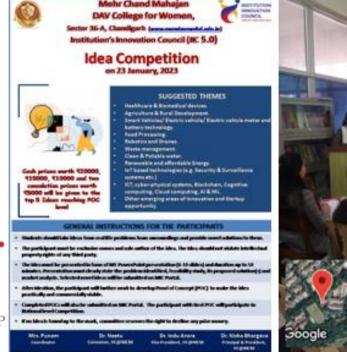
(23 January 2023)

The Institution's Innovation Council (IIC 5.0) of Mehr Chand Mahajan DAV College for Women, Chandigarh organized the 'Idea Competition 2023' on 23rd January 2023. The aim of the contest was to encourage students to explore problems around them in the society and find innovative ideas to solve the problems or to make the associated activities easier for the stakeholders. The total prize money for the idea contest was Rs. 55000 with First prize worth Rs. 20000, Second prize worth Rs. 15000, Third prize worth R. 10,000 and two consolation prizes worth Rs. 5000 each.

A total of 36 students registered and out of which ideas of 15 students (8 teams) were shortlisted for the final round to be held on 23 January 2023. The judges for the contest were Dr. Indu Arora, Dr. Neetu, Dr. Kiran Jindal, and Ms. Silky Sachar. 35 students of various departments attended the event. The Following Ideas were shortlisted for final the round: -

- Intimate wipes and roll-ons
- Alair(microbial algae air purifiers)
- Production of sustainable and eco-friendly biocement from microalgae biocement from microalga
- Block chain
- Pyau for clean water
- Bio Coal: The Sustainable, Affordable & Green Coal
- Microgreens based food products against neurodegenerative diseases: grown by waste utilisation
- Stargum

The ideas presented by the students were under the categories of Healthcare and Biomedical Devices, Waste Management, Food Processing, Renewable & affordable Energy, ICT, Cyber-physical systems, Blockchain, Cognitive computing, Cloud computing, AI & ML and Clean and Potable Water. Overall the ideas presented by students were impressive and practically implementable. The participants also did the market surveys, scope of their ideas and the limitations of the implementation. The participants





were guided further by the Judges to create proofs of Concept for their ideas.

Workshop on Entrepreneurship Skill, Attitude and Behaviour Development (24 January 2023)

A workshop on the topic "Entrepreneurship skill, Attitude and Behaviour Development" was organised by the Post-graduate Department of Economics under the aegis of Institution's Innovation Council (5.0) on 24th January 2023. Mr. Paramjit Singh, Founder and Director Of Regional Centre for Entrepreneurship Development (RCED), Mr. Gursharan Singh, Director of True Success and Mr. Satwinder Singh, Senior Consultant at RCED were the resource persons of the workshop.

In the first technical session, Winner of National Award for Best Motivator in India, Mr. Paramjit Singh highlighted the importance of entrepreneurial skills among the young minds of the country. Mr. Singh laid emphasis on setting up goals and working towards achieving those goals. The students were familiarised with the concept of 5×5×5 which refers to 5 targets of people, 5 flagship programs of the Government of India and 5 emerging industries of future. The 5 targets refer to the areas in which people want to have a career after they complete their education. The 5 flagship programs of the GOI include Make in India, Start-up India, Stand-up India, Skill India, and Digital India. The speaker quoted Dr. APJ Abdul Kalam and enumerated the 5 industries which will prove to be game-changers in the future. These industries are Food Technology, Fashion, Fitness, Fun and Fineness (The 5 Fs). He encouraged and inspired the students to become entrepreneurs and become employment generators.

Mr. Gursharan Singh was the speaker for the second technical session of the workshop and focused on the attitude and behaviour development for entrepreneurship. The speaker stressed upon the need and significance of having a right mindset and clarity of objectives for excelling as an entrepreneur. Mr. Singh motivated the students and told that one must never forget one's purpose and one must always have faith in oneself. The audience was told about 3 tenets followed by successful entrepreneurs. The speaker also told the audience that in order to succeed people should take inspiration from others instead of making unhealthy comparisons. The audience was made aware of the power of belief through a video. By using the under 4-mile story of Olympian Roger Bannister, Mr. Singh told how it is possible to create something which doesn't exist. Mr. Singh inspired the audience with a heart-felt and touching poem about turning dreams into reality.

