Fr.Conceicao Rodrigues College of Engineering

Report on Session: Master's Funding Opportunities in Europe

Date :28/02/24
Time: 9.45-10.45am
No.of participants:120

1. Introduction

The session on **Master's Funding Opportunities in Europe** aimed to provide the third year students from AI&DS,Computer and Mechanical branch with comprehensive information about various financial aid options available for postgraduate students wishing to pursue Master's degrees in Europe. The event was conducted by Dr.Ashok Kanthe who discussed various funding opportunities ranging from scholarships, grants, and fellowships to low-interest loans, as well as tips on application processes and eligibility criteria.

2. Overview of Master's Programs in Europe

Europe has long been a popular destination for international students seeking to further their education at the graduate level. With a wide variety of programs offered in diverse disciplines across leading universities, the continent attracts thousands of students annually. However, the cost of education remains a key barrier for many prospective students. The session highlighted the importance of finding financial support to pursue higher education and provided an overview of the wide array of funding options that are available.

3. Types of Funding Opportunities

The session detailed the main types of funding that students can access when considering a Master's degree in Europe:

a) Government-funded Scholarships

Many European governments offer scholarships to international students to study in their countries. These scholarships are often merit-based or need-based, and can cover partial or full tuition fees, accommodation, and other living expenses. Some notable government-funded scholarships discussed include:

- **Erasmus Mundus**: A joint initiative by the European Union that funds joint Master's degree programs across multiple countries in Europe.
- **DAAD Scholarships**: Funded by the German government, DAAD offers a variety of scholarships for international students pursuing postgraduate education in Germany.
- **Chevening Scholarships**: A prestigious UK government scholarship program offering full funding for Master's programs at selected universities in the United Kingdom.

b) University-Specific Scholarships

Many European universities provide scholarships directly to international students, based on either merit or financial need. These can be highly competitive and may be linked to specific departments or faculties. Some examples discussed include:

- **University of Amsterdam's International Master's Scholarships**
- **ETH Zurich Excellence Scholarship & Opportunity Programme**
- **Leiden University Excellence Scholarship Program**

c) Private and Non-Governmental Scholarships

Several non-governmental organizations, foundations, and corporations provide funding opportunities for international students. These scholarships are often based on academic excellence, financial need, or specific demographic criteria. Some of the prominent ones include:

- **The Fulbright Program**: Offers U.S. citizens funding to study abroad and vice versa, focusing on educational exchange.
- **The Rotary Peace Fellowships**: Provided by Rotary International for postgraduate study in peace and conflict resolution.
- **The Open Society Foundations Scholarships**: Supports students pursuing higher education in various fields of social sciences and humanities.

d) European Union (EU) Grants and Fellowships

In addition to Erasmus Mundus, the European Union funds various grants and fellowships aimed at encouraging mobility across Europe. The Horizon Europe program, for instance, provides research funding for postgraduate students focusing on innovation and research.

e) Loans and Financial Assistance

While scholarships and grants remain the primary funding source, many students rely on student loans, which may come with favorable terms for international students studying in Europe. Some programs, such as the **EIB (European Investment Bank) Student Loan** scheme, offer low-interest loans for postgraduate education.

4. Key Tips for Securing Funding

The session also provided helpful advice for applicants aiming to secure funding for their Master's studies:

- **Early Planning**: Many scholarships and funding programs have long application processes, and deadlines may be several months or even a year in advance of the course start date. Planning early and applying for multiple scholarships increases the chances of success.

- **Strong Application Materials**: A well-crafted application, including an outstanding Statement of Purpose, recommendation letters, and a detailed CV, plays a crucial role in securing funding. Ensuring that all eligibility criteria are met and that all documents are submitted accurately is essential.
- **Research**: Understanding the specific requirements of each scholarship and funding program is crucial. Some may be discipline-specific, while others are based on nationality or academic background.
- **Networking**: Attending informational webinars, forums, and speaking with current students or alumni who have successfully secured funding can provide valuable insights and increase the likelihood of success.

