

**POST GRADUATE GOVERNMENT COLLEGE FOR GIRLS
SECTOR-11, CHANDIGARH**



COURAGE TO KNOW

Institutional Innovation Council

(Session :2019-2020)

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Principal

Post. Graduate Govt. College for Girls
Sector 11, Chandigarh



Workshop on the theme "Design Thinking and Innovation"

Institution's Innovation Council of Post Graduate Government College for Girls, Sector 11, and Chandigarh organized a Workshop on the theme "Design Thinking and Innovation" held on **31st July, 2019**. Mr. Jagdeep Singh, UCREATE IT Pvt. Ltd. introduced the theme of the workshop. He laid emphasis on design thinking as it minimizes the uncertainty and risk of innovation by engaging customers or users through a series of prototypes to learn, test, and refine concepts. He also described innovation as essential in today's' ever-growing competitive world. Whether you are a manager in a global corporation, an entrepreneur starting up, in a government role, or a teacher in a college/school, everyone is expected to do better with less and that is why we all need design thinking. Around 120 were part of this workshop.



Students attending the Workshop

SERIES OF TWO WORKSHOPS-CUM-SEMINARS ON ENTREPRENEURSHIP

Institution's Innovation Council of Post Graduate Government College for Girls, Sector 11 Chandigarh has organized a series of two workshops-cum-seminars on **18th September & 23rd September, 2019** with the objective to discuss on the role and importance of Pre-Incubators, Incubators and Accelerators in HEIs – Harnessing Innovation and Entrepreneurial potential of students and faculties at early stage. Yuvraj Thakur, Marine Engineer & MBA, General Manager – VTA, Commercial Director, VERIFAVIA SHIPPING, IT Park, Chandigarh was the resource person.

(i) One-Day Seminar-cum-workshop on “My Story – Entrepreneurs Life & Crossroad Motivational Speech”

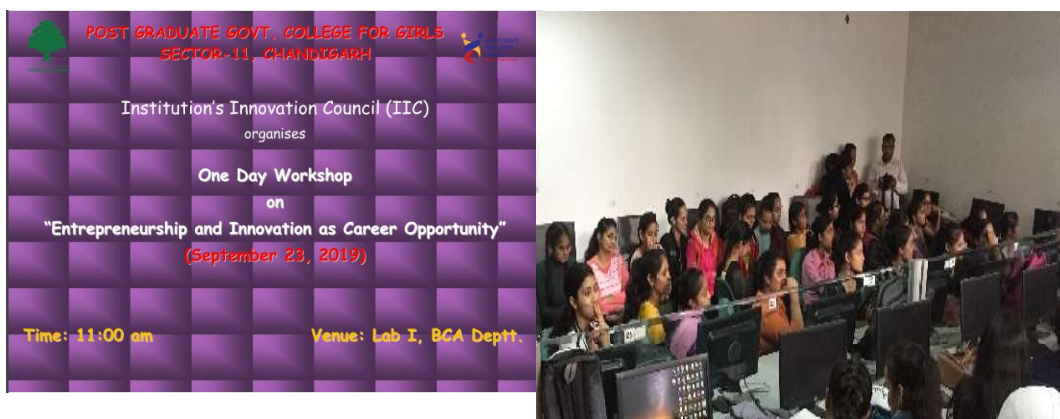
Approximately 100 students attended the seminar-cum-workshop on **18th September, 2019**. During the event, students were apprised of the following points: 1. To provide a timeframe for the preliminary work to be carried out to assess the feasibility of creating an incubator. 2. Incubation is to reduce the chances of failure of early-stage start-up. 3. Recruitment, screening, training, monitoring and support are elements of mentoring. 4. Incubator should provide financial management, industrial connects, mentoring both technology and business, legal support for IP and regulatory. 5. Infrastructure needs to be suitable for flexible configuration, in a location that is good for business for the clients. 6. Effective planning is a key factor in ensuring the future success of an initiative and the return on investment for the principal stakeholders.



