

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

Website: <https://mcmdavcwchd.edu.in/>



Report of Initiatives

taken under the aegis of

Institution's Innovation Council 4.0

(2021-22)

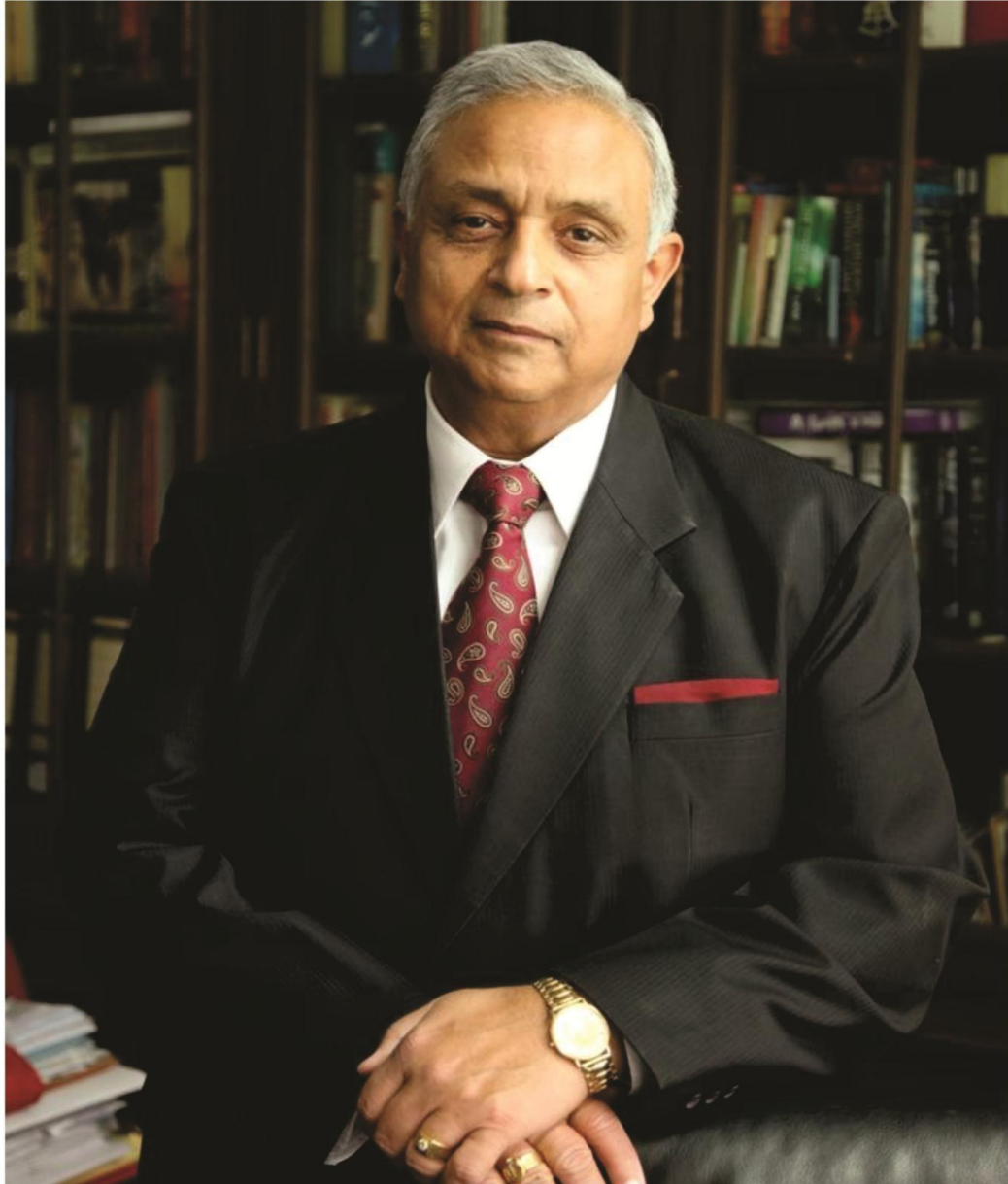


Our Beacon of Light



MAHARISHI SWAMI DAYANAND SARASWATI

Our Guide and Mentor



Dr. Punam Suri Ji, Padma Shree Awardee

Hon'ble President

DAV College Managing Committee

New Delhi



From the Principal's Desk

Heartfelt greetings!

I feel immense pleasure while writing this message for the annual report of Institution's Innovation Council (IIC 4.0), initiative of Ministry of Education's Innovation Cell (MIC). IIC@MCM was established in 2018 with an aim to develop innovation and startup ecosystem and nurture the culture of innovation and entrepreneurship among young students. Since 2018, IIC@MCM has come a long way and has received 3-star rating for the session 2018-2019 and 4-star rating for the sessions 2019-20 & 2020-2021 from Ministry of Education (MoE). I take this opportunity to appreciate the immense contribution of Institution's Innovation Council in creating awareness about Innovation and Entrepreneurship with wholehearted support from various departments. It is also a matter of immense pride for us that we received "PERFORMER" band under the category "General (Non-Technical)" in Atal Ranking of Institutions on Innovation Achievements (ARIIA) 2021, a flagship program of the Ministry of Education, Government of India.

I express my deep sense of gratitude to our mentor Dr Punam Suri Ji, Padma Shree Awardee, Hon'ble President Sir DAV College Managing Committee (DAVCMC) for being our guiding light, Shri H R Gandhar, Hon'ble Vice President and Senior Governing Body member for his constant motivation, Shri Shiv Raman Gaur, Hon'ble Director Higher Education for his guidance and support.

I am also grateful to our IIC team led by Dr Indu Arora for the successful implementation of the vision of the MoE's innovation Cell (MIC). I also congratulate the IIC team for bringing out this voluminous and beautiful report which highlights the numerous activities undertaken by this committee. May our efforts bring entrepreneurial bend of mind in our students which is essential for Aatmanirbhar Bharat!!



Dr. Nisha Bhargava
[Principal & President, IIC@MCM]

Institute's Innovation Council: Dream....Design.....Innovate



As Vice president of Institute's Innovation Council (IIC 4.0), I feel immense pleasure in sharing the activities undertaken Under the tutelage of Ministry of Education (MOE), Govt. of India. IIC@MCM has carved a niche for itself by having 4-star rating for 2019-20 and 2020-21 consecutively and getting "PERFORMER" band for ARIIA.

In sync with the action plan of turning new ideas into a concrete shape, IIC@MCM is constantly striving to encourage students to go for self-employability and avail funds for their startups under its CISP Policy. IIC@MCM is committed to create and enhance an ecosystem for innovation and entrepreneurship by arranging series of webinars, workshops, essay writing, case studies and many more. Students are also provided opportunities to innovate and ideate through competitions like Idea Competition and Internal Software Hackathons.

I express my heartfelt gratitude to our Principal & President of IIC@MCM, Dr Nisha Bhargava, for her continuous encouragement, support and guidance. I am also thankful to all the faculty and student members of IIC@MCM for meticulously working throughout the year. Last but not least, I feel extremely grateful to Ms Punam for uploading all reports well in time throughout the year.

Wishing all the best for all future endeavors!

Dr. Indu Arora

[Vice President, IIC 3.0@MCM]

**Institution's Innovation Council (IIC 4.0 @ MCM)
(2021-22)**

Designation	Name
President	Dr. Nisha Bhargava
Vice President	Dr. Indu Arora
Convener	Dr. Neetu
Social Media Coordinator	Ms. Punam
ARIIA Coordinator	Dr Sarabjeet Kaur
Innovation Activity Coordinator	Dr. Vandana Sharma
Internship Activity Coordinator	Dr. Arshdeep Kaur
IPR Activity Coordinator	Ms. Disha Sharma
Start up Activity Coordinator	Dr. Kiran Jindal
NIRF Coordinator	Dr Ritika Bansal
Members	
Ms. Chris Bindra Dr. Sunaina Jain Dr. Amandeep Kaur Dr. Purnima Bhandari Dr. Harjot Kaur Mann Dr. Rishu Dr. Renu Bala Dr. Nisha Dawra Dr. Nidhi Tanwar Dr. Ketaki Dwivedi	Dr. Sandeep Kaur Dr. Manika Kohli Ms. Manpreet Kaur Ms. Sandeep Kaur Ms. Sonali Mehndiratta Dr. Runjun Sharma Ms. Pallavi Gupta Dr. Jasleen Kaur Ms. Divya Sharma Mr. Kishor Kumar

Online PPT Competition on “Role of Start-Up and Entrepreneurship in Computer Industry” for celebrating India Start-up Day

(2 November 2021)

An Online Power Point Presentation competition for celebrating ‘India Start-up Day’ was organised by the Department of Computer Science & Applications (DCSA) under the aegis of IIC 4.0 on the topic ‘Role of Start-Up and Entrepreneurship in Computer Industry’. A total of 59 students and 05 faculty members attended the event through Google Meet and YouTube live streaming platform.

Sanvy Sharma of BCA-I emphasized on why Entrepreneurship is important to economy and discussed her views on Start-Up India Action plan. Avneet Kaur of B.Sc-I semester expressed start-up as something that has innovation factor its motive while entrepreneurship is the one which is financial factor as its motive. She explained the benefits of start-up and entrepreneurship as it generates employment and develop markets which fosters the innovation in business and thereby leads to invention of new software and hardware technologies. Parneet Kaur of BCA-III explained the start-up ecosystem and also brought into light the problems faced by Start-ups along with effect of Tech start-ups. Rimsha of BCA-I expressed start up as an idea that meets a platform to express itself under someone skilled in that particular field. Angellina Gill of BCA-I explained the main causes for failure of Start-ups. She pointed to the relevance of entrepreneurship and innovation for profit and non-profit ventures. Riddhi Sharma of BCA-I laid emphasis on new technologies which often create new opportunities and start-ups can take advantage of and can create a massive value over mature business, inspire competition and disrupt the economy to evolve. Alisha of BCAI discussed the ten startup mistakes. She also discussed three types of entrepreneurships – Small business, Online Business and Home-based Business. Jaskirat Kaur of BCA-I laid emphasis on the ‘must know before the start-up’. She presented the mistakes done by start-ups and give success mantra for unsuccessful persons. First Prize of Rs 1500 was given to Avneet Kaur of B.Sc-1 CA (555). Second Prize of Rs 1000 was given to Rimsha of BCA-1 (6704) and Third Prize of Rs 500 was given to Riddhi Sharma of BCA-1 (6703).

The session provided a thorough insight to the students on the meaning and relevance of “Role of Start-Up and Entrepreneurship in Computer Industry”. Further, various real-life examples were presented by the participants. Examples of well-known companies were also used to which the students could easily relate to. The students actively participated in the session and found the session very interesting and informative. Overall, the session was very interactive and insightful. It was well-received by the participants. The session equipped the students with the know-how to materialize their ideas of Start-Up and Entrepreneurship in Computer Industry which will help them pitch their proposals at various platforms.



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



Under the aegis of IIC 4.0
Department of Computer Science and Applications
organizes

Online Power Point (PPT) Presentation Competition
(for celebrating India Startup Day-October 1)
on the topic

"Role of Startup and Entrepreneurship in Computer Industry"
on

2nd November 2021 at 10:30 AM

Guidelines for the participants:

- This competition is open for students of Computer Science and Applications.
- Participants can make maximum 10-15 slides.
- Presentation time is 5-7 minutes.
- E-certificate and Cash Prize will be given to first three position holders.
- **Last date for registration : 31st October, 2021.**
- For registration, Fill Form at <https://forms.gle/QKK7RL42b4AxnhDA6>
- For any query, email at mcmiic4.0@gmail.com

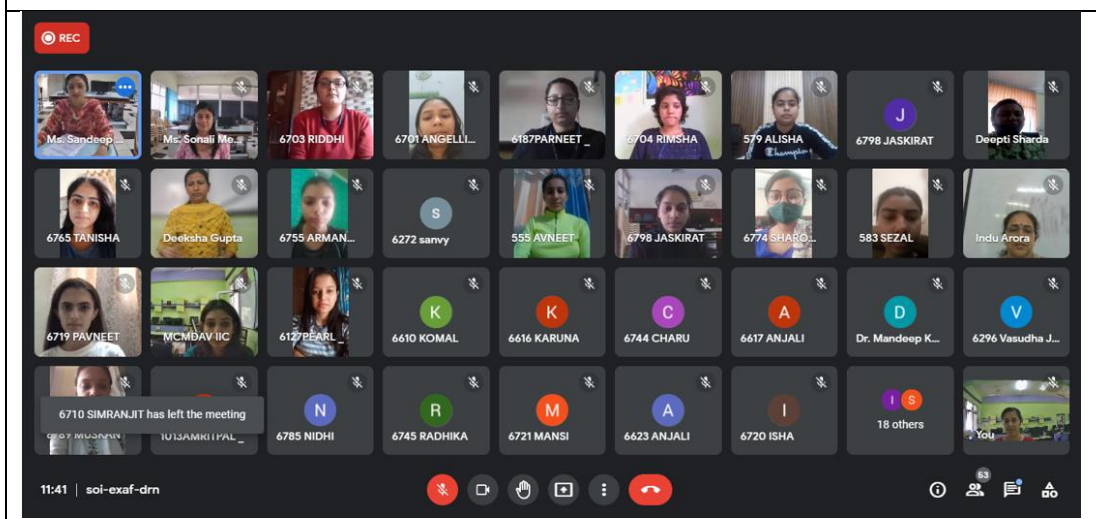


1st Prize : Rs. 1500/-
2nd Prize : Rs. 1000/-
3rd Prize : Rs. 500/-

*Ms. Sandeep Kaur & Ms. Sonali
Ms. Manmeet Kaur & Ms. Monika
Coordinators*

*Dr. Indu Arora
Vice President, IIC@MCM*

*Dr. Nisha Bhargava
President (IIC@MCM) & Principal*



**Online Essay Competition on “Grassroots Innovations in India”
for celebrating National Innovation Day
(2 November 2021)**

An Online Essay Writing competition for celebrating ‘National Innovation Day’(October 15) on account of Birth Anniversary of the Missile Man of India Dr. Abdul Kalam was organized by the Department of Computer Science & Applications under the aegis of Institution’s Innovation Council (IIC 4.0) on the topic ‘Grassroots Innovations in India’.

Alisha of BSc-I bagged First position. Srishti of BSc-III got Second Position and Angellina Gill of BCA-1 secured Third position. They were awarded e-certificates. This activity provided a thorough insight to the students on the meaning and relevance of innovations in India. Further, various real life examples were presented by the participants. The students actively participated in this event and found the activity very interesting and informative. Total 24 students participated in this activity.

Quarter-1 Meet (8 November 2021)

Quarter 1 meet held on 8 November 2021 for discussing action plan of Quarter-1. Dr Nisha Bhargava, Principal & President IIC 4.0, welcomed all members of the newly constituted 'Institute Innovation Council (IIC 4.0)'. She applauded the efforts made by the IIC 3.0 for pursuing the various activities of MIC. Dr Indu Arora, Vice President, apprised all members of their duties and their role in cultivating the culture of innovation and shared the thrust area of quarter1 as “Inspiration Motivation and Ideation”. So, activities of Quarter-1 should be related to the same thrust area.



**Session on National Education Policy
for celebrating National Education Day
(11 November 2021)**

A Session was organized by Department of Computer Science and Applications under the aegis of Institution's Innovation Council (IIC 4.0) on the topic 'National Education Policy'. The resource person for the event was Dr. Neetu, HOD, Department of Zoology and Convener IIC 4.0. A total of 40 students and 05 faculty members attended the session. The session was a great attempt to give an introduction of the National Education Policy to the students. The Policy was well explained to let the students understand that how innovation, startups and entrepreneurship are going to be integral part of education to make India self-reliant and progressive. Overall, the session was very interesting, informative, informational and insightful.



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
Institution's Innovation Council (IIC) 4.0
Organizes
A session on "National Education Policy" by Dr. Neetu, Convener, IIC 4.0
To celebrate
National Education Day
on
11th November, 2021 (11:00 am onwards)

Ms. Punam
Coordinator

Dr. Indu Arora
Vice President, IIC@MCM

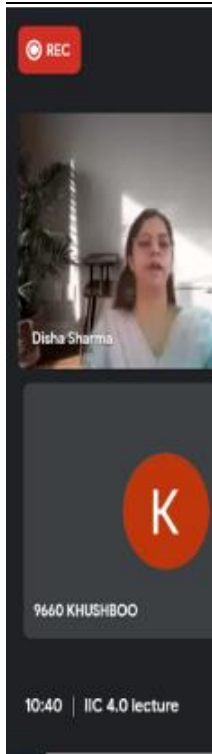
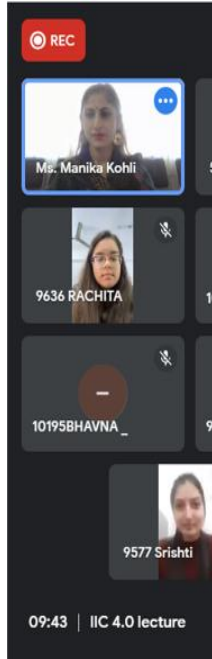
Dr. Nisha Bhargava
President (IIC@MCM) & Principal



Basics of Intellectual Property Rights and Technology Transfer (12 November 2021)

An online awareness session was conducted by the Institution's Innovation Council (IIC 4.0) on the topic 'Basics of Intellectual Property Rights and Technology Transfer'. The resource person for the event was Ms. Disha Sharma, Innovation Ambassador-IPRs and Technology Transfer, IIC 4.0. Around 100 participants and 4 teachers attended the event through Google Meet and YouTube live streaming platform. The session apprised the students on the need and benefits of using Intellectual Property Rights (IPRs) namely copyrights, trade secrets, patents, trademarks, and industrial designs. Some interesting examples of well-established companies like Coca-Cola, McDonald's, Puma, etc. were discussed to acquaint the students with the difference between various forms of IPRs. The concept of technology transfer was also elaborated by the speaker during the session. Finally, a live quiz was floated amongst the participants and live polling was done to know the views of the participants. Overall, it was a very well-articulated, insightful, and knowledgeable session. The session equipped the students with the basics of intellectual property rights and technology transfer. It was well-received by the participants.







**INSTITUTION'S
INNOVATION
COUNCIL**
(Ministry of Education Initiative)



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

Institution's Innovation Council 4.0
organizes
Online Awareness Session
on
**Basics of Intellectual Property Rights and Technology
Transfer**

Date: 12 November 2021 Time: 9:30 am onwards



Resource Person
Ms. Disha Sharma
Innovation Ambassador -
IPRs and Technology Transfer,
IIC 4.0

Instructions for the Participants:

- Join the session five minutes prior to the scheduled time through your institutional id.
- Only first hundred participants will be allowed to join. Rest of the participants can join through YouTube live streaming.
- Remain on mute mode and switch off your video throughout the session.
- Attendance form will be shared in the chat box during the session. It will be available for half an hour.
- Meeting link: <https://meet.google.com/hmr-ptwn-sni>

Ms. Nidhi Sharma
Dr. Manika Kohli
Ms. Manmeet Kaur
Coordinators


Dr. Neetu
Convener, IIC

Dr. Indu Arora
Vice President, IIC

Dr. Nisha Bhargava
President, IIC
& Principal


My Story - Motivational Session by Successful Innovator (26 November 2021)

My Story - Motivational Session by Successful Innovator, A Motivational Talk was organised by Institution's Innovation Council (IIC 4.0). The resource person for the event was Ms. Shivanshi Vashist, Managing Director, MicroRadical 360 degree Pvt. Ltd. The session was a great attempt to motivate students to become successful innovators and entrepreneurs. The speaker, an alumnus of MCM shared her journey of how she got seven patents to her credit and inspired students for converting their ideas into innovative products and services. Overall, the session was able to motivate students to think differently. A total of 104 students and 06 faculty members attended the session.




Mehr Chand Mahajan DAV College for Women

Sector 36-A, Chandigarh
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Institution's Innovation Council 4.0
Organizes a Motivational talk
by
Innovator Ms. Shivanshi Vashist
Managing Director, MicroRadical 360 degree Pvt. Ltd



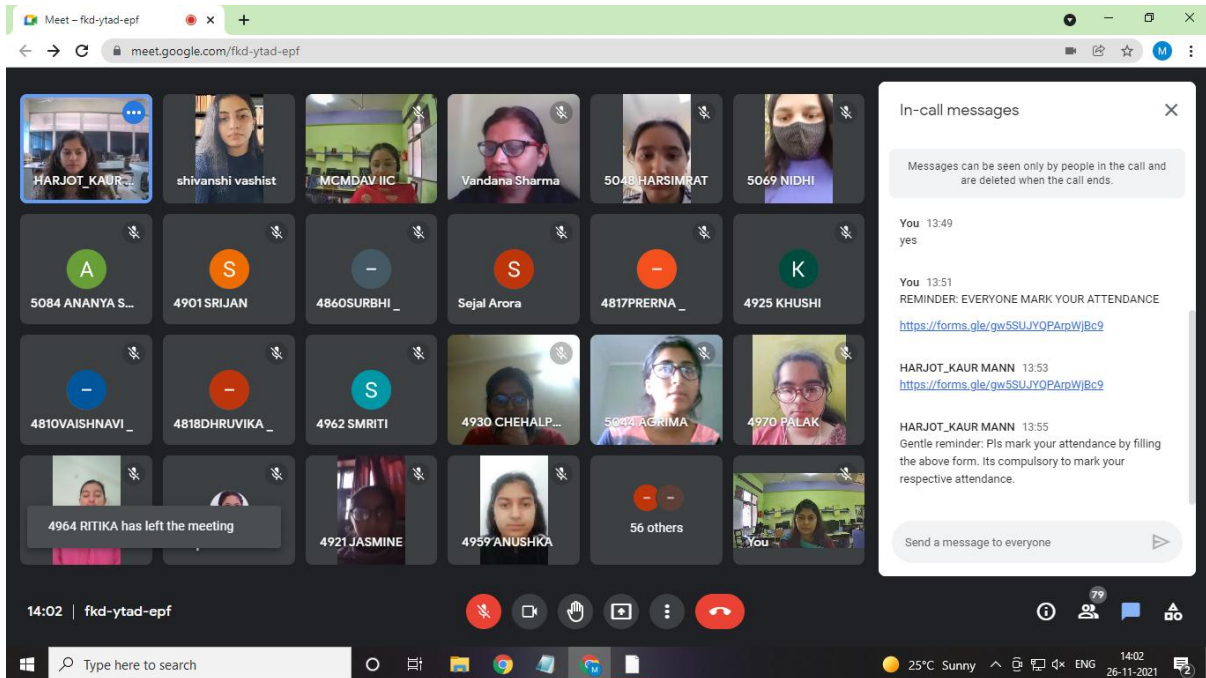
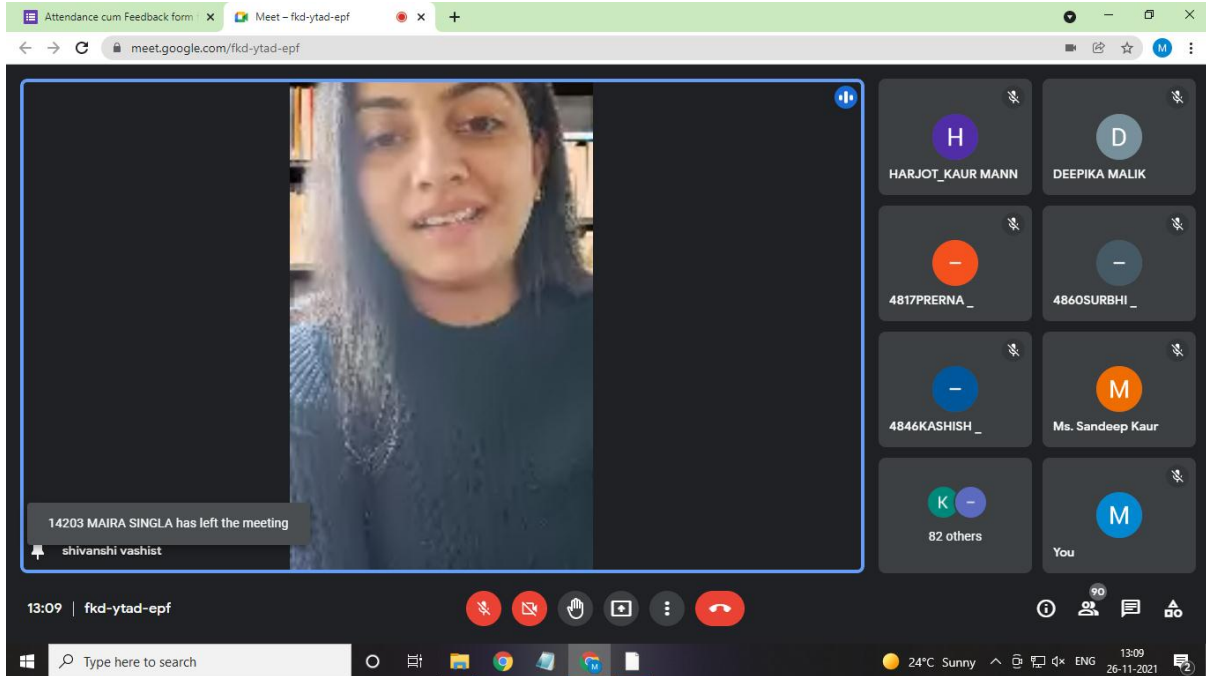
Date
26th November
2021

Time
11:30AM -12:30
PM

GENERAL INSTRUCTIONS FOR THE PARTICIPANTS

- ◆ The session will begin at 11.30 a.m. sharp.
- ◆ Join the session ten minutes prior to the scheduled time through your Institutional Id.
- ◆ Only first hundred participants will be allowed to join.
- ◆ Remain on Mute Mode throughout the session and ask your queries in the Chat Box.
- ◆ Attendance Form will be shared in the Chat box during the webinar. It will be available for half an hour.
- ◆ Meeting Link: meet.google.com/fkd-ytad-epf

<i>Dr. Vandana Sharma</i> <i>Dr. Harjot kaur Mann</i> <i>Ms Sandeep Kaur</i> <i>Coordinators</i>	<i>Dr. Neetu</i> <i>Convener, IIC</i>	<i>Dr. Indu Arora</i> <i>Vice President, IIC</i>	<i>Dr. Nisha Bhargava</i> <i>President (IIC) & Principal</i>
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Workshop on Entrepreneurship & Innovation as Career opportunity (27 November 2021)

A workshop was organized by Institution's Innovation Council (IIC 4.0) on the topic 'Entrepreneurship & Innovation as Career Opportunity'. The resource person for the event was Sh. Sidhant Banura, Director, Ashvamegha Solutions. A total of 68 students and 07 faculty members attended the session. The session was a great attempt to make students understand that how they can have successful careers as Entrepreneurs and innovators. Overall, the session was very informational and insightful. The students found the session very interesting and informative.