In the third technical session Mr. Satwinder Singh Bagga, Senior Consultant at RCED familiarised the students with the Pradhan Mantri Employment Generation Programme (PMEGP). He explained about the nitty-gritty of the programme and also explained about the usefulness of the programme for budding entrepreneurs. The PMEGP is a scheme of the Ministry of Micro, Small and Medium Enterprises which aims to promote self-employment amongst the people. Mr. Bagga also explained the structure of this scheme and the agencies which are implementing it. Khadi and Village Industries Commission (KVIC) implement the scheme at the nodal level while the Khadi and Village Industries Board (KVIB) and District Industrial Centre (DIC) implement it at the state level. Furthermore, the nature of financial assistance which is provided by the scheme was explained in detail by the speaker. Mr. Bagga also enumerated the steps which should be taken to avail the benefit of the PMEGP. Anyone above the age of 18 years who has passed class 8th can take the benefit of this programme for projects costing above ₹ 10 Lakhs in the manufacturing sector and above ₹5 Lakhs for service sector. The people belonging to the special category (SC/STs, women, Minorities) can get a subsidy of 35% of project cost in rural areas while 25% subsidy in urban areas.

The workshop also had an interactive session where the queries and questions of the audience were answered by the guest speakers. Madam principal Dr. Nisha Bhargava lauded the efforts of the economics department and IIC for organizing an informative workshop and also urged the students to step on the path of entrepreneurship.

The workshop was attended by Dr. Nisha Bhargava, President of IIC 5.0, Dr. Indu Arora, Vice-President of IIC 5.0 and Ms. Madhvi Bajaj, Head of PG Department of Economics. The coordinators of the workshop were Ms. Chris Bindra, Dr. Amandeep Kaur and Ms. Sonali Mehndiratta. A total of 98 students and 12 Faculty Members attended the workshop.











Mehr Chand Mahajan DAV College for Women

Sector 36-A, Chandigarh





Post Graduate Department of Economics Under the aegis of Institution's Innovation Council (5.0)

organizes

Time: 9:30 am to 3:30 pm

Workshop on

"Entrepreneurship Skill, Attitude and Behavior Development" Ву

- Mr. Paramjit Singh, National Awardee Best Motivator and Best Entrepreneur, Director, RCED
- Mr. Gursharan Singh, National Motivational Speaker, Director, True Success
- Mr. Satwinder Singh, Senior Consultant, RCED

Registration link: https://forms.gle/EzSJyLCzvu8aNN5q9

Ms Chris Bindra Dr Amandeep Kaur Ms Sonali Mehndiratta Mrs Madhavi Bajaj

Economics Deptt

HOD

Dr Neetu Convener ІІС@МСМ

Dr Indu Arora Vice President Dr Nisha Bhargava

President(IIC@MCM)

Coordinators

IIC@MCM

Expert Talk & Mentoring Session on "Innovation and Entrepreneur through Waste Management"

25 January 2023

Institution's Innovation council (IIC 5.0) of Mehr Chand Mahajan DAV College for Women Chandigarh organized an offline expert talk and mentoring session on the topic "Innovation and Entrepreneur through Waste Management". Mr. Puneet Arora, Founder, Ecological Corporation, Panchkula was the key speaker of this mentoring session. Mr. Arora is a veteran with an experience of 26 years and have brought his knowledge in the field of bio- reactors, urban kitchen gardening, urban agriculture, image processing and has also published books and helped with startups. He and his team came up with a Facebook page called Natural Biodiversity with 10,000+ members and indulge in scientific writing and photography of flora and fauna.

Mr. Arora started with thought provoking questions as to why we lack in this sector and the solutions to overcome it. Further he told us that it was only the difference in mind-set and creativity of people that differed and lack of Entrepreneur in this sector in India. The students were then taught about the upcoming G20 in India and its states that will get them cleared up. Next G20 will be held in Delhi on 9th September and is expected to be a billion-dollar industry.

Then insights were provided as to how the western countries are cleaner to which the answers were: majority of the garbage is dumped in the ocean creating micro plastic in the salt we intake on daily basis. Countries like Belgium and Cuba came with the idea of organic farming. In Belgium 6000 people out of 30,000 people agreed to rear 3 chickens resulting in reduction of 100 tons of waste as hen depends on food waste. In Cuba due to no funding from Russia after 1991 the government made it compulsory for its citizens to grow their own vegetable and rear animals, and today Cuba is world leader in organic farming.

