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Associate Professor, School of CSE

Prof. Pallavi Biradar
Assistant Professor, School of CSE

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REVA
UNIVERSITY

Bengaluru, India

**AICTE Training and Learning
(ATAL) Academy Sponsored**

Six-day FDP on

**Igniting Innovation
Through Design Thinking &
Entrepreneurship for Educator**

19th to 24th August, 2024



**Organised by
Computer Science & Engineering**



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Charitable Trust

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About REVA University

REVA University is a State Private University established in Karnataka State under the Government of Karnataka Act No. 13 in the year 2012 in Bengaluru, the IT capital of India. REVA University, recognised by the University Grants Commission (UGC) and approved by the All India Council for Technical Education (AICTE), has an A+ grade from NAAC.

REVA University prides itself in contributing to every student's holistic development. The University currently offers 38 full-time undergraduate programmes, 33 full-time postgraduate programmes, 20 PhD programmes, and certification and diploma programmes. The University offers programmes in Engineering, Architecture, Science and Technology, Commerce, Management Studies, Law, Arts & Humanities, and Performing Arts. Courses are offered in Certificate/Diploma and Post Graduate Diploma too. REVA University facilitates research leading to a Doctoral Degree in all disciplines. The programmes offered by REVA University are well-planned and designed based on methodical analysis and research with emphasis on knowledge assimilation, practical applications, hands-on training, global and industrial relevance, and their social significance.

About the School

The School has a rich blend of experienced and committed faculty who are well-qualified in various aspects of computing and information technology apart from the numerous state-of-the-art digital classrooms and laboratories having modern computing equipment. The School offers two full-time undergraduate programs, B Tech in Computer Science and Engineering, B Tech in Artificial Intelligence and Data Science, B Tech in Computer Science and Engineering (Internet Of Things And Cyber Security Including Block Chain Technology) and Post graduate programs: M Tech in Computer Science and Engineering Full Time and Part-Time.

In addition, the school has a unique academic collaboration with the University of Alabama in Huntsville to jointly offer an MS program in Computer Science. In addition, the school has a research center in which students can conduct cutting-edge research leading to a Ph.D. degree. Curricula of both undergraduate and postgraduate programs have been designed through a collaboration of academic and industry experts to bridge the growing gap between industry and academia. This makes the

program highly practical-oriented, and thus industry-resilient. The B Tech program aims to create quality human resources to play leading roles in the contemporary, competitive industrial and corporate world. The masters' degrees focus on quality research and design in the core and application areas of computing to foster a sustainable world and to enhance the global quality of life by adopting enhanced design techniques and applications. This thought is reflected in the various courses offered in the masters' programs.

About the FDP

This Faculty Development Program is designed to help inspire, educate and enable individuals to realize their full potential and take the leap into entrepreneurship as a choice. This includes cultivating the entrepreneurial spirit in participants, learn how to offer support to start-ups and SMEs and setting them up for accelerated growth. Design innovation is a multifaceted concept that involves the creation and application of novel ideas, processes, and solutions within the realm of design to address challenges, improve functionality, and enhance user experiences. This FDP will encourage staff to try new ways of doing things, use new materials, and try new methods using Design Thinking concepts.

The objectives of the FDP

1. Prepares Participants with latest Design Thinking Teaching Concepts and Methods for Better Understanding of the Key Elements of Innovation & Entrepreneurship.
2. To foster Teamwork, encourage diverse perspectives & leverage the collective knowledge of group to generate critical thinking and to Develops problem-solving skills.
3. Demonstrates the Concepts of Design thinking to understand users, challenge assumptions, redefine problems and create innovative solutions to prototype and test.
4. This FDP will encourage Participants to try new ways of doing things, use new materials, and try new methods using Design Thinking concepts to make Education and Educators more purpose driven & Encourages interdisciplinary learning.

Outcome of the FDP

1. Participants will benefit from new thinking approaches, new ideas, and new opportunities to add value to their Teaching and Learning Process.
2. Educators can engage with students to solve problems together, tapping into their creativity and innovation skills.
3. This program equipped faculty members to reevaluate and redesign syllabus and teaching methods across different subjects the concepts of Design thinking can be applied in any area of education, from teaching and learning to assessment and curriculum development.

Who Can Participate ?

Researchers / Faculty members of Universities/Colleges/ Institutes are eligible to apply. The number of participants will be limited to 50 only.

Registration Details

The number of participants will be limited to 50 only.

Registration Fees: Free

Mode of Delivery: Offline

Participants can sign up & register for the program in AICTE-ATALwebsite.

Website Links: <https://www.aicte-india.org/atal>

or

<https://atalacademy.aicte-india.org/signup>

A test shall be conducted by coordinator at the end of the program. The certificate shall be issued to those participants who have attended the program with 100% attendance and scored minimum 80% mark in the test.