Brochure of the event and view of the participants of the motivational speech

(ii) **One-Day Seminar-cum-workshop on “Entrepreneurship and Innovation as Career Opportunity”**

Approximately 100 students attended the seminar-cum-workshop on **23rd September, 2019**. During the event, students were apprised of the following points: 1. Creativity is a skill and innovation is a process. 2. Innovation Involves thinking differently, creatively and insightfully. 3. Innovation enables solutions/inventions that have an impact on social and economic value. 4. Innovation is the initial commercialization of invention by producing and selling a new product, service, or process. 5. Frugal innovation means making clever products from limited resources and seeing poorer population as a market to serve not as an object of charity. 6. Informal improvisation needs to be scaled upto a system based on frugal engineering geared towards Indian needs. 7. Process of creating value by bringing together a unique package of resources to exploit an opportunity, in pursuit of high social returns is called social entrepreneurship. 8. Social business is for more-than-profit combine revenue-generating business with a social-value-generating structure. 9. Jugaad needs imagination and high level of creativity. 10. Jugaad needs a skill of thinking out of the box. 11. Innovation leads to creativity.



Brochure of the event and view of the participants of the workshop

Poster Making and Slogan Writing Competition for celebrating Innovation Week “A Tribute to Dr. A.P.J. Abdul Kalam”

Institution’s Innovation Council (IIC) of Post Graduate Government College for Girls, Sector 11, Chandigarh has organized poster making and slogan writing competitions on **14th October, 2019** with the objective to inculcate enthusiasm for innovation in students. The event was marked to celebrate “Innovation Week” to pay tribute to former President of India, Dr. A.P.J. Abdul Kalam. Approximately 100 students participated in the event.



Brochure of the event and students writing slogans during the event



Students making posters during the event and participants displaying their posters after the event

One-day interactive session "Hangout with Successful Start-ups" (Entrepreneurs in Campus)

Institution's Innovation Council of Post Graduate Government College for Girls, Sector 11, Chandigarh has organized a One-day Interactive session "Hangout with successful start-ups" on **25th January, 2020** with the objective to harness Innovation and Entrepreneurial potential of students by making an interface between successful entrepreneurs and the students. Mr. Yuvraj Thakur, Marine Engineer & MBA, General Manager – VTA, Commercial Director, VERIFAVIA SHIPPING, IT Park, Chandigarh was the resource person. More than 100 students attended the session. During the interactive session, Mr. Yuvraj Thakur apprised the student of the following factors: 1. Women today have stepped out of their comfort zone and are breaking barriers all around the world. 2. Ideation stage, proof of concept and prototype are the phases of start-up. 3. Ideas, team, business model, funding and timing are the essential elements of start-up. 4. Prototype and a good pitch open a way to raise funding from an Investor. 5. We need to understand that everyone can ideate, but not every idea is Innovative for market. 6. Build an open environment and get the maximum of all the people you cooperate with. 7. Try to build strong team & realize your team strength. 8. Try to make very elegant, user-friendly prototype and look at simplifying the problems. 9. Self-motivation is the most important entrepreneurial trait. 10. Don't look at bigger fancy glamorous aspects, which might not be required at the start.



Brochure of the event and view of the participants during the workshop

One-day seminar on Creativity, Innovation & Growth

Institution's Innovation Council of Post Graduate Government College for Girls, Sector 11, Chandigarh has organized a One-day Seminar on "Creativity, Innovation & Growth" on **27th February, 2020** with the objective to harness Innovation and Entrepreneurial potential of students. Mr. Rajesh Kumar, Bulls Eye, Chandigarh was the resource person. Approximately 100 students attended the seminar-cum-workshop. During the event, students were apprised of the following points: 1. Innovation leads to creativity. 2. Innovation Involves thinking differently, creatively and insightfully. 3. Creativity is a skill and innovation is a process. 4. Social business is for more-than-profit combine revenue-generating business with a social-value-generating structure. 5. Incubation is to reduce the chances of failure of early-stage start-up. 6. Incubator should provide financial management, industrial connects, mentoring both technology and business, legal support for IP and regulatory. 7. Effective planning is a key factor in ensuring the future success of an initiative and the return on investment for the principal stakeholders.