5. Challenges in Securing Funding

While there are numerous funding opportunities in Europe, competition can be fierce. Common challenges faced by students in securing funding include:

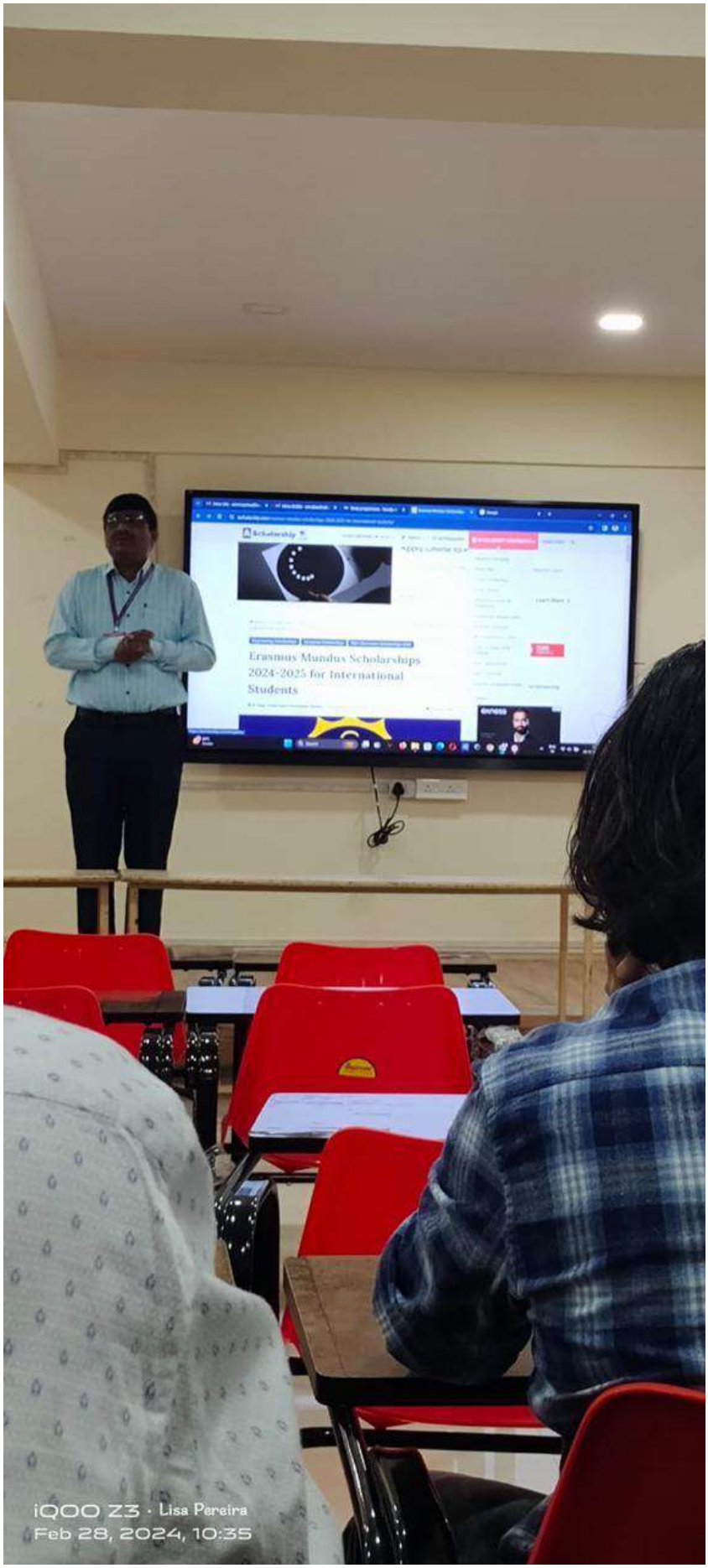
- **Overwhelming Application Process**: With the variety of funding options available, the application process can be time-consuming and complicated.
- **High Competition**: Scholarships, especially those with full funding, are often highly competitive, with numerous applicants vying for limited spots.
- **Language Barriers**: Some scholarships require proficiency in a specific language, which may be a challenge for non-native speakers.
- **Financial Gaps**: Even with scholarships, students may face gaps in funding for additional living expenses or travel costs.