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Institution's Innovation Council 4.0
Workshop on
Entrepreneurship & Innovation as Career Opportunity
Resource Person: Sh. Sidhant Banura
Director, Ashvamegha Solutions



GENERAL INSTRUCTIONS FOR THE PARTICIPANTS

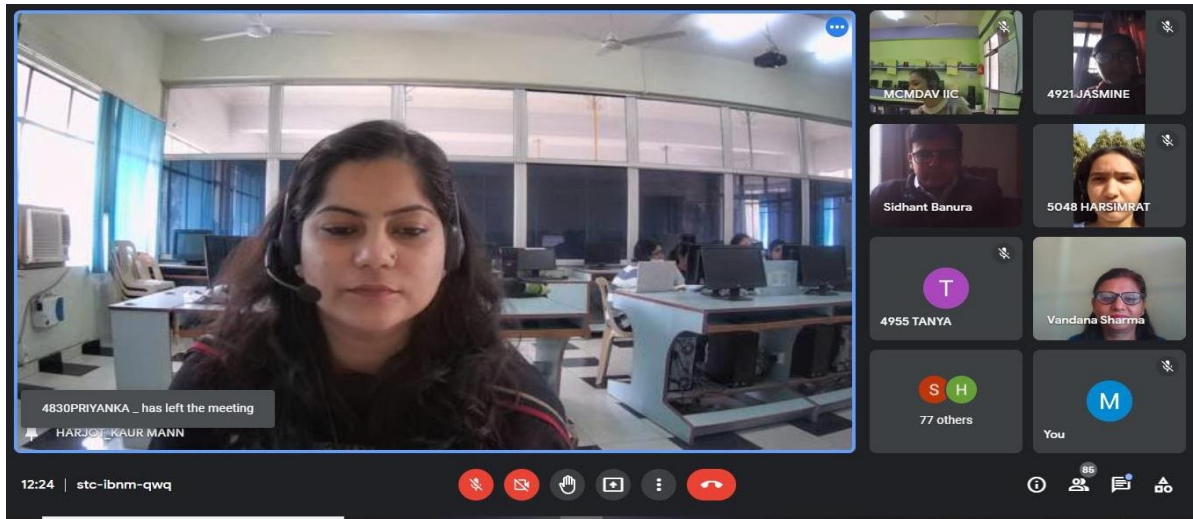
- ❖ The session will begin at 11.30 a.m. sharp.
- ❖ Join the session ten minutes prior to the scheduled time through your Institutional Id.
- ❖ Only first hundred participants will be allowed to join.
- ❖ Remain on Mute Mode throughout the session and ask your queries in the Chat Box.
- ❖ Attendance Form will be shared in the Chat box during the webinar. It will be available for half an hour.
- ❖ Meeting Link: meet.google.com/stc-ibnm-qwq

Dr. Vandana Sharma
Dr. Harjot kaur Mann
Ms Sandeep Kaur
Coordinators

Dr. Neetu
Convener, IIC

Dr. Indu Arora
Vice President, IIC

Dr. Nisha Bhargava
President (IIC) & Principal



**‘Just A Minute Idea’ competition on the theme ‘Stubble Burning’
for celebrating National Pollution Control Day- December 2
(02-08 December 2021)**

Institution’s Innovation Council 4.0 in collaboration with Department of Environment Science of the college organized “Just A Minute Idea” competition on the theme ‘Stubble Burning’ to mark the celebration of National Pollution Control Day on December 2. The last date of submitting idea was 8 December 2022 and results were declared on 11 December 2022. First prize of Rs 1000/- went to Muskaan Lamba of MA-II Economics, Second prize of Rs 800/- went to Bhavika Mehta of B.Sc.-II Non-Medical, Third prize of Rs 500/- went to Dhanu of B.Com-II and Consolation prize went to Simar B.A.-I and Yashika B.Com-I.

Since stubble burning is detrimental to the environment as the smoke released from burning pollutes the air, which eventually affects wildlife and human health. Apart from air pollution, this practice also affects the health of soil including its fertility, chemical and biological properties. Therefore, it is mandatory to make people aware; especially the farmers, about the hazards of burning the stubble in order to stop this menace. The objective of the event was to spread awareness about the hazards of stubble burning and to promote the green alternatives of stubble burning.

Around 23 students came up with innovative ideas to control the menace of stubble burning. Participants shared ideas like procuring of stubble from farmer for a price that can be used as cattle fodder, excess workers may be diverted to the agricultural fields to weed out the crop residues, this would solve dual purposes; one of stubble burning and other of providing employments. Turbo Happy Seeder is new kind of machine for in-situ management of stubble which uproots the stubble and sow the seeds in area cleared. PUSA bio-decomposer is another method which convert crop residue into manure by accelerating the decomposition process. Instead of burning the crop residue it may be used for compost making, roofing rural areas, as a fuel for energy, packaging of fragile material like glass and crockery, making biodegradable cutlery, paper and cardboard. Students enthusiastically shared their innovative ideas for the control of stubble burning and its alternatives via their video messages

MCM holds idea on stubble burn

CHANDIGARH: The Innovation Council of Environment Science at Mehr Chand Mahajan DAV Women, Chandigarh a Minute Idea Competition on the theme 'Stubble Burning' competition sought to the menace of stubble and motivate students with innovative ideas. The participants shared ideas for the control of stubble burning like procuring from farmer for a price as cattle fodder, diverting workers to the agricultural fields to weed out the crop residue, converting crop residue into manure by accelerating the decomposition process, compost making from crop residue, using stubble for packaging of fragile material like glass and crockery, making biodegradable cutlery, paper and cardboard, and so on. Three best entries were awarded cash prize Nisha Bhargava highlighted the importance of this saying that stubble burning poses a serious health and safety

MCM holds idea

The Aman Sandesh Times Network

Chandigarh: The Institution Innovation Council and Department of Environment Science at Mehr Chand Mahajan DAV College for Women, Chandigarh organised just a Minute Idea Competition on the theme 'Stubble Burning'. The competition sought to draw attention to the menace of stubble burning and motivate students to come up with innovative ideas to deal with it. The participants shared various ideas for the control of stubble burning like procuring stubble from farmer for a price to be used as cattle fodder, diverting excess workers to the agricultural fields to weed out

crop residue into manure by accelerating the decomposition process, compost making from crop residue, using stubble for packaging of fragile material like glass and crockery, making biodegradable cutlery, paper and cardboard, and so on. Three best entries were

to curb the practice is critical. The results of the competition are:
1st: Muskaan Lamba (MA Economics II)
2nd: Bhavika Mehta (BSc II)
3rd: Dhanu (BCom II)
Consolation: Simar (BA I), Yashika (BCom I)

Mehr Chand Mahajan DAV College for Women

Sector 36-A Chandigarh



Institution's Innovation Council 4.0

in collaboration with

Department of Environment Science

is organizing

A competition on

'Just a Minute Idea'

on the theme 'STUBBLE BURNING' to mark the celebration of

National Pollution Control Day

Important

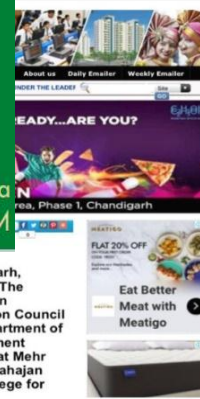
1. Record a video (not more than one minute) and share innovative ideas to control stubble burning and send it as MP3 or MP4 format in the link provided below.
2. One participant may share more than one idea.
3. Last date of submission is 8.12.2021.
4. Result will be declared on 11.12.2021 through official WhatsApp groups
5. Best three entries will be awarded with cash prizes; First-1000/-, Second-800/-, Third-500/-
6. E-certificates will be given to all participants

[CLICK HERE](#)

to upload the video

Dr. Shafila
Coordinator

Dr. Nisha Bhargava
Principal & President IIC@MCM



न्यूज डायरी

एमसीएम में पराली से निपटने के लिए प्रतियोगिता, मुस्कान बनी विजेता

चंडीगढ़। सेक्टर-36 स्थित एमसीएम डीएवी कॉलेज में शुक्रवार को पराली से निपटने के विषय पर विचार प्रतियोगिता का आयोजन हुआ। इंस्टीट्यूशनल इनोवेशन काउंसिल ने पर्यावरण विज्ञान विभाग के साथ मिलकर इस कार्यक्रम का आयोजन किया। इस दौरान प्रतिभागियों ने पराली जलाने के नियंत्रण के लिए विभिन्न विचारों को साझा किया। इस दौरान तीन सर्वश्रेष्ठ प्रविष्टियों को नकद पुरस्कार से सम्मानित किया गया है। प्राचार्य डॉ. निशा भागवत ने प्रतिभागियों की ओर से दिए गए व्यावहारिक समाधानों की सराहना की। प्रतियोगिता में एमए इकोनॉमिक्स द्वितीय वर्ष की मुस्कान लांबा को पहला, बीएससी द्वितीय की भाविका मेहता को दूसरा, बीकॉम द्वितीय वर्ष की धनु को तीसरा और बीए प्रथम वर्ष की सिमर और बीकॉम प्रथम वर्ष की यशिका को मान्यता प्रस्तुत किया गया।

एमसीएम ने पराली जलाने पर विचार प्रस्तुत करने के लिए प्रतियोगिता का आयोजन किया

चिनीद कुमार, मद्रासई संवाददाता

चंडीगढ़। मेहर चंद महाजन डीएवी कॉलेज परामिता, चंडीगढ़ में इंस्टीट्यूशनल इनोवेशन काउंसिल और डिपार्टमेंट ऑफ एनवायरमेंट साइंस ने 'जस्ट अ मिन्यूट आईडिया' विचार प्रतियोगिता का आयोजन किया। प्रतियोगिता में पराली जलाने के खतरों को और ध्यान आकर्षित करने और छात्रों को इससे निपटने के लिए नवीन विचार देने के लिए प्रेरित करने का प्रयास किया गया। प्रतियोगियों ने पराली जलाने के नियंत्रण के लिए विभिन्न विचारों को साझा किया जैसे, किसान से पशु चारे के रूप में उपयोग को जलने वाली कचरे में पराली को खरीद, फसल के अवशेषों को निर्यात के लिए ऑर्गेनिक खादों को कृषि क्षेत्रों की ओर भेजना, सड़न को तेज करके फसल अवशेषों को खाद में परिवर्तित करना, फसल अवशेषों से खाद बनाना, कंच और क्रीकरी जैसे नजुक सामग्री को पैकेजिंग के लिए उपयोग करना, बायोडिग्रेडेबल कटलरी, कागज और



कार्डबोर्ड बनाने में प्रयोग आदि। तीन सर्वश्रेष्ठ प्रविष्टियों को नकद पुरस्कार से सम्मानित किया गया। प्राचार्य डॉ. निशा भागवत ने इस प्रतियोगिता के माध्यम पर प्रकाश डालते हुए कहा कि पराली जलाने से होने वाला प्रदूषण लोगों के स्वास्थ्य और सुरक्षा के लिए खतरा है। उन्होंने जोर देकर कहा कि इस पर अंकुश लगाने के लिए व्यावहारिक, प्रभावी

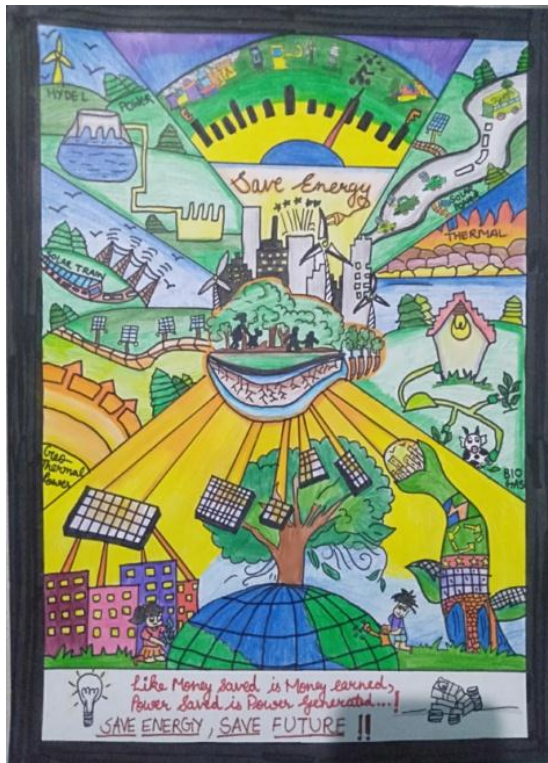
और स्थायी समाधान खोजना आवश्यक है। प्रथम: मुस्कान लांबा (एमए इकोनॉमिक्स कक्षा) द्वितीय: भाविका मेहता (बीएससी कक्षा) तृतीय: धनु (बीकॉम कक्षा) साँवला: सिमर (बीए कक्षा), यशिका (बीकॉम कक्षा)

**Collage making competition on the theme “Save Energy, Save Future”
for celebrating National Energy Conservation Day
(14 December 2021)**

A collage making competition was organized for under graduate students on the theme “Save Energy, Save Future”. The main objective of the competition was to create mass awareness about the importance of energy efficiency and conservation and to promote & encourage students to come out with their innovative ideas in terms of energy efficiency and its conservation. It might facilitate more cost-effective and innovative ways of energy savings. This activity was conducted between 13 December 2021- 16 December 2021.

Students mentioned several ways for minimizing the use of energy for better and healthy environment. Students elaborated about the use of natural light, solar energy and wind energy, more plantation, carpooling, switching off unnecessary electrical equipment, using bicycle for short distance commuting and many more methods which can make the earth greener. Around 35 students of B.Sc Medical and Non-Medical and Computer Application participated in this competition and shared their innovative ideas for saving the energy and protecting the environment for future generations. Dr Pallavi Gupta coordinated the activity. Three best entries were awarded with cash prizes worth Rs. 1000/-, 800/- and 500/-. Garima of B.Sc-III NM, Umang of B.Sc-III NM and Shreya of B.Sc-I NM bagged these awards.

Energy conservation is the effort made to reduce the consumption of energy by using less of an energy service. This can be achieved either by using energy more efficiently (using less energy for a constant service) or by reducing the amount of service used (for example, by driving less). Energy can be conserved by reducing wastage and losses, improving efficiency through technological upgrades and improved operation and maintenance. Students learn about some alternatives such as walking or riding a bicycle instead of driving a car can roughly reduce 60% of air pollution, using lights which consume less energy at homes, air dry our clothes rather than using dryers and many more can effectively help in reducing the use of energy and save it for future. One faculty and 32 students participated in the activity.



INSTITUTION'S
INNOVATION
COUNCIL

Mehr Chand Mahajan
DAV College for Women
Sector 36-A Chandigarh
 Institution's Innovation Council 4.0
 in collaboration with
 Renewable Energy committee
 and
 Department of Physics
 organizes
An Online Collage Making competition
 on the theme
"Save Energy, Save Future"
 To mark the Celebration of
National Energy Conservation Day
(14.12.2021)

Important

1. One participant may make more than one collage.
2. Only pdf formats for collage will be acceptable with size less than 10 MB
3. Last date of submission of collage is 16.12.2021
4. Result will be declared on 18.12.2021 through official WhatsApp groups
5. Best three entries will be awarded with cash prizes
First-Rs. 1000/-, Second- Rs. 800/-, Third-Rs. 500/-
5. E-certificates will be given to all the participants
6. Link for registration and submission of collage- [Upload](#)

Dr. Pallavi Gupta
Coordinator

Dr. Nisha Bhargava
Principal & President IIC@MCM

MIC driven activity in Quarter 2 on E-Symposium on Building Innovation Ecosystem in Educational Institutions- Day 1 (11 Jan 2022)

E-Symposium on Building Innovation Ecosystem in Educational Institutions-Day1 was organized by MOE's Innovation Cell (MIC). A total of 22 faculty members and 29 students attended the event by registering at <https://startupindiainnovationweek.in> portal or through YouTube live streaming. The discussion started with moderator Mr. Anil Sahasrabudhe, Chairman, All India Council for Technical Education (AICTE). Mr Sahasrabudhe focused on creating innovations that will strengthen our system and help in achieving sustainability. Three panelists discussed on the topic "Innovation, Human Values & Sustainability". The first panelist Mr. Harshit Rathore, Cofounder, Director & CTO, Noccarc Robotics elaborated the difference between innovation and invention. He stressed that invention can be thought of like Edison developed bulb but Innovation is practical implementation of the idea or it can be thought of as improvement of something already existing. He also focused on how innovation is related to human values. Innovation cannot happen at a place where human values are not found. The Second panelist Mr. Vikash Mittersain, Chairman and Managing Director, "Nazara Technologies Ltd.", Founder & President of India Business Group (IBG), a Chamber of Commerce emphasized how Innovation is important in India, being 6th largest economy. So, some system must be brought for innovations to be recognized. The third panelist Mr. Shrikant Badve, Managing Director, Badve Engineering Ltd focused that innovation is a part of life. If not implemented, our country will lag behind. He added that Indians have good intelligence and thought process, if it is used can be beneficial to many.

The moderator of the next session on "Best Innovation and Start-up Practices in HEIS" was Dr. K Radhakrishnan, ex-chairman ISRO, Chairperson of the Board of Governors of Indian Institute of Technology (IIT), Kanpur and Chairman of the Standing Committee of the IIT Council besides being Honorary Distinguished Advisor in the Department of Space/ISRO. He emphasized that higher educational institutions provide best talent in the form of faculty, research scholars with impactful publications. Mr. Abhay Karandikar, an Indian educator, engineer and advisor is best known for his work in telecommunication sector in India. He currently serves as the Director of Indian Institute of Technology, Kanpur. He focused on how education will have impact on society. He mentioned that IIT Kanpur has

setup incubators for their growth purpose and that primary objective of incubators is to provide flexibility so that translational research can be converted into commercial practices and objects. Mr. Aniruddha Pandit, Vice Chancellor (President), Institute of Chemical Technology, Mumbai mentioned the objective of Higher Education Institutions to generate, store, create repository of new knowledge and disseminate it at an appropriate time which is a crucial aspect. He focused on shifting our concern from thesis publications to development of product or services. Shri Rahul Nayer, specialized in Public policy and Technology policy. In his opinion, consultation is important than investment in any new business which is the first thing is to exist within any institution. The institutional model includes cooperative membership which is extremely important for developing a business. Shri Rajendra Ratnoo, IAS Officer, Joint Secretary, Department for Promotion of Industry and Internal Trade, Ministry of Commerce & Industry and also India's Controller General of Patent's Designs and Trademarks shared his viewpoint that IPR education is important for start-ups. There is a positive and direct correlation between IPR ownership and economic performance. Furthermore, he added that the companies that have IPR have 68% more profit than ones which don't possess IPR.

Overall, the panel discussions were informative. All the faculty members and student members found the session especially interesting and inspiring for budding entrepreneurs.





MIC driven activity in Quarter 2 on E-Symposium on Building Innovation Ecosystem in Educational Institutions- Day 2 (12 Jan 2022)

E-Symposium on Building Innovation Ecosystem in Educational Institutions- Day2 was organized by MOE's Innovation Cell (MIC). A total of 17 faculty members and 4 students attended the event by registering at <https://startupindiainnovationweek.in> portal or through YouTube Live streaming platforms. Celebrating 75 years of independence and talking of New India was the main focus in keynote address by Prof. K.Vijay Raghavan, Principal Scientific Advisor to the Government of India. He emphasizes that youth should be inspired and they should take entrepreneurship as a journey to learn and explore. **The first Panel discussion was on “Grey Hairs Not Mandatory to Build Great Enterprises”.** The panelists were young and successful entrepreneurs who shared their entrepreneurial journeys and experiences.

One of the panelist Ms. Shefali who is working on Drones shared that she started at the age of 21 years. Ministry of Education provided support and platform in the beginning which played a very important role in her success. Through her journey she learnt that entrepreneurship needs zeal. Her words “Don't think local and try to get absorbed in global ecosystem” conveyed her story. Other panelists shared that struggle is an important part of journey and it makes it incredible and stronger. One Panelist shared that being researcher in science museum at a miniscule stipend of just Rs1500/- played a key role in his learning. Entrepreneurship is for the person who believes in capitalism. He started as an innovator and opted for entrepreneurship later.

Another panelist, Ms. Neelam shared that research is a practical demand in being an innovator. Innovators must always be ready for learning process and experience to rely upon. Thinking differently with innovative and capital mind is essential. Young entrepreneurs also face many challenges and with experience they can find out solutions. So, moderators with grey hairs of experience and young people with zeal and innovative mind will shape the innovation's ecosystem. Mentorship is required and young entrepreneurs should become good mentees. One of the panelists share a quote “Great people don't have a career; they have a mission”. He added that perception and experience of mentors can help young minds in implementing their vision, while listening well the mentors will let innovators gain relevant experience. Panelists gave few pointers to young innovators and entrepreneurs such as listen to your Mentors and

parents and talk to them, don't self-doubt yourself, be bold enough and face rejections with positivity, "when you are winning, you should also know how to loose", "not Necessary to say Yes to everything". Learn to say No", manage your time effectively, focus on personal and professional time management, people with grey Hairs are going to be supportive and pay importance to culture and ethics.

Second Panel discussion was held on "Attracting Big Investment for Innovative ideas from Educational Institution". Dr. B.V. R Mohan Reddy, the Executive Chairman, Cyient was the moderator of the session. The discussion panel had three members. All the panelists - Dr. Anand Despande, the Founder & Managing Director, Persistent Systems, Mrs. Sridevi Pankajam, the Managing Director, Commonwealth Bank of Australia and Shri C.V. Raman, the Chief Technology Officer, Maruti Suzuki India Limited - were enthused with such platforms which are much needed for building up the R&D and innovation eco-systems in India. Dr. Anand Despande, pointed that the ratio between GR&D versus GDP of India is comparatively small to other nations and emphasis the need of India to spend more on R& D which is extremely important part for innovation ecosystem. Mrs. Sridevi Pankajam, emphasized the need to move quickly to applied research and applied innovations so that the industries find value in that. Also she pointed to the open innovations so as everyone be benefited from it, be academicians or industry instead of conversations over who will hold the IP. Shri C V Raman terms „Innovation“ as an essential ingredient for excellence and attracting big investments for the educational institutions. He discussed current state of the Auto-Industry and the expected changes over the next decade.

Third Panel discussion was held on "Schools, Innovation, Game and Curriculum". Dr. Mamta Rani Agarwal hosted the session. Shri Anil Pradhan, Founder, IPSFRI was the moderator of the session. The panelists in this discussion session were – Mr. Tanmay Kumar Sethi, a Class 9 student, DPS, Rourkela, Odisha. He by his absolute innovation designed a dustbin that has been formally accepted to be in by Government of Gujrat and granted a patent for it. Ms. Ayushi Singh, a Class 11 student of Conossa Convent Girls Inter college, Faizabad, UP. She developed the smart helmet laced with AI sensors especially for military men. Ms. Pooja Arora, Toycathon team – Macaw, JNU, New Delhi. Ms. Vedika Vignesh, Toycathon team –

Kreedavyuh, currently studying at DPS, Hyderabad, Telangana. Ms. Pooja Arora and Ms. Vedika Vignesh are the winners of first edition of Toycathon 2020. All the participants shared their experiences and learning in the journey of being young innovators.

Overall, the sessions were very informative and inspirational. The faculty members found the session especially interesting since they got the knowledge about putting their research experience in guiding students to become entrepreneurs.

Images of event attendees:



Second Quarter Review Meet 17 January 2022

Second Quarter Review Meeting was held in blended mode on 17 January 2022 for ensuring that IIC4.0@MCM was able to achieve the milestones set in the first quarter and deciding the action plan of Second Quarter. Due to unprecedented times of Covid or Omicron, MIC merged first two quarters for the purpose of organizing activities that is timeline was made flexible. Still IIC@MCM was able to meet the targets set in first quarter. During this meeting, activities were planned for Second Quarter under the theme of “Validation and Concept Development”.


MIC driven activity - Orientation Session on IIC4.0 & Features (24 January 2022)

Orientation Session IIC 4.0 & Features was organized by MOE's Innovation Cell (MIC) for all the institutions across the country having IICs or planning to establish IIC. The session was aimed to discuss the changes in IIC4.0 and how the institutions can make themselves Innovative and Entrepreneurial and helping them to develop a conducive environment to promote innovation and entrepreneurship among students and other stakeholders. It also aimed to encourage the outstanding institutions in previous years to come at the center-stage and encourage newer institutes to establish IIC in their institutes. The session also explained how the educational institutes have to play a major role in making students Innovative by Policy formulation, implementation and gathering data about impact of Innovation. It explained the relationship of NISP, IIC and ARIIA in Higher education institutes in detail.


Mr. Dipan Sahu, Assistant Innovation Director, MIC explained the process of IIC 4.0 Registration and Participation Guidelines for the Higher Education Institutes who still have to register to be a part of IIC. A detailed explanation was given about the new features of IIC 4.0 Portal and how to use it for filling data about activities. The institutions and participating faculty members came to know about the various types of programs and schemes for IIC institutions formulated by MIC MOE. The incentives and measurement of performance of IIC Institutions effort was also discussed in detail to let the participants how they can achieve performance stars by doing the MIC driven, Calendar activities, Celebration days and self-driven activities. The different classification levels of the institutes were also discussed. Mr. Sahu also explained the role of institutes already having IIC to be part of Mentor-Mentee and to encourage and help school students for knowledge transfer and innovation. Around 25 Faculty members of the college attended the session.

Webinar-cum-Workshop on Problem Solving and Ideation Workshop (15 February 2022)


A Webinar-cum-Workshop on Problem Solving and Ideation was organized by Department of Computer Science & Applications under the aegis of IIC 4.0 on 15 February 2022. The resource person for the webinar-cum-Workshop was Mr. Neeraj Mehta, Entrepreneur, Investor and Philanthropist. Mr. Mehta discussed how students can look around in their surroundings and identify real life problems that can be solved with the use of innovation and information technology. He also emphasized that entrepreneurship is the future and students should convert their hobbies, skills and ideas into business that generate employment. Around 61 students and 11 faculty members participated in the event. Overall, it was an informational interactive session that gave opportunity to students to ask their questions about ideation and entrepreneurship.