The other ecological idea that we were taught was about gardening and plantation at home itself with not more than 5 pots this alone will help in decreasing CO2 and will help with business of seeds, pots, bio- fertilizer if majority of the people take it up. Artificial lights have also been invented for plants hence new ideas give birth to innovation as well.

Mr. Arora also discussed about hydroponics which is horticulture but without soil using water based water nutrients only and aqua-ponic, algae accumulating on huge trees is beneficial for the flora. The compounds liquid, gas and solid have been diversified that is the waste could be converted into these to get raw material like: Bio char from which could be used in bricks, paints, ferade cage wall absorbing all sorts of wavelengths. Hence liquid, gas and solid form of waste could be made into energy. For example with converting waste into liquid form bio pesticides could be made this has been used in Vietnam. Phytoming is another new solution which is production of a crop of a metal by growing high biomass plants that accumulate high metal concentration.

Intellectual waste is not optimally utilizing our knowledge and failing in execution of ideas. Entrepreneurship could be utilized in any field if have enough knowledge of business, laws and rules, knowledge of the problem and product and current trends and issues. Hence recognizing problems and turning it into a solution is what needed.

Books recommended by the esteemed spokesperson were of Peter Thiel and Burn by Albert Bates. And to keep the fire alive in the students who were motivated sites were suggested for further guidance like:-

- Kickstarter.org.in which is a site for crowd funding.
- Governmentofindia.funding.in
- Facebook.com/groups/socialsubstance
- Facebook.com/groups/naturalbloodiversity.

The progress in waste management entrepreneurship is gradually increasing but more importantly spreading awareness is the part which will motivate the youth to not only discover their career in entrepreneurship but also think about their environment and how they could be protected. Sustainable development and waste management entrepreneurship is relatively new concepts but are also the future of our world.

The event was attended by 56 Students and 8 faculty members.

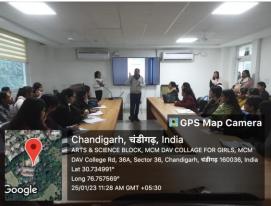














4-Day skill development Photography Workshop (24-25 & 27-28 January 2023)

Giving an impetus to its endeavour of providing holistic education and opening up varied vistas for its students, a 4-day skill development Photography Workshop was organized by Department of Mass Communication under the aegis of Institution's Innovation Council 5.0 of the college. The workshop was conducted by seasoned photographer Mr. Rajnish Katyal. The workshop aimed at familiarising the participants with basics of photography including various parts of camera, different types of cameras, types of lenses, the working of a camera, aperture, shutter speed, ISO and different techniques of photography. Speaking about the importance of photography, Mr. Katyal said that with the advent of technology, the art of photography has evolved to be a highly specialised craft. Mr. Katyal also encouraged the students to consider taking up photography as it is a blooming alternative career choice among young entrepreneurs these days. Each session was complemented with suitable examples to make the participants understand the nuances of exposure techniques and composition techniques. A practical shooting session on the final day provided the participants hands-on training in clicking aesthetic pictures using the techniques taught during the first three days. Over 41 students participated enthusiastically in the workshop and were awarded participation certificates.

Principal Dr. Nisha Bhargava exhorted the students to utilise the exceptional opportunities made available to them under the banner of Mass Communication Department to nurture their talent and skills in the vast field of Mass Communication. She motivated them to explore the wide world of knowledge and opportunities beyond the classrooms and become employment generators instead of employment seekers.

















Report on Leadership Talk with Chairman AICTE, Prof. T.G. Sitharam organized by MIC

(30 January 2023)

In this Leadership talk of Dr. Abhay Jere, Chief Innovation officer, MOE, GOI with Prof. T.B Sitharam, Chairman AICTE gave a brief introduction of his journey from Director, Indian Institute of Technology Guwahati to being Chairman AICTE mentioning that how development of multidisciplinary institutes and focus on research is important for overall growth in our country.