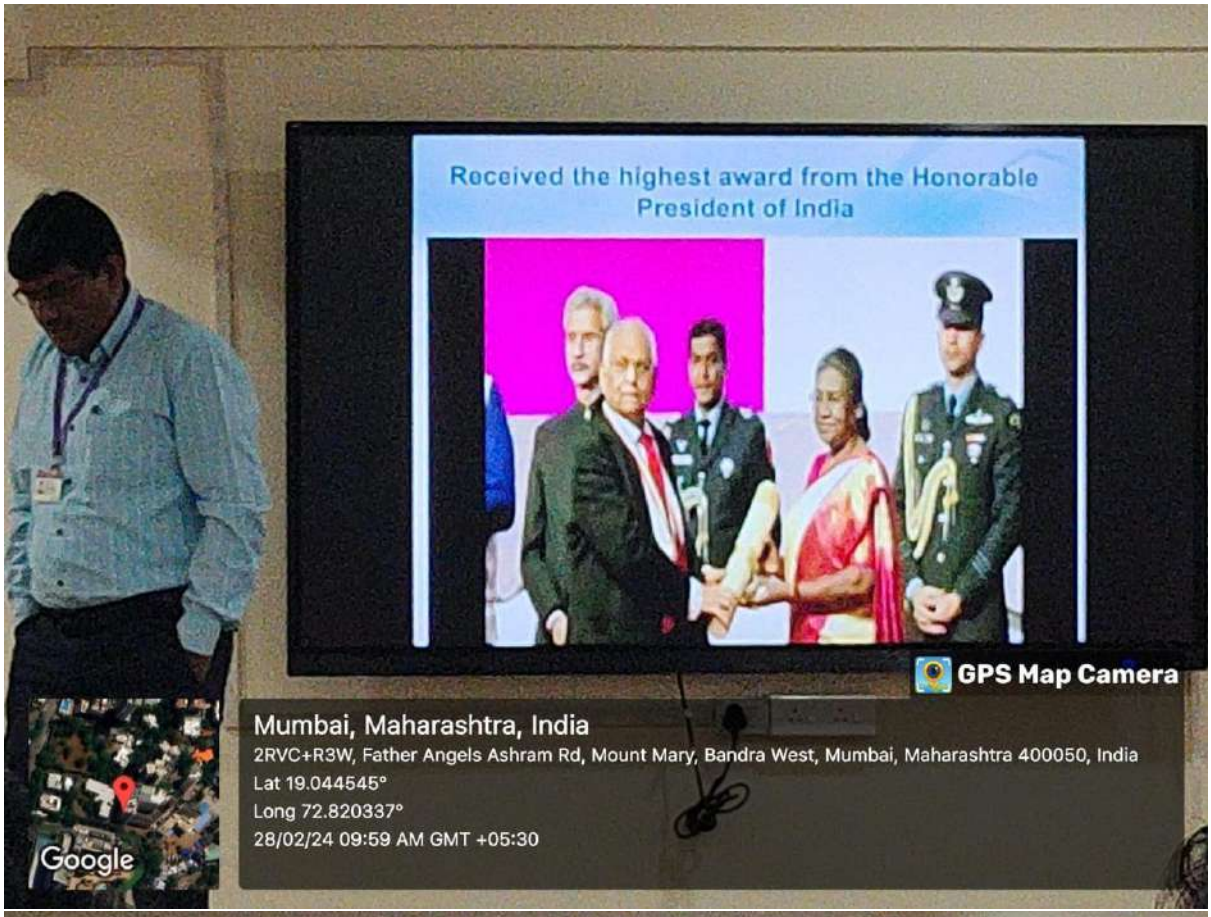
6.**Conclusion**

The session on Master's funding opportunities in Europe offered valuable insights into the many financial support avenues available to international students. While pursuing postgraduate studies in Europe can be expensive, numerous scholarships, grants, and fellowships can significantly reduce financial barriers. Prospective students are encouraged to carefully research and apply for multiple funding options, while ensuring they meet all eligibility criteria and submit

strong applications.