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
Institution's Innovation Council (IIC 4.0)

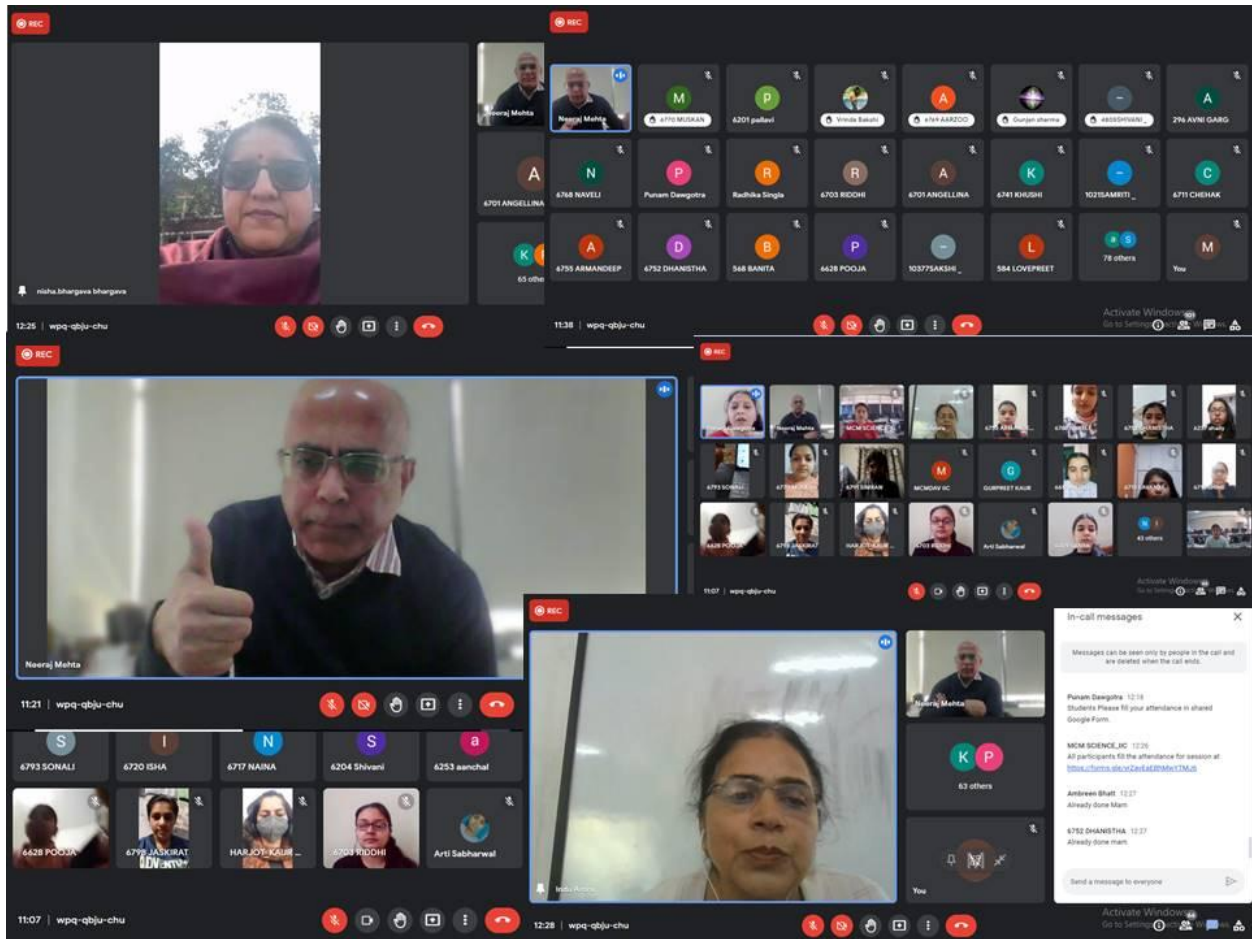


Organizes
Webinar cum Workshop
on
“Problem Solving and Ideation”
by
Mr. Neeraj Mehta, Entrepreneur , Investor And Philanthropist

DATE: 15th February 2022 **TIME: 11 AM onwards**
GOOGLE MEET LINK: <https://meet.google.com/wpq-qbjv-chu>

(Kindly join the meeting by 10.45am)

Ms. Punam Ms. Manmeet Kaur Ms. Sonali COORDINATORS	Dr. Indu Arora VICE PRESIDENT IIC @MCM	Dr. Nisha Bhargava PRINCIPAL & PRESIDENT IIC @MCM
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Webinar on Process of Innovation Development & Technology Readiness Level (TRL) & Commercialism of Lab Technologies & Tech-Transfer (22 February 2022)

A webinar was organized by the Institution's Innovation Council (IIC 4.0) on the topic 'Process of Innovation Development & Technology Readiness Level (TRL) & Commercialism of Lab Technologies & Tech-Transfer'. The resource person for the event was Prof. Rupinder Tewari, IPR-Chair Professor, Former and Founder Chairperson, Dept. of Microbial Biotechnology, Panjab University, Chandigarh. A total of 131 students and 10 faculty members attended the event through Google Meet and YouTube live streaming platform. The session was a great endeavor to acquaint the participants with Intellectual property rights and its commercialization. Various types of Intellectual Property Rights such as patents, trademarks, copyright, industrial design, geographical indication, etc. and how they protect the interest of producers and consumers were very well explained by the resource person through various examples. The role of IPRs in protecting, adding economic value and ensuring idea protection was also clarified. The resource person also demonstrated the role of innovative Intellectual property rights in the innovation ecosystem. He also discussed the history, importance and process of innovating intellectual property rights in different industries in detail. Finally, numerous leading innovative rights were also elucidated. Overall, the session was very interactive and intuitive.



Mehr Chand Mahajan DAV College for Women

Sector 36-A, Chandigarh (U.T)
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Institution's Innovation Council (IIC 4.0)

Organizes

Expert Talk

on



“Process of Innovation Development & Technology Readiness Level (TRL) & Commercialism of Lab Technologies & Tech-Transfer”

by

Prof. Rupinder Tiwari, IPR-Chair Professor

Dept. of Microbial Biotechnology, Panjab University, Chandigarh

DATE: 22nd February 2022

TIME: 11 am to 12:30 pm

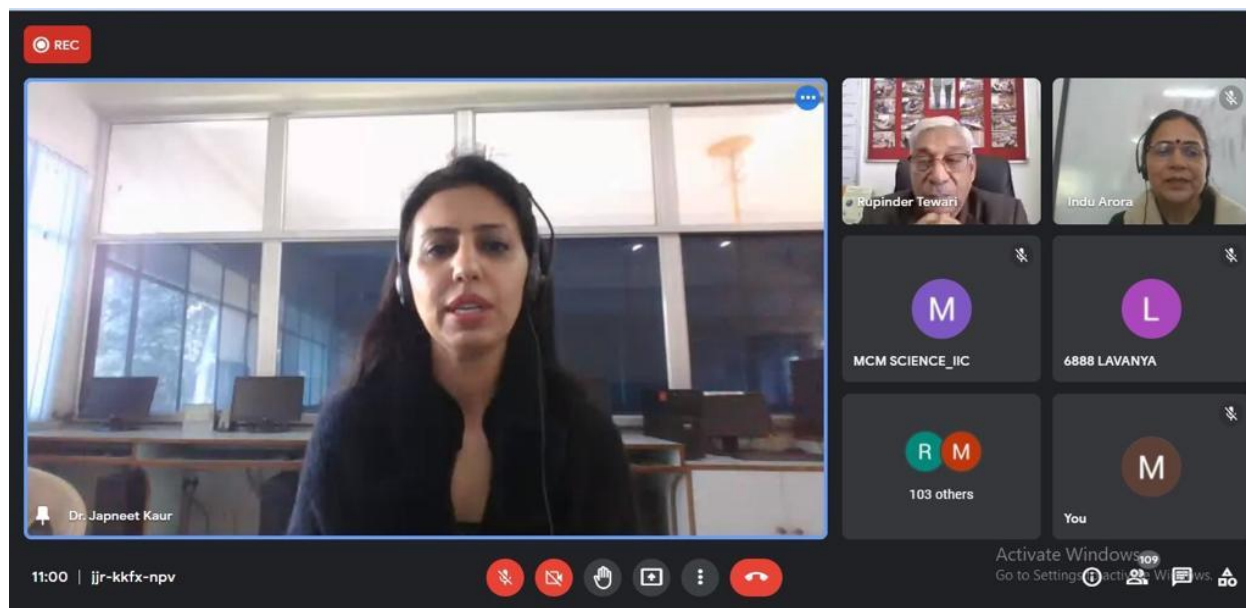
Google Meet Link: <https://meet.google.com/jjr-kkfx-npv>
(Kindly join the meeting by 10:50 am)

**Ms. Sidaq
Dr. Japneet Kaur
Ms. Sonali**
COORDINATORS

Dr. Neetu
CONVENER
IIC @MCM

Dr. Indu Arora
VICE PRESIDENT
IIC @MCM

Dr. Nisha Bhargava
PRINCIPAL & PRESIDENT
IIC @MCM



Industrial Cum Field Visit to Global Apiaries India, Dera Bassi (22 February 2022)

Department of Zoology under the aegis of Institution's Innovation Council and MCM Vigyan Manch organized an industrial cum field visit to Global Apiaries India, Dera Bassi on 22 February, 2022 for the students of B.Sc-III Medical. The field visit was organized to make the students understand the problems faced in establishing a successful Apiary. The students asked various questions from the officials in the company. 20 students and 3 faculty members went for the field visit.

Sh. Madan Sharma, the Proprietor of the firm shared his entrepreneurial journey and motivated the students to go for start-ups in beekeeping. He said that beekeeping is a technology that is simple, easily accessible and affordable, especially in rural areas. A number of small-scale industries depend upon bees and bee products. Honey and bee products find use in several industries such as pharmaceuticals, bees wax industries, bee venom, royal jelly, bee nurseries, bee equipment and hives etc. He emphasized that beekeeping is not only a source of honey and a variety of beehive products but it also enhances the productivity of crops due to better pollination and seed setting. There is a vast scope for expansion of beekeeping in India because we need at least 3 colonies/ha in crops and 5/ha in forests for pollination. Further he said that honeybees are affected by large number of viral, bacterial and protozoan organisms, ecto and endoparasitic mites, insects and non-insect enemies. The success of beekeeping depends upon proper understanding of the biology and behaviour of honeybees, their scientific management techniques including methodologies to combat various maladies like diseases and enemies. In spite of great potential of beekeeping in India, apiculture research in India and its gainful utilization has not yet received the required impetus and is far below the available resources. At the end he concluded that there is a need for undertaking scientific beekeeping in increasing honey production and pollination of crops. He motivated the students to apply their scientific knowledge and to explore the potential of biotechnological interventions for improving the quality and quantity of products.



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Awareness Session on “Role of NISP in cultivating Start-up Culture” (23 February 2022)

An Awareness Session was organized by the Institution’s Innovation Council (IIC 4.0) in collaboration with Start-up Cell of Mehr Chand Mahajan DAV College for Women, Chandigarh on the topic ‘Role of NISP in cultivating Start-up Culture’ on 23 February 2022. The Resource Person- Dr. Kiran Jindal, Assistant Professor, Mehr Chand Mahajan DAV College for Women elaborated CISP and NISP both. Dr. Japneet Kaur and Ms. Manmeet Kaur Coordinated the event. A total of 69 students and 04 faculty members attended the event through Google Meet and YouTube live streaming platform. The session was a great endeavor to acquaint the participants with the role of National Innovation and Startup Policy (NISP) in Cultivating Start-up Culture in Higher education institutions (HEI).

Various features of NISP were explained by the resource person in great detail. Further, the responsibilities of HEIs with regard to NISP were also deliberated. The resource person also elucidated lucrative incentives provided to the students as well as staff interested to work for innovation and entrepreneurship. She also discussed the initiatives of the institution with regard to Innovation and Start-up cell at the college level in detail. Finally, the documents to be submitted to Start up Cell for getting the seed money, consultation and mentorship by industry experts were also delineated. Overall, the session was very interactive and intuitive. The students found the session very interesting and informative. Students and faculty members understood about the incentives, initiatives and required documents to work for innovation and entrepreneurship.



Mehr Chand Mahajan DAV College for Women

SECTOR 36-A, Chandigarh (U.T.)
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Institution's Innovation Council (IIC 4.0)

in Collaboration with

Start-up Cell

Organizes

Awareness Session

on

"Role of NISP in cultivating Start-up Culture"

by

Dr. Kiran Jindal

Assistant Professor,

Mehr Chand Mahajan DAV College for Women

TIME: 11:00 am – 12:30 pm



DATE: 23rd Feb, 2022

Google Meet Link: <https://meet.google.com/ihw-vqjq-mod>

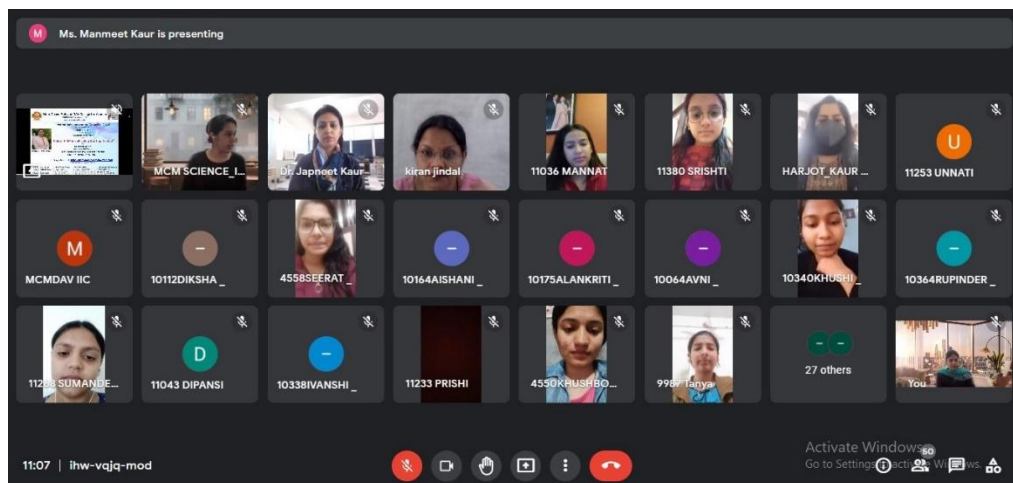
(Kindly join the meeting by 10.50 am)

*Dr. Japneet Kaur
Ms. Manmeet Kaur
COORDINATORS*

*Dr. Kiran Jindal
CONVENER
Start-up Cell @MCM*

*Dr. Indu Arora
VICE PRESIDENT
IIC @MCM*

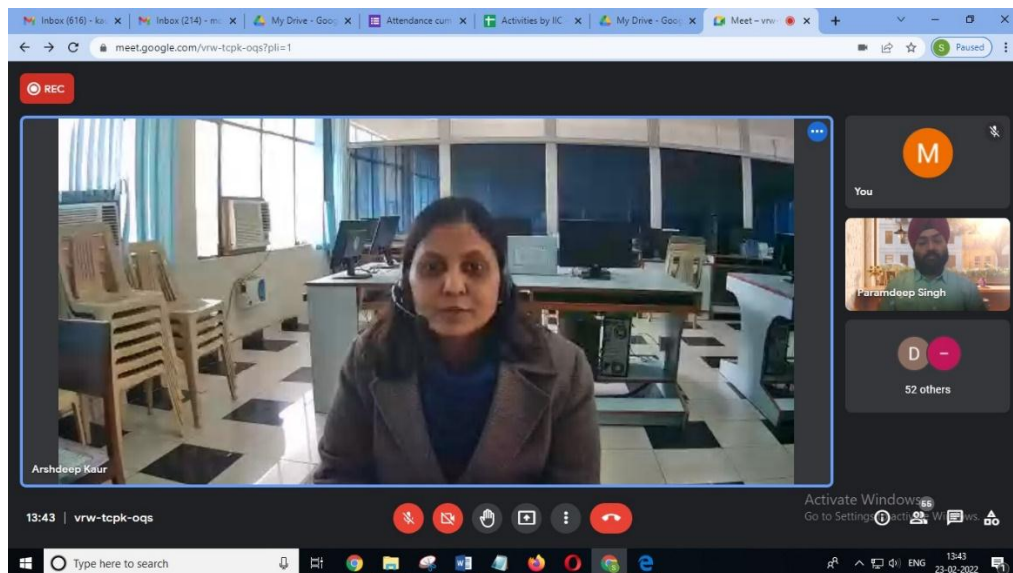
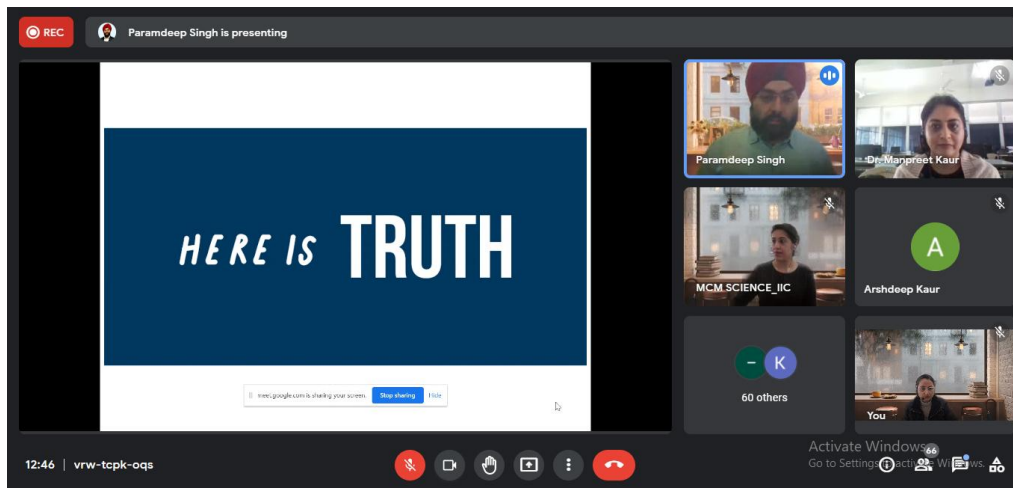
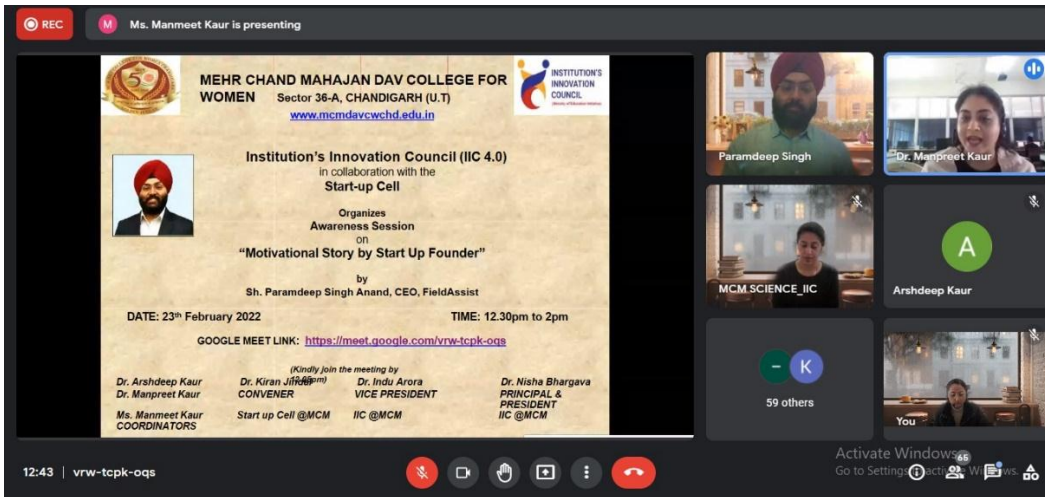
*Dr. Nisha Bhargava
PRINCIPAL & PRESIDENT
IIC@MCM*



“Motivational Story by a Startup Founder” (23 February 2022)

“You don’t learn to walk by following rules. You learn by doing and falling over.” –**Richard Branson, Virgin Group Founder**

An Awareness Session was conducted by the Institution’s Innovation Council (IIC 4.0) in collaboration with the Start-up Cell on the topic ‘Motivational Story by a Start Up founder. The resource person for the event was Mr. Paramdeep Singh Anand, CEO, Field Assist, India’s leading B2B sales Automation Platform. Mr. Paramdeep Singh, Mechanical Engineer, founded his first start-up in the FMCG space during his engineering days at the Vellore Institute of Technology (VIT) campus, when even the word ‘Start-Up’ wasn’t in trend. He explained in a very elaborative way that we need not only to love our idea but also be a critique of our idea. He felt that ecosystem is far more encouraging and fertile for risk-takers, doers, and people who want to make a difference in the lives of people around the world. He also emphasized that an entrepreneur must think big, think fast and think ahead because ideas are no one’s monopoly. Further, the challenges faced by entrepreneurs and reasons for the failure of start-ups were also discussed. At the end, numerous privileges available for the students for venturing into a start-up were also elucidated. Overall, the session was very interactive and intuitive. The students found the session very interesting and informative. Around 60 students and 05 faculty members attended the event through Google Meet and YouTube live streaming platform. Dr. Kiran Jindal, Dr. Arshdeep Kaur, Dr. Manpreet Kaur & Ms. Manmeet Kaur Coordinated the event. The session was really an enriching session to acquaint the participants with various challenges associated with start-ups for entrepreneurs.



Online awareness session on Social Entrepreneurship (26 February 2022)

"A social entrepreneur is somebody who knows how to make an idea reality" stated by Ebloo Patel signifies the importance of the concept and need of social entrepreneurship. Keeping this in mind, Institution's Innovation Council (IIC 4.0) of Mehr Chand Mahajan DAV College for Women, Chandigarh organized an online awareness session on the topic Social Entrepreneurship on 26 February 2022. The main objective of the session was to spread awareness about the working process that goes into social entrepreneurship and to provide real life examples of people who have aced the job to tackle social, cultural and environmental issues using innovative and path breaking solutions.

The Resource Person, Dr. Ketaki Dwivedi, Assistant Professor, Mehr Chand Mahajan DAV College for Women focused that as the world advances towards new heights, social challenges have engulfed us in equal measure. This sparks a dire need among people with a boatload of energy to come up with solutions to tackle social issues and hence, there is a growing need of social entrepreneurship. The session was power packed with a wealth of knowledge about social entrepreneurship. The key takeaways of the awareness session are a social entrepreneur holds the key for future development and sustainability and enables access, harness aid and lays the foundation of peace. The main difference between a social entrepreneur and a corporate entrepreneur is that the former is not profit driven. Concept of 3C's highlights the significance of the benefits of a consumer. Being strategic, resourceful and result oriented are the primary conditions to become a successful social entrepreneur. The awareness session witnessed an energetic response. Different brains with different perceptions gained knowledge from Dr. Ketaki Dwivedi's engaging and crisp insights into the world of social entrepreneurship. More than 100 students of the college from various streams actively marked their presence in this educational session which cements the success of the event. Dr. Sunaina Jain, Ms. Manmeet Kaur coordinated the event.



MEHR CHAND MAHAJAN DAV COLLEGE FOR WOMEN
SECTOR 36-A, CHANDIGARH (U.T.)
www.mcmdavcwchd.edu.in



Institution's Innovation Council 4.0
Organizes
An Online Awareness Session
On
Social Entrepreneurship
by
Dr Ketaki Dwivedi
Assistant Professor,
Mehr Chand Mahajan DAV College for Women

DATE: 26 February 2022

TIME: 11.00 am onwards

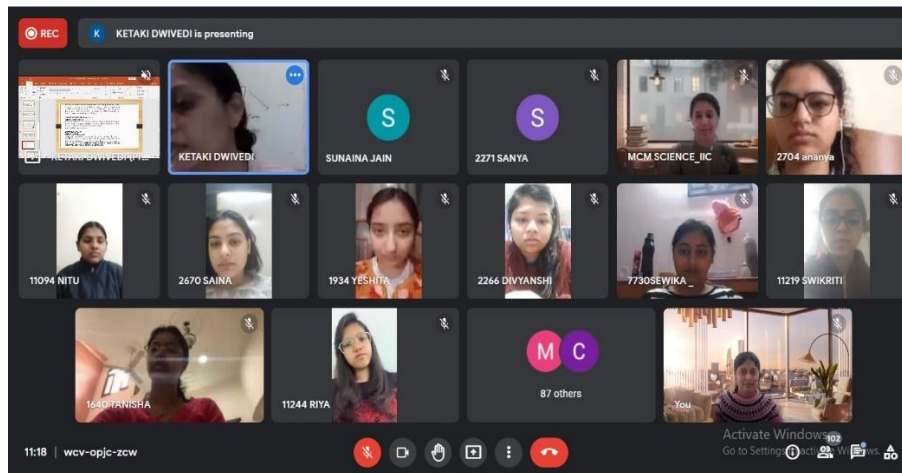
GOOGLE MEET LINK: <https://meet.google.com/wcv-opjc-zcw>
(Kindly join the meeting by 10.50 am)

Dr. Sunaina Jain
Ms. Manmeet Kaur
COORDINATORS

Dr. Neetu
CONVENER
IIC@MCM

Dr. Indu Arora
VICE PRESIDENT
IIC@MCM

Dr. Nisha Bhargava
PRINCIPAL &
PRESIDENT, IIC@MCM



**National Level Online Power Point Presentation Competition on The Theme-
‘Innovations That Define Modern India’
For Celebrating Science Day
(28 February 2022)**

National Level Online Power Point Presentation competition sponsored by Department of Science & Technology & Renewable Energy was organized by Department of Computer Science & Applications under the aegis of IIC 4.0 and MCM Vigyan Manch on February 28, 2022. A total of 28 students presented their PPT through Google Meet and YouTube live streaming platform. Dr Indu Arora, Ms Punam Dawgotra and Dr Ritika Bansal adjudged the event.

Participants emphasized on the Innovations that define the modern era of India and its importance for the growth of the economy. Students explained various real-life examples such as “Solar Trees”, “e-Bicycles”, low-cost wind turbines, and self-repairing road, etc. They focused on the innovations which have the potential to dramatically impact the way people live. Also, few students related Innovation to environment and presented insightful topics such as “Evigreen Edible Bags”. One of our daily life applications that was quite used in Covid-19 “Aarogya Setu” App was also presented by one participant. USB Cables which are used by most of IT Industry people and even in our daily life was also explained.

The session provided a thorough insight to the students on the meaning and relevance of “Innovations that Define Modern India”. Further, various real-life examples were presented by the participants. The students actively participated in the session and found the session very interesting and informative. The session equipped the students with the know-how to materialize their ideas of Start-Up and Entrepreneurship in Computer Industry which will help them pitch their proposals at various platforms. First Prize of Rs. 1500/- was given to Mr. Gautam, Panjab University, Chandigarh, Second Prize of Rs. 1000/- was given to Mr. Keshav, Chandigarh Group of Colleges, Landran and Third Prize of Rs. 500/- was given to Ms. Gurmani Kaur, Khalsa College for Women, Civil Lines, Ludhiana. Consolation prize went to Angellina Gill, Mehr Chand Mahajan DAV College for Women, Sector-36, Chandigarh



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



www.mcmdavcwchd.edu.in
Under the aegis of Institution's Innovation Council (4.0)
Department of Computer Science and Applications

organizes
National Level Online PowerPoint Presentation Competition
on
"Innovations that Define Modern India"

Sponsored by
Department of Science & Technology & Renewable Energy
Chandigarh Administration

on
28th February 2022, 11:00 A.M. onwards



Guidelines for the participants:

- This competition is open for all students irrespective of their course.
- Multiple entries are allowed from single institution with team size of one participant.
- Participants can make maximum 8-12 slides.
- Presentation time is 5-7 minutes.
- NOTE: Participant's Institution Name/ Affiliation shall not be disclosed either in PPT or while presenting your slide.
- Theme "Innovations that Define Modern India". For example- Electric cycle, Portable Chargers, Solar Power Tree etc.
- Cash prizes will be given to first three position holders.