Prof. Sitharam discussed the role of AICTE in taking India ahead towards the goal of becoming a developed country by 2047. He stressed on encouraging research in all the educational institutes (school and higher education) to do innovation in different fields by providing funds to faculty and students. He suggested focusing on research and innovation for India to become a world leader in providing innovative services and products to the world. He said that at this time critical thinking must be done to encourage the higher education institutes for research by devoting a major portion of GDP in research especially in core engineering sectors. The need of the hour is to produce indigenous products for local and global markets and keeping a focus on societal aspects of growth. He guided students to manage stress by enjoying whatever they do and doing those things that they enjoy. They must devote time in yoga and meditation to manage stress and face the challenges of the world around them. The youth must have a goal in their life, make sincere efforts to achieve that goal and have confidence in themselves. He suggested that the private educational institutions must also think in terms of research and innovation for them to participate in growth of the country. Continuous question asking and solution finding will bring such private institutes in the mainstream of innovation ecosystem. This informative and inspiring session was attended by 24 students and 4 faculty members of Mehr Chand Mahajan DAV College for Women, Chandigarh. Overall the students and faculty members rated this leadership talk as excellent.



Workshop on Problem Solving and Ideation 21 February 2023

A workshop on the topic "Problem Solving and Ideation" was organised by the Post-graduate Department of Economics under the aegis of Institution's Innovation Council (5.0) on 21st February 2023 from 9:00 AM to 3:30 PM. The resource person for the event was Ms. Shaurya Munjal, Founder and Life Catalyst of Two Hazy Circles. The coordinators of the workshop were Ms. Chris Bindra, Dr. Amandeep Kaur and Ms. Sonali Mehndiratta. A total of 89 students of various courses registered for the workshop and 48 students attended the workshop.

Ms. Munjal discussed about the process of ideation in detail. The students were told that an idea is not something which is out of the world but it is a simple thought which can create a difference. The speaker also highlighted that there is no such thing as a bad idea and one should not dismiss others' ideas as bad. Rather, one should try to understand the perspective behind the idea. The speaker then taught the students the technique of mind-mapping for making the process of ideation easier and better. Mind-mapping involves writing down a central theme and thinking of new and related ideas which are connected to the central theme.

The students were asked to draw a mind map on paper using colourful pens and were guided by Ms. Munjal on how mind-maps can be made more effective. The speaker gave real-life examples from her own business and explained the students that it is perfectly fine for an idea to not work and one must be perseverant enough to bounce back with a new idea.

The speaker then discussed the golden circle of ideation which comprises of three questions: What? How? and Why? with Why being the core of the circle. The students were given a 5-step framework of ideation which includes, setting up of premise, listing ideas, listing resources, categorizing do-ability and assigning roles and setting timelines. The students then used this framework to solve a case study related to business.

In the second technical session, the topic of problem solving was discussed by the speaker. Ms. Munjal laid emphasis on the recognition of the correct problem in any business. The students were explained how recognizing a wrong problem can lead to disastrous results. The speaker taught the students the steps to approach a problem effectively and also highlighted the importance of choosing a correct and concise problem statement.

The speaker then gave the ways to arrive at the solution of the problem and encouraged the students to carry out proper research and feasibility study to reach at a full-proof solution rather than making hasty decisions. The significance of validation of the solution of the business problem was also discussed in the workshop. Furthermore, the students were familiarised with the techniques of implementation of the solutions by enumerating 5 steps which are: Start small. Take feedback. Make alterations. Add more value. Take more feedback. Ms. Munjal also stressed on the importance of being resilient in business.

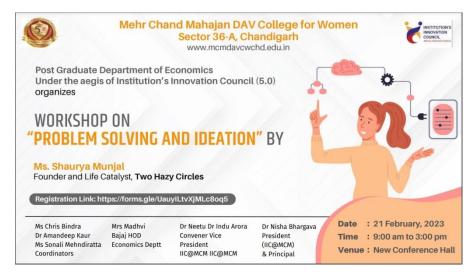
The third technical session comprised of a problem-solving activity and was the highlight of the entire workshop. The students were divided into groups of 4 and were asked to find out the biggest problem faced by them in the college. The groups were required to use the techniques of ideation and problem-

solving which were taught earlier in the workshop to come up with the solutions for their respective problems by making use colourful pens and chart paper.