Contact

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FDP Session Schedule

Day 1	Day 2	Day 3	Day 4	Day 5	Day 6
9:00 – 9:30 Inauguration					
9:30AM – 12:00 Noon Session 1 1. Name of the Expert : Dr. Geetha Sanjay 2. Designation : Strategic Mentor for Startups 3. Organization: Wadhawani Foundation 4. Experience in Years: 24 5. Topic to be taught: <i>Demystifying Design Thinking for Educators</i>	9:30AM – 12:00 Noon Session 3 1. Name of the Expert : Mr. Vishal Nair 2. Designation : Co- Founder& Director LI,Entrepreneur Education, 3. Organization: Wadhawani Foundation 4. Experience in Years: 8 5. Topic to be taught: Ideation & Prototyping	9:30AM – 12:00 Noon Session 5 1. Name of the Expert Mr.Prakash Nimbalkar 2. Designation : Venture Partner , Startup Advisor 3. Organization: Wadhvani Foundations & NASSCOM 4. Experience in Years: 14 5. Topic to be taught: Understanding MVP & Business Model Canvas	9:30AM – 12:00 Noon Session 7 1. Name of the Expert : Mr.Dhanush 2. Designation : Regional Manager India - West 3. Organization: Wadhvani Foundation 4. Experience in Years: 8 5. Topic to be taught: Enterprise Design Thinking Framework & Methodology	9:30AM – 12:00 Noon Session 9 1. Name of the Expert : Ms.Pallavi Biradar 2. Designation : Assistant Professor 3. Organization: <i>REVA UNIVERSITY</i> 4. Experience in Years: 10 5. Topic to be taught: Transformational journey for guiding a new generation of entrepreneurs 12:00 Noon – 1:00 PM Article Summary	9:30AM – 12:00 Noon Session 10 1. Name of the Expert : Dr. Kirankumari Patil. 2. Designation : Professor,Dean UIIC 3. Organization: <i>REVA UNIVERSITY</i> 4. Experience in Years: 27 5. Topic to be taught: "Innovation Spotlight: Sharing Experiences with Bench marking Practices"
12:00 Noon – 1:00 PM Article Discussion 1. Title of the Research Paper : Supporting Teachers' Professional Development With Generative AI: The Effects on Higher Order Thinking and Self-Efficacy 2. Name of the journal: <i>IEEE TRANSACTIONS ON LEARNING TECHNOLOGIES, VOL. 17, 2024</i> 3. Year of Publication: 2024	12:00 Noon – 1:00 PM Article Discussion 1. Title of the Research Paper : <i>Input from User</i> 2. Name of the journal: <i>Input from User</i> 3. Year of Publication: <i>Input from User</i>	12:00 Noon – 1:00 PM Article Discussion 1. Title of the Research Paper : <i>Input from User</i> 2. Name of the journal: <i>Input from User</i> 3. Year of Publication: <i>Input from User</i>	12:00 Noon – 1:00 PM Article Discussion 1. Title of the Research Paper : <i>Input from User</i> 2. Name of the journal: <i>Input from User</i> 3. Year of Publication: <i>Input from User</i>		12:00 Noon – 1:00 PM Article Summary
1:00 PM– 2:00 PM Lunch	1:00 PM– 2:00 PM Lunch	1:00 PM– 2:00 PM Lunch	1:00 PM– 2:00 PM Lunch	1:00 PM– 2:00 PM Lunch	1:00 PM– 2:00 PM Lunch
2:00 PM – 4:30 PM Session 2 1. Name of the Expert : Dr.Suresha 2. Designation : <i>Deputy Director - Academics, iNurtureOrganization Intel Technology India Private Limited</i> 3. Experience in Years: 35+ 4. Topic to be taught: <i>Innovation and Design thinking warm up & Activities</i>	2:00 PM – 4:30 PM Session 4 1. Name of the Expert : Mr. Vishal Nair 2. Designation : Co- Founder& Director LI,Entrepreneur Education, 3. Organization: Wadhvani Foundation 4. Experience in Years: 8 5. Topic to be taught: Rapid prototyping Turning Ideas into Tangible Solutions	2:00 PM – 4:30 PM Session 6 1. Name of the Expert : Lt.Cdr.Ravi S (Retd) 2. Designation : Director -Finance 3. Organization: C37 Healthcare pvt.Ltd. 4. Experience in Years: 20 5. Topic to be taught: Visualization & story Telling Entrepreneurial Journey .	2:00 PM – 4:30 PM Session 8 1. Name of the Expert : Mr.GaneshRao, 2. Designation : Founder,CEO & CTO 3. Organization: Akversa Private Limited 4. Experience in Years: 3 5. Topic to be taught: Entrepreneurial Insights: A journey of Inspiration	Industrial visit 1. Name of the Organization: C37 healthCare Pvt.Ltd. ,Peenya Industries Association 2. Complete address with pincode : #B 236/a, 6 th cross, 1 st stage,Peenya, Bengaluru, Karnataka- 560058 3. Industry Type: SME 4. Area of specification : SME & Incubation	2:00 PM – 4:30 PM MCQ & Reflection Journal
4:30 PM – 5:30 PM Hands on training /Labs Name of the Expert : Ms.Pallavi Biradar <i>Case Study Discussion: Desi Hangover</i>	4:30 PM – 5:30 PM Hands on training /Labs Name of the Expert : Prof.Nikhil T <i>Case Study Discussion: Honey Twig</i>	4:30 PM – 5:30 PM Hands on training /Labs 1. Name of the Expert : <i>Prof. Shankar Rana</i> <i>Case Study Discussion: Inzipira r</i>	4:30 PM – 5:30 PM Hands on training /Labs Name of the Expert : Nikhil T <i>Case Study Discussion: Verloop</i>		4:30 PM – 5:30 PM Valedictory Session