- **Last date for registration: 26th February, 2022.** [REGISTER NOW](#)
- **Participants are to upload their presentation latest by 27th February, 2022 04:00 P.M.**
- For any query, email at dcsamcm@gmail.com

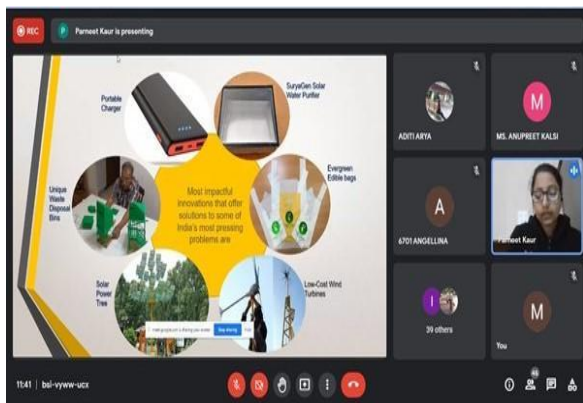
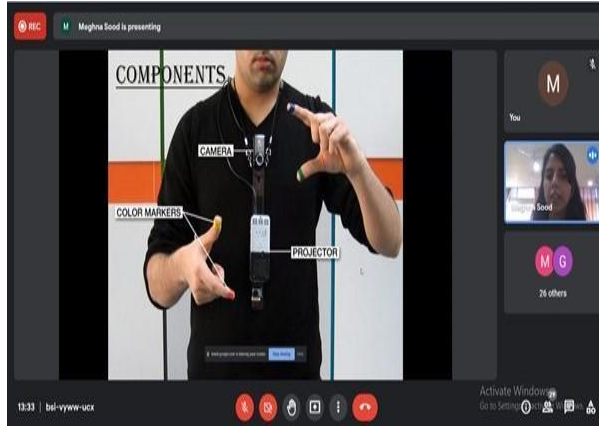


Ms Manmeet Kaur, Ms Sandeep Kaur
Ms Sonali Mehdiratta
Coordinators

Dr Indu Arora
Vice President, IIC@MCM
& Head, DCSA

Dr Nisha Bhargava
President (IIC@MCM)
& Principal





Workshop on Entrepreneurship Skill, Attitude and Behaviour Development (3 March 2022)

An online workshop was conducted by the Institution's Innovation Council (IIC 4.0) on the topic "Entrepreneurship Skill, Attitude and Behaviour Development". The resource person for the lecture was Prof (Dr) Raj Kumar Singh, Dean (R&D), HOD (Department of Commerce) and Chairperson (Centre for Entrepreneurship, Innovation and Skill development), School of Management Sciences, Varanasi. A total of 108 students and 09 faculty members attended the workshop through Google meet link and YouTube live streaming platform. The lecture provided a thorough insight on the meaning of entrepreneurship skills, attitude and behavior. The resource person also discussed the need for more startups and patents in a developing country like India. Though the number of patents has increased due to government support but less than one (out of 100) finally converts and comes to the market.

The resource person also emphasized on the 3C model: Convenience, Choice and Cost Model. Further the speaker discussed the main principles of technological feasibility, desirability of customer and viability of a business. He gave suitable examples from shadi.com, Naukri.com, make my trip, cloud kitchen, Kirloskar pump, etc. to validate his ideas on innovations. He also emphasized on the need to identify, validate the concepts and make customer relations. Gaining loyalty of a customer is an asset for a good entrepreneur. In order to develop an innovative ecosystem in an institution, there is a need to have cost benefit, technical benefit and strategic fit analysis. Also discussed the importance of more experiments and business plans for successful innovations. The session was very informative and interesting and well received by the participants. The students actively participated in the session by raising various questions and discussing their doubts with the resource person. They gained a lot of information on the government measures to support startups and how to tackle failures in the entrepreneurship journey. Overall, the session was very informative and insightful for the students aiming to be successful entrepreneurs with innovation skills.



Mehr Chand Mahajan DAV College for Women
Sector 36-A, Chandigarh
www.mcmdavcwchd.edu.in



Under the aegis of Institution's Innovation Council (4.0)
organizes

Date:
3rd March, 2022

Time:
11:00 am

Workshop on
"Entrepreneurship skill, Attitude and Behaviour Development"

By
Prof.(Dr.) Raj Kumar Singh
Dean (R&D) & HOD (Department of Commerce)
Chairperson, Centre for Entrepreneurship,
Innovation & Skill Development School of Management Sciences
Varanasi, India



GENERAL INSTRUCTIONS FOR THE PARTICIPANTS

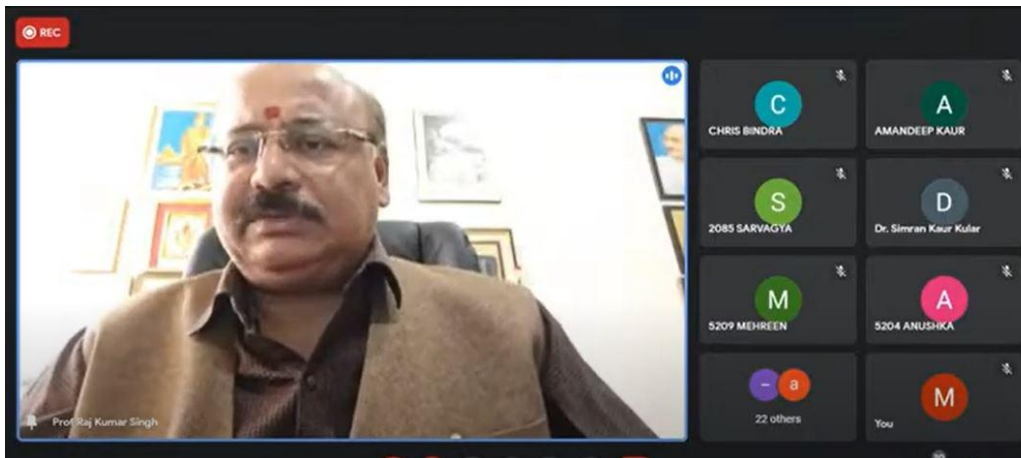
- The session will begin at 11.00 am sharp.
- Join the session five minutes prior to the scheduled time through your Institutional Id.
- Attendance Form will be shared in the chat box during the workshop. It will be available for half an hour.
- Meeting link <https://meet.google.com/pft-minx-xw>

Dr Amandeep Kaur
Ms Chris Bindra
Coordinators

Dr Neetu
Convener
IIC@MCM

Dr Indu Arora
Vice President
IIC@MCM

Dr Nisha Bhargava
President (IIC@MCM)
& Principal



REC

Prof. Raj Kumar Singh

CHRIS BINDRA

AMANDEEP KAUR

2085 SARVAGYA

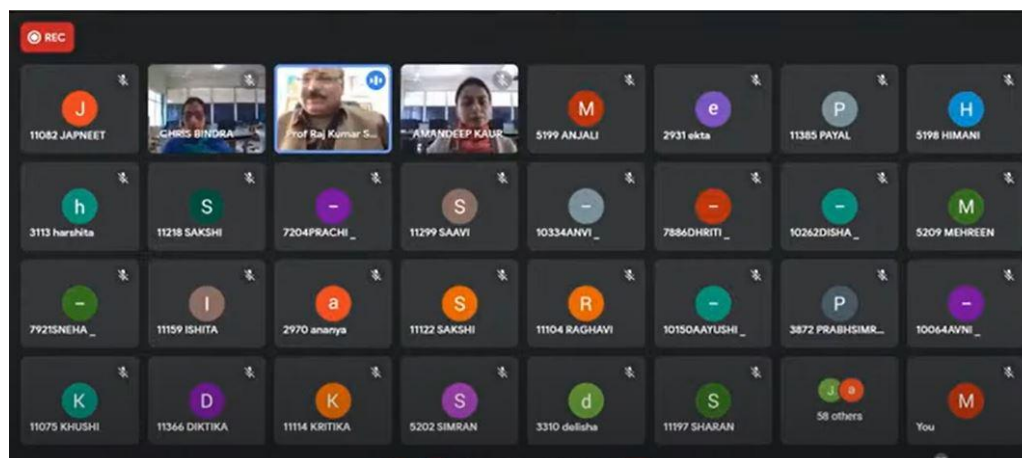
Dr. Simran Kaur Kuler

5209 MEHREEN

5204 ANUSHKA

22 others

You



REC

11082 JAPNEET

CHRIS BINDRA

Prof. Raj Kumar S...

AMANDEEP KAUR

5199 ANJALI

2931 ekta

11385 PAYAL

5198 HIMANI

3113 harshita

11218 SAKSHI

7204PRACHI_

11299 SAAVI

10334ANV_

7886DHRI_

10262DISHA_

5209 MEHREEN

7925SNEHA_

11159 ISHITA

2970 ananya

11122 SAKSHI

11104 RAGHAVI

10150AAYUSHI_

3872 PRABHSIMR_

10064AVNI_

11075 KHUSHI

11366 DIKTIKA

11114 KRITIKA

5202 SIMRAN

3310 dellaha

11197 SHARAN

58 others

You

**Workshop on How to Develop Proof of Concept for Innovative Ideas/Pitching
Event for POCs Developed and Linkage with Innovation Ambassadors for
Mentorship Support
(05 March 2022)**

The Institution's Innovation Council 4.0 organized a session on "How to Develop Proof of Concept for Innovative Ideas/Pitching Event for POCs Developed and Linkage with Innovation Ambassadors for Mentorship Support" on 5 March 2022 by Innovator Ms. Shivanshi Vashist, Managing Director, Micro Radical 360 Degree Pvt. Ltd. Ms. Vashist has 7 Patents to her credit and has received rupees 50 Lakhs grant from the BIRAC for her innovation in enzymes. The main objective of the session was to encourage students to take entrepreneurship as a career and gain clarity on the grants provided to the under-graduate students for research projects having social benefits. Dr. Sandeep Kaur and Dr. Kirti Singla coordinated the event. Around 59 students and 6 faculty members attended this offline session.

Ms. Shivanshi Vashisht influences the students to take up entrepreneurship as a career. She elucidated the 4 steps of Laboratory Business Plan i.e. 01 Step- Ideation Stage, 02 Step- Proof of Concept, 03 Step- Prototype and 04 Step- Manufacture. She explicit that on Prototype Step we can get the grants and funding from BIRAC, Centre Government, and International Private Agencies, etc. She explained the chief principals of SWOT (Strengths, Weaknesses, Opportunities and Threats) Analysis. SWOT analysis assesses internal and external factors, as well as current and future potential.

The students were actively engaged in the session and responded well to the learning. The students will be further trained on these grounds and shall be making their own business development plans (initially as draft plans). Motivation always keeps you align towards your goals and helps you to work with great zeal. The session as a whole was very valuable in informing and giving an insight into the expectations of student's research and entrepreneurship related projects.

BROCHURE





Idea Competition (09 March 2022)

Institution's Innovation Council (IIC 4.0) organized an online Idea Competition on 9 March 2021. A total of 11 teams of 20 students participated in the Idea Competition and presented their ideas on various themes. Around six faculty members attended the event.

Theme	Idea Topic
Other emerging areas of Innovation and Startup opportunity	Fighting Food Waste: A Novel Approach
Healthcare and Biomedical Devices	Lifeline - Saving lives
Healthcare and Biomedical Devices	The Repertoire of Bamboo (Fifth prize)
Waste Management	Coconut soil
Food Processing	Beet leaves as probiotics (First prize)
Other emerging areas of Innovation and Startup opportunity	Sustainable bio-based food packaging through waste recycling (Second prize)
Food Processing	Basket full benefits of organic tablets over chlorine tablets for purification of water (Third prize)
Waste Management	C spray
Food Processing	Bryovera the healthy elixir
Food Processing	Protein bars (Fourth prize)
Other emerging areas of Innovation and Startup opportunity	AI Enabled quality monitoring of fruits and vegetables

Out of these 6 teams were shortlisted by the screening committee for off line presentations. First Prize of Rs 20000/- went to Agrima and Palak of Bsc MFT-II for Beet leaves as probiotics. Second Prize of Rs 15000/- went to Noveldeep Kaur and Harsimrat Kaur of BSc MFT-II for Sustainable Bio based food packaging through waste recycling. Third Prize of Rs 10000/- went to Charlie and Chailcy Verma MFT-II for Basket full benefits of organic tablets over chlorine tablets for purification of water. Fourth Prize of Rs 5000/-went to Rupika arya, Mehak bains MFT II for Protein Bars. Fifth Prize of Rs 3000/-went to Sangam and Aayushi Roy MFT-II for the Repertoire of Bamboo.



Mehr Chand Mahajan DAV College for Women
Sector 36-A, Chandigarh
www.mcmdavcwchd.edu.in
Institution's Innovation Council (IIC 4.0)
Idea Competition – 9th March, 2022





**Five Cash prizes of
Rs.20000, Rs.15000,
Rs.10000, Rs.5000 &
Rs.3000 will be given to best
Ideas reaching POC level**

SUGGESTED THEMES

- Healthcare & Biomedical devices.
- Agriculture & Rural Development.
- Smart Vehicles/ Electric vehicle/ Electric vehicle motor and battery technology.
- Food Processing.
- Robotics and Drones.
- Waste management.
- Clean & Potable water.
- Renewable and affordable Energy.
- IoT based technologies (e.g. Security & Surveillance systems etc.)
- ICT, cyber-physical systems, Blockchain, Cognitive computing, Cloud computing, AI & ML.
- Other emerging areas of Innovation and Startup opportunity.

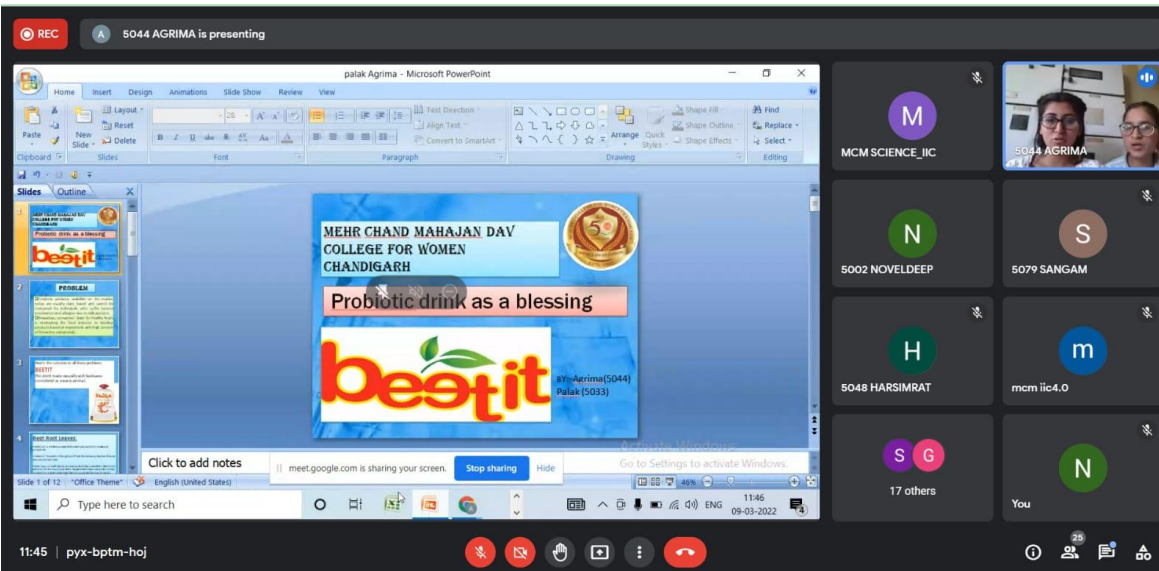
GENERAL INSTRUCTIONS FOR THE PARTICIPANTS

- Students should take ideas from real life problems from surroundings and provide novel solutions to them.
- The participant must be exclusive owner and sole author of the idea. The idea should not violate intellectual property rights of any third party.
- The idea must be presented in form of MS PowerPoint presentation (8-10 slides) and duration up to 10 minutes. Presentation must clearly state the problem identified, feasibility study, its proposed solution(s) and market analysis. Selected novel ideas will be submitted on MIC Portal.
- After Ideation, the participant will further work to develop Proof of Concept (POC) to make the idea practically and commercially viable.
- Completed POCs will also be submitted on MIC Portal. The participant with Best POC will participate in National level Competition.
- Registration link: <https://forms.gle/u4V2V2AgntPqpy0S> .Last date to register is 08th March, 2022.
- Registered candidates will be given guidance through extended lectures on Ideation & Proof of Concept.

Dr. Neetu
Convener, IIC@MCM

Dr. Indu Arora
Vice President, IIC@MCM

Dr. Nisha Bhargava
Principal & President, IIC@MCM



The screenshot shows a Google Meet interface. The main window displays a PowerPoint slide with the following content:

- MEHR CHAND MAHAJAN DAV COLLEGE FOR WOMEN CHANDIGARH
- Probiotic drink as a blessing
- best it logo
- @YsAgrima(S044) Palak (S035)

 The meeting controls at the bottom show 17 other participants. The top bar indicates '5044 AGRIMA is presenting'.

REC 5027 Charlie is presenting

BASKET FULL BENEFITS OF ORAGNIC TABLETS OVER CHLORINE TABLETS FOR PURIFICATION OF WATER

MICROBIOLOGY AND FOOD TECHNOLOGY DEPARTMENT
MCM DAV COLLEGE FOR WOMEN, CHANDIGARH
ROLL NO. Chailey 5025, and Charlie 5027

11:37 | pyx-bptm-hoj

REC 5044 AGRIMA is presenting

Mehar Chand Mahajan DAV College for Women
Sector 36-A, Chandigarh - 160036 (U.T.)

BRYOVERA

The Healthy Green Elixir
By: Shruti Pasricha
Class: Bsc. MFT2

12:27 | pyx-bptm-hoj

Meet - pyx-bptm-hoj

meet.google.com/pyx-bptm-hoj?authuser=0&pli=1


REC 5077 Rupika Arya is presenting

File | C:\Users\dell\Downloads\Presentation%2014%204.pdf

Continue browsing from where you left off. Get your favorites, passwords, history, and more from other browsers each time you browse in Microsoft Edge. [Microsoft Privacy Statement](#)

1 of 11

INNOVATIVE IDEA ON PROTEIN BAR



By: Rupika Arya and Mehak Bains
B.Sc.(microbial and food technology)2nd year

meet.google.com is sharing your screen. [View sharing](#)

13:00 | pyx-bptm-hoj

29°C Sunny 1:00 PM 3/9/2022

Participants: MCM SCIENCE_IIC, 5077 Rupika Arya, 5013 AAYUSHI, mcm iic4.0, 5100 SHRUTI PASRICHA, Indu Arora, 9 others, You

REC 4833RAMANJOT_ is presenting

Fighting Agricultural Waste & Plastic :A Novel Approach

Submitted By: Ramanjot Kaur Bhullar
BSc.Microbial & Food Technology 3rd year

4833RAMANJOT_

11:29 | pyx-bptm-hoj

Participants: MCM SCIENCE_IIC, 5002 NOVELDEEP, Ms. Sonali Mehndiratta, 5048 HARSIMRAT, mcm iic4.0, GURJEET_VIRK SIDHU, 15 others, You

Hackathon (10 March 2022)

Ministry of Education's Innovation Cell (MIC) initiated Smart India Hackathon (SIH) 2022 in which they uploaded more than 550 problem statements received from 61 organizations of various Ministries and Industries. IIC 4.0@MCM organized Internal Hackathon in this regard on 10 March 2022. Around 18 students participated in this event and submitted proposals after exploring the Problem Statements from SIH portal <https://sih.gov.in/sih2022PS>. The teams chose the following problems to provide the solution prototype for problems like Hosting a blockchain code on to a cloud network in order to create a prototype app in the Healthcare sector, Virtual Visit to Indian Pilgrimages and Portal to know about various National and International Scholarships.

This event aimed to make students understand, select and provide solutions to SIH problems and promote design thinking and critical thinking among students. First Team included Achirabha Singh, Jasnoor Kaur, Mehak Salaria, Piezal Singh, Sonali Chugh and Harshita of BCA-III, Second Team included Nikita and Ruhani of BCA-III, Angellina, Nupur, Riddhi and Sanya of BCA-1, Third Team included Priyamm Mahajan, Dakshita Dutta, Shatakshi, Manya, Khushi and Rishika of BCA-III. Student teams chose the problem statements, designed their solutions and submitted the proposals. Overall, it was a good attempt to make students aware about the Hackathons.





Third Quarter Review Meet of IIC 4.0 (28 March 2022)

Third quarter review meeting of IIC 4.0 was held on 28 March 2022 in blended mode. The agenda of the meeting was to review activities undertaken in previous quarter and plan for the next quarter. Dr Nisha Bhargava, principal and President of IIC@MCM elaborated about the funding options for start-ups initiated by college students and alumni through College Innovation and Start-ups Policy (CISP) and apprised all about such start-ups which have been funded by the college. She also suggested to make optimum use of Incubation Centers for fostering the culture of Innovation and Research.



Quarter 3 Action Plan				
Activity	Program Type	Title	Teachers on Duty	Tentative Dates
IIC	IPR	Workshop on IPR and IP-management for Startups	Ms Disha Sharma , Ms Sidaq & Dr Nidhi Tanwar	April-May, 2022
IIC	Pre incubation, Incubation and startups	Session on how to plan for startups and Legal & ethical Steps	Dr. Anshdeep & Dr. Nidhi Tanwar	April-May, 2022
IIC	Entrepreneurs hip	Demo Day/ Poster Presentation on Business Model Canvas	Dr Manika Kohli , Ms Manmeet & Ms Sonali	April-May, 2022
Celebration	Innovation	Celebrating April 22 - World Earth Day	Dr Shafila & Env Club	22nd April, 2022
Celebration	IPR	World Intellectual Property Day on 26th April	Ms Sidaq, Dr Nidhi Tanwar and Dr Manpreet	26th April, 2022
Celebration	Innovation	11th May National Technology Day	Ms Punam and Comp Deptt	11th May, 2022

Online Workshop on Business Model Canvas (07 April 2022)

Institution's Innovation Council 4.0 organized an Online Workshop on Business Model Canvas with an aim to propagate the culture of innovation and start-ups among the students. The speaker of the event was Dr Manika Kohli Innovation Ambassador, Assistant Professor, Mehr Chand Mahajan DAV College for Women. Dr. Manika explained how the concept of Business Model Canvas is an essential step for entrepreneurship and start-up. She elucidated the purpose and need of feasibility study of a business plan and how to write a business plan. She explained the importance and technique of value proposition of Business Plan. She also shared how a business plan is prepared and pitched to the investors. Business Model Canvas, as described by Osterwalder and Pigneur (2010) in their famous book Business model generation: A handbook for visionaries, game changers, and challengers, was the highlight of the session. Hands on training to prepare the canvas was imparted to the students through various examples during the workshop. The students were actively engaged in the session and responded well during the discussion. In total, 13 faculty members and 56 students attended the session.



REC Ms. Manika Kohli is presenting



Workshop on Business Model Canvas


BUSINESS PLANS

Dr. Manika Kohli,
Innovation Ambassador, IIC
Assistant Professor
Mehr Chand Mahajan DAV College for Women
manikakohli@mcmdavcwchd.in

11:19 | ytz-byxq-utz

Ms. Manika Kohli, Ms. Sonali Mehndiratta, Punam Dawgotra, 10087KOMALDEEP, 10116PRIYA, 10340KHUSHI, 85 others, You

REC Ms. Manika Kohli is presenting



Writing a Business Plan

Title Page

- Executive Summary**
 - Brief summary of the elements of the business
- Company Description**
 - Introduce the reader to your company, the product's or services offered by the company, and the business concept
 - Implementation of the time-line
 - Your Unique Selling Proposition
- Industry Analysis**
 - Broad overview of the industry and the position of your business in the industry
 - Market and Competition- the market share of your company
 - Competitive Advantage

11:29 | ytz-byxq-utz

Ms. Manika Kohli, 9637 SIMRAN, MCM SCIENCE_IC, 10036JESSICA, 10116PRIYA, Punam Dawgotra, 73 others, You

Activate Windows
Go to Settings to activate Windows.

**Online Demo Day/Poster Presentation Competition
on “Business Model Canvas”
(12 April 2022)**

In an initiative to develop entrepreneurial skills of the students, Institution’s Innovation Council (IIC 4.0) organized Online Demo Day/Poster Presentation Competition on “Business Model Canvas” on 12 April 2022. Dr. Manika Kohli, Assistant Professor, Mehr Chand Mahajan DAV College for Women conducted the activity. Around 21 students actively participated in the competition.

The participants presented innovative entrepreneurial ideas using the nine components (customer segments, value propositions, channels, customer relationships, revenue streams, key resources, key activities, key partnerships, and cost structure) of Business Model Canvas. The participants prepared business model canvas on innovative ideas of start-ups/ventures. The students found the activity very interesting and useful. Entries based on innovation, uniqueness, and creativity were preferred and cash prize was awarded to the top three participants. First prize went to Inderjot kaur of B.Com., Second prize went to Simranjeet kaur of B.Com., Third prize went to Prerna Pulani of B.Com. and Consolation prize was awarded to Ritika of BCA II year.

The zeal, enthusiasm, and participation of the students made the activity a huge success. The Principal of the college, Dr. Nisha Bhargava, appreciated the efforts of Institution’s Innovation Council and said that the college will continue to inculcate innovation and entrepreneurship culture in the students through such initiatives.



Online Workshop on Floral Waste Recycling Innovatively (22 April 2022)

Department of Environment Science under the aegis of Institution's Innovation Council (IIC) 4.0 organized an Online Workshop on “Floral Waste Recycling Innovatively” on 22 April 2022 to celebrate Earth Day on April 22. This day is celebrated every year to promote environmental protection since 1970. The official theme of the day this year is “Invest in Our Planet”. For conserving nature, we need to act boldly, innovate broadly, and implement equitably. Relevant to the theme, college organized an Online Workshop on Flower Waste Recycling into beautiful agarbattis, dhoop, swastik, and many more. The Resource Person, Ms. Poonam Sehrawat, is a renowned environmentalist, social worker, influencer, and motivational speaker who also runs Aaruhi Enterprises, wherein she established a self-sustainable business model of making dhoopbatti, diyas & other items from the flower waste of temples. She is on a mission to save the environment and uplift underprivileged women’s living standards. She has already trained more than 500 women. In the workshop, she demonstrated step wise procedures of making agarbattis, dhoop, swastik, Ganesh ji from floral waste generated from various places. She also shared the list of ingredients of premixes which are to be added in the flower waste to acquire the required product. She shared her expertise in recycling flowers waste by an innovative way. The main objective of this workshop was to sensitize students about the harmful impacts of even biodegradable flowers on water bodies and to promote recycling for the conservation of nature and natural resources. Although flowers are biodegradable, and we generally, do not consider them harmful for environment. But, every day, around half a million people go to temples and offer flowers and according to latest reports, more than eight million tonnes of flowers are dumped in the river Ganga every year, along with toxic pesticides and insecticides used to grow them. So, it is requisite to clear the flower waste and its disposal in water must be stopped in order to protect the environment. Basically, waste to wealth management was promoted through this workshop. Over 74 participants 67 students and 7 Teachers were benefitted from the same.