Submitted by
Mrs.Garima Tripathi
Asst.Professor
AI&DS Dept


Erasmus Mundus Scholarships
2024-2025 for International
Students
iQOO Z3 · Lisa Pereira
Feb 28, 2024, 10:35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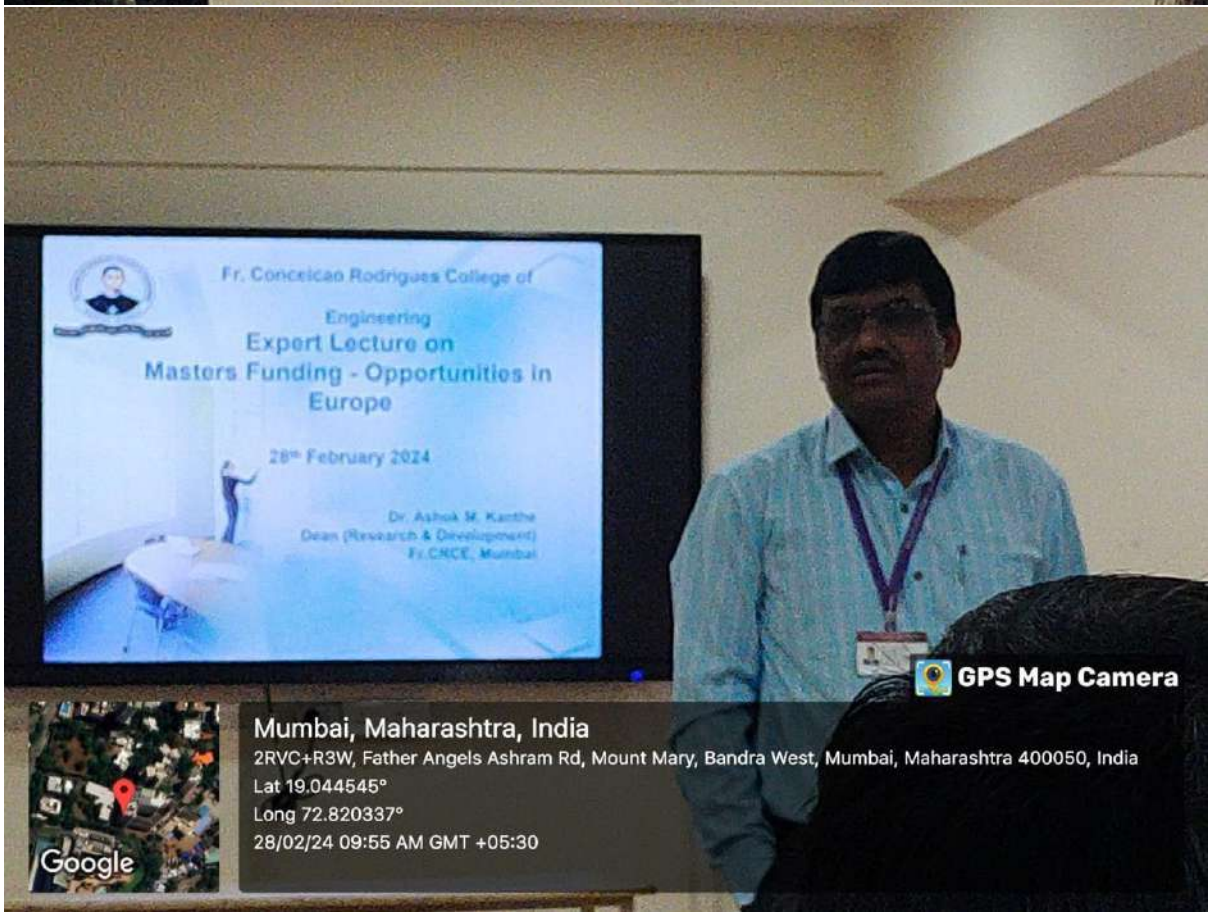
Fr. Conceicao Rodrigues College of Engineering
Expert Lecture on
Masters Funding - Opportunities in Europe
28th February 2024
Dr. Ashok M. Kanthe
Dean (Research & Development)
Fr.CRCE, Mumbai
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Report of Workshop on

Intellectual Property Rights and IP Management for Startup

Speaker: Dr. Bhushan Patil (Professor & HOD, Mechanical Engg,Fr.CRCE)
Date and Time: 7/03/2024 9:30 to 11:00 am
Organised by: Department of Mechanical Engineering and IPR/R&D Cell of Fr. CRCE in association with Institute Innovation Council IIC-Fr.CRCE
Number of Participants: 44 (40 Students + 4 Faculty)
Mode of Session: Offline (Classroom 406)

Objective of Program

Objective of the program was to encouraging and inspiring students for innovations and development of Intellectual property by introducing them to the IPR and IP management and leveraging their potential for startups.

Contents of the Program

Dr. Ketaki Joshi (IPR Cell-convenor) welcomed all the participants and explained them the objectives of IPR cell at Fr. CRCE. She briefed the objectives of the session and welcomed the respected speaker Dr. Bhushan Patil (Professor and HOD, Mechanical Engineering).