The groups were then supposed to present their problems in front of the audience. Each and every group meticulously came up with a unique problem and gave effective solutions to each problem. The problems which were discussed by the groups were: lack of communication amongst peers after COVID-19, lack of internships and practical knowledge, lack of proper channels for dissemination of information in the college, lack of exposure to co-curricular activities and provision for sanitary napkins and cleanliness in washrooms. All the students showed a very positive response towards the workshop and expressed their hope of having such workshops again.







My Story - Motivational Session by Successful Innovator 21 February 2023

My Story - Motivational Session by Successful Innovator, a motivational talk was organised on 21 February 2023. The resource person for the event was Ms. Rosy, co-founder of KAAPI LA Roasters, situated in Industrial Area, Chandigarh. The session was a great shot to motivate the students to become successful innovators and entrepreneurs rather than job seekers, in this present scenario across the world. The speaker is an IT graduate but today she is successfully running her own coffee brand "KOKOMO", their own roasting set up. The company works both B to B and B to C, where they have captured major tie-ups across number of hotels, restaurants, and cafes in entire North India. A total of 60 students and 06 faculty members attended the session.

"We don't grow when things are easy; we grow when we face challenges." With these lines, Ms Rosy started her talk and shared her hard-headed journey with the students and invigorated the interest and eagerness to learn among the participants. She illustrated on the imperativeness of hard work, courage, and determination in shaping success. She then intricated on the driving factors behind the shaping of a successful entrepreneur - following one's passion, working with the right team that will stay along in all ups and downs never give up type attitude even in the face of disasters. She described finance as the major constraint in her journey. She mentioned that the reason that people do not start their new ventures in a country like India is due to non-awareness amongst the population of India and decides to go for jobs in private or government sectors to minimize the risk. She shared her experience of growing as an entrepreneur, right from working as a Network Engineer in a reputed company for almost 10 years, quitting her job, to starting her own venture and entrepreneurial start-up. In 2018, after investing all the monetary savings she had, her venture kick started by renting out the first coffee roasting machine which was refurbished by them. Gradually, the customer base was increasing, and the brand was establishing until the world was hard hit with Covid-19 and the Food industry came to a halt. Ms Rosy briefed about her journey through this hard time with no orders to how she managed to give salary to the employees.

She also warned the participants that they should be prepared for failures, and march ahead with a determined mind. She utilized this time in a positive manner and studied more about her product. She consistently experimented on making her product the best. She added that an entrepreneur has plenty of scope and freedom to experiment and the possibilities for growth are limitless. She briefed the students about her business, how they procure the raw beans, the roasting processes and the science behind the taste. She even brought and displayed the coffee machine, various coffee beans and related equipment.

The entire faculty and students enjoyed the freshly brewed coffee served by them. She pointed out that as an entrepreneur, you can be your own boss and enjoy financial independence. The students were delighted and put several queries. Lastly our organizers thanked Ms. Rosy for her valuable time and motivational words. Through this event, the students gained knowledge on life journey of an entrepreneur, how to set goals and face challenges and Interactive skills required for an entrepreneur. This event will surely motivate the students to start ideation on socio-economic products.



Innovation & Entrepreneurship Outreach Program in Schools on "Millets and Entrepreneurship"

25 February 2023

With an aim to reach out to the young and budding entrepreneurs' in the community and promote the spirit of entrepreneurship, the UBA Cell under the aegis of Institution's Innovation Council (IIC 5.0) organised one day visit for Innovation and Entrepreneurship Outreach Program on "Millets and Entrepreneurship" on 25 February2023 at Government Senior Secondary School, Village Badheri, Chandigarh. The Resource person of the event was Ms. Harinder Jaspal, Millets Chef and Expert. Around 6 students of the college and 90 students of class VII of the school 6 faculty members -4 (Government Senior Secondary School), 2 (MCM DAV College for Women) attended the event.

The event started with a presentation on the various types of millets and their nutritional content. It was an eye opener for the students as they were familiarised with the multiple advantages of millets for a better and healthy living. The students of the senior classes were targeted as they hold a lot of potential and are eager on learning the opportunities available for building a career after school.