MEHR CHAND MAHAJAN DAV COLLEGE FOR WOMEN, CHANDIGARH

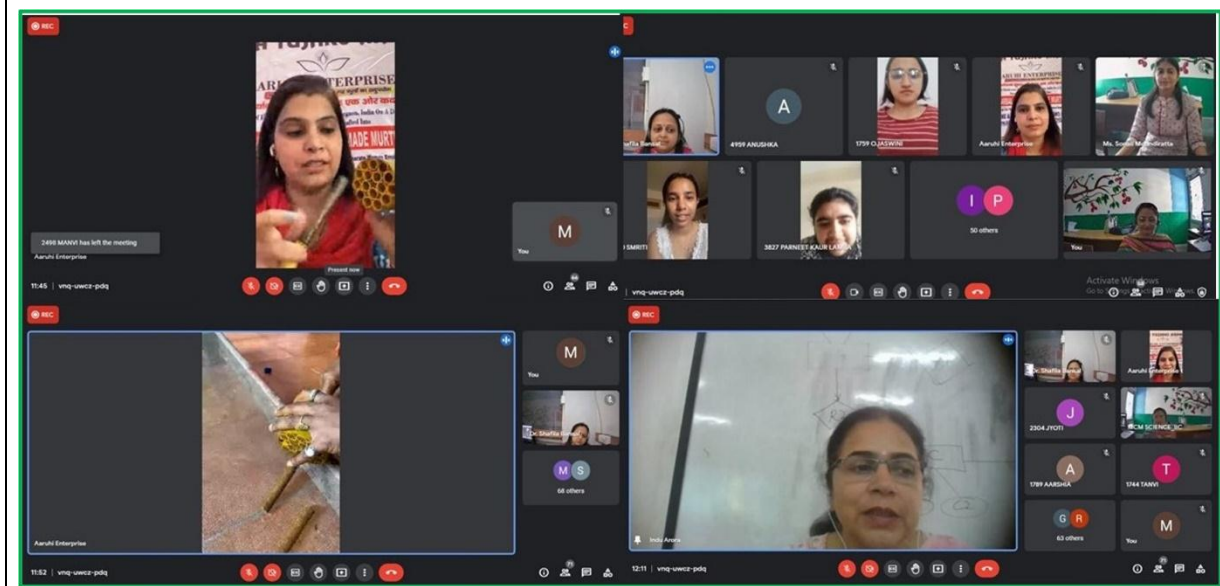
WORLD EARTH DAY CELEBRATIONS



Dr. Nisha Bhargava
Principal



**Online Workshop on Floral Waste
Recycling Innovatively**





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

Department of Environment Science
under the aegis of

Institution's Innovation Council 4.0
is organizing an online workshop on

Recycling Floral Waste Innovatively

to mark the celebration of
World Earth Day

Date: 22 April, 2022 | Time: 11:15 am



Resource Person:
Ms. Poonam Sehrawat
AARUHI ENTERPRISES
Gurgaon (Haryana)

Click below to join us on
scheduled Date & Time:



Dr. Nisha Bhargava, Principal & President, IIC4.0@MCM

Dr. Indu Arora, Vice President, IIC4.0@MCM

Dr. Neetu, Convener, IIC4.0@MCM

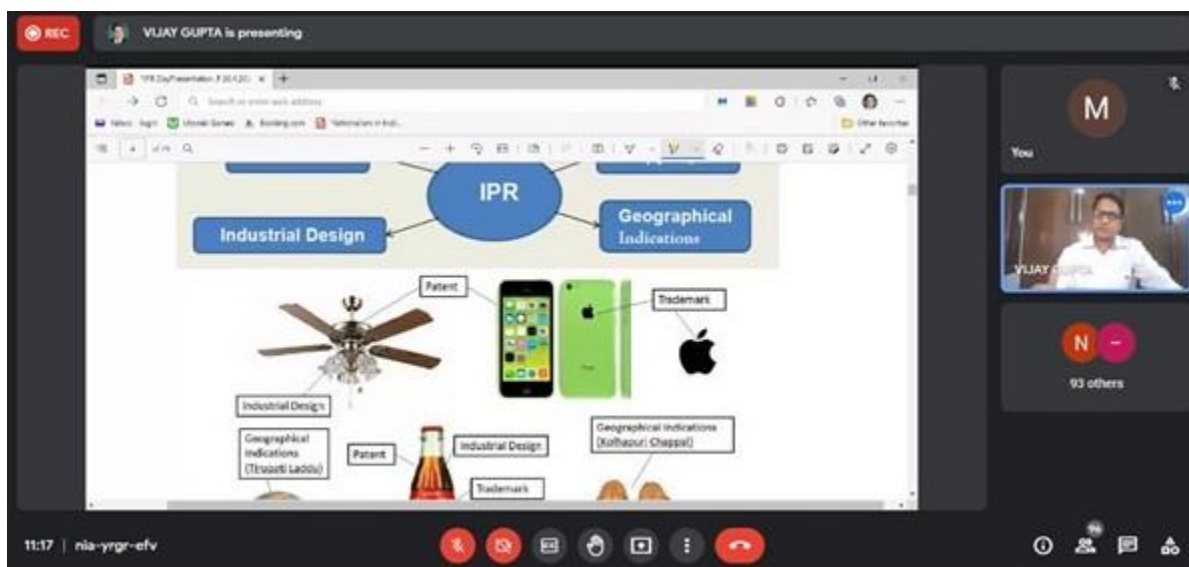
Dr. Shafila, Coordinator

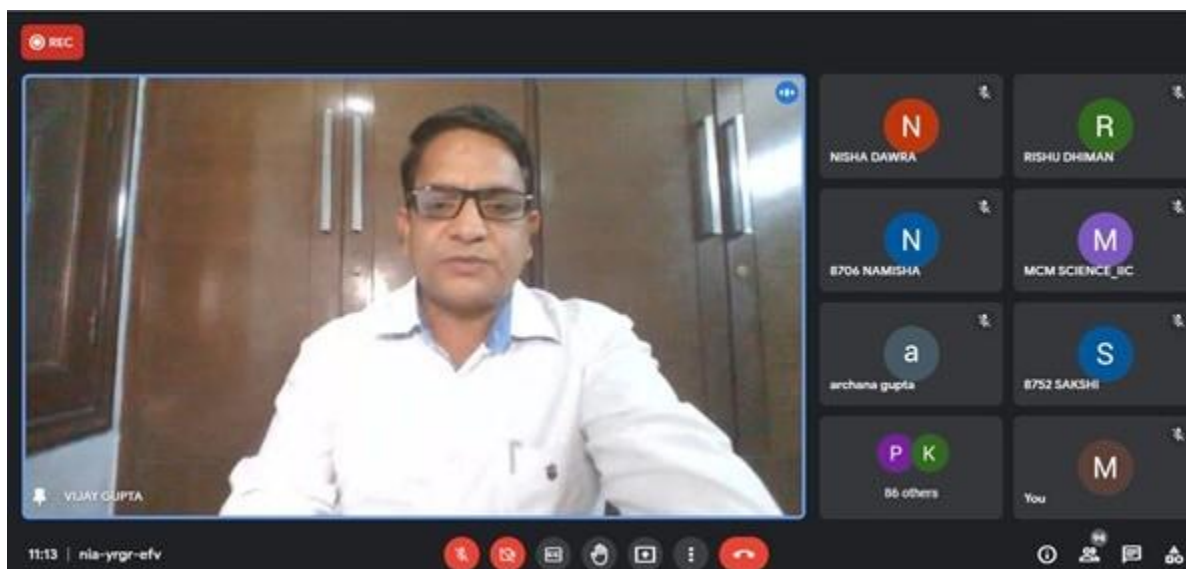
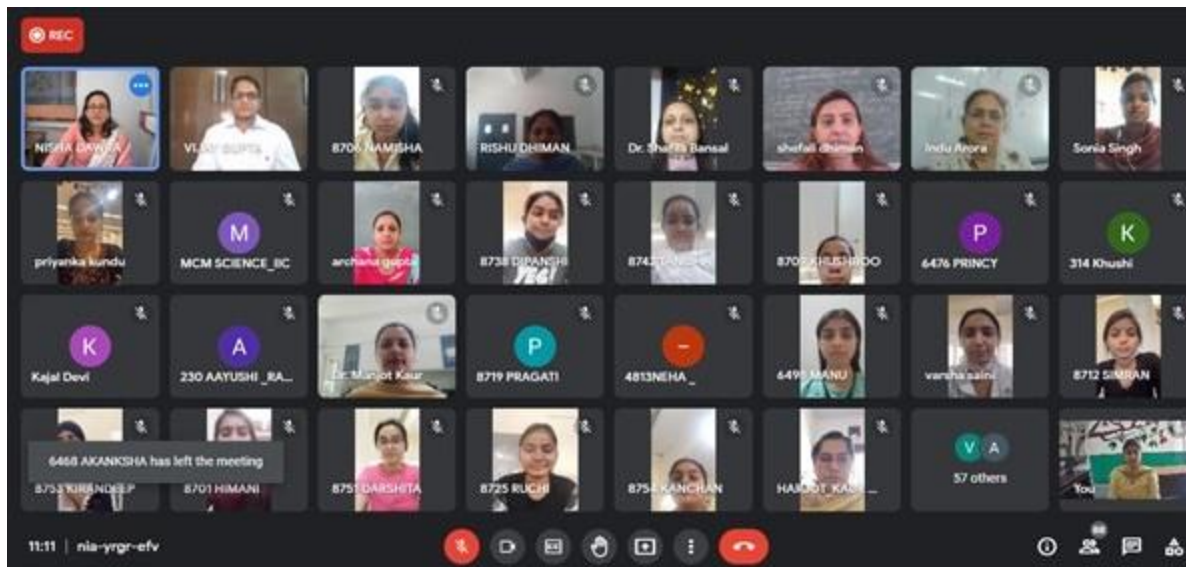
Ms. Sandeep Kaur, Coordinator

Ms. Sonali Mehndiratta, Coordinator

Celebrations of World Intellectual Property Day (26 April 2022)

An awareness session to mark the celebration of World Intellectual Property Day was conducted by PG Department of Chemistry under aegis of Institution's Innovation Council 4.0 (IIC 4.0) on 26 April 2022 via Google Meet. The resource person Mr Vijay Gupta, Advocate, Lexntech IP Law Office, New Delhi acquainted the participants with various challenges associated with intellectual property rights and information regarding patents especially the chemical patents. He emphasized on topics like copyright, artistic design in literature, trade secret, validity for IPR protection and need for patent protection. A total number of 80 students and 13 faculties actively participated in the event. The session was very informative, interactive and intuitive. Dr. Shefali Dhiman, Dr. Rishu, Dr. Nisha Dawra, Ms. Sonali Mehndiratta were the Coordinators of the event.







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

Department of Chemistry
under the aegis of
Institution's Innovation Council 4.0
is organizing a Webinar on

to mark the celebrations of
World Intellectual Property Day



Resource Person:
Mr. Vijay Gupta
Advocate
Lexntech IP Law Office
New Delhi

Date: 26 April, 2022

Time: 11:00 am

Click the following link to join us on
scheduled Date & Time:

[→ CLICK HERE](#)

Dr. Nisha Bhargava, Principal & President, IIC4.0@MCM

Dr. Indu Arora, Vice President, IIC4.0@MCM

Dr. Neetu, Convener, IIC4.0@MCM

Dr. Shefali Dhiman, Head, Deptt. of Chemistry

Dr. Rishu, Dr. Nisha Dawra, Ms. Sonali Mehndiratta, Coordinators, IIC4.0@MCM

Expert Talk on How to plan for Startups & Legal and Ethical Steps (29 April 2022)

An offline expert talk was organized by IIC 4.0 on the topic ‘How to plan for Startups & Legal and Ethical Steps’ on 29th April 2022. The resource person for the event was Ms. Kajal Dubey, Founder and CEO of Our Virtual Solutions, Women Entrepreneur Mindset Coach and Business Consultant. Ms. Kajal has worked with seven startups across five countries and held core positions. She is on a mission to transform thousands of women’s life by building a flexible work environment around needed skills globally which create balance in the personal and professional world. Ms Kajal explained the importance of building a dream team and creating frictionless sales. She also explained various legal and ethical steps followed by entrepreneurs while doing business. The session was an endeavor to acquaint the participants with planning for start-ups and various funding options. The students found the session very interesting and informative. A total of 110 students and 7 faculty members attended the event in the conference hall at 11:00 am.


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

Institution's Innovation Council 4.0
 is organizing an Expert Lecture on
How to plan for Startups & Legal and Ethical Steps



Resource Person
Ms. Kajal Dubey
 Entrepreneur Mindset Coach

Date: 29 April, 2022
 Time: 11:00 a.m.
 Venue : Conference Hall

Dr. Nisha Bhargava, Principal & President-IIC4.0@MCM
 Dr. Indu Arora, Vice President-IIC4.0@MCM
 Dr. Kiran Jindal, Coordinator-Startup Cell
 Dr. Arshdeep Kaur, Dr. Nidhi Tanwar, Dr. Japneet Kaur, Coordinators-IIC4.0@MCM





How to plan for startups & Legal and Ethical steps →

ROI of investing your one hour today

Key takeaways:

- You will understand how to plan your startup.
- You will understand more through a real example.
- Legal Steps
- Ethical steps
- Q & A

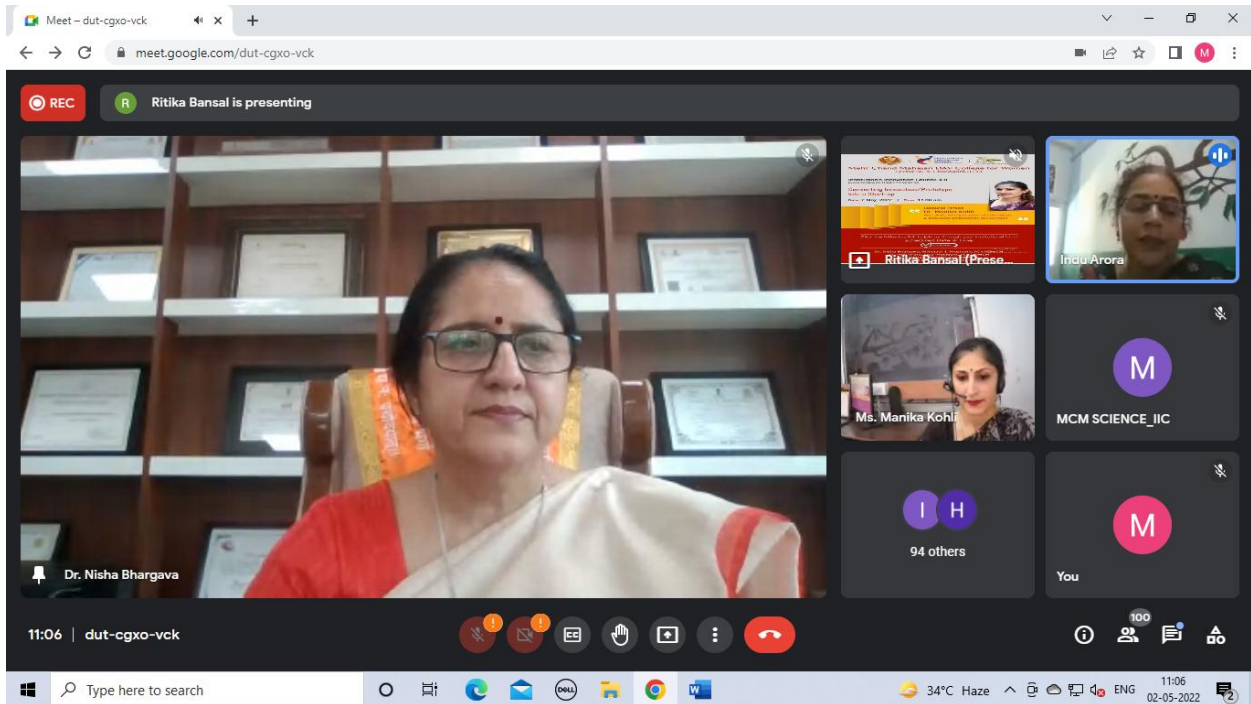
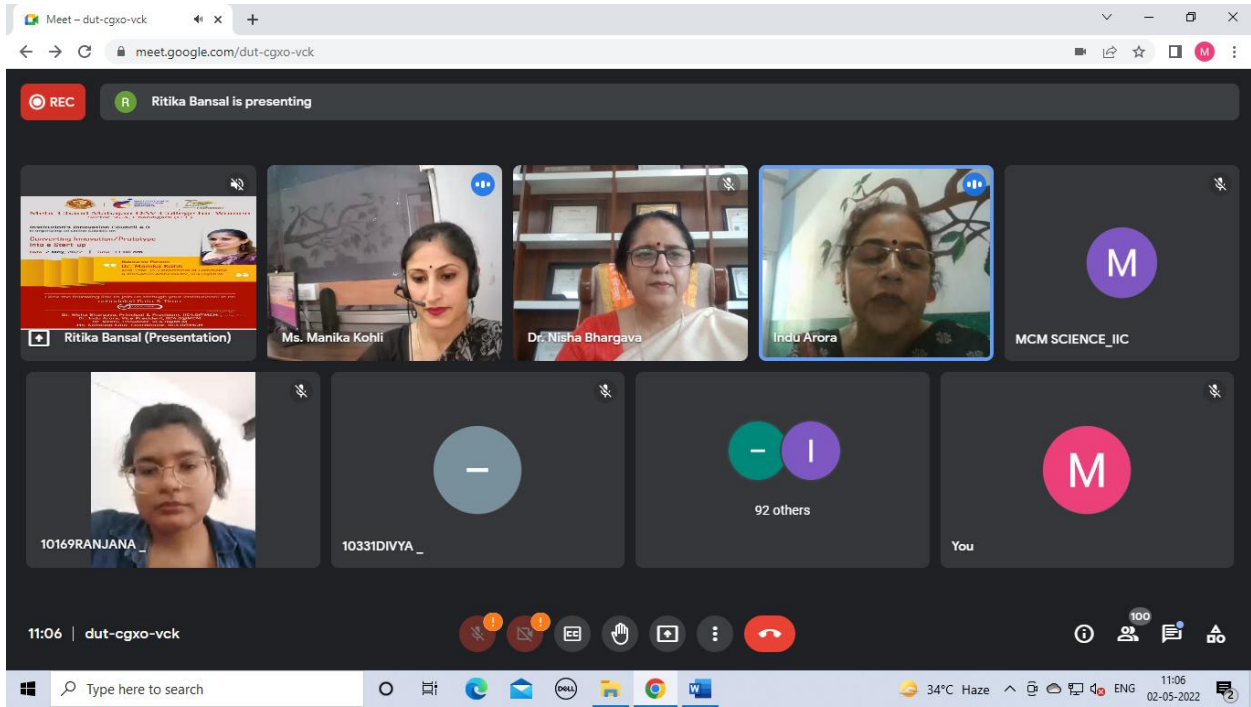
The graphic design features a yellow and black color scheme. The top section has a yellow background with the title "How to plan for startups & Legal and Ethical steps" in black text, followed by a right-pointing arrow. The bottom section has a black background with the text "ROI of investing your one hour today" in white. To the right, there is a yellow box containing the heading "Key takeaways:" and a list of five bullet points. The background of the graphic includes images of a smartphone, a laptop, and a person working at a desk.

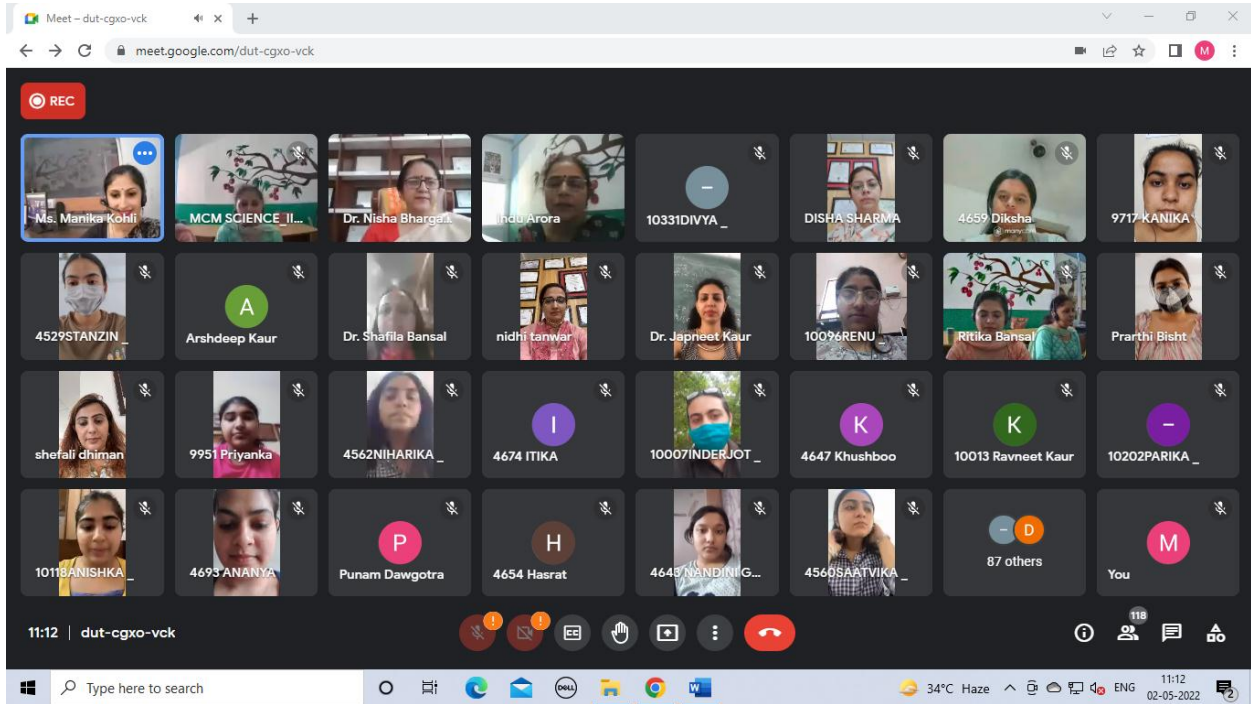
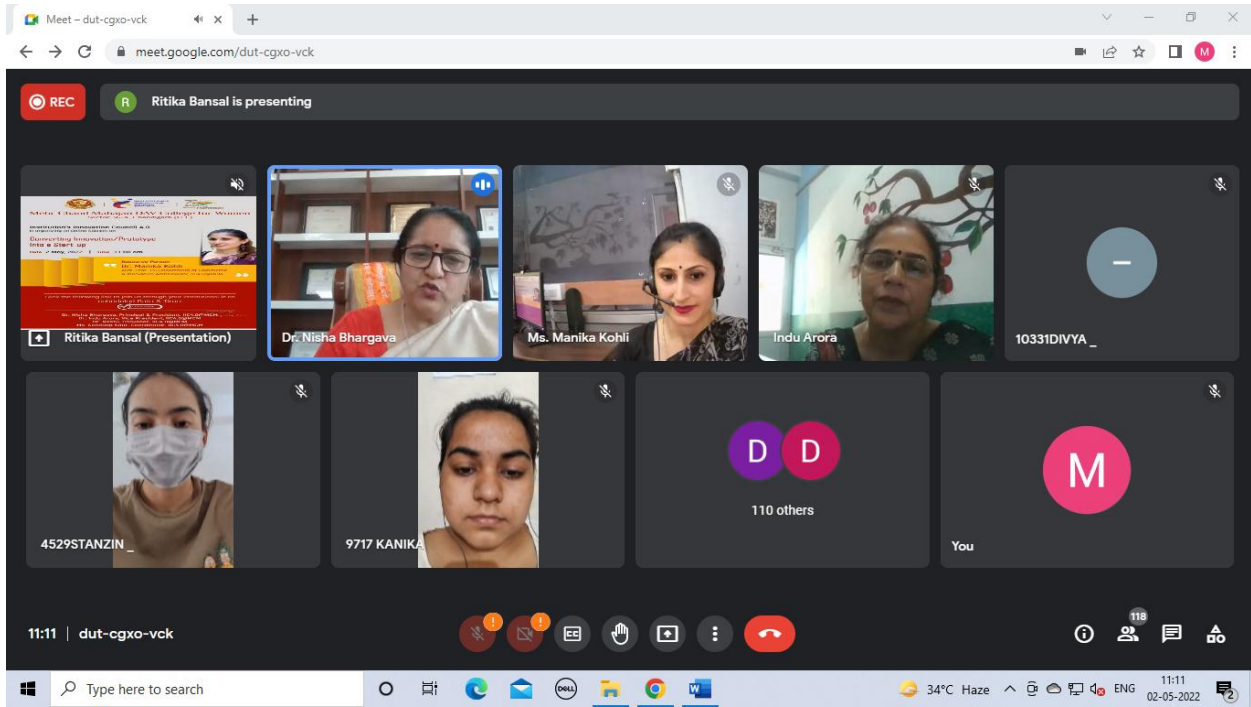
Online Session on 'Converting Innovation/Prototype into a Start-up' 2 May 2022.