Dr. Bhushan Patil began his session with introduction to intellectual property and intellectual property rights followed by different types of intellectual properties like Copyright, Patents, Trademarks, designs, geographical indications, semiconductor IC layouts, trade secrets, plant varieties etc. All the types were explained in detail with examples and student activities. Following it the speakers explained the process of filing a patent and the conditions required for it. The speakers also elaborated the objectives of national IPR policy, IP infringement and remedies with illustrative examples. The participants also received the information about the role of IP office authorities and the documentation format and content expected by them.

Furthermore, he explained the initiatives taken by Cell for IPR Promotion and Management (CIPAM), Department of Industrial Policy and Promotion, Government of India to to create public awareness about economic, social and cultural benefits of IPRs among all sections of the society and benefits offered to startups by the government to file various forms of IPRs along with the do's and don'ts for IP generation and management for startups.

The session received a very good participation from students and the students interacted proactively with the speaker to resolve their various queries related to IP generation and management, innovation and novelty required for an idea to be worth patentable.

Dr. Ketaki Joshi concluded the workshop with a vote of thanks to the speaker and participants and encouraged the students for filing patents and copyrights based on the outcomes of their projects work.

The program was successful in developing an understanding among the participants about the subject matter.

Outcomes

After attending session, the participants became aware of various types of IPRs and their validity. They also learnt the process of filing patents, requisites for IPR and IP infringement and remedies. They were also made aware of initiatives by the government to encourage innovations in startups and support them for IP generation and management.

Dr Ketaki Joshi

Assistant Professor (Mechanical Engineering) and IPR Cell (Convenor)

Fr. Conceicao Rodrigues College of Engineering, Bandra

FR.CONCEICAO RODRIGUES COLLEGE OF ENGINEERING

Date: 5th August 2023

Faculty Patent Development Program

The IPR cell and R&D cell of CRCE in association with IIC organized a Faculty Patent Development Program (FPDP) from 31 st July 2023 to 4 th August 2023 in online mode for one hour daily.

The Faculty Patent Development Program (FPDP) was conducted by Technetreon Innovation Academy. Following is the list of participants who attended the program:

Sr.no	Name	Designation
1.	Dr.Surendra Singh Rathod	Professor
2.	Dr.Ashok Kante	Associate Professor
3.	Dr.B.S.Daga	Associate Professor
4.	Mrs.Merly Thomas	Associate Professor
5.	Mrs.Kalpana Deroukar	Assistant Professor
6.	Mrs.Garima Tripathi	Assistant Professor
7.	Mrs.Dipali Koshti	Assistant Professor
8	Mrs.Sangeeta Parshiokar	Assistant Professor
9.	Mrs. Prachi Patil	Assistant Professor
10.	Mrs.Binsy Joseph	Assistant Professor
11.	Mrs.Prajakta Bhangale	Assistant Professor
12.	Mrs.Sarika Davare	Assistant Professor
13.	Mr.Saurabh Kulkarni	Assistant Professor
14.	Dr.Vijay Shelke	Assistant Professsor
15.	Mrs.Jagruti Nagoankar	Assistant Professsor
16.	Mrs.Monali Shetty	Assistant Professsor
17.	Mrs.Roshni Padate	Assistant Professsor
18.	Dr.Sapna Prabhu	Professor
19.	Dr.Sunil Yadav	Assistant Professor
20.	Ms.Heena Pendheri	Assistant Professor
21.	Mrs.Archana Lopez	Assistant Professor
22.	Mr.Unik Lokhande	Assistant Professor
23.	Mrs.Swapnali Makadey	Assistant Professor
24.	Mr.Prasad Lalit	Assistant Professor
25.	Mr.V.B.Rao	Assistant Professor
26.	Mrs.Gauree Jagusthe	Assistant Professor
27.	Mrs.Ankita Amburle	Assistant Professor
28.	Ms.Dipali Bhise	Assistant Professor
29.	Dr.Ketaki Joshi	Assistant Professor
30.	Dr.Sunil Das	Associate Professor
31.	Mr.Vaibhav Godbole	Assistant Professor
32.	Mrs.Prachi Dalvi	Assistant Professor