The students were told about the ways in which they can start their own small business ventures by just learning the art of cooking millets. Examples of successful entrepreneurs who have made a mark by selling millets like Chef Natasha Gandhi (Owner of the bakery 'House of Millets') were given. The recipes of various dishes and desserts which can be made with millets were taught to the students. The resource person also highlighted that how the correct marketing of the multiple benefits of millets can help young entrepreneurs in succeeding in this field. The students and the faculty of the school interacted with the resource person and felt motivated to add millets in their diets and also to explore it as an option to earn livelihood.

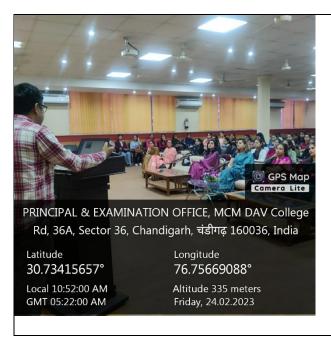


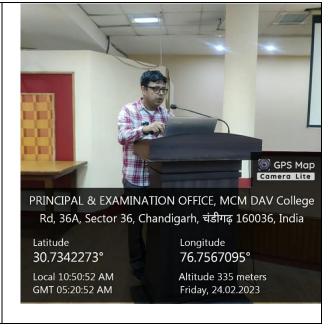
Collage Making Competition for celebrating National Science Day 28 February 2023

IIC5.0 in collaboration with PG Department of Chemistry organized a special lecture on "Freezing molecules in motion by shedding light on them" on 24 February 2023 to mark the celebration of Science day that was followed by Collage Making Competition on 28 February 2023. The Resource person of the event was Dr. Arijit Kumar De, Associate Professor, Department of Chemical Sciences, IISER, Mohali.

Dr. De started his lecture with the inspirational stories of Dr. C. V. Raman which illustrated the concept of the Raman effect and his contribution towards science that made him a Noble laurate in the year 1930. Dr. De delivered a very informative and an interesting lecture highlighting the marvellous discovery of the ultrafast dynamics of molecules. He stressed on the fact that Chemistry is the central Science and a major connector for the various interdisciplinary fields viz., Medicinal Chemistry, Biochemistry, and nanotechnology. His lecture emphasized the pioneering steps in the field of optical trapping that led to a new branch of science known as Quantum biology. He also discussed his ongoing research in the field of Photovoltaic materials (quantum dots, perovskites) and fluorescent proteins. The lecture was highly appreciated by the UG and PG science students. The collage making competition was conducted on the theme "Innovations in Science" and the collage were made by the student that were judged by Dr. Aanchal Batra.

Ms Manya Jakhar of BSc 1 won the best Collage Prize. A total of 110 students and 17 Faculties attended the lecture and Collage making competition.







Five Days Workshop on Design Thinking, Critical Thinking and Innovation Design (Entrepreneurship in Electronics)

27 February - 3 March 2023

Under the aegis of MCM Vigyan Manch and IIC 5.0, Department of Physics organized five days workshop on Design Thinking, Critical Thinking and Innovation Design (Entrepreneurship in Electronics) sponsored by Department of Science and Technology (DST) and Renewable Energy from 27 February 2023 - 3 March 2023.

The aim of the workshop was to inculcate skill and innovation amenabilities among students and faculty to apply learning to technology building. The participants were trained to assemble LED bulbs and were guided about their constituent equipment elements and fabrication processes. Soldering for electrode connections, Mechanical pressing for adhesions and contacts and gluing the Printed Circuit Boards (PCBs) and LED diodes were some of the skills practiced by the participants during the workshop.

The workshop was inaugurated on 27 February 2023 in which the Resource Person of the event, Dr. Pallavi Gupta, Assistant Professor, Department of Physics delivered the keynote address highlighting the significance of Design thinking, Critical thinking and Innovation design in electronics. She discussed the various paradigm approaches of innovation and skill orientation of bulb invention with its durability and quality amendment from time to time. The workshop was conducted for 5 continuous days in which students were divided into small groups to give them individual attention during mentoring session and hands on training for assembling LED bulbs. Separate sessions were also conducted for teaching and non-teaching staff of the college. Students were enthusiastic while learning practical skills of electronics with assembling parts of the Printer circuit board, capacitors, power supply, connecting wires, soldering, filament and electrodes contact. The workshop was followed by valedictory session in which Dr. Nisha Bhargava, Principal and President of IIC@MCM felicitated the organizing team, resource persons and participants for conducted a skill oriented entrepreneurship workshop for students and faculty members of the college. Around 194 students and 45 faculty members attended the workshop.