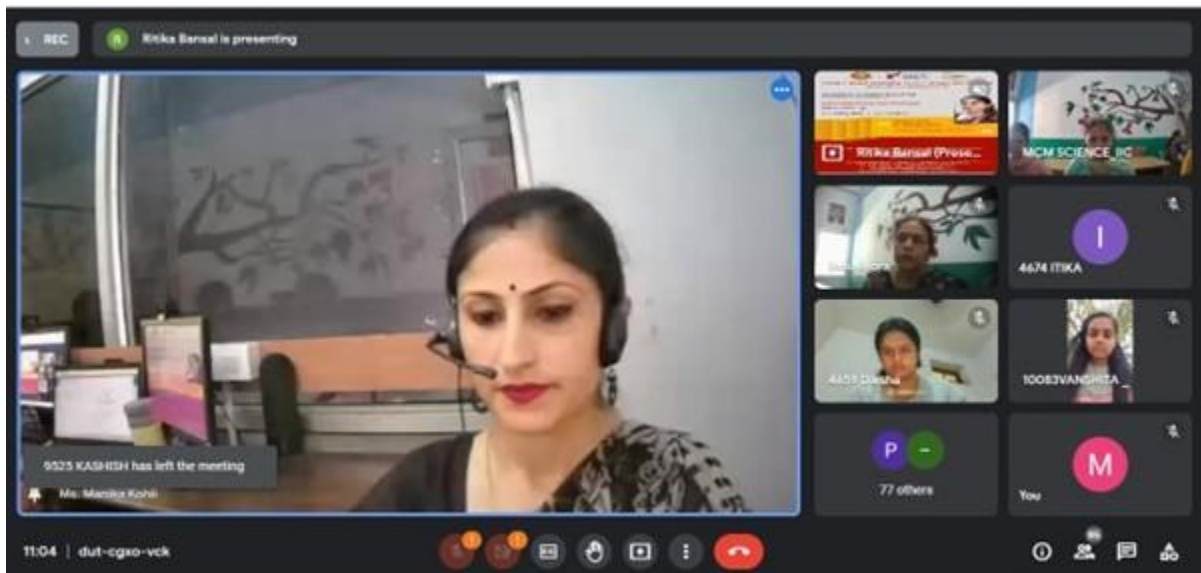
A very useful and insightful session on the topic 'Converting Innovation/Prototype into a Start-up' was conducted by Institution's Innovation Council (IIC 4.0). The Keynote address of the session was given by worthy Principal of the college, Dr. Nisha Bhargava, in which she very nicely introduced the topic. Dr. Bhargava said that the relevance of building a prototype for starting a small business/start-up cannot be ignored in the present scenario where the number of job-seekers considerably outnumber available job opportunities. She stressed on the practical relevance of building and validating a prototype to pitch a business proposal to prospective investors. She said that the college, through the innovation council, will continue organizing such useful sessions to encourage the culture of innovation among the students.

Dr. Manika Kohli, Assistant Professor, PG Department of Commerce & Innovation Ambassador (IIC), Mehr Chand Mahajan DAV College for Women, Chandigarh was the resource person of the event. The speaker gave thorough insights on the meaning of prototype using various real-life examples. Further, students were apprised as to how prototype or working model can be converted into a start-up through examples of well-known companies like Groupon, Airbnb, Uber, Dropbox, etc. Tips to convert their idea into a prototype were also shared by the speaker during the session. Enthusiastic participation of 98 students and 07 faculty members made the event a huge success.

The session acquainted the students with the relevance and the art of building a prototype and further converting it into a start-up. The students were equipped with the know-how to materialize their ideas by developing prototypes which will help them pitch their proposals at various platforms. The students actively participated in the session and found the session very interesting, useful, and informative.







**Competition on “Case study analysis on IPR (Intellectual Property Rights) disputes between Indian companies”
(5 May 2022)**

Institutions Innovation Council 4.0 of Mehr Chand Mahajan DAV College for Women, Sector 36-A, Chandigarh organized a competition on “Case Study Analysis on Intellectual Property Rights disputes between Indian Companies”. With the increasing focus on innovation, research and cross-border collaborations, need to learn about intellectual property rights (IPRs) to safeguard their inventions has increased among the students. The intent of conducting this competition was to get the attention of students towards understanding the systems for intellectual property rights and copyrights based on individual cases such as how they are used/applied or incidents of infringement.

Ms. Sidaq, Dr. Nidhi Tanwar, Dr. Manpreet Kaur were the Coordinators of the event. The competition was open for all the students of college with a word limit between 400 to 500 words. Students were asked to follow the fixed format-About the companies, Facts of the case, Case ruling, Future prospects etc. and submit their entries latest by 5th May 2022. Around 52 students enthusiastically participated in this competition to showcase their thinking and creative skills. First cash prize of Rs 1500/- to Tanisha of B.Com-II, second cash prize of Rs 1000/- to Jasmine of B. Com-II and third Cash prize of Rs 500/- to Ramanjot Kaur of B.Sc-III were awarded.





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

Institution's Innovation Council 4.0
is organizing a Competition on

Case Study Analysis on
IPR (Intellectual Property Rights) disputes between Indian Companies



- The competition is open to all the students of the college.
- Word limit of case study should be between 400 to 500 words.
- Submitted entries should be the original work.
- Plagiarism is strictly prohibited.
- Participants are required to mention their name, class, roll number and phone number on the case study.
- Format of case study: About the companies, Facts of the case, Case ruling, Future prospects etc.
- Interested participants can submit the hard copy of case study in the staff room between 11:45 pm to 12:30 pm on or before 5 May 2022 to Dr. Manpreet Kaur.

Cash prizes will be given to first 3 Positions
(First Prize-Rs. 1500/-
Second Prize-Rs. 1000/-
&
Third Prize-Rs.500/-).

Dr. Nisha Bhargava
Principal & President, IIC4.0@MCM

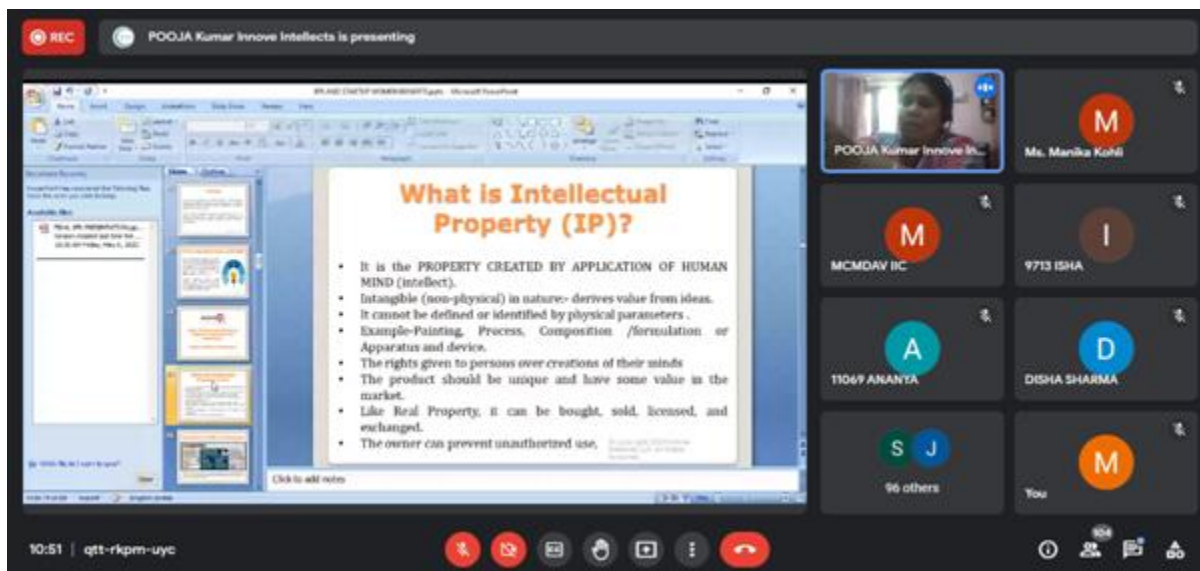
Dr. Indu Arora
Vice President, IIC4.0@MCM

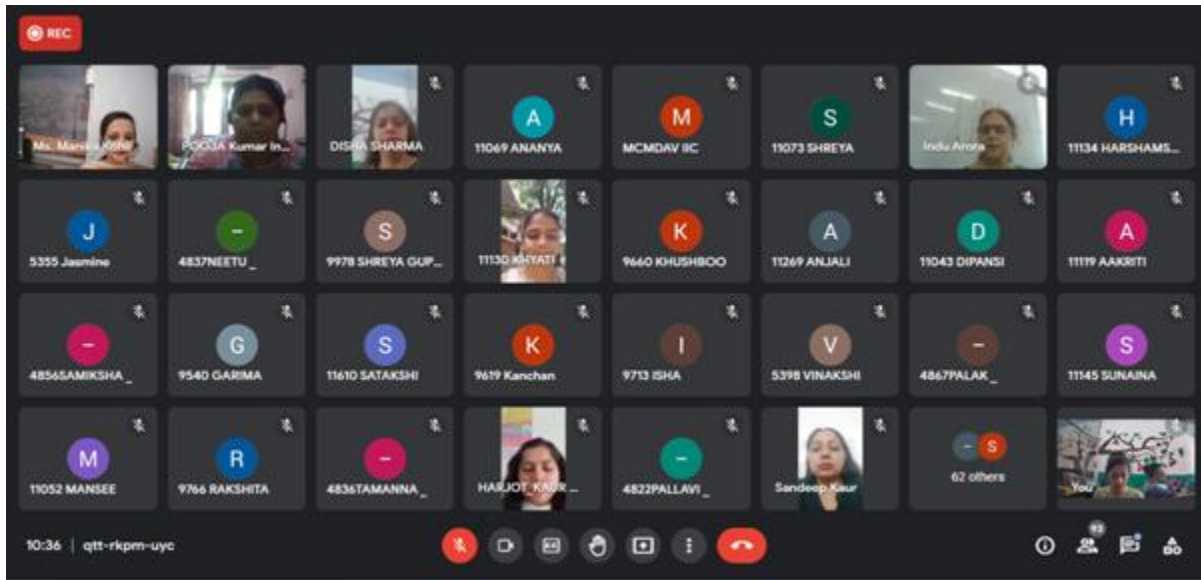
Ms. Sidaq
Dr. Nidhi Tanwar
Dr. Manpreet Kaur
Coordinators, IIC4.0@MCM



Workshop on “Intellectual Property Rights and IP Management for Start-ups (6 May 2022)

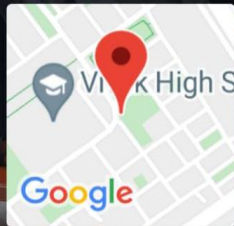
Institution’s Innovation Council (IIC 4.0) organized a Workshop on "Intellectual Property Rights and IP Management for Start-ups" on 6 May 2022. The resource person for the session was Ms. Pooja Kumar (Founder and Director, Innove Intellect LLP), Registered Patent Agent (Govt.of India), Start-up Facilitator and Mentor. Ms. Disha Sharma, Ms. Sidaq, Dr. Nidhi Tanwar, Ms. Sandeep were the coordinators of the event. Ms. Pooja started the session by introducing the concept of start-ups to the students with special reference to women entrepreneurship. She then very skillfully explained the concept of IPRs with examples from day-to-day life and highlighted the importance of protecting one’s creation and innovation. Ms.Pooja then moved on to discussing the various types of Intellectual Property Rights with special reference to patents, copyrights and trademarks. She also talked about the government initiatives to support and boost startups and the benefits that can be derived from a start up with registered IPRs. The session was relevant for both students and faculty members. The session was attended by 96 students and 8 faculty members.





**Declamation Contest on “Technology for Inclusive & Sustainable Growth”
for celebrating NATIONAL TECHNOLOGY DAY
(11 May 2022)**

The Department of Computer Science & Applications of Mehr Chand Mahajan DAV College for Women-36 A, Chandigarh organized an offline Declamation Contest on the theme “Technology for Inclusive & Sustainable Growth” under the aegis of Institution’s Innovation Council 4.0 to mark the celebration of NATIONAL TECHNOLOGY DAY on 11th May, 2022. India successfully entered into the elite group of countries with nuclear weapons on this day and thereby is celebrated every year to mark the successful nuclear tests conducted at Pokhran in May 1998 and to commemorate the achievements of scientists, researchers, engineers and all others associated with the field of science and technology. Around 19 participants registered for the declamation contest. While 67 students and 7 faculty members attended the contest. Students made this contest a success and contributed by sharing their views on the theme, stressing on the imperative role of technology in the promotion of growth that is both inclusive and sustainable. Dr Mandeep Chawla, Ms Deeksha Gupta and Ms Navdeep Kaur were the jury members to adjudge the contest. The jury declared contest results as - Ridhi Sharma from BCA-1 as first position, Nupur from BCA-1 as second position and Akshita Goyat from BCA-III as third position winners respectively. Worthy Principal & President of IIC@MCM Dr. Nisha Bhargava gave away the books and cash prizes to winners. She emphasized that such events build confidence and team spirit and leadership qualities in students. Dr Nisha Bhargava also lauded the efforts of organizing team- Dr Indu Arora HOD & Vice-President of IIC@MCM, Ms Vandana Syal, Dr Ritika Bansal and Ms Manmeet Kaur of Department of Computer Science and Applications.



Chandigarh, Chandigarh, India

Mehr Chand Mahajan DAV College for Women sector 36-A Chandigarh

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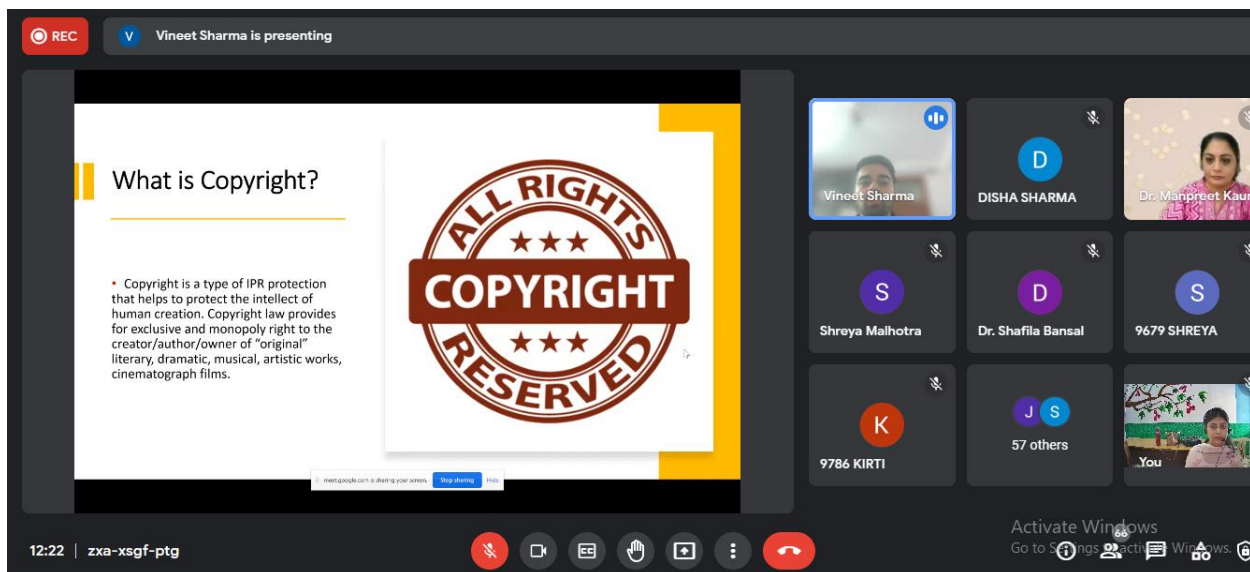
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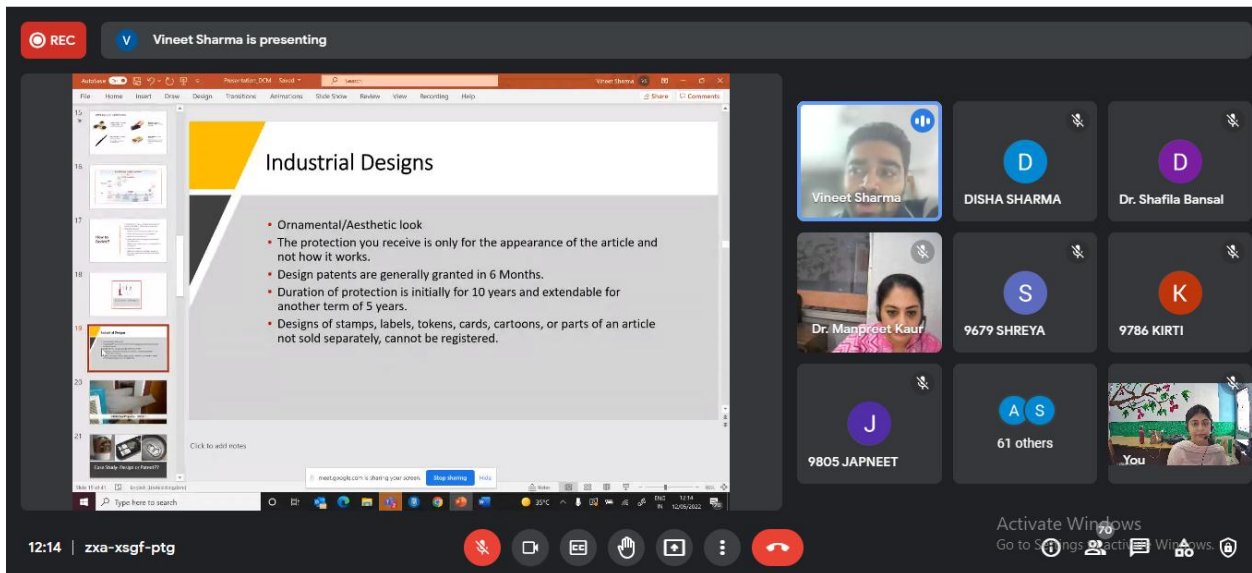
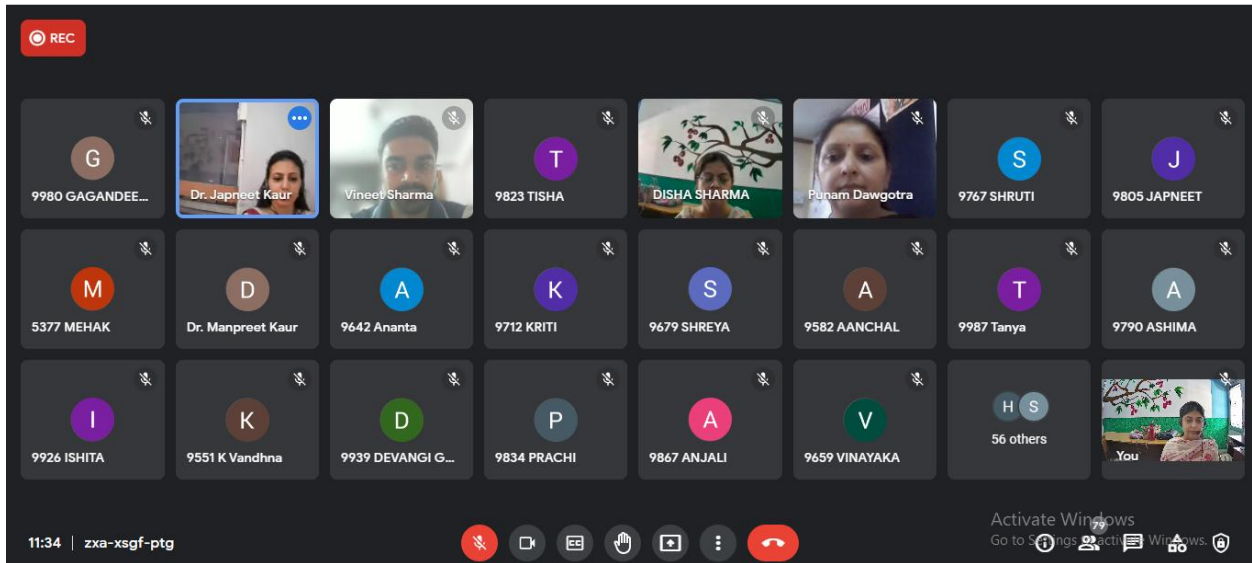
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Webinar on "Identifying Intellectual Property at the Early Stage of Innovation" (12 May 2022)

Institution's Innovation Council (IIC 4.0) organized a webinar on "Identifying Intellectual Property at the Early Stage of Innovation" on 12 May 2022. The resource person for the session was Mr. Vineet Sharma, Senior Vice President, TT Consultants Pvt. Ltd who has an experience of 14 years in Intellectual Property Management and preparing IP strategies. Ms. Disha Sharma, Dr. Japneet, Dr. Manpreet Kaur, Ms. Sonali Mehndiratta were the Co-ordinators. The session started with some interesting case studies of products to explain the concept of innovation to the participants. Mr. Vineet then moved on to elaborating on the relevance and importance of intellectual property rights to safeguard innovative products and ideas. He gave details about the different types of IPRs, the procedure of getting them registered and the term of validity of IPRs. With the help of case studies, he discussed a few products which have lost huge amount of revenue due to non-registration of the intellectual property at the early stage of innovation.

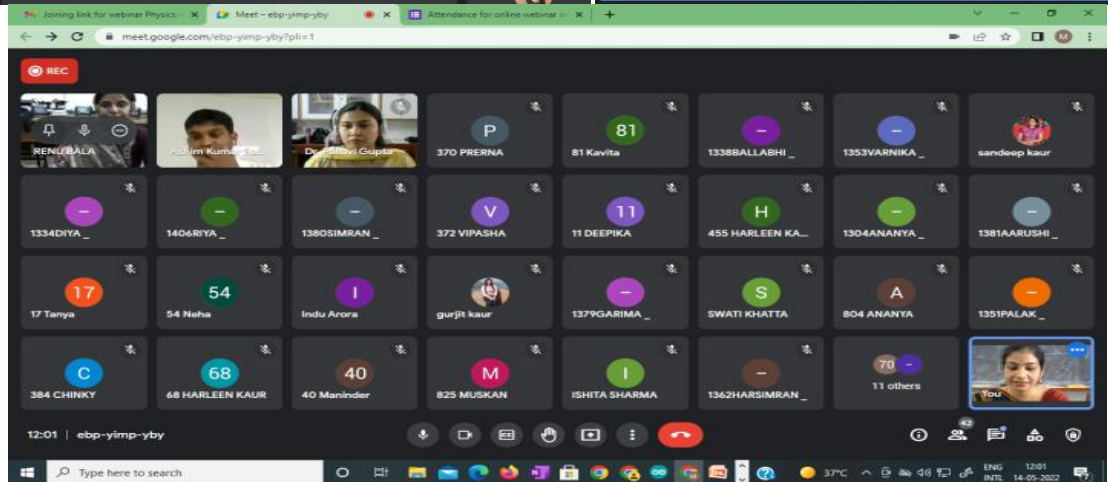
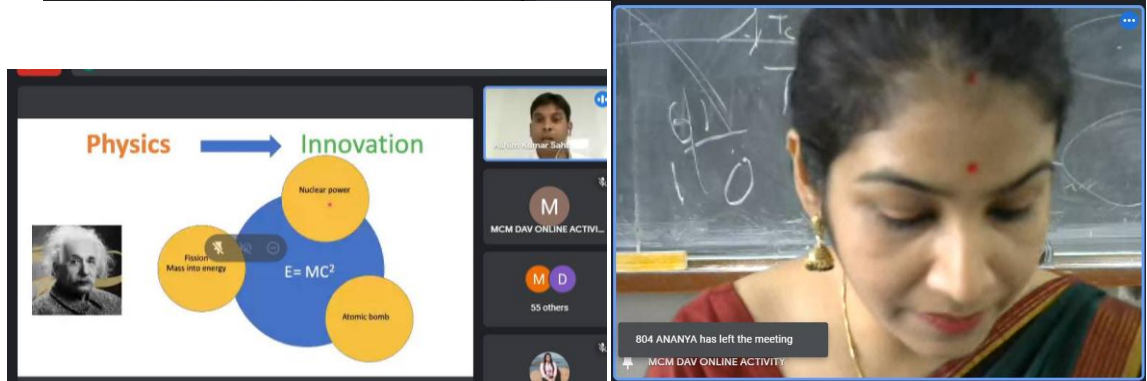
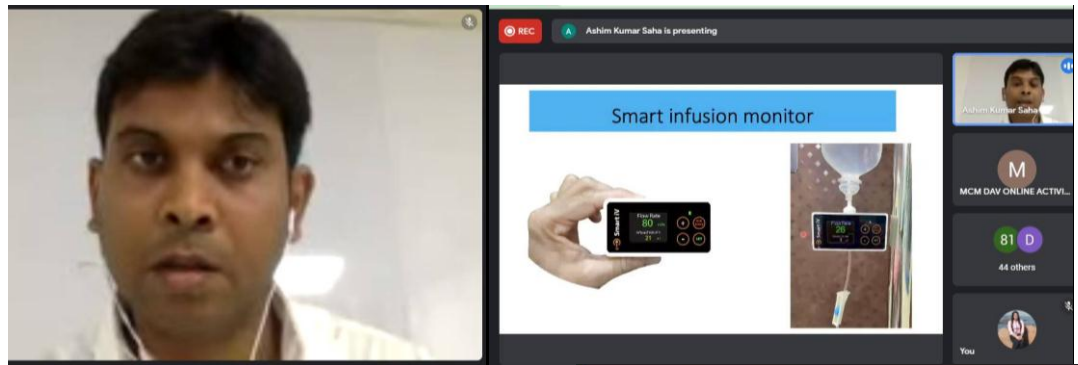
He concluded the session by explaining all the elements of IPRs in a single product taking the example of products like a camera and a shoe. The session was an interactive one and the queries of the participants were answered by the resource person in the best possible manner. Total 70 Students and 6 Faculty members attended the session.