Brochure of the event and view of the participants during seminar

One-day mentoring session on IPR & IP management for innovation & start-ups

Institution's Innovation Council (IIC), of Post Graduate Government College for Girls, Sector 11, Chandigarh has organized "One-day Mentoring Session on IPR & IP Management for Innovation & Start-ups" in the college auditorium on **9th March, 2020** to discuss about National Innovation and Start-up policy for students and faculty on Innovation, Start-up, IPR and to provide a guiding framework for higher education institutions for implementation. 1. NISP intends to guide higher education institutions to promote students and faculty driven innovations and start-ups. 2. To engage students in start-ups and innovation activities. 3. Higher education institutions should formulate strategy in accordance with NISP. 4. Faculty should be encouraged to do trainings on innovations, IPR and entrepreneurship. 5. Institutions should link their incubation unit with external agencies and ecosystem enablers to incubate start-ups. 6. Institutions should create innovation fund for supporting innovative projects by allocating minimum 1% of institutions total budget. 7. To allow students to earn credit for working on innovative prototypes or business models. 8. To allow student entrepreneurs to use the address of hostel or incubation unit to register their venture while studying at institution. 9. To allow faculty to start up based on the technology developed in the lab at the institute. 10. Facility of incubation and pre-incubation should be accessible 24 X 7 to student, staff and faculty of all discipline and department across the institute. 11. Institutions should start recognizing and giving innovation and entrepreneurship awards to best achievers from campus. 12. Creation of awareness among students and teaching methods should include case studies of real business stories of success and failure. 13. Staff and students should focus on input, process, output, outcome and impact level. Approximately 350 students attended the mentoring session.



Brochure of the event and view of the participants of One-day Mentoring Session

Series of Online lectures/interactive sessions

A series of online lectures/interactive sessions were organized by Innovation Cell, MHRD, Govt. of India. These online sessions were carried out at national level MHRD's Innovation Cell in association with Institution's Innovation Council of various Higher Educational Institutions of the country. Following is the report of the sessions carried out by Institution's Innovation Council (IIC), Post Graduate Government College for Girls, Sector 11, Chandigarh prescribed by MHRD's Innovation Cell.

1. Online session on “National Innovation and Start-up Policy for Students and Faculty 2019: A Guiding Framework for HEIs for Implementation”

28th April, 2020

Mr. Dipan Sahu, Asst. Innovation Director, National Co-Ordinator – NISP, IIC & ARIIA, MBA/PGDM in IEVD Program, MHRD's Innovation Cell, AICTE was the resource person. Approximately 150 students attended the session.



Brochure of the event and the student attending the webinar at home

2. Online session on “Role and Importance of Pre-Incubators and Accelerators in HEIs – Harnessing Innovation and Entrepreneurial Potential of Students and Faculties at Early Stage”

29th April, 2020

Mr. Muthu Singaram, CEO HTIC-Med Tech Incubator (MTI), Chennai was the resource person. Approximately 200 students attended the session.



Brochure of the event and the students attending the webinar at home

3. Online Session on “Hangout with Emerging Innovator & Entrepreneurs supported through MIC & AICTE”

30th April, 2020

Ms. Vandana Thakur, Female Innovator cum Entrepreneur, Canada India Acceleration Program, MHRD’s Innovation Cell, AICTE and Mr. Amit Sanjay Lokhande, Innovator cum Entrepreneur India-South Korea Start up Exchange Program, MHRD’s Innovation Cell, AICTE were the resource persons. Approximately 125 students attended the session.



Brochure of the event

4. Online Session on “Hangout with Successful Startup Founder and Learn Design thinking approach for Hardware Innovation”

4th May, 2020

Dr. Pankaj Parashar, CEO/Founder Cutting Edge Technology Pvt. Ltd. Indore was the resource person. Approximately 200 students attended the session.

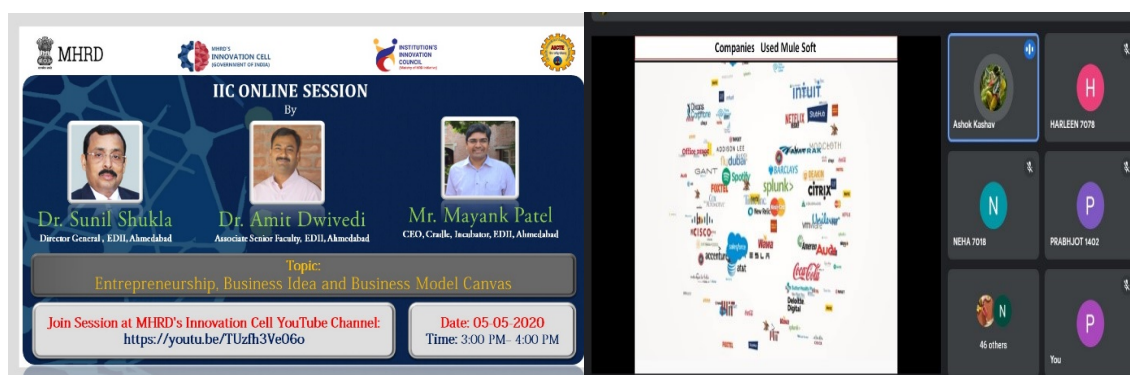


Brochure of the event and student attending the webinar at home

5. Online Session on “Entrepreneurship, Business Idea and Business Model Canvas”

5th May, 2020

Dr. Sunil Shukla, Director General, Entrepreneurship Development Institute of India, Distt. Gandhi Nagar, Gujarat; Dr. Amit Dwivedi, Associate Senior Faculty, EDII, Gandhi Nagar and Mr. Mayank Patel, CEO Cradle, Incubator, EDII, Ahmadabad were the resource persons. Approximately 100 students attended the session.