Awareness session on Intimate and Menstrual Hygiene for Celebrating International Women's Day- 8 March 10 March 2023

To mark the celebrations of International Women's Day, Institution's Innovation Council (IIC@5.0) and Health Committee of Mehr Chand Mahajan DAV College for Women, Chandigarh in collaboration with FLOREN - India's first feminine hygiene brand organised an entrepreneurial talk and an awareness session on Intimate and Menstrual Hygiene, on 10 March 2023. It was followed by a Competition on the theme: My Period Story. Besides, an Exhibition of Feminine Hygiene Products was displayed at Panghat Area of the college. During the talk, members of FLOREN Team - Ms. Shivali Sharma, Ms. Mahima Bangar, Ms. Ishika Raut and Ms. Kashish under the guidance of Ms. Sana Mittal – CEO and Co-founder, FLOREN apprised the audience of entrepreneurial journey to build FLOREN as a "brand" where they discussed the problems such as poor intimate hygienic conditions of women in rural areas that embarked the journey of FLOREN with a vision to make Indian women empowered through FLOREN. They made the audience aware of probable solutions that ensure their intimate and menstrual hygiene which include maintaining a correct pH balance of their intimate area and switching to menstrual cups as a much safer and healthier alternative to sanitary pads during their periods. The session ended with a competition based on theme 'My Period Story' were some of the students shared their problems/myths related to their periods in form of their experiences. At the end Ms. Aditi and Ms. Vanshika Gupta, students of B.Sc. Medical were felicitated with beautiful gift hampers by FLOREN team. FLOREN team also Exhibited Feminine Hygiene Products such as intimate oils, sanitary pads, menstrual cups, seat covers. Around 67 students attended the session.













Interactive Session on achieving Problem-Solution Fit and Product-Market Fit

11 March 2023

An offline interactive sessionwas organized by the Institution's Innovation Council (IIC 5.0) and Start-up Cell on the topic 'Problem – Solution Fit and Product – Market Fit'. The resource person for the event was Mr. Sapandeep Kapoor, National Head (Display, Client peripheral and large format retail) at Dell Technologies, Gurugram, Haryana. Mr. Sapandeep started his session Quoting "There is always a market if the problem is real, and the solution is presented well". He explained the fundamentals of a successful business-like attitude to succeed in business, obsession for customers, genuine and thorough in business, superfast experimentation, and agility. He said if entrepreneurs are not making money, they are not doing business. Further, he described that India is the future start-up hub of the world by giving supporting statistics such as India ranks 19th among top global start-up hubs in the world; Bangalore, Delhi/NCR and Mumbai are in top 20 global start-up cities and India has 102 unicorns which is third highest in the world next to the US and China.

He continued his lecture by explaining the meaning of start-up. According to him, start-up is a business experiment with potential growth, and it has two important characteristics such as innovation and growth. He explained this with an example Robotic Salons. Then he emphasized two prerequisites of start-ups such as problem (i.e. a gap in the market) and need to solve the problem (i.e. a solution that effectively solves the problem from the perspective of the use in the market). He gave various examples of start-ups like Zomato, Airbnb, Uber, We Work, which came out from ideas to solve a problem. Further, he elucidated two types of start-ups viz., painkiller and vitamin. Painkiller is that start-up which solves the unmet needs of customers such as Google maps, Amazon echo, etc. while vitamin is a start-up which improves an existing solution such as to-do list apps, fitness trackers, next door, etc. He explained this with various examples of Apple iPhone, Spotify, Netflix, etc. His next part of the session was focused on problem-solution fit. He emphasized conducting customer research and analyze their behavior to solve problems. Further, a product or service that effectively fulfills the underserved needs of the target market to sustain growth and profitability is known as product-market fit. Then he described key indicators of product-market fit. Furthermore, he explained the concept of business pivot by giving examples of Starbucks, Twitter and Nintendo. At last, he explained the reasons for the failure of start-ups and how to raise initial funding for start-ups. Overall, the session was very interactive, informative, and engaging. The Principal of the college, Dr. Nisha Bhargava

appreciated the resource person for explaining the concepts of start-ups, pre-requisites of start-ups, problem-solution fit and product-market fit by giving various examples of successful start-ups. The session was followed by a discussion session that involved question answer session by the participants. A total of 81 students and 7 faculty members have attended the event