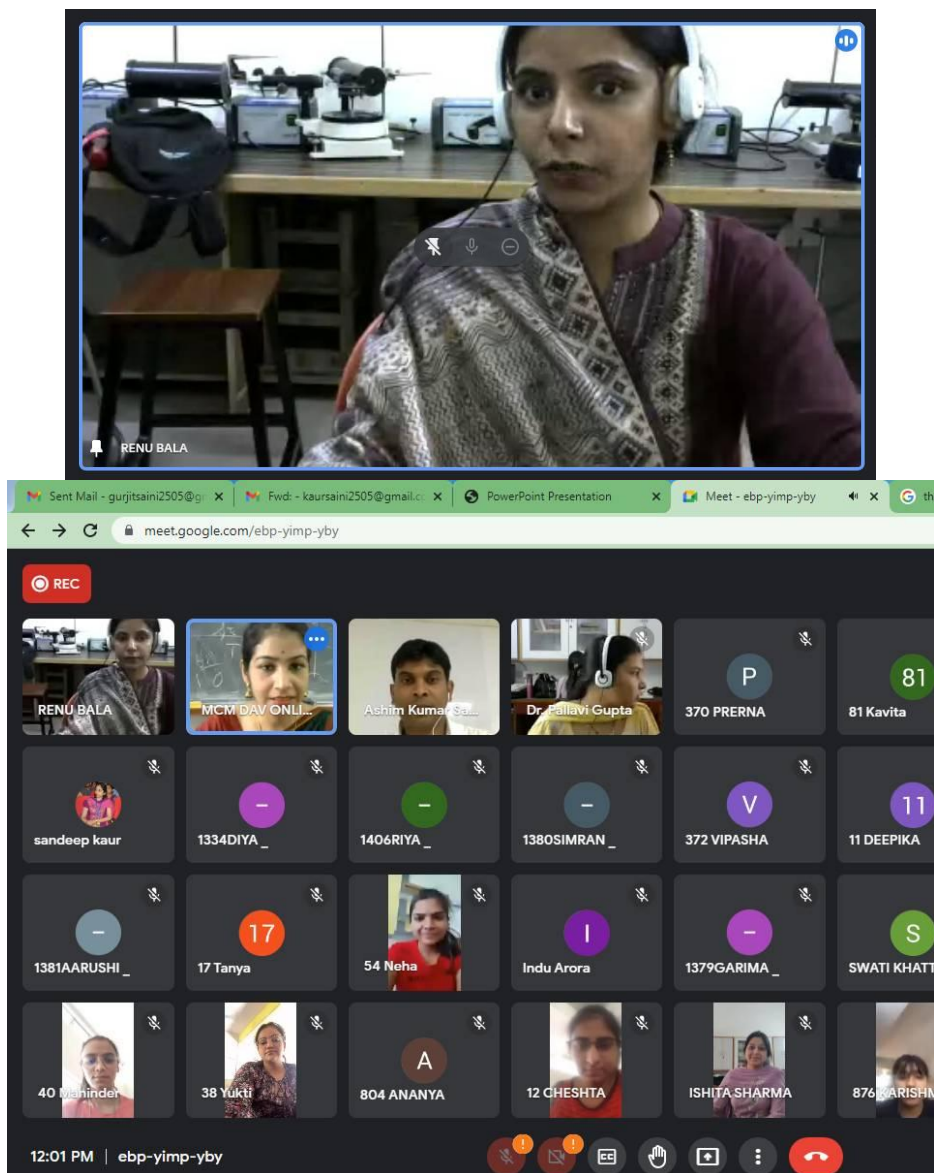




Webinar on “Physics: Innovation-Startup-Entrepreneurship” (14 May 2022)

Department of Physics under the aegis of IIC organized a webinar “Physics: Innovation-Startup-Entrepreneurship” on 14 May 2022. The main objective of the event was to develop innovative ideas and entrepreneurial skills among the participants and motivate them to make use of startup ecosystem established in the country. The Resource Person of the session Dr. Ashim Kumar Saha, Co-founder & Chief Operating Officer of Navariti Innovation and Director & Co-founder of Tervis Medical Systems Pvt. Ltd. Hyderabad, Telangana elaborated on the role of Physical Science in evolution of modern technology. Participants learnt about the structure and dynamics of physics entrepreneurship and understanding of some of the factors that lead to the success or failure of new startups, including funding, technology transfer, business models etc. The speaker also motivated the students for exploring innovative ideas and concepts to grow a startup based on Physical Science. Moreover, the students were introduced with the key skills required for a successful entrepreneur. The interactive sessions between the speaker and the students made the webinar more motivating one. Total 76 participants including 67 students and 9 teachers participated in the webinar.





Fourth Quarter Meet (18 May 2022)

Fourth quarter review meeting of IIC 4.0 was held on 18 May 2022 in off line Mode.



Eureka - 2022 (21 May 2022)

Physics Department of Mehr Chand Mahajan DAV College for Women under the aegis of Institution's Innovation Council organized Annual Fest "Eureka-2022" on 21 May 2022. The main objective of Eureka Fest was to provide a great platform for the students to show their scientific knowledge, innovative ideas and creativity in the field of Science and Research and provide an opportunity to young students for putting their scientific knowledge and skills to the test and teach them the relevance of their learning, as well as the importance of teamwork, success and failure.

This fest provided a platform for students to showcase their unique talents which is important in the holistic development of their personality, providing a break from the monotonous routine of evaluation and academics. Students of different streams were teamed up and asked to manage a large event for encouraging the team spirit and leadership qualities among them which would eventually boost their confidence. Apart from these qualities, participants were given different tasks to perform such as to make innovative working models, scientific rangoli, posters, quiz, essay writing on emerging topics in the field of technology.

Furthermore, Dr. Manas Kulkarni, Research Scientist at International Centre for Theoretical Sciences (ICTS), Bangluru delivered an educational lecture on "Engineering Exotic States of Light and Matter". Dr. Daljeet Kaur, faculty at DAV University, Jalandhar talked about "Basics of Quantum Physics and Quantum Computers". These knowledgeable sessions motivated our undergraduate students regarding quantum theory and its applications in quantum computers, quantum communication etc. these talks helped them to gain effective knowledge regarding the upcoming research field and to pursue their career in other reputed institutions.

Around 153 students and 8 Faculty members participated in the event. Overall, this event helped in instilling scientific attitude in our young generation to make them realize the interdependence of science, technology and society but also give them an opportunity to apply the scientific method to conduct independent research.

Dr. Nisha Bhargava, Principal and President, IIC@MCM graced the event with her presence by inaugurating the event. She also appreciated the interactive educational event for its impact on overall growth of students and focus on scientific research. Moreover, the winners were awarded cash prizes and certificates. Finally, the event ended up with the cultural activities. Winners of various events are as follows:-

1. Aditi, Samridhi and Jashanpreet Kaur of B.Sc.-I NM got First, second and third prize respectively in Poster making.
2. Avneet, Ashneet and Harshdeep of B.Sc.-I CA got First, second and third prize respectively in Essay writing.
3. In Physics Quiz, students of B.Sc.-II NM participated. First prize went to team consisting of Shruti, Harsha Saini, Preeti and Farhat Khan. Second prize went to team consisting of Tamanna, Jahnvi and Kamanshi. Third prize went to team consisting of Simran Kaur, Pooja, Rizul Singla, Aditi Aggarwal and Diksha.
4. Tushar, Manya and Kavita of B.Sc.-II CA got First, second and third prize respectively in PPT making competition.
5. In Innovative working model, students of BSc III NM participated. First prize went to team consisting of Supreet Kaur, Harsimran, Ravneet and Isha Gupta. Second prize went to team consisting of Isha, Tanya, Anjali and Garima. Third prize went to team consisting of Arushi, Dainty, Harneet and Khushboo. Consolation prize went to team consisting of Annaya, Yukta, Aditi, Varnika, Mehaknoor, simran, bhavna, nitika and Komoljoot.
6. In Rangoli making, students of BSC III CA participated. First prize went to team consisting of Gurnoor, Aditi and Mansi. Second prize went to team consisting of Ritika and Ramanpreet. Third prize went to Tanu, Navneet and Sakshi.



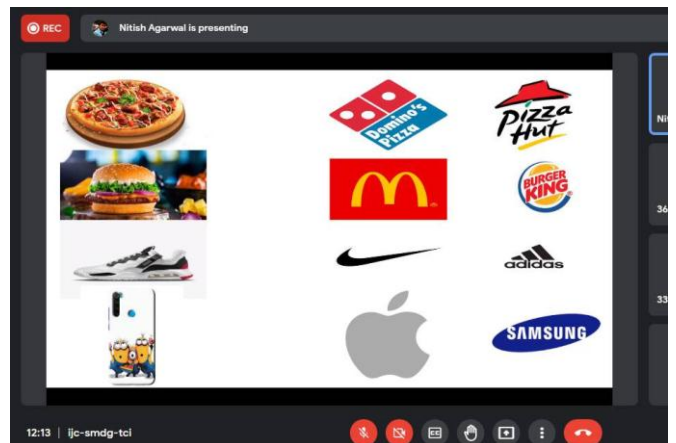
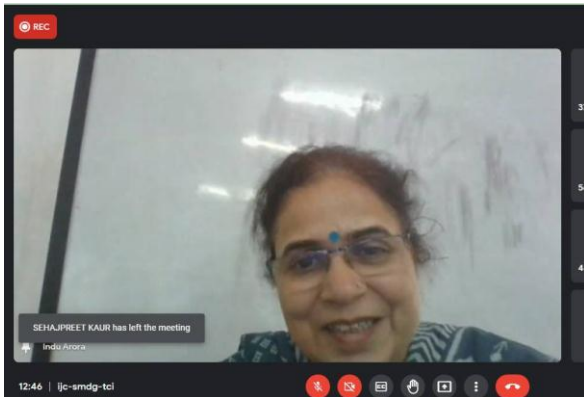
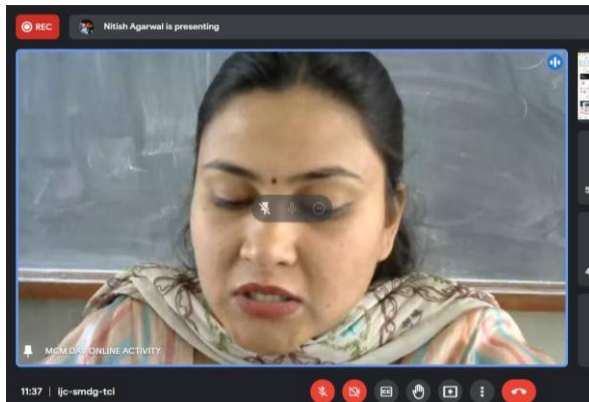
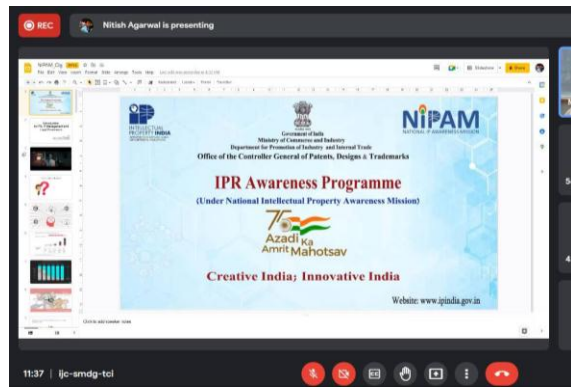


**Webinar on
Awareness on IPR, IP Management and Legal Framework
(23 May 2022)**

Department of Physics under the aegis of IIC organized a webinar “Awareness on IPR, IP Management and Legal Framework” on 23 May 2022. The Resource Person of the session Nitish Agarwal, Examiner of Patents & Designs, Office of the Controller General of Patents, Designs, and Trade Marks, Ministry of Commerce and Industry, Government of India quoted many examples to make the session interactive. Dr. Renu Bala, Dr. Runjun Sarma and Dr. Pallavi Gupta were the coordinators of the event. The main objective of the webinar was to develop awareness regarding importance of filling a patent, enhance knowledge regarding things that can be patented such as logos, designs, innovative ideas and create awareness about IP management and some known legal cases filled in court regarding patent of products.

The resource person Mr. Nitish Aggarwal, Examiners of Patents& Designs, showcased the importance of patents in today’s innovative world by explaining that a patent gives person the exclusive right to sell, manufacture and license his new product, it also allows to stop others from copying one’s invention. If individual have an idea worth protecting, this awareness webinar helped in understanding what one should do to protect one’s product or invention. This session helped in setting up a good basis of understanding on all these subjects for participants so that they are equipped with the necessary basic knowledge that is required to be able to understand the advanced concepts. In particular, Participants get to know about the different types of intellectual property rights, why awareness on IP rights is absolutely crucial for inventors and thinkers and how failing to thing about these topics can lead to your intellectual property being stolen and misused. Apart from this, the resource person also explained the value of trademarks such as Apple Devices, Adidas shoes, Coca Cola Beverage etc. and Geographical Indications, a tag for natural and agricultural products produced in a particular area or region by giving examples of Saffron of Jammu and Kashmir, Tea from Assam etc. He also discussed about few important legal cases that were filed in courts regarding patent of few medicines.

The interactive session between the speaker and the students made the webinar more motivating one. The speaker tried to extract responses from learners and tried to impart knowledge of importance of patents, trademarks, geographical indications and some legal cases.





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

Department of Physics
under the aegis of

Institution's Innovation Council (IIC 4.0)

is organizing an Online Webinar on
**"Awareness on IPR, IP Management and Legal
Framework"**

on 23rd May, 2022 at 11.30 a.m.



Resource Person

Nitish Agarwal

Examiner of Patents & Designs
Office of the Controller General of Patents, Designs,
and Trade Marks
Ministry of Commerce and Industry, GOI

The link for webinar : <https://meet.google.com/ijc-smdg-tci>
For Registration, click here: <https://forms.gle/LPBiTQ9CSUvjAZvj8>
E-Certificates will be provided to participants.

Dr. Renu Bala
Dr. Pallavi Gupta
Dr. Runjun Sarma
Coordinators
IIC4.0@MCM

Dr. Indu Arora
Vice-President
IIC4.0@MCM

Dr. Nisha Bhargava
Principal & President
IIC4.0@MCM

REC Nitish Agarwal is presenting

Introduction to IPR, IP Management and Legal Framework

By:
Nitish Agarwal
Examiner of Patents and Designs
Ministry of Commerce and Industry

Participants: MCM DAV ONLINE, 314 Khushi, 458 ANCHAL SHAH, Nitish Agarwal, Runjun Sarma, 1413KOMALJOT, 441SHELJA, 71 others, You

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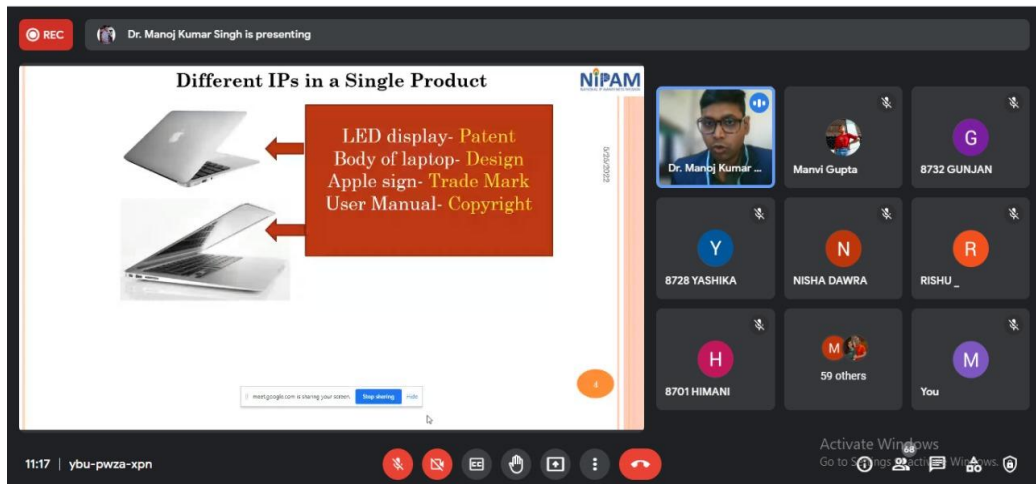
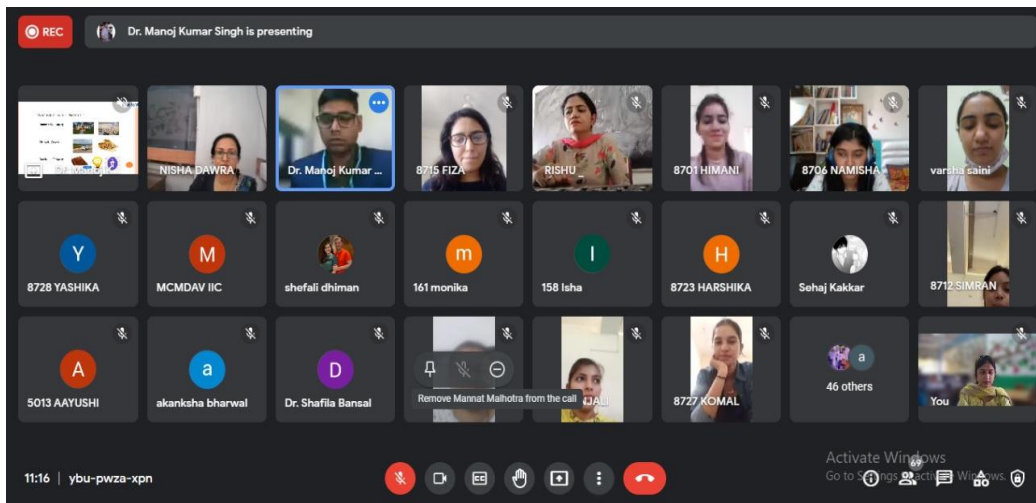
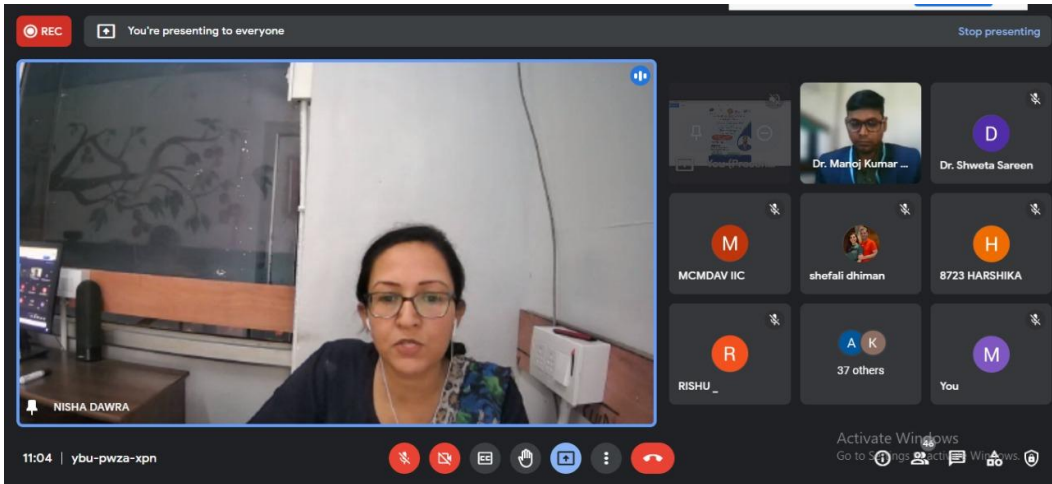
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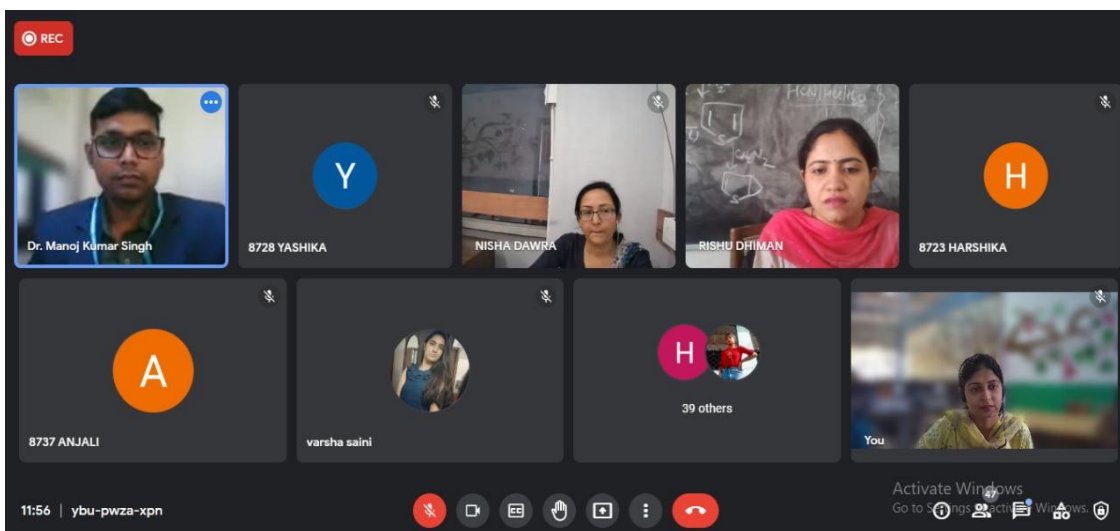
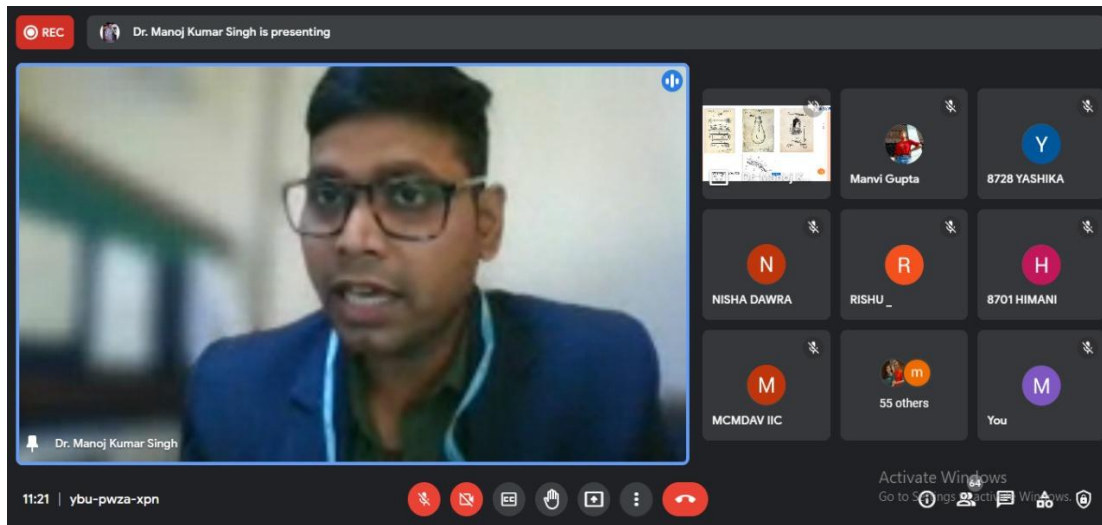
Online Session on National Intellectual Property Awareness Program (25 May 2022)

PG Department of Chemistry under the aegis of IIC organized an online webinar “National Intellectual Property Awareness Program” on 25 May 2022 via Google meet. The Resource Person of the session Dr. Manoj Kumar Singh, Examiner of Patents & Designs, Office of the Controller General of Patents, Designs, and Trade Marks, Ministry of Commerce and Industry, Government of India made the session very informative by elaborating patents, their properties, types of patents and their importance in industry. He also mentioned different Indian Intellectual Property Offices like Patent office, Design office, Copyrights office etc. in India and their locations. A total number of 52 students and 17 faculty members actively participated in the event. Dr Rishu, Dr Nisha Dawra and Ms Sonali coordinated the event. Overall, the lecture was very interactive, informative and knowledgeable.



The poster features logos for Intellectual Property India, Azadi Ka Amrit Mahotsav, Institution's Innovation Councils, and NIPAM. The text reads: 'Mehr Chand Mahajan DAV College for Women, Sector 36-A, Chandigarh (U.T.) PG Department of Chemistry under the aegis of Institution's Innovation Council 4.0 in collaboration with Government of India Ministry of Commerce and Industry Office of Controller General of Patents, Designs & Trade Marks is organising a webinar on NATIONAL INTELLECTUAL PROPERTY AWARENESS PROGRAM'. It specifies the date as MAY 25th at 11 AM. The guest speaker is Dr. Manoj Kumar Singh, Examiner of Patents & Designs, Ministry of Commerce and Industry, Government of India. There are buttons for 'REGISTER HERE' and 'JOIN ON MEET HERE'. At the bottom, it lists the organizers: Dr. Nisha Bhargava (Principal & President, IIC4.0/MCM), Dr. Indu Arora (Vice President, IIC4.0/MCM), Dr. Neetu (Convener, IIC4.0/MCM), and Dr. Rishu, Dr. Nisha Dawra, Ms. Sonali Mendiratta (Coordinators, IIC4.0/MCM).





Webinar on Lean Startup and Minimum Viable Product/Business (30 May 2022)

An online session was conducted by the Post Graduate Department of Economics under the aegis of Institution's Innovation Council (IIC 4.0) on the topic "Lean Startup and Minimum Viable Product/Business". The resource person for the lecture was Dr Japneet Kaur, Assistant Professor, Department of Commerce, Mehr Chand Mahajan DAV College for Women, Chandigarh. A total 119 students and 07 faculty members attended the webinar through Google meet link and YouTube live streaming platform. The lecture provided a thorough insight into the meaning of lean startup, its focus areas, methods and experimental strategies. The resource person deliberated on the requirements for lean startups wherein testing of business model hypotheses was emphasized upon. The speaker further discussed the essential steps: Build- Measure-Learn to be followed for a successful business venture. The expert focused on the need of customer-related information such as customer churn rate, lifetime customer value and product popularity as important pillars of startups. The lecture was very well supported with practical examples like Facebook, Twitter, Dropbox, etc. which have made a mark in the business world.

The session was very useful and interesting and well received by the participants. The students actively participated in the session by raising various questions and discussing their doubts with the speaker. They gained a lot of information on lean startups and minimum viable product/business supported with various practical examples. Overall, the session was very interesting and informative.