Brochure of the event and screenshot of the presentation

6. Online Session on “Intellectual Property (IP) Management at Early Stage of Innovation and Start-ups”

7th May, 2020

Dr. Sanjeev Kumar Majumdar, Manager IPR, Start-up & Incubation, National Research Development Corporation (NRDC). Approximately 250 students attended the session.



Brochure of the event and the student attending the webinar at home

7. Online Session on “Understanding Angel and Venture Capital Funding – What is there for Early Stage innovator & Entrepreneurs”

8th May, 2020

Mr. Sushanto Mitra, Founder & CEO Lead Angels Pvt. Ltd., Mumbai, Maharashtra was the resource person. Approximately 150 students attended the session.



Brochure of the event and picture of the student attending the webinar at home

8. Online Session on “Innovating Self-Screen and Identify right opportunities”

13th May, 2020

Prof. Sanjay Inamdar, Entrepreneur and Founder of Flu-Con, Alumnus MIT, Harvard and Carnegie, Mellon, Chairman, AICTE Start up Policy Implementation Committee MHRD’s Innovation Cell, AICTE was the resource person. Approximately 225 students attended the session.



Brochure of the event and picture of the student attending the webinar at home

9. Online Session on “Innovation Risk Diagnostic – Product Innovation Rubric (PIR)”

15th May, 2020

Dr. Lakshmi Meera, Program Director, Forge Incubator MHRD’s Innovation Cell was the resource person. Approximately 150 students attended the session.



Brochure of the event and picture of the student attending the webinar at home

10. Online Session on “Frugal Innovations and Social Entrepreneurship”

21st May, 2020

Dr. Raman Gujral, Professor & Director, Deptt. of Projects – Corporate & Regional Director – Southern Regional Office Entrepreneurship Development Institute of India, Distt. Gandhi Nagar, Gujarat, was the resource person. Approximately 220 students attended the session.



Brochure of the event and picture of the presentation

11. Online Session on “Interaction with Student Innovators and Entrepreneurs” from Smart India Hackathon (SIH)

22nd May, 2020

Mr. Pulkit Jain, Co-Founder & CEO, Electromotion E-Vidyut Vehicles Pvt. Ltd., Mr. Lokesh Goswami, Professor in Civil Engineering Deptt. at Techno India NJR Institute of Technology, Udaipur, Co-Founder iGNISMINDS and Mr. Arpit Nandi, Team “Quarks & Leptons” in Smart India Hackathon (SIH), developed cost-effective Air Quality Monitoring System; were the resource persons. Approximately 100 students attended the session.



Brochure of the event and screenshots of the participants

Two-days online entrepreneurship development programme

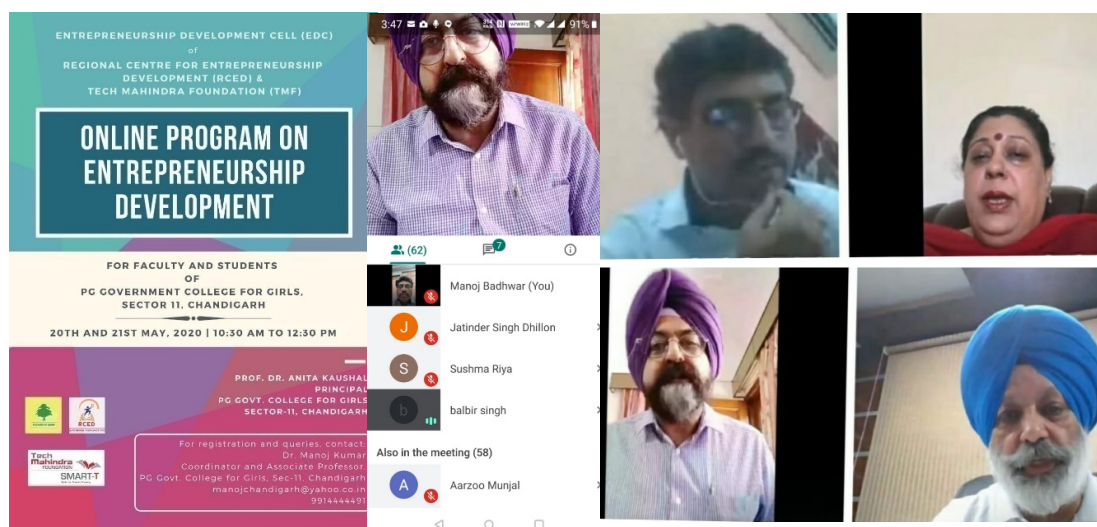
A two-days online Entrepreneurship Development Programme was organised in Post Graduate Govt. College for Girls Sector 11, Chandigarh on **20th and 21st May, 2020**. More than 450 students and faculty members attended the online programme. Owing to the overwhelming response of students and faculty, the program has to be conducted in two batches of approximately 200 participants each.