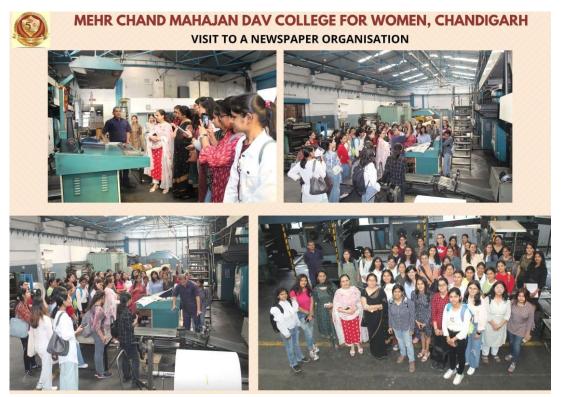




Field Visit to Hindustan Times 13 March 2023

Under the aegis of the college's Institution Innovation Council (IIC), the Department of Mass Communication organised a visit to the office of Hindustan Times- a National English daily. The visit is envisioned to provide the budding journalists experiential knowledge of the working of a newspaper Industry. The visit began with a stimulating interactive session with the Executive Editor Mr. Ramesh Vinayak, that witnessed discussion on a wide range of topics including a day in the life of an Editor, online journalism, ethics in journalism, the essential qualities of a journalist, and much more. This was followed by a tour of the newsroom wherein Ms. Yojna Yadav, Senior News Editor interacted with the students. Thereafter, the students were shown the press where they got to know about the newspaper printing process.

The over 43 students who were part of the visit found it highly informative as they witnessed the



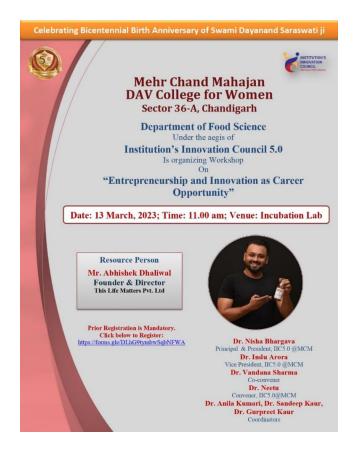
working of newspaper Industry from close quarters. Principal Dr. Nisha Bhargava expressed appreciation for this initiative to provide students with insights into the world of print journalism. She added that it is a matter of pride that the college ranks among the top Mass Communication institutions of the country.

Workshop on Entrepreneurship and Innovation as Career Opportunity 13 March 2023

Under the aegis of IIC 5.0, the Department of Food Science organized an offline interactive session on the topic "Entrepreneurship and Innovation as Career Opportunity" on 13th March 2023. The resource person for the event was Mr. Abhishek Dhaliwal, Founder and Director of THIS LIFE MATTERS Pvt. Ltd., based in Chandigarh. The brand manufactures the probiotic fermented drinks under the brand name EK KO MOH. These kombucha drinks are made up of natural ingredients and are proven to be beneficial for the gut health. The session commenced with worthy Principal Madam's address who emphasized on the need to have more such entrepreneurship-based sessions and workshops. The resource person started his talk by mentioning some of the successful entrepreneurs, who once started their venture as a start-up. He then gave a detailed insight into entrepreneurship and its significance, challenges and the key skills required for a successful entrepreneurial journey. Later he discussed the various ventures that the students can explore. Keeping in mind the current need of the hour and market scenario he chose the health sector for improving gut health in the form of his product. The resource person also discussed survival strategies of the fittest in the present neck to neck market competition. Mr. Abhishek also discussed about various government scheme supporting the women entrepreneurs and how they can avail such schemes for their start-ups and business ventures. Further, he discussed the key aspects required (patience, decision making, consistency etc.) within a person to establish his enterprise despite the growing challenges. Students participated actively in the session and were well apprised on the different aspects of entrepreneurial journey and how to overcome the roadblocks. They interacted well with the resources person and asked their doubts enabling them to have a clear vision for their future and funding schemes of government to support start-ups. Around 50 students and 4 teachers attended the session.









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