



THE OXFORD
COLLEGE OF ENGINEERING
BENGALURU, INDIA



INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of Education Initiative)

Children's Education Society ®
THE OXFORD COLLEGE OF ENGINEERING
Hosur Road, Bommanahalli, Bengaluru-560 068
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Technical talk on the occasion of National Innovation day “A webinar on Innovation and Start-up Opportunities”



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Hosur Road, Bommanahalli, Bengaluru-560068



**Institutions Innovation Council Celebrating
National Innovation Day
Organizing**

**A WEBINAR ON INNOVATION AND
START-UP OPPORTUNITIES**

**In association with IIC and IEEE
on 20-10-2022**

patron

Dr. N. Kannan
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Engineering



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by

Dr. Anupama Thakur
Postdoctoral Research Associate,
Purdue School of Engineering and Technology, IUPUI, USA

Dr. B. Srilatha

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Engineering

Dr Saravana Kumar

IIC innovation Council member
The Oxford College
of Engineering

The Oxford College of Engineering, Bengaluru, Institution Innovation Council in association with IEEE organized a "Webinar on **Innovation and Start-up Opportunities**" on the occasion of "**NATIONAL INNOVATION DAY**" on 20th October 2022, by Dr. Anupama Thakur, Research Associate, National Science Foundation (NSF), Purdue School of Engineering and Technology, IUPUI, USA. The event was organized in hybrid mode. Some participants attended through online meeting link and some attended through live telecasting in seminar hall.

The resource person Dr. Anupama Thakur is currently working as a postdoctoral research associate funded by National Science Foundation (NSF) and Department of Energy (DoE) at Purdue School of Engineering and Technology at Indiana University-Purdue University Indianapolis (IUPUI), USA. She is also an early career research fellow at the Indian Institute of Technology, Gandhinagar, Gujarat, India. She completed a Ph.D. as a DST-INSPIRE Research fellow at AcSIR, CSIR-CSIO (National Research and Development Laboratory) Chandigarh, India in August 2021. She earned a gold medal in Master of Technology (M.Tech in Nanoscience and Nanotechnology from the Panjab University, Chandigarh, India in 2016. She has also earned a gold medal in Bachelor of Technology (B. Tech) in Electronics & Communication Engineering from Akal College of Engineering & Technology, Eternal University, Baru-Sahib, India in 2014. She is a well-established young nanotechnologist in the field of advanced nanomaterials & materials science for a variety of applications including materials for clean hydrogen energy generation, carbon capture and utilization, chemical sensors, photo/electrocatalysis, extreme environment, and actuators. She has published more than 32 international high-impact publications, 05 patents (filed), 12 book chapters, more than 20 conference papers, and delivered >60 oral talks. She has attained >700 citations to her published research contributions.

Selected Honors and Awards

1. Young Engineer Award-2022 in Metallurgical and Material Engineering from The Institution of Engineers, India (IEI)
2. Technologist of the Year-2022 award from Institute of Electronics and Electrical Engineers (IEEE)
3. Best Ph.D. Thesis Award-2022 from ISEES, IIT Kanpur
4. BRICS-Young Scientist Award: Russia Conclave-2020
5. India Synthesis Award-2020 from Anton Paar, India
6. National academic excellence at Indo-Global Education Summit from Govt. of India, 2013

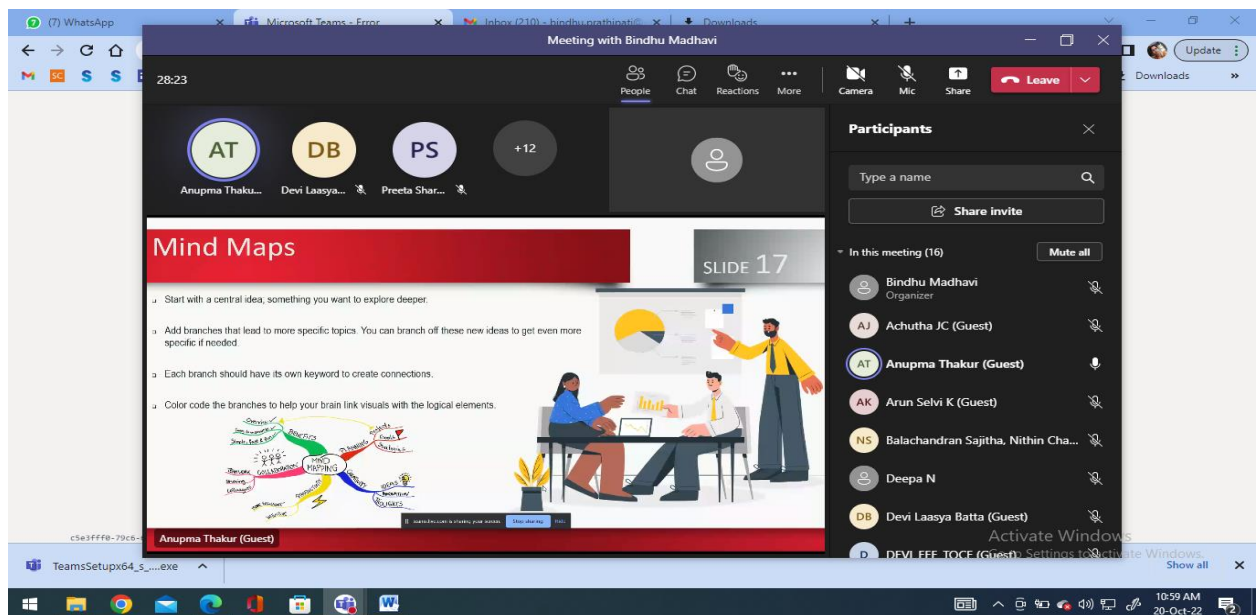
Objectives of the Event:

- To motivate and educate the participants about the different innovation and start-ups for deriving the innovative ideas.
- to motivate the students and share awareness regarding Entrepreneurship, Innovation and the startup process.
- To motivate and educate the participants about the Start-up of deriving the innovative ideas.
- In detailed explanation about the Innovative eco systems and how to create innovative Eco systems.

- What are elements in innovative Eco systems?
- What the start-up schemes are available in government of India.
- In detailed explanation about start-up incubators in India.

The resource person started the presentation with the detailed about the Entrepreneur/Start-up of deriving the innovative ideas. She explained that the innovation means developing a new idea in coloration with the team members, identifying the need of customer. She further added that the sincere observation always helps in identifying the problems in the society. Students were trained by giving some coding exercises, frequently asked in technical rounds. The session was great and motivates the students.

Around 75 students along with faculty members attended the meeting. The session was very useful and encouraging for the students.



Meeting with Bindhu Madhavi

31:29

People Chat Reactions More

Camera Mic Share Leave

Participants

Type a name

Share invite

In this meeting (16)

Mute all

Bindhu Madhavi Organizer

AJ Achutha JC (Guest)

AT Anupma Thakur (Guest)

AK Arun Selvi K (Guest)

NS Balachandran Sajitha, Nithin Cha...

Bandakshari U

DB Devi Laasya Batta (Guest)

DEVI LEE TOCE (Guest)

Key Skills

SLIDE 21

- Communication
- Confidence
- Ability to keep calm under pressure
- Logical thinking
- Creativity

How do you improve your skills?

- ☐ online courses: focus on soft managerial skills/ problem-solving
- ☐ practice maintaining a peaceful state of mind,
- ☐ look into stress relief techniques such as meditation, self-care, etc.

Anupma Thakur (Guest)

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Meeting with Bindhu Madhavi

33:39

People Chat Reactions More

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Bindhu Madhavi Organizer

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AK Arun Selvi K (Guest)

NS Balachandran Sajitha, Nithin Cha...

Bandakshari U

DB Devi Laasya Batta (Guest)

DEVI LEE TOCE (Guest)

Assessing your skills!

SLIDE 23

Personal Effectiveness

An assessment of your skills will help you to recognize and capitalize on your strengths.

Be willing, enthusiastic and motivated to seek answers.

Be creative and innovative in your approach to research.

Be open-minded and flexible in your thinking (ready to accept the unexpected).

Plan long-term projects.

Achieve sequential and overlapping short-term goals.

Predict potential issues in project plans and develop alternative solutions.

Self-reflect and identify personal, cultural or emotional influences which may impede critical thinking.

Please select one option for each statement		
Excellent	Average	Needs development
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
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ACTIVITY ZONE

Anupma Thakur (Guest)

20 items

Meeting with Bindhu Madhavi

42:17

People Chat Reactions More

Camera Mic Share Leave

Participants

Type a name

Share invite

In this meeting (28)

Mute all

Bindhu Madhavi Organizer

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Bandakshari U

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DEVI LEE TOCE (Guest)

Elements of Startup Ecosystem

SLIDE 28

The elements of a startup ecosystem are not centrally controlled, but they are interconnected. This means that the players in the ecosystem are connected and mutually dependent on each other.

Investors

Problems and Ideas

Entrepreneurs

Infrastructure

Network

Capital

People

Anupma Thakur (Guest)

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Outcomes of the Event:

The Participants are able to

- Familiarize the information regarding the Successful Entrepreneur/Start-up founder to derive the solution.
- Understand the Start-up of deriving the innovative ideas.
- Know the detailed explanation about the Innovative eco systems and how to create innovative Eco systems.
- Understand the elements in innovative Eco systems
- Know the start-up schemes are available in government of India.
- Understand the detailed explanation about start-up incubators in India.
- Educated the students about need of motivate for take grant from IIC, and SSIP cell in the current situation.

Webinar Attendance:

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