Mehr Chand Mahajan DAV College for Women
Sector 36-A, Chandigarh
www.mcmcollegeforwomen.edu.in

Post Graduate Department of Economics
Under the aegis of Institution's Innovation Council (4.0)

Workshop on
"Lean Start-up and minimum Viable Product/Business"
By
Dr Japneet Kaur
Assistant Professor (Department of Commerce)
Mehr Chand Mahajan DAV College for women,
Sector 36 A, Chandigarh

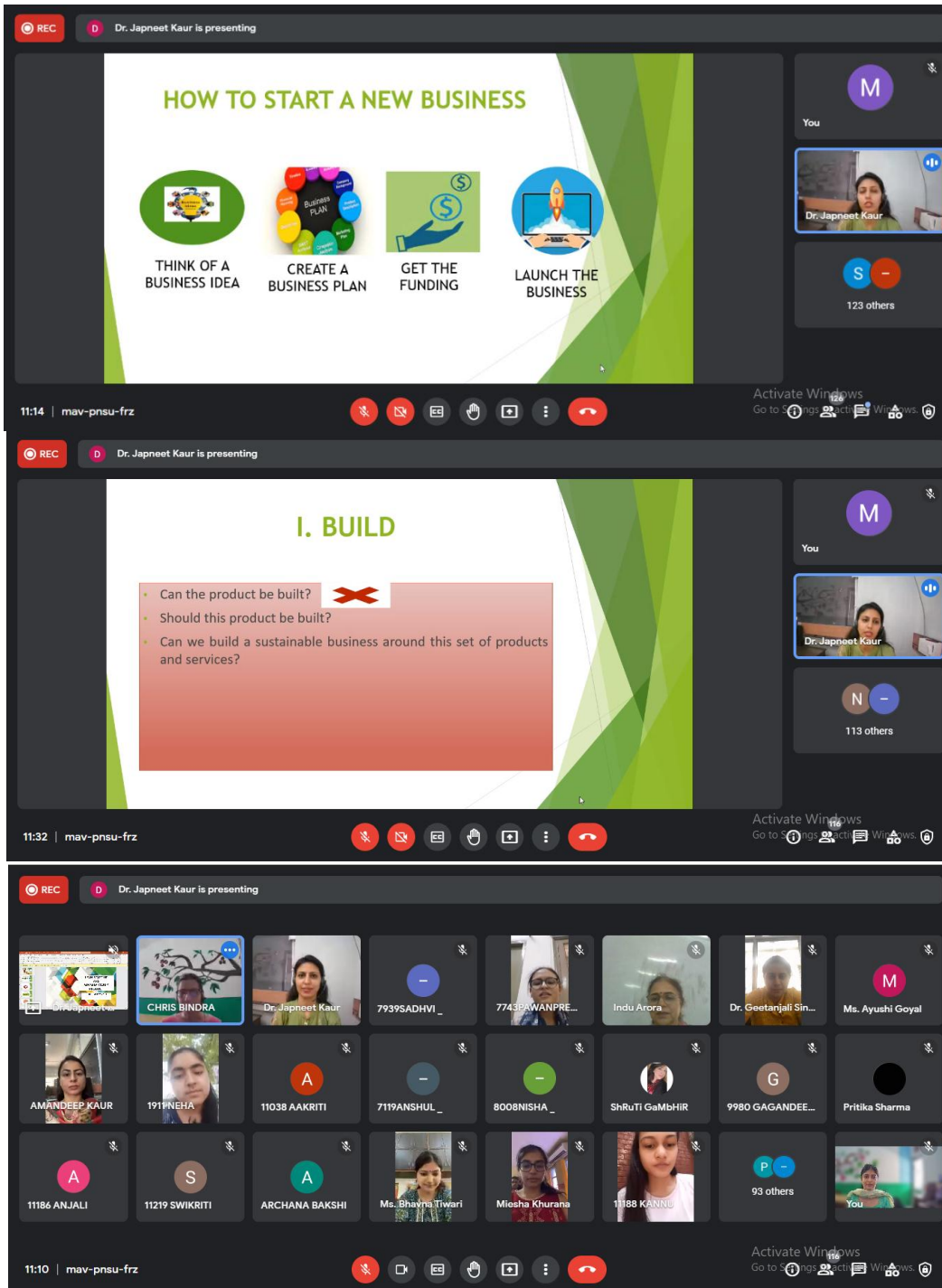
Date:
30th May
2022,
Monday

Time: 11 am

GENERAL INSTRUCTIONS FOR THE PARTICIPANTS

- The session will begin at 11.00 am sharp.
- Join the session five minutes prior to the scheduled time through your Institutional Id.
- Attendance Form will be shared in the chat box during the workshop. It will be available for half an hour.
- Meeting link: <https://meet.google.com/ghy-tyqj-tdm>

Dr Amandeep Kaur	Dr Neetu	Dr Indu Arora	Dr Nisha Bhargava
Ms Chris Bindra	Convener	Vice President	President (IIC@MCM)
Ms Sonali Mehdiratta	IIC@MCM	IIC@MCM	& Principal
Coordinators			



Competition on "Case Study on Innovative techniques used to manage the waste" (30 May 2022)

Swacchta Committee of Department of Computer science and Application organized a competition on "Case Study on Innovative techniques used to manage the waste" under the aegis of Institution's Innovative Council 4.0. Brochure was shared among students on 27 May 2022 and entries were invited latest by 30 May 2022. The primary purpose of conducting this exercise was to provide students with an opportunity to learn about many innovative approaches used by various organisations, cities, and villages, as well as to foster a sense of teamwork among them. This activity encouraged the students to conduct research and present their findings in a professional manner. This activity was given to the students so that students learn about innovative waste management strategies. They can use what they've learned to manage the waste in their areas. This exercise provided a forum for students to develop a sense of belongingness and teamwork. Students from different classes enthusiastically participated in this team event. The students were asked to submit the write-up of case study (hard copy) in the staff room of Department of Computer Science and Applications by 30 May 2022 between 11:00 am to 12.30 pm. They were also asked to mail their word file on dcsamcm@gmail.com.

Ms. Deepti Sharda, Dr. Mandeep K. Chawla, Ms. Navdeep Kaur coordinated the event. A total of 14 teams with a total of 23 students took part in the competition and enthusiastically submitted case studies on topics like: Zero Waste Project, Innovative model of Alappuzha, Oil from plastic waste, Case study to manage Ganga, Case Study: Flower recycling, Solid waste management by Chandigarh, Waste management in Leh, "How Asia's cleanest village Mawlynnong is managing", "How India's startups are fighting the waste management crisis", C&D Waste management Gurugram (Haryana) and Innovative practices adopted by MCM to manage the waste. First prize of Rs. 1000/- went to Bandhan Shinde and Ishmeet of BA III, Second prize of Rs. 800/- went to Renu Bala, Kriti Aggarwal of B.Com 3 and BSc 1 Computer Application. Third prize of Rs. 500/- went to Payal and Palak of BCA II. Overall, the event was incredibly engaging and educational. It was well-received by all who attended.

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



Swachhta Committee
Department of Computer Science & Applications
is organizing a Competition

Case Study on Innovative Techniques used to manage the Waste
under the aegis of
Institution's Innovation Council 4.0

Note

Students can do research on the methods adopted by any organization, city or village which made a significant contribution in managing any sort of waste and helped in achieving Swachhta in their area.

Results will be declared latest by 5 June 2022.

First Prize- 1000/-
Second Prize- 800/-
Third Prize- 500/-)



Rules for the competition:

- The competition is open for students of all streams having a team up to 2 members.
- Word limit of case study should be between 500 to 600 words.
- Plagiarism (in the form of direct copy/paste from source) is strictly prohibited.
- Participants should mention their name, class/section, roll no and their contact numbers on the title page of their case study. Tentative sections for write-up:
 - About the organization/city/village, Techniques adopted, Earlier condition, Outcomes of techniques adopted, Future Planning.
- Interested participants can submit their write-up of case study (hard copy) in staff room of Dept. of Computer Science and Applications between 11 am to 12.30 noon on or before 30 May 2022. Late entries will not be entertained.

Dr Nisha Bhargava

Principal & President, IIC4.0@MCM

Dr Indu Arora

Vice President, IIC4.0@MCM

Ms Deepti Sharda

Dr Mandeep Chawla

Ms Navdeep Kaur

Coordinators

**Webinar on
“Role of Incubation Units/startups in nurturing Innovative Ideas”
(4 June 2022)**

An online session was organized by the Institution’s Innovation Council (IIC 4.0) on the topic ‘Role of Incubation Units/Startups in nurturing Innovative Ideas’ on 4th June 2022. The resource persons for the event were Mr. Vikram Dhawan, an entrepreneur and a consultant and Dr. Swati Dhawan, a faculty and a trainer. Dr Arshdeep & Dr Manpreet coordinated the event. A total of 61 participants including students and teachers have attended the event through Google Meet and YouTube live streaming platform. The session was a great endeavor to acquaint the participants with the role of Incubation Units/Startups from nurturing innovative ideas to transitioning into an entrepreneur. Various gaps between the teachings imparted to the students and the industry requirements were identified. As a solution to this, job-oriented training programs should be introduced in the curriculum in order to prepare them for jobs. The resource persons elaborated the differences between the traditional and modern methods of conceptualizing an idea of a startup. Further, they emphasized on certain prerequisites required for starting a venture like openness to the college authorities, friends, parents etc. and also seek their financial assistance for initial funding. Various steps for preparing a feasibility report for startup such as identifying problem areas, conceptualizing the idea, survey, presentation of the idea, approaching the college authorities/angel investors for seed money etc. were also deliberated. Finally, they elucidated business model, proof of concept and scaling as some of the essentials of a startup. Overall, the session was very interactive, informative and engaging.




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

Institution's Innovation Council 4.0
is organizing an Online Session on
Role of Incubation Units/Startups in nurturing Innovative Ideas

Resource Persons



Mr Vikram Dhawan
Entrepreneur &
Consultant



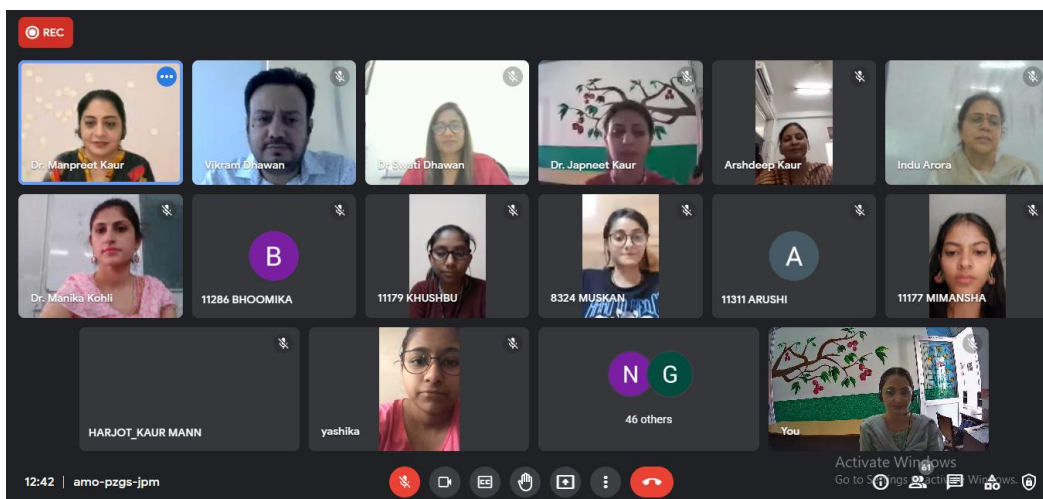
Dr Swati Dhawan
Faculty & Trainer
Finance & Accounting

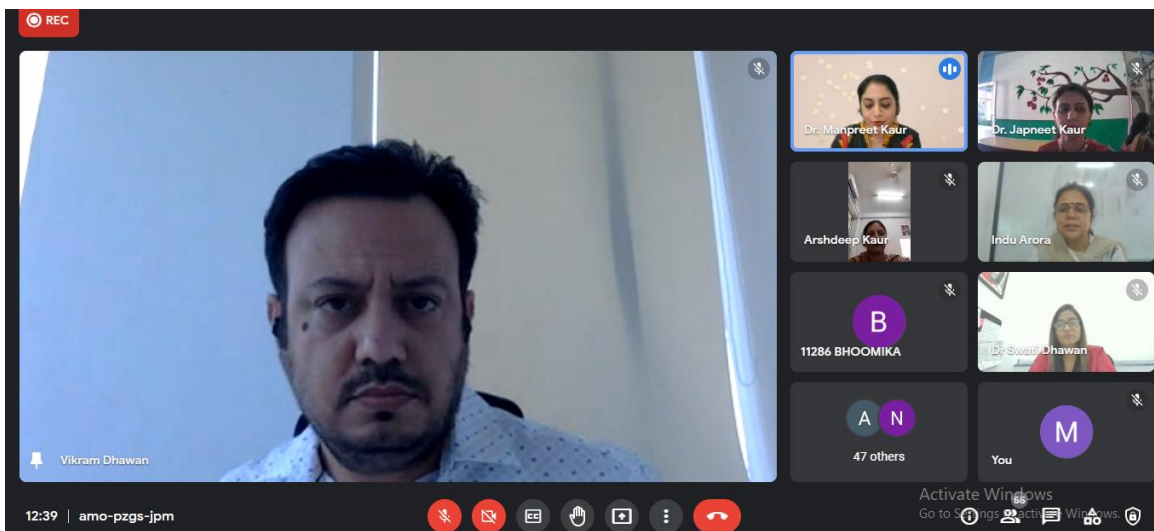
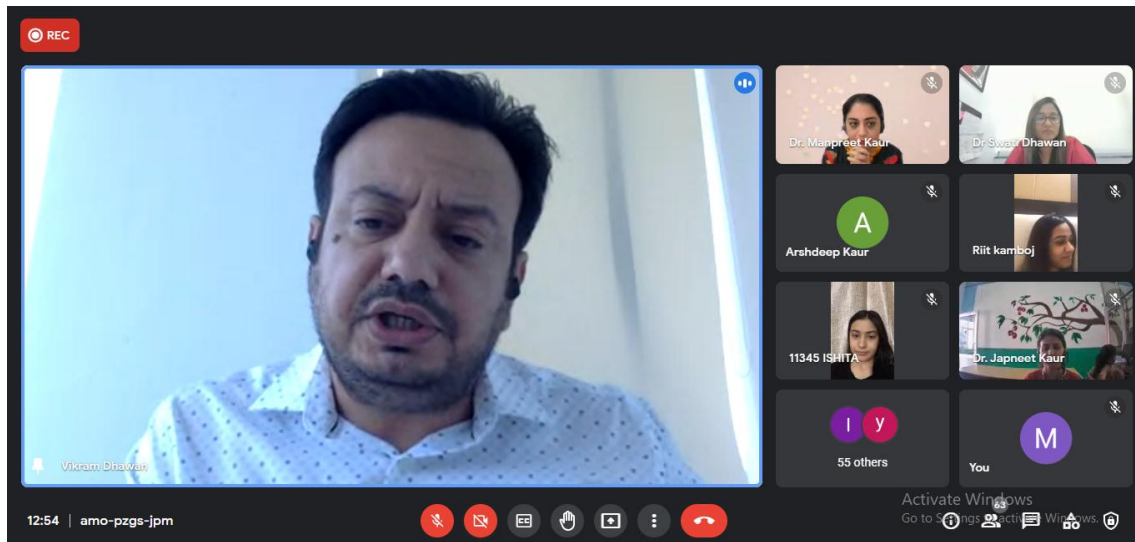
Date: 4 June 2022 Time: 12:30 pm

Click below to join us on Scheduled Date & Time

[CLICK HERE](#)

Dr Nisha Bhargava, Principal & President, IIC4.0@MCM
 Dr Indu Arora, Vice President, IIC4.0@MCM
 Dr Kiran Jindal, Coordinator, Startup Cell
 Dr Arshdeep, Dr Japneet Kaur, Dr Manpreet Kaur & Ms Sandeep Kaur, Coordinators-IIC4.0@MCM







**Webinar on “Role of Intellectual Property Rights in constructing Green Environment” for celebrating World Environment Day (June 5)
(6 June 2022)**

World Environment Day is celebrated globally on June 5 every year to raise awareness about various environmental issues since 1973. The official theme of the day this year is “Only One Earth”, which was also the slogan of the first United Nations Conference on the Human Environment, held in Stockholm in 1972 to put sustainable development on global agenda. A combination of innovation policies and environmental laws may help in solving various global environmental issues. It is imperative to aware students about the IPR in environment so that they can think of resolving environmental issues innovatively.

This year to mark the celebration of “World Environment Day”, Department of Environment Science in collaboration with MCM Eco-club “Parivesh” under the aegis of Institution's Innovation Council (IIC) 4.0, Mehr Chand Mahajan D.A.V. College for Women, Chandigarh organized A Webinar on **Role of Intellectual Property Rights in Constructing Green Environment**. The objective was to acquaint the students about the importance of Intellectual Property Right in sustainable development.


Dr. Gurpreet Kaur, Assistant Professor in the Department of Chemistry, Panjab University was the resource person for the day. Dr. Kaur has 4 Indian Patents; two have been granted and two have been filed. During the webinar, Dr. Kaur highlighted the role of Innovation policies, along with the environmental laws in addressing current global environmental issues. She also mentioned that IPR plays a key role in affecting the quality of innovative ideas as well as the innovative products. Dr. Kaur mentioned that in order to achieve sustainable development for ensuring human health, and environment protection, IPR is extremely important. Around 66 students and four faculty members attended the session. Enthusiastic participation of students along with teachers shows the great success of this event. Dr. Shafila and Ms. Sandeep Kaur coordinated the event.

Mehr Chand Mahajan
DAV College for Women
Sector 56-A, Chandigarh (U.T.)

Department of Environment Science
in collaboration with
MCM Eco-Club 'परिचेर'
under the aegis of
Institution's Innovation Council 4.0
is organizing a Webinar on
**Role of Intellectual Property Rights
in constructing Green Environment**
to mark the celebration of
World Environment Day
Date: 6 June 2022 Time: 11:00 am

Resource person
Dr. Gurpreet Kaur
Assistant Professor
(IIST Inspire Faculty Awardee)
Department of Chemistry
Panjab University, Chandigarh



TICKETS To join us on scheduled Date & Time.

Ms Sardeep Kaur Dr. Shafiq Coordinators	Dr. Naitu Convener, ICAU/IMCM	Dr. Indu Arora Vice President, ICAU/IMCM	Dr. Nishu Bhargava President & President, ICAU/IMCM
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Webinar on “Angel Investment/Venture Capital Funding opportunities for Early-Stage Entrepreneurs (9 June 2022)

A webinar was organized by the Institution’s Innovation Council (IIC 4.0) on the topic ‘Angel Investment and Venture Capital Funding Opportunities for Early-Stage Entrepreneurs’. The resource person for the event was Mr. Dinesh Duggal, Ex-Banker. A total of 30 students and 03 faculty members attended the event through Google Meet and YouTube live streaming platform. Dr Nidhi Tanwar, Dr Manpreet and Dr Japneet coordinated the event. The session was a great endeavor to acquaint the participants with the role of venture capitalists and angel investors in the innovation ecosystem. Various sources of venture capital like venture capital firms, investment banks, HNIs were also discussed. Further, the process of venture capital funding highlighting its reliance on human relationship, pattern recognition and judgement was also deliberated. The resource person also elucidated lucrative return incentives earned by the venture capitalist and the investors from the start up. He also discussed the advantages and disadvantages of venture capital funding and the reasons for interest and increased activity in VC Space. Finally, he shared the success and failure stories of various startup ventures. Overall, the session was very interactive and intuitive. The students found the session very interesting and informative.



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Institution's Innovation Council 4.0

Organizes
Webinar
on

"Angel Investment and Venture Capital Funding Opportunities for Early stage Entrepreneurs"

Date: 9th June, 2022

Time: 9:30 am onwards

by
Sh. Dinesh Duggal
Ex-Banker

Google Meet Link: <https://meet.google.com/cpq-ieyp-tdj>

Dr. Nidhi Tanwar
Dr. Manpreet Kaur
Dr. Japneet Kaur
Ms. Sandeep Kaur
COORDINATORS

Dr. Neetu
CONVENER
IIC @MCM

Dr. Indu Arora
VICE PRESIDENT
IIC @MCM

Dr. Nisha Bhargava
PRINCIPAL & PRESIDENT
IIC@MCM

Webinar on “Accelerators/Incubators- Opportunities for Students & Faculty - Early-Stage Entrepreneurs (14 June 2022)

An online awareness session on ‘Accelerators/Incubators- Opportunities for Students and Faculty (Early-Stage Entrepreneurs)’ was organised by the Institution's Innovation Council (IIC 4.0), Mehr Chand Mahajan DAV College for Women on 14 June, 2022 to familiarize students with the role of accelerators and incubators in promoting entrepreneurship. The resource person for the session was Dr. Neetu, Innovation Ambassador, IIC@MCM and Head, Department of Zoology, Mehr Chand Mahajan DAV College for Women, Chandigarh. Dr. Nisha Bhargava, Principal graced the session with her benign presence. As many as 55 students from undergraduate and graduate streams of sciences and 09 faculty members attended the session. Ms Sandeep Kaur and Dr Divya Sharma coordinated the event.

Dr. Neetu introduced the students with the concept of business incubators and accelerators, and briefed about their significance in overcoming the numerous hurdles an entrepreneur might face during the early stages of his/her venture. She deliberated upon the steps to create Minimum Viable Product so as to get feedback from the customers in early stage of the start-up. She discussed the active involvement of the Government of India in encouraging and motivating people to come up with ideas and creating start-ups that would contribute to the community. She informed that there are several schemes available specifically for women which would help them with their business planning. Dr. Neetu gave a list of academic incubators and accelerators in and around Chandigarh and encouraged students as well as the faculty members to be creative and innovative and come up with sustainable ideas which would help the community grow and improve.



MEHR CHAND MAHAJAN DAV COLLEGE FOR WOMEN
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Institution's Innovation Council 4.0
Organizes

An Online Awareness Session

On

**Accelerators/Incubators-
Opportunities for Students & Faculty
(Early-Stage Entrepreneurs)**

by

Dr. Neetu

*Head, Department of Zoology &
Innovation Ambassador, IIC@MCM*



DATE: 14 June 2022

TIME: 11.00 am onwards

GOOGLE MEET LINK: <https://meet.google.com/yka-bnfk-yxa>

*Ms. Sandeep Kaur
Dr. Divya Sharma
COORDINATORS*

*Dr. Indu Arora
VICE PRESIDENT
IIC4.0@MCM*

*Dr. Nisha Bhargava
PRINCIPAL &
PRESIDENT, IIC4.0@MCM*

**MIC driven online Session on
“Out of the Box Thinking for Problem Solving”
(28 June 2022)**

Ministry of Education's Innovation Cell (MIC), AICTE organized a live online session on the topic “Out of the box thinking for problem solving” on 28th June 2022. The speaker of the session was Prof. V. Kamakoti, Director, IIT Madras. Around 21 students and 24 Faculty members attended the session. Mr. Dipan Sahu, Asst. Innovation Director, Ministry of Education's Innovation Cell & AICTE, Govt. of India, welcomed the speaker and participants from various institutes all over India. Mr. Sahu gave a brief introduction to the session, its relevance and the need of learning mathematical and scientific techniques to make students better thinkers and innovators.

Dr. Kamakoti started with the observation that there is a need of thinking differently to make a better society and nation. He also emphasized that to be successful entrepreneurs one should have a different view of the problem and formulate better and effective solutions. Dr. Kamakoti demonstrated various techniques of out of the box thinking to solve any given problem with the help of interesting examples. The session also aimed to find and implement the connection between problems that we find around us in daily life and their solutions. Dr. Kamakoti explained the need and the details of the Out of the Box Thinking with Mathematics Course being started by IIT Madras. The course is meant for anyone who wishes to learn some revolutionary ways of thinking. He also discussed the different levels of this course, their topics along with the course structure, benefits, evaluation and certification. Overall, it was an interesting session that inspired the participants to join the course and learn the techniques of thinking in a different way to solve a problem.



Report on Regional Meet of IICs: An activity by MIC (26 July 2022)

The 3rd regional meet of IIC institutions from North-West Region (J&K, HP, UK, Punjab, Haryana, Delhi, Chandigarh UT) was held at Chandigarh University on 26th July 2022. More than 450+ Faculty representatives from 270+ HEIs took part in this IIC regional meet along with 45+ Arts and Science colleges. 75+ innovations and 70+ IIC posters were also exhibited during the meet. More than 10+ incubators, state agencies, IP firms and ecosystem enablers from the state of Punjab and Haryana and Chandigarh were part of the round table discussion to strengthen their relation with educational institutions. Hon'ble Member Secretary, AICTE, Prof. Rajive Kumar graced the occasion as Chief Guest of the regional meet. Mr. Dipan Sahu, Asst. Innovation Director at the Innovation Cell of Ministry of Education graced the occasion as Guest of Honour. Dr. RS Bawa, Pro Chancellor, Chandigarh University and various speakers addressed the delegates. After the inaugural session, the chief guest with MIC team visited all innovation stalls and posters displayed by participating IIC institutions to take an overview of the achievements made in the field of innovation by the respective institutions. Our college representatives Dr Indu Arora for IIC, Dr Sarabjeet Kaur for ARIIA, Ms Disha Sharma for IP and Dr Kiran Jindal for NISP answered the queries asked by the MIC team. MIC team appreciated the participation of our students in TOYCATHON till final round.





Next session was Impact session on IIC Model, Participatory Approach, Achievement and Performance Maximization through Quality Participation of HEIs by Mr. Dipan Sahu, Asst. Innovation Director at the Innovation Cell of Ministry of Education. Mr Dipan Sahu shared about the progress and growing IIC network, initiatives undertaken at the national and state level by MoE's Innovation Cell (MIC). Mr Dipan Sahu also elaborated on I&E Initiatives of MIC &

AICTE and YUKTI- National Innovation Repository (NIR). Post lunch separate tracks were organized for the IIC, ARIIA, NISP and IP representatives.

Track-1 was related to Knowledge sharing session on IIC. The session began with the introductory note on I&E ecosystem by the representative of Chandigarh University. IIC presidents of BML Munjal University and KMV Jalandhar shared information and videos about the working of their IICs.

Track-2 was related to Knowledge Sharing session on NISP: The session began with the introductory note on National Innovation & Start up Policy (NISP) 2019 given by the representative of hosting organization, Chandigarh University. Then first presentation was given by Dr. Deepak Pandit, Chair Professor of Innovation and Entrepreneurship, BMS Munjal University, Gurgaon. He discussed about the innovation and entrepreneurship policy of his institution where the main emphasis was on the mentorship of students. Through this mentorship, the best projects of the students are selected and further screened to check their commercial viability. After that, the funding is being provided to these start-ups. Currently the organisation is working on start-ups such as production of e-bikes, replacement of diesel engine to electronic engines to make the cars viable on roads after the completion of their 10 years of life. The Second presentation was made by Dr. Lalit Kumar, Assistant Professor Department of Physics. The presentation began with the NIRF and Indian Today ranking of the college in current session. Further, he discussed about the need and important of innovation and start-up policy which made the existence of start-ups by students and staff feasible. However, there are still few hindrances in the pathway of implementation of NISP at their college level. For example, he specified that academic semester or year break to the students working on their start-ups is not being provided by the Delhi University till now and in such case, it becomes difficult for the college to provide such amenities to the students but he was very hopeful about the changes that will be taking place within a year or so due to implementation of National Education Policy 2020. The third presentation was made up by Dr. Neetu Chopra, Vice President KMV-IIC. This presentation also started with the various rankings, IIC rating and grants received by the college. She also emphasized that the college is the oldest one in the northern region of the country which got the status of autonomous now. Then she shared a video of their incubation lab showcasing the students using various lab instruments while doing their projects.

Track-3 was related to Knowledge sharing session on Benchmarking, Measuring I&E Ecosystem in HEI. The first presentation was given by Dr. Rohit Sharma, Associate Professor, Department of Microbial Biotechnology, Panjab University, Chandigarh. He focused on various Pre incubation and incubation facilities available in the university campus and also discussed the success stories of few innovators and the start-ups they were involved in. The delegates were made aware about the role of various government schemes in the process to motivate their participation. The resource person discussed various parameters to score good rankings in different portals. The second presentation was made by Dr. Sorabh Lakhanpal, Head and Senior Dean, Division of Student Welfare, LPU, Jalandhar. He elaborated on the meaning of I & E Ecosystem. He emphasized on developing an ecosystem for innovation in the campus. He added that after the base is set, the process will begin in flow. He made the audience prepare a proposal for startup and focused on the parameters to be considered for good start-ups and sidewise highlighted various incubation facilities available in campus for all.

Track-4 was related to Knowledge sharing session on IP and Technology Transfer. The first presentation was given by Ms. Reema Sahini, Senior Project Manager, TTO. She focused on technology transfer and elaborated on its meaning and significance. she explained the technology transfer model and the steps involved in the process of transfer of technology. The delegates were made aware about the role of TTO (Technology Transfer Office) in the process. The resource person also brought to light the myths associated with technology transfer. The second presentation was made by Dr. Manjit Kaur, Associate Professor, University School of Business, Chandigarh University. She elaborated on the meaning and types of IPRs and stressed upon the importance of protection of IP with the help of examples. The do's and don'ts of IP management by a startup were meticulously explained by the resource person.

The culmination of the regional meet saw a valedictory session wherein the institutions with best posters and best innovation stalls were recognized and facilitated.



Mehr Chand Mahajan DAV College for Women

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

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