20th May, 2020

Principal Prof Anita Kaushal inaugurated the program and welcomed the speakers and participants. She urged the students to be courageous and patient in these difficult times. Hoping for a better future she said that the economy, polity and society of the world is expected to change in the post Covidtimes. Motivating the participants, she observed that there are many opportunities for the youth and they should come forward to be Entrepreneurs and contribute towards wealth generation and create employment opportunities. She thanked the Regional Centre for Entrepreneurship Development for partnering with PGGCG-11, Chandigarh in organising such program that would be fruitful for the participants. Dr. Manoj Kumar, Associate Professor and Convenor of the program thanked the students and faculty for their enthusiastic participation. He expressed gratitude towards the speakers and delineated the programme schedule and benefits of Entrepreneurship Development Programme. Mr Paramjit Singh, Director, RCED and having more than forty years of experience in the field of Entrepreneur Development, highlighted the significance of economic self-dependence in the present era. He delineated the wide opportunities in the field of entrepreneurship. He quoted suitable examples to motivate the students to become Job-providers rather than Job-seekers and guided them about the various measures and schemes being undertaken by the Government to support innovative ideas related to market and business. The second speaker Mr. Balbir Singh, Ex Vice President of NITCON and presently acting as advisor to RCED having 35 years of experience in this field elucidated the meaning of being an entrepreneur. He stressed upon the need and significance of entrepreneurship and its charms in the modern era.

21st May, 2020

Mr Balbir Singh dwelt at length about the Steps involved in setting up MSME. Mr. Paramjit Singh, Director, RCED highlighted the significance of economic self-dependence in the present era. 2. He delineated the wide opportunities in the field of entrepreneurship. 3. He quoted suitable examples to motivate the students to become Job-providers rather than Job-seekers and guided them about the various measures and schemes being undertaken by the Government to support innovative ideas related to market and business. 4. Stress was made upon the need and significance of entrepreneurship and its charms in the modern era. 5. The students were addressed by Ms. Amanjot Kaur, a successful women entrepreneur. She explained the opportunities for the women entrepreneurs. 6. Dr.J.S. Saini spoke about the Opportunity Identification and viable projects for the first generation Entrepreneurs and followed it by the presentation on Schemes of various departments and Banks for the promotion of MSME. The main objective of the Entrepreneurship Development Programme was to motivate the participants as there are many opportunities for the youth and they should come forward to be Entrepreneurs and contribute towards wealth generation and create employment opportunities.



Brochure of the event and screenshots during the programme

Talk on Spatial Distribution of Household Earnings in Rural and Urban India

A talk on the “Spatial Distribution of Household Earnings in Rural and Urban India” by Department of Commerce of Post Graduate Government College for Girls Sector 11, Chandigarh was organized on **12th June, 2020** at 11:00 AM. Approximately 100 students participated in this talk. An alumnus of Delhi School of Economics and Pennsylvania State University, S Chandrasekhar is Professor, at Indira Gandhi Institute of Development Research, Mumbai. He has been awarded the Mahalanobis Memorial Medal 2016, by The Indian Econometric Society, for outstanding contributions to the field of quantitative economics. He has worked extensively on the issue of urbanization and internal migration India. He coordinated the research initiative "Strengthen and Harmonize Research and Action on Migration in the Indian Context" (SHRAMIC). In addition to migration, urbanization and labour market outcomes, his recent work focuses on earnings and income inequality in India. This talk has laid out the evidence base for the ongoing policy discourse on well-being of households at the national and sub-national level. The talk was based on the analysis of data from the recent Periodic Labour Force Survey (PLFS). The focus of ongoing discussion was on the extent to which the Indian labour market is unorganized and the impact of COVID-19 lockdown.



E-Brochure of the event