

ABOUT THE INSTITUTION

Founded in 1981 by Vasavi Academy of Education, Vasavi College of Engineering (VCE) represents a rich tradition of excellence in technology-based education. A premier-league institution among the affiliates of Osmania University, VCE owes its vision to Sri Pendekanti Venkata Subbaiah, a veteran statesman of Independent India. VCE has been conferred with Autonomous Status by the University Grants Commission (UGC), New Delhi and Osmania University, Hyderabad for a period of six years with effect from the Academic Year 2014-15, for all the UG and PG Programmes. The College is implementing Choice Based Credit System (CBCS). Accredited by NAAC with A++ Grade.

ABOUT THE DEPARTMENT

Vision: To be a center for academic excellence in the field of Computer Science and Engineering education to enable graduates to be ethical and competent professionals.

Mission: To enable students to develop logic and problem solving approach that will help build their careers in the innovative field of computing and provide creative solutions for the benefit of society.

The Department of Computer Science & Engineering was started in the year 1994 offering a 4-Year B.E. course with an annual intake of 180 students and offers 2 year M.Tech .course with an annual intake of 12 students. The department has well qualified and experienced faculty. The students are placed through campus recruitment in reputed organizations like Microsoft, Accolite, Oracle, Pega Systems, Adtran, NCR, Deloitte, Qualcomm, Servicenow, Infosys, Cognizant etc. Osmania University has identified the Department as a Research Center. Two Professors in the department are recognized as research supervisors for guiding Ph.D. students. We also offer value added courses in the form of CISCO Local academy to meet the contemporary market demands. As apart of continuing education, the Department organizes various guest lectures, seminars, workshops and Conferences by inviting people from Academia & Industry.

Organizing Committee

Chief Patrons

Sri P. Ram Mohan Rao, President, VAE
Sri M. Krishna Murthy, Secretary, VAE

Patron

Sri P. Balaji, CEO, VCE

General Chair

Dr. S.V. Ramana, Principal, VCE

Convener

Dr. T. Adilakshmi
Professor & HOD
Department of CSE, VCE

Coordinators

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Members

Dr. D.Baswaraj, Professor
Dr. E.Shailaja , Associate Professor
Dr. V.Sireesha, Associate Professor
Dr.T.Jalaja, Assistant Professor
S.Vinay Kumar, Assistant Professor

Important Dates:

Last Date for submission: 16/08/2024
Date of FDP Approval : 17/08/2024

ONE WEEK NATIONAL LEVEL AICTE TRAINING AND LEARNING (ATAL) ACADEMY PROGRAM



Faculty Development Program

On

Design Thinking: Unleashing Creativity
in

Product Development

19th to 24rd August , 2024



Organized by

Department of Computer Science and
Engineering

VASAVI COLLEGE OF ENGINEERING
(AUTONOMOUS)

ACCREDITED BY NAAC WITH 'A++' GRADE

Website: www.vce.ac.in

About ATAL Academy

AICTE Training and Learning (ATAL) Academy is established with the vision “To empower faculty to achieve goals of Higher Education such as access, equity and quality”. AICTE is committed to the development of quality technical education in the country by initiating various schemes launched by Govt. of India, Ministry of Human Resource Development. Council understands that there is a need to train the young generation in the skill sector and have faculty & technicians be trained in their respective disciplines. Training is required to increase the knowledge and skills of students making them more employable to acquire global competencies.

About the FDP

This Faculty Development Program aims to impart knowledge about Design Thinking. Design Thinking is a human-centered approach to innovation and problem-solving used in faculty development. It involves understanding the needs of students and creating educational experiences that cater to those needs. The process typically includes five stages: empathize, define, ideate, prototype and test. Faculty members learn to apply these principles to enhance their teaching methodologies, making learning more engaging and effective. By adopting a Design Thinking mindset, educators can foster creativity, collaboration and innovation in their classrooms. It leads to improved learning outcomes and prepares students to tackle real world challenges. Design Thinking in education is not just about following a set of steps; it's about embracing a culture of experimentation and open-mindedness to create impactful learning experiences.

Objectives of FDP

- Provide participants with an understanding of the principles and concepts of design thinking. This includes exploring the design thinking framework, tools, and methodologies.
- Teach faculty members how to identify and understand problems effectively. This involves recognizing challenges by students, institutions, or educational processes.

- Motivate faculty to design solutions that address the needs of various stakeholders such as students, colleagues and the institution itself.
- Encourage a data-driven approach to learning and decision-making. Faculty should be able to analyze data to inform their teaching practices.
- Teach faculty how to ideate, create prototypes, and test their ideas. This hands-on experience helps them develop practical solutions.
- Enhance faculty members ability to organize and present information effectively. Visualizing data and concepts is crucial for engaging learners.

Major Course Contents

- From Brainstorm to Prototype: Building the future of Education with Tech and Design Thinking.
- Design Thinking for the Digital Age: Fostering Innovation and the Spirit of Entrepreneurship.
- Design Verification of Safety critical Systems.
- Design Thinking in Digital Twins.
- Design Innovation and Creation of Value: An approach based on Creativity based Design Process.
- Design and Development Sensing: A Design Thinking Approach
- Design Thinking : From Principles to Practice.
- Design thinking for product innovation.

Resource Persons

- Dr. Lalit Singh, Senior Scientist Head, Artificial Intelligence Application, NPCIL-BARC.
- Mr. Durga Prasad, Director-Experience Engineering, Innominds Software.
- Mrs. Neha Darshanam, Associate-Stakeholder, Ecosystem Engagement and Corporate Innovation, CIE-IIITH.
- Dr. Lakshmi Krishnaleela, Visiting Consultant, Medicover Fertility.
- Mrs. Vathsala Narasimman, Director-Delivery, Talent Sprint.
- Prof. Siba K. Udgata, School of Computer and Information Sciences, UOH.
- Mrs. Swathi Kota, Senior Management Consultant, PwC.

Location & Transport

The college is located 8 kms from Mehdiptnam (on the way to Gandipet) near Ibrahimbagh bus stop. BUS Route Nos. (from Mehdiptnam) : 220V, 6B, 505, 220J, 120M

Registration Information

- Registration must be through ATAL portal.
- No Registration Fee.
- Maximum no. of participants: 50
- First signup at <https://atalacademy.aicte-india.org/>
- After login, fill general details.
- Select the FDP from the link <https://atalacademy.aicte-india.org/participant/workshop>
- Any one Identity proof (JPEG File) and NOC from present organization (PDF file) need to be submitted by the participants.

Who should Attend

Assistant Professors/Associate Professor/Ph.D. Scholars/PG students from AICTE approved Institutions.

Mode of Delivery: Offline

Requirement to get Certificate:

Candidates would be eligible to receive a certificate up on achieving **at least 