33.	Mrs.Prajakta Dhamanskar	Assistant Professor
34.	Dr.Sujata Deshmukh	Professor
35.	Mrs.Sushma Nagdeto	Assistant Professor
36.	Dr.Sujata Deshmukh	Professor
37.	Mrs.Aastha Bhatia	Assistant Professor
38.	Mrs.Shilpa Patil	Assistant Professor
39.	Dr. Hemant Khanolkar	Associate Professor
40.	Mrs.Roshni Padate	Assistant Professor

Brief Summary:

Day 1 started with introduction to patents, different kinds of patents with illustration .The participants were briefed how faculty members can on the first day of the program move their innovative ideas from the laboratory to the marketplace. An assignment on Idea search for three sample industries was given on the first day of the program. Also test for module 1 was floated on the same day.

CAMP LAYOUT

DAYS	OBJECTIVE	REMARKS
DAY 1	Introduction to Patents	
DAY 2	Prior art Research	Indian Patent Office & Google Patents
DAY 3	Non-Patented Literature & Claims	Team Brainstorming Session
DAY 4	Patent Filling Process/ Costs	
DAY 5	Evaluation for Research Report	Team Brainstorming Session
POST EVALUATON	2 Weeks Exclusive Invention Session	Objective: Building/patenting a new invention

Day 2 started by briefing the audience about the different patent platforms like Google Patents , Indian Patent Office, Espacement Patent Search. How search can be made on these platforms and their benefits were discussed. The different parts of the patent was discussed and terms like abstract, background were illustrated for patents. Assignment related to module 2 was given on patent writing.

Day 3 started off by discussing how to ideate and how claims of the invention can be made .Creative thinking and its significance was discussed. An assignment was given on three industries and how ideas can be developed for them. Assignment 3 for a sample industry was to be taken up by the participants.

Day 4 started with the cost analysis of patent filing ,timeline of patents .The legal know how related to the patents were mentioned.Three articles on patents were given to the participants and they were required to do the cost analysis for the same.

During day 5 patents in daily life were discussed and what are the different patent strategies for invention were discussed. A final assignment was given on the same and an online test was conducted on the same day.On the successful completion of the course ,certificates were granted to the participants.

Submitted by :

Mrs.Garima Tripathi

IPR Incharge

Fr.C.R.C.E

SHORT DURATION INDUSTRIAL VISIT REPORT

VENUE: VJTI-TBI, Mumbai Incubation Centre

DATE: 19th April 2024

TIME: 2.30pm to 5.00pm

Introduction:

On the afternoon of 19th April 2024, a visit to the Incubation Centre at Veermata Jijabai Technological Institute (VJTI-TBI) Mumbai, was organized as one of the activities of the Research and Development (R&D) Cell at Fr. Conceicao Rodrigues College of Engineering, Bandra (FR. CRCE). The visit aimed to provide students and faculty members with an immersive experience in exploring the innovation and entrepreneurial ecosystem facilitated by the centre.

Objectives:

- *To Gain an Overview of the Incubation Centre: The primary objective of the visit is to acquire a comprehensive understanding of the Incubation Centre at VJTI, Mumbai. This includes familiarizing ourselves with the facilities, resources, and support services provided by the Incubation Centre to budding entrepreneurs and startups.*
- *To Explore Various Startup and Entrepreneurship Projects: Another key objective is to explore the diverse range of startup and entrepreneurship projects housed within the Incubation Centre. This involves learning about the innovative ideas, products, and services being developed by the startups, as well as understanding their journey from inception to execution.*
- *To Interact with Different Stakeholders: The visit aims to provide an opportunity for interaction with various stakeholders associated with the Incubation Centre. This includes entrepreneurs, mentors, industry experts, and other key personnel who play a role in supporting and nurturing the startup ecosystem. Through these interactions, participants can gain practical insights, exchange ideas, and establish valuable connections.*

Activities:

- ***Introduction to Incubation Center**: The visit commenced with an introduction to the Incubation Center by the center's coordinator. The participants were briefed about the objectives, facilities, and support services provided by the center to budding entrepreneurs and innovators.*
- ***Talk on Invention to Innovation:** The highlight of the visit was a stimulating talk delivered by Dr. Seema Mathew and Dr. Anita Divwakar, two esteemed teachers from VJTI. The talk*

focused on the transition from invention to innovation and the crucial role played by academia in nurturing an innovation ecosystem.

