

SRI SAIRAM COLLEGE OF ENGINEERING, ANEKAL
Anekal Bengaluru



DEPARTMENT OF MECHANICAL ENGINEERING



A Report

On

5 Days Faculty Development Program

"Innovation & Entrepreneurship"

Organised by

Forge, Fort – Hosur

In Association with

All India Council for Technical Education

Participated by

Mr. Rajesh V,

Assistant Professor,

Department of Mechanical Engg.



Date: - 02.04.2025

A REPORT ON

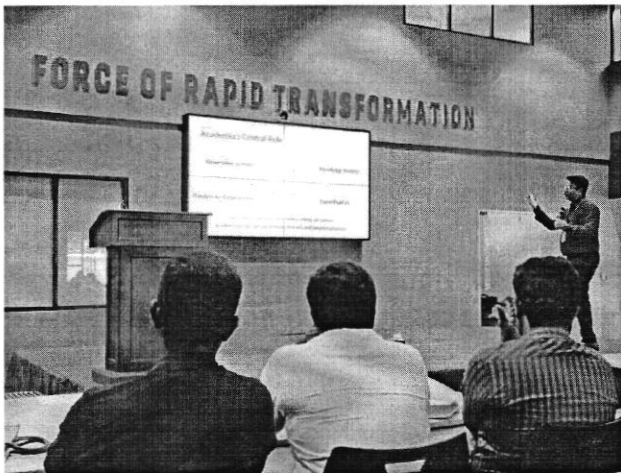
5 Days Faculty Development Program on “Innovation & Entrepreneurship”

Day - 1 - 25.03.2025 - Tuesday. Topic - Innovation - First Mindset & Challenge Discovery

Session - 1 - Why and How Innovation & Entrepreneurship in Academia?

This session was handled by Mr. Deepak N, Program Manager & Innovation Specialist, Fort - Forge Hosur. In this session he explained about role importance of academia in creating entrepreneurs through the following points

- Why innovation & Entrepreneurship and how to address the grand challenge, economic development, talent retention?
- How innovation drives economic growth and societal impact with some example?
- How the academia bridges the gap between research and commercialization?
- Fostering product innovation by Curriculum Refinement, Research Commercializing, Entrepreneurial Support, Industry Partnership.
- Measuring the Impact with Start-ups, Patent Filled, Fund Raising and also about Future Innovation Driven Model.



Session - 2 - Lean Innovation & Agile Product Development

The Session Handled by Raja Sekar - CEO, Raana Semiconductors Pvt. Ltd, Hosur In this session he explain about on the following points

- About the manufacturing process, Success story of Semiconductor Manufacturing Company
- Touched about the Product Link Incentives Scheme
- Clustered way approach in manufacturing company.
- Conduct Vendor development program
- Develop the core competency & Outsource the company





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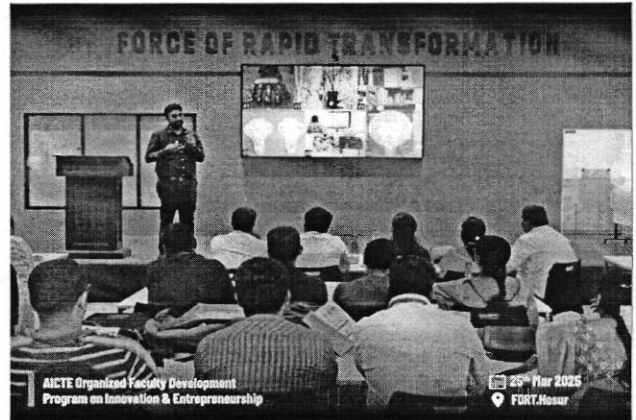


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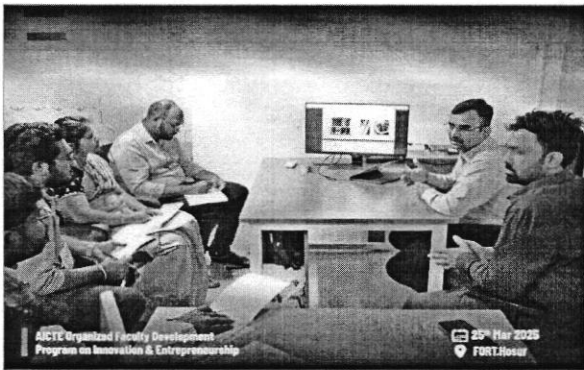
Session – 3 – Challenge Curation & Problem Worth Solving?

This session was handled by Mr. Karthik das, Forge Innovation- Fort, Hosur. He gave insight about the following points

- Learnt the art Identifying High Impact Industry Challenges with definition, needs, want and who.
- Explained about the problem first approach for adopting the problems and needs in the society
- Do's & Don't for the problem by using 5 why.



Session – 4 – Problem Validation & Customer & Discovery



In this session, The team are allowed to discuss the discuss the real world use cases with Mr. Sunil Kalyan, Process Head, Gabriel India Limited, Hosur manufacturers of suspension & fork. As they are facing some problem in the manual inspection method (200 Defect PPM) that explained by them and they were expecting us to give the solution with accuracy of 99.99% defect identification system.

Session – 5 – Financial Modelling for Product Venture

The session was handled by Mr. Rohit, Jhunhunwala, Partner at IN44 Capitals, he gave a presentation on the following points

- Deep in sight about the financial Landscape for the product ventures.
- Gained the knowledge on the Stage of the company, MVP stages, Non Dilute, Equity Company, types of Business Model, KPA, Tool To develop business plan.
- Also gave the insight on Cost structures, Revenue models, Investor expectation for converting promising technologies into business.





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Session - 6 - Lab Tour & Industrial Prototyping at FORT.

The day - 1 ended with Lab Tour & Industrial Prototyping to showcase the facilities available in the FORT, Hosur for the digital fabrication, rapid prototyping, industrial automation , R & D.





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Day - 2 - 26.03.2025 - Wednesday. Topic - Value Proposition & product Startegy

Session - 1 - Great idea Pitch

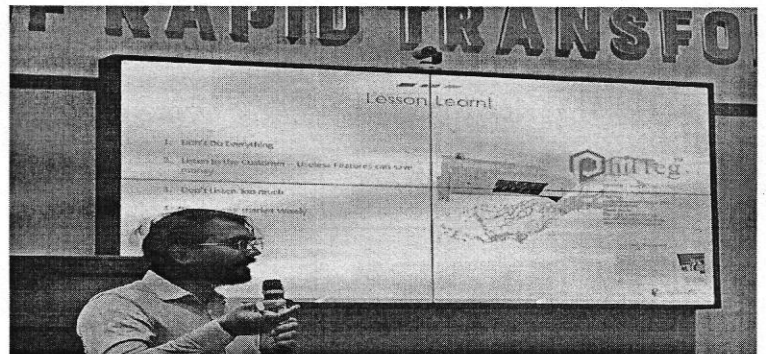
The day 2 resumed with recalling of yesterday session and pitching of the problem statement discussed with company person in front of all the teams.



Session - 2 - Technology Entrepreneurship

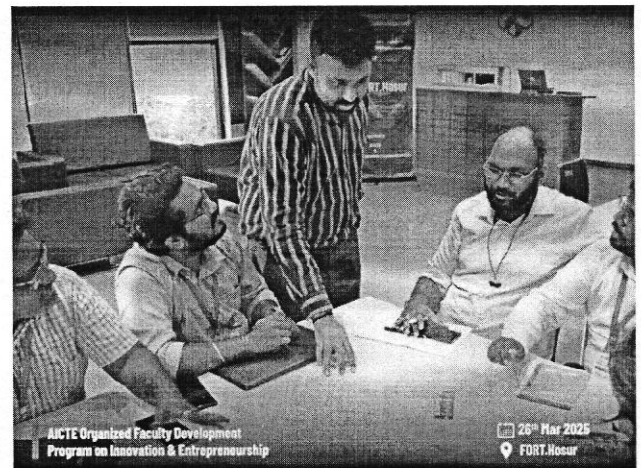
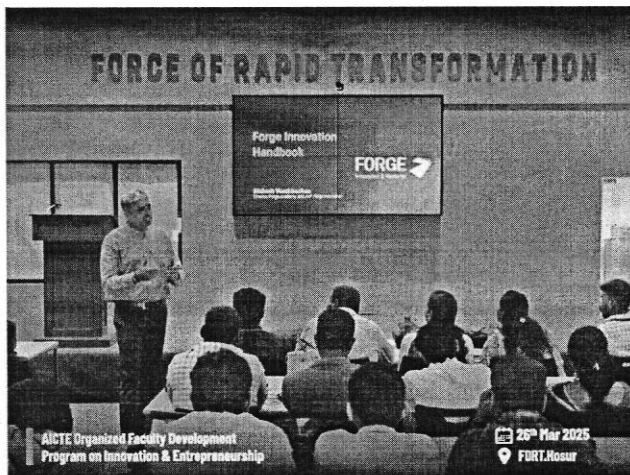
The session was handled by Mr. Akilesh Joseph Michael P, Founder of Chatting Birds Pvt Ltd, he gave a presentation on the following points

- Understanding the problem fit
- Validate before building
- Focus on the MVP
- Stay user centric
- Never forget the scalability without loosing focus.



Session - 3 - Forge Innovation Handbook Workshop

- This session was handled by Dr. Mahesh Veezhinathan - Director, Forge Academia & Asst. Vice President - Forge.
- In this session he explained about the different canvas model like Forge Innovation Rubrics, Product Innovation Hypothesis and Problem Validation and Customer discovery.
- The team are allowed to do hands on experience on the above canvas model with the problem statements they received from the company by considering the forge members as a customers.





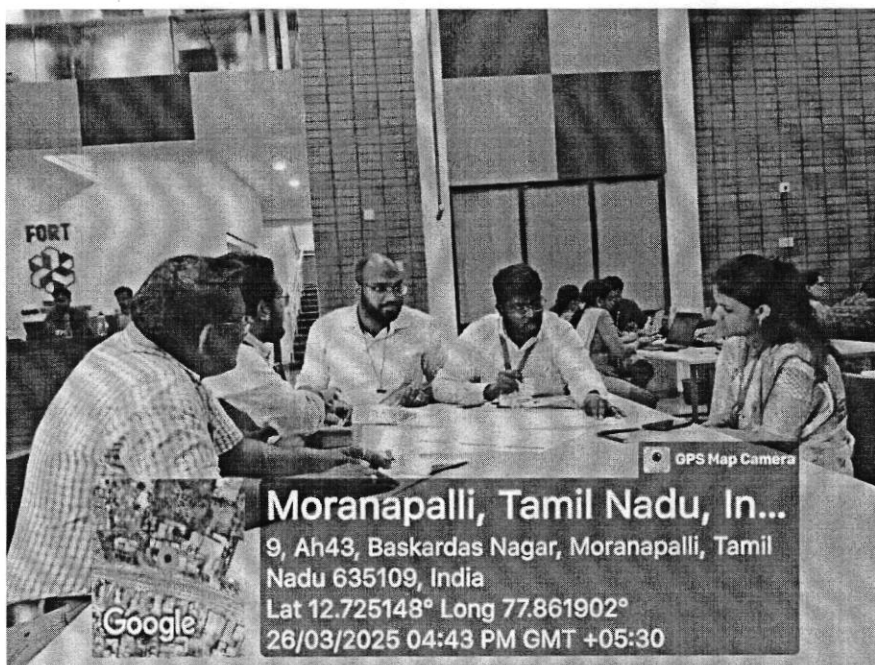
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Session - 4 - Value Proposition & Solution Alignment:

- This session was also handled by Dr. Mahesh Veezhinathan – Director, Forge Academia & Asst. Vice President – Forge.
- In this session he explained about the different canvas model like Value proposition, Canvas & Value Proposition Canvas Activity Guide.
- After the explanation team are allowed to do hands on session with same problem statement given.
- Team were informed to prepare one slide presentation about their problem statement and value proposition.





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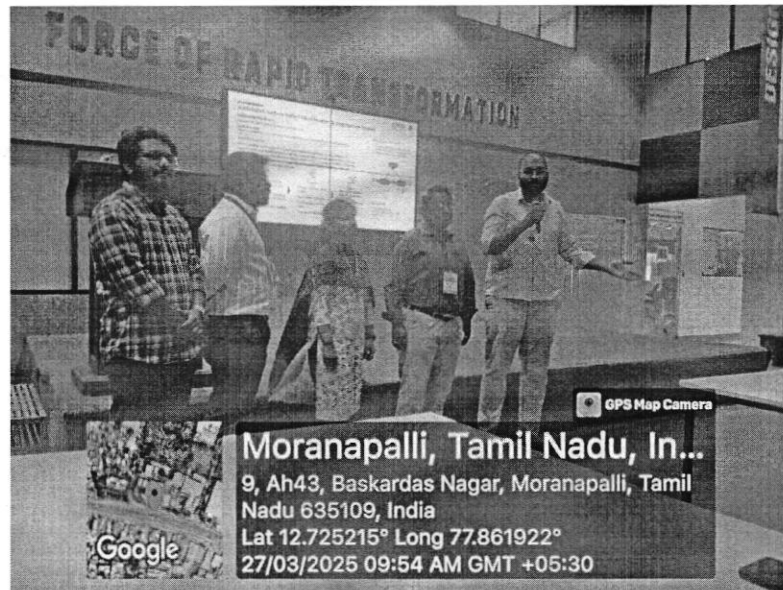


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Day - 3 - 27.03.2025 - Thursday. Topic - Business Model Engineering & Productization.

Session - 1 - Great idea Pitch

The day - 3 session was started with pitch presentation of value proposition for the problem statement given by the company.

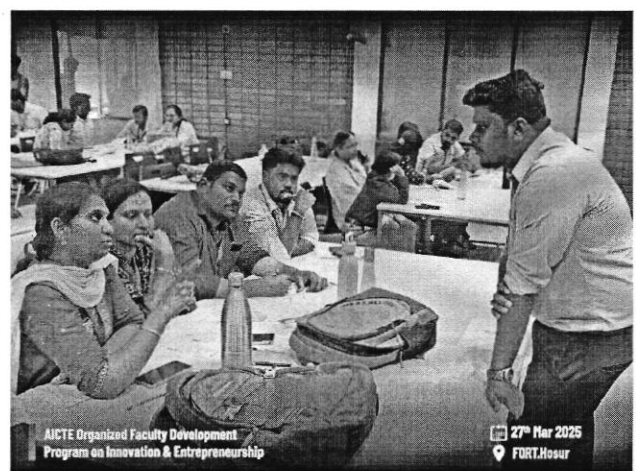
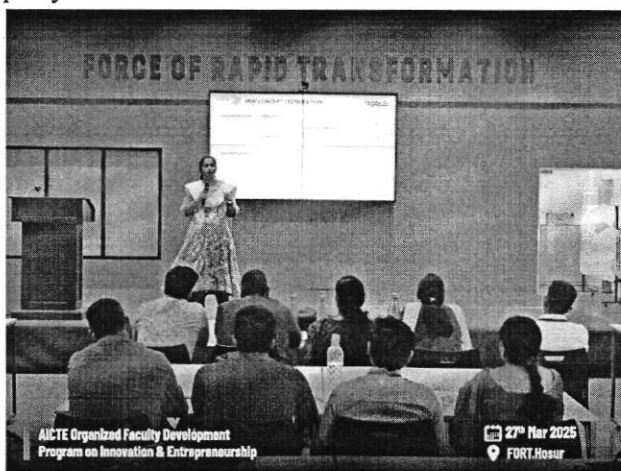


Session - 2 & 3 - Entrepreneurial Mindset & Workshop on MUP Concept Generation

The full session was handled by Dr. B.L.Lakshmi Meera, Head Forge Innovation, Fort, Hosur. The resource person started the day -3 with 3 activity to make the participants understand about the entrepreneurial mindset. She discussed about the following points in the presentation.

- As entrepreneur how he / she has to cultivate the innovation
- Explained about the entrepreneurial think and managerial thinking.
- How to solve the problem for impact driven into success.

Followed by she took the session on MUP Concept generation. After the session, team were allowed to do hands on session on MUP canvas model with the problem statement given by the company.





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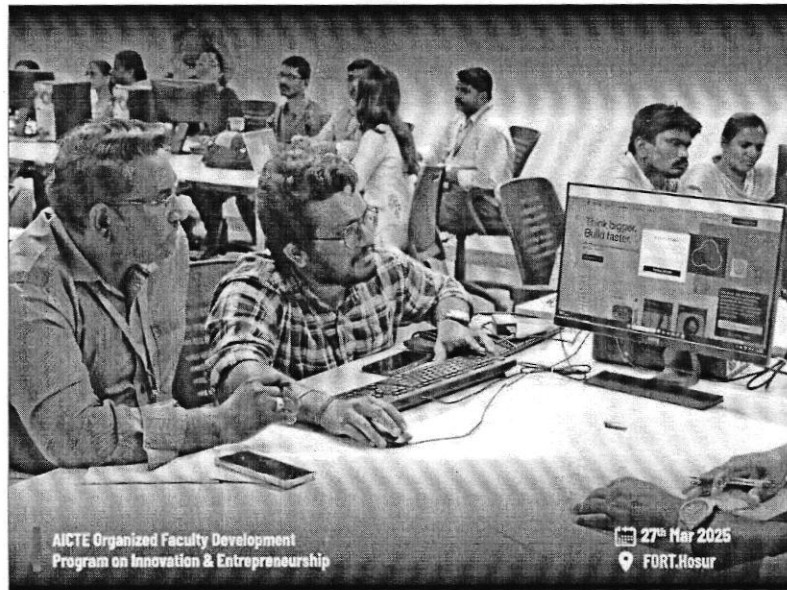
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Session - 4 Industrial Prototyping & MVP Development:

This session was handled Mr. Atheesvaran, Program Associate Forge Fort, Hosur, In this he gave deep insight and hand on session about the Figma Software which is used to test mobile application.



Session -5 - CEO Talk:

Mr. Karthick Raja, CEO, Loyal Wingman Tech gave deep knowledge on journey to idea from scale, highlighted about the industrial innovation and product to market fit and effective scaling strategies.





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Day - 4 - 28.03.2025 - Friday. Topic - Market Access & IP Strategy.

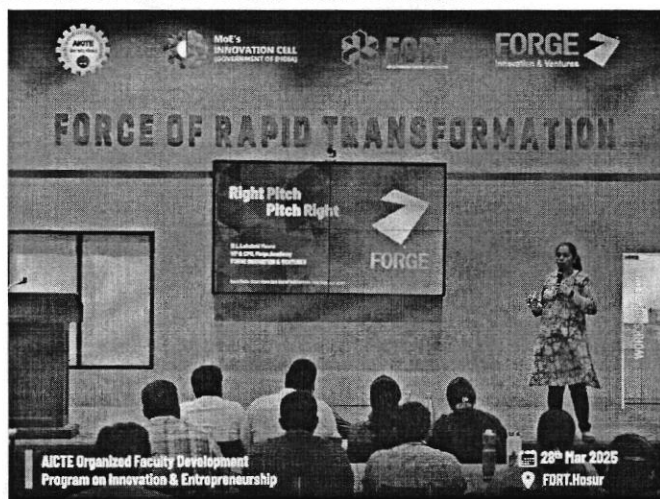
The forenoon session was fully handled by Dr. B.L.Lakshmi Meera, Head Forge Innovation, Fort, Hosur.

The day - 4 started with the recall and summarise of the previous day session.

Session - 1 - Pitch Right & Right Pitch.

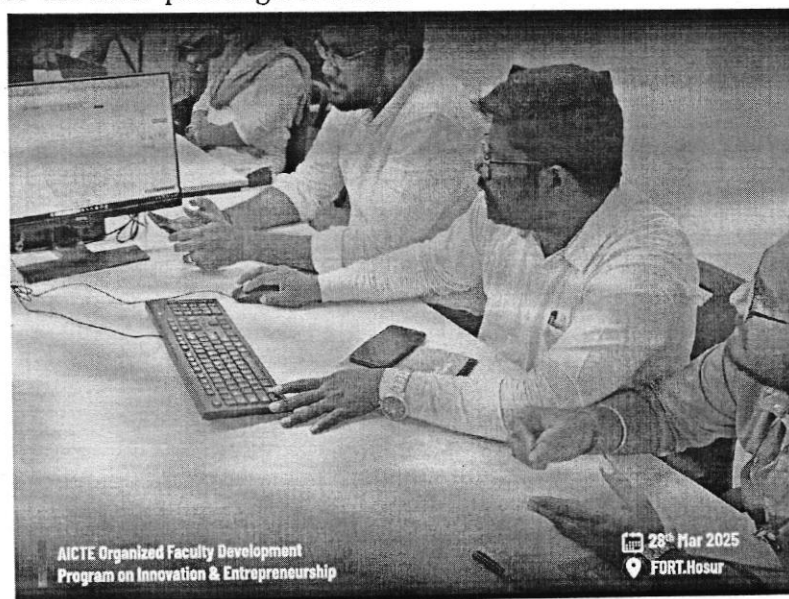
In the session she highlighted about the how to prepare the presentation for pitching your business idea to investor and company persons with following points.

- Prepare yourself, Plan the objective, Between the slides there should a connection
- What should there in the pitch (About Large market, Customer validation, Competitive Advantages, Value proposition, Scalability, Team)
- Pitch with the given time to grab the investor attention, make them to understand about your business and believe them.
- Evaluation criteria of the investors and evaluators.



Session- 2 - Hands on Training in FabLab

In the Session the forge members they gave the maker case software which is used to design the components for the laser printing machines.





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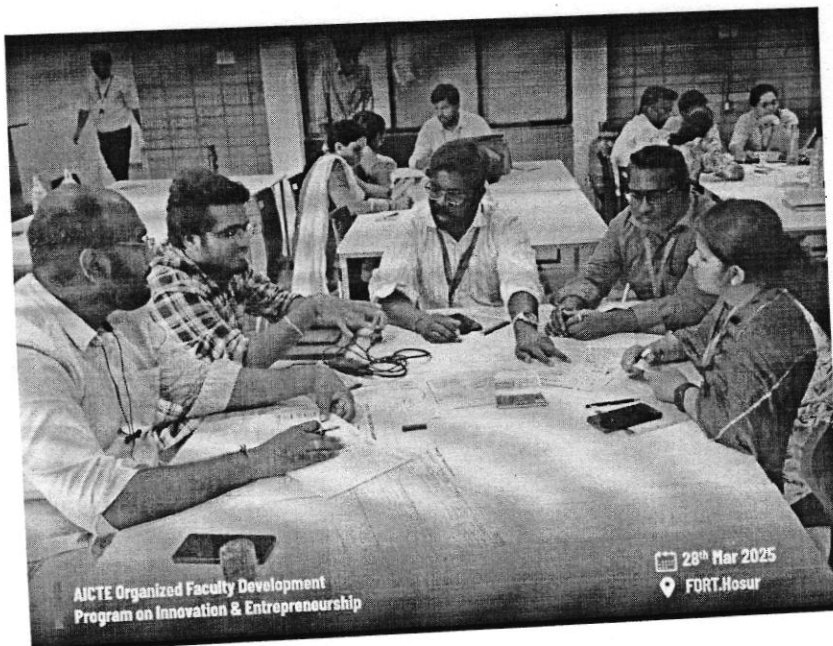
Session – 3 - Intellectual Property & Competitive Edge:

The session was handled by Dr. Siva Subramanian, Head of Innovation & IPR, Tanishq, Hosur. In the session he gave valuable insight about the intellectual property, IPR, Trade Marks, Copyright, Geographical Indication with some case study. The session complete with the short test.



Session – 4 – Go to Market Execution.

This session was handled by Dr. B.L.Lakshmi Meera, Head Forge Innovation, Fort, Hosur. She gave insight about how to analyse the market and also about the venture. At the end of the day – 4 after the session team were allowed to discuss and prepare for tomorrow final pitching.



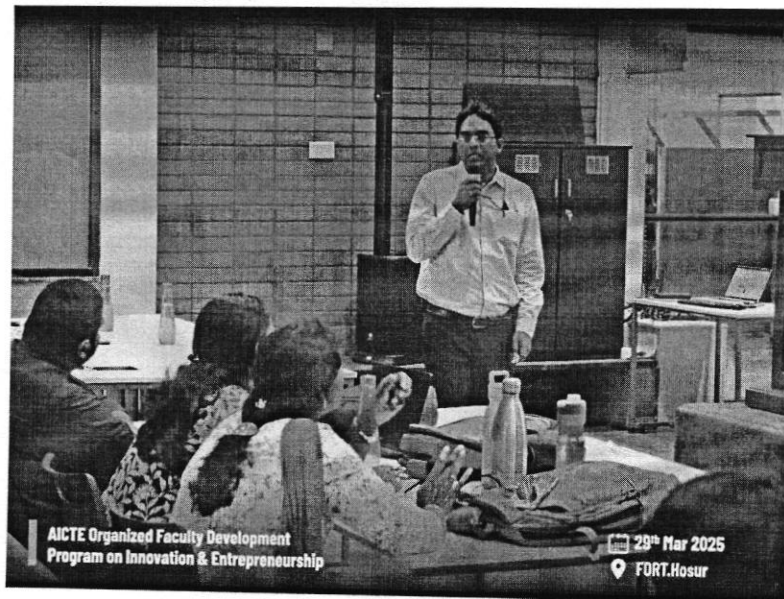


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Day - 4 - 28.03.2025 - Friday. Topic - Product Leadership & Future Roadmap.

Session - 1 - Innovation Educators Roadmap - KRAs & KPIs for Impact

Dr. Elangovan, Assistant Innovation Director, MIC -AICTE delivered powerful session on the strategic role of faculty in fostering innovation driven education. He shared insights on institutional frame work, policy interventions and best practices for embedding innovation in higher education.



Session -2 - Pitch Refinement & Final Review.

Teams were allowed to refine their pitch presentation for the final review. After the lunch our team pitched our presentation in front of the jury members.





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After pitch presentation, grand jury and valedictory session was conducted to distribute the certificate for the participants. At last the 5 days Faculty development program on Innovation and Entrepreneurship was ended with national anthem.



[Handwritten Signature]
Event Participant

[Handwritten Signature]
4/14/25
HOD / Mech. Engg.

[Handwritten Signature]
04/04/2025



Faculty Development Program on Innovation and Entrepreneurship

Certificate of Participant

This Certificate is awarded to

Mr. V. RAJESH, SRI SAIRAM COLLEGE OF ENGINEERING

for participating in the Faculty Development Program on Innovation and Entrepreneurship,
held from 25th to 29th March 2025 at FORT.Hosur, organised by
All India Council for Technical Education (AICTE) and
Ministry of Education's Innovation Cell(MIC).

Prof. T. G. Sitharam

Chairman, AICTE
Ministry of Education, Govt. of India

Dr. Abhay Jere

Vice Chairman, AICTE & Chief Innovation Officer (CIO)
Ministry of Education, Govt. of India

Vish Sahasranamam

Co-founder & CEO,
Forge Innovation & Ventures

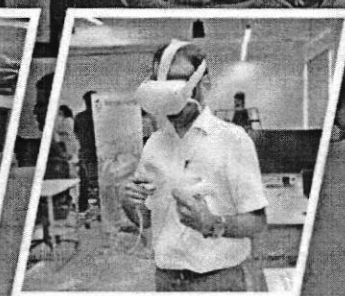


MoE's
INNOVATION CELL
(GOVERNMENT OF INDIA)



5-DAY FACULTY DEVELOPMENT PROGRAM ON INNOVATION AND ENTREPRENEURSHIP

25th – 29th March 2025 FORT.Hosur



INDUSTRY INTERACTIONS & HANDS-ON LEARNING

**IF STUDENTS HAVE TO BECOME INNOVATORS AND ENTREPRENEURS,
THEN EDUCATORS HAVE TO BE ENTREPRENEURIAL.**

The AICTE-sponsored FDP in Innovation & Entrepreneurship is a 5-day intensive competency development program designed for faculty members in engineering and technical education. This program equips educators with essential skills in ideation, innovation, prototyping, business model generation, market validation, and entrepreneurship to mentor students in developing real-world solutions.

WHAT YOU WILL GAIN

- Expertise in Design Thinking & Innovation Frameworks
- Hands-on experience in Rapid Prototyping Tools & Techniques
- Insights into Market Validation & Business Model Development
- Real-time case studies in Product Management & Go-to-Market Strategies
- Certificate of Participation from AICTE MIC & Forge
- Follow-on mentorship to ensure successful certification and skill advancement

KEY PROGRAM MODULES

- Innovation & Evidence-Based Entrepreneurship
- Design Thinking & Ideation Workshop
- Prototyping Tools & Techniques
- Customer Discovery & Business Model Development
- Innovation Centric Learning Models
- High-Value Pitching



SCAN FOR
REGISTRATION

Last date to apply
15th Mar, 2025

**ONLY PLAYERS
CAN BECOME COACHES**

FORT.Hosur Welcomes you to Faculty Development Program (FDP) on Innovation & Entrepreneurship

1 message

Atheesvaran G <atheesvaran.g@forge-iv.co>

Wed, Mar 19, 2025 at 9:55 PM

To: rajeshv.mech@sairamce.edu.in

Cc: Suneela VS <saisuneela.vs@forge-iv.co>, Deepak N <deepak.n@forge-iv.co>, Lakshmi Meera <meera@forge-iv.co>

Hello Professor,

Congratulations on being selected and nominated for the AICTE Sponsored Faculty Development Program (FDP).

We at **FORT.Hosur** are excited to welcome you to the cohort for the Faculty Development Program (FDP) Program delivered by Forge as part of the new initiative by AICTE, MoE's Innovation Cell (GoI).

We welcome you to the world of Innovation & Entrepreneurship.

The program is intense, exhausting yet exhilarating, and for some even transformational.

Our Team wishes to provide you with the best learning experience in these 5 days. Hence we seek your engrossed and unbroken participation from start to end of the program.

(We request your participation to be 200% and make the best use of the program)

It is a very special program delivered by us, for you and we are excited to share it with each one of you. To make it more contextual, we request you to complete this **pre-program survey** - Link.

INDULGE | EXHILARATE | TRANSFORM in this 5-DAY program@FORT.Hosur

Program Schedule: 9:00 AM - 25.3.2025 (Tuesday)

Program Venue: FORT.Hosur

Join our WhatsApp Group : FDP on Innovation & Entrepreneurship @ FORT.Hosur (AICTE-sponsored)

[KIND ATTN: Participant are requested to carry their laptops and not miss any session during the 5 days]

For queries feel free to contact

Deepak : 8015024957 or Suneela : 9345965018

We are looking forward to meeting you.

Regards,



Atheesvaran G
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www.forgeforward.in