Key Insights from the Talk:

Conceptual Clarity: The speakers emphasized the distinction between invention and innovation, highlighting that while invention refers to the creation of new ideas or technologies, innovation involves the successful implementation and commercialization of these ideas to create value.

Academic Intervention: The teachers underscored the importance of academic institutions in fostering a culture of innovation by providing a conducive environment for research and experimentation. They emphasized the need for collaboration between academia, industry, and government to facilitate the translation of research into real-world applications.

Entrepreneurial Mindset: Dr. Seema Mathew and Dr. Anita Divwakar shared insights into cultivating an entrepreneurial mindset among students, encouraging them to think creatively, take risks, and embrace failure as a learning opportunity. They emphasized the role of mentorship and experiential learning in nurturing the entrepreneurial spirit.

Ecosystem Support: The speakers highlighted the significance of incubation centers in providing comprehensive support to startups, including mentorship, funding, infrastructure, and networking opportunities. They stressed the need for continuous support throughout the innovation lifecycle, from ideation to commercialization.

- ***Tour of Facilities:*** *A guided tour was conducted to familiarize the visitors with the various facilities available at the Incubation Center. This included co-working spaces, prototyping labs, mentoring rooms, and networking zones. The state-of-the-art infrastructure provided a conducive environment for ideation and experimentation.*

- ***Interaction with Incubatees****: The participants had the opportunity to interact with current incubatees, who showcased their innovative projects and shared their entrepreneurial journey. This interactive session provided valuable insights into the challenges faced by start-ups and the support mechanisms offered by the Incubation Centre.*

Participant Statistics:

- Total Number of Visitors: 54 (41 students, 13 faculty members across all departments)
- Student Composition: The visit attracted a significant participation from students, with 41 individuals representing various academic disciplines and backgrounds.
- Faculty Representation: Additionally, 13 faculty members from different departments of the institution participated in the visit, reflecting the interdisciplinary nature of the Incubation Centre's appeal.

Outcomes:

The visit provided insights into the operations of the Incubation Centre and showcased various start-ups focusing on Clean-tech, Energy, IoT, Cloud Computing, and Cyber Security of Smart & Critical Infrastructure.

Participants gained an understanding of how the Incubation Centre fosters an environment conducive to innovation and entrepreneurship in these thematic areas. They witnessed first-hand the collaborative efforts between the Incubation Centre, academia, industry, and government to create a conducive environment for building scalable and sustainable businesses. They learned about the resources and support services available to start-ups, enabling them to overcome challenges and accelerate their growth trajectory.

The visit highlighted the training infrastructure provided by the Incubation Centre to fill existing knowledge gaps in start-ups..

Participants learned about the collaborative efforts between the Incubation Centre and various stakeholders, including government, academia, corporate, and industries, at both national and international levels. They gained insights into sustainable models of engagement aimed at fostering synergies and mutual benefit among all stakeholders involved in entrepreneurial endeavours.

Overall, the visit contributed significantly to achieving the stated objectives by providing participants with practical insights, networking opportunities, and inspiration to support and nurture start-ups in thematic areas related to Clean-tech, Energy, IoT, Cloud Computing, and Cyber Security of Smart & Critical Infrastructure.


WELCOME
INVENTION VS INNOVATION
SHOT ON MI 10I


SIEMENS
Smart Grid Lab


Connected Grids:
Secure, Adaptive and
Sustainable Grids
Improve Efficiency
Strengthen Resiliency
Increase Productivity

Participants List:

List of Faculty:

Sr. No	Faculty members
1.	Dr. A. M. Kanthe
2.	Prof. Kalpana Deorukhkar
3.	Prof. Garima Tripathi
4.	Prof. Sangeeta Parshonikar
5.	Prof. Dipali Koshti
6.	Prof. Kranti Wagle
7.	Prof. Swati Ringe
8.	Prof. Vaibhav Godbole
9.	Prof. Ankita Amburle
10.	Dr. Vijay Shelake
11.	Prof. Swapnali Makade
12.	Prof. Roshni Padate
13.	Prof. Ashwini Pansare

List of Students:

Sr. No	Roll No	Name	Branch
1.	10031	Bhavika Sanjay Pawar	SE Mechanical
2.	10420	Pratham Kabade	SE Mechanical
3.	10005	Suraj Bandekar	SE Mechanical
4.	10012	Nethan Dias	SE Mechanical
5.	10010	Silvan Anil Dabreo	SE Mechanical
6.	9674	Kushal Abhay Patil	TE Mechanical
7.	9786	Omkar Kadam	TE Mechanical
8.	9779	Dmello Basil	TE Mechanical
9.	9684	Arya Anant Singarwadi	TE Mechanical
10.	9502	Saaqib Shaikh	TE ECS
11.	9514	Roshan B Thomas	TE ECS

12.	9494	Kaustubh Patankar	TE ECS
13.	9759	Abdullah Siddiqui	TE ECS
14.	9484	Khan Sharique Sharif	TE ECS
15.	10055	Cyril Stafford Giri	SE AIDS
16.	10039	Aishwarya Sreejith	SE AIDS
17.	10049	Juvana Dsouza	SE AIDS
18.	10064	Carol Lobo	SE AIDS
19.	10059	Mohammed Tufail Hyderabadwala	SE AIDS
20.	10058	Krushang Nilesh Harsora	SE AIDS
21.	10077	Anushka Patil	SE AIDS
22.	9698	Lance Correia	TE AIDS
23.	9712	Punit	TE AIDS
24.	9886	Joshua Dmello	SE Comps
25.	9879	Jayden Colaco	SE Comps
26.	9990	Mokshada Rane	SE Comps
27.	9989	Mohika Rajesh Rane	SE Comps
28.	9988	Vinisha Rajpurkar	SE Comps
29.	9917	Joyvin Mendonca	SE Comps
30.	9980	Aashish Mhaske	SE Comps
31.	9629	Nishant Sunil Patil	TE Comps
32.	9616	Soham Anand Ladgaonkar	TE Comps
33.	9627	Janvi Naik	TE Comps
34.	9618	Jenny William Lopes	TE Comps
35.	9605	Rahul Gandla	TE Comps
36.	9608	Rudalph Gonsalves	TE Comps
37.	9543	Madhav Jha	TE Comps
38.	9538	Pearl Dsouza	TE Comps
39.	9570	Sumit Sanjay Rai	TE Comps
40.	9566	Sanat Patil	TE Comps
41.	9564	Vedant Manish Pathare	TE Comps

Fr. CRCE e-mail

ashok kanthe <ashok.kanthe@fragnel.edu.in>

Incubation Center/Lab visit at VITI, Mumbai

Anita Diwakar <ceo@vjti-tbi.in> Thu, Apr 18, 2024 at 2:34 PM
To: ashok kanthe <ashok.kanthe@fragnel.edu.in>
Cc: Faruk Kazi <fskazi@el.vjti.ac.in>, Principal CRCE <principal.crce@fragnel.edu.in>, Ketaki Joshi CRCE <ketaki.joshi@fragnel.edu.in>, "Dr.Seema Mathew" <catalyst@vjti-tbi.in>, Nilesh Jadhav <incubation@vjti-tbi.in>

Dear Prof.Ashok Kanthe Sir,

Greetings from VJTI-TBI!
Thank you for your interest in the work we are carrying out at VJTI-TBI!
We will make the arrangements for the visit of the 40 students and 10 faculty members from your institute as per the schedule below:

Day: Friday
Date: 19th April 2024
Time: 2:30 PM to 4:00 PM

Schedule
1. Presentation About VJTI-TBI
2. Interaction with the students and faculty about the Startup Ecosystem
3. Visit to Research Labs

Objectives of the visit : The objectives of this exposure visit are:
- To provide an overview of the Incubation Centre and different Start-up & Entrepreneurship projects under the same.
- To provide an opportunity to interact with the different stakeholders and gain practical insights from them.

Hope we are able to achieve these objectives of the visit and provide fruitful interactions.

Please share the names of the faculty and students who would visit so that we can instruct the Security regarding the same . Also they all should come with their Identity Cards so that things are easy at the entry!

As per your request we will arrange for the interaction of the faculty members with our PI and Coordinator Dr.Faruk Kazi Sir depending on his availability tomorrow.

How to reach - Please enter the VJTI Main Gate located on the H.R.Mahajani Marg, Matunga (East), Mumbai.
I will share the Google Maps location on Whatsapp! Please let me know if you need anything else from our side.

Please stay safe and take care!
Thanks and regards
anita
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Contact: 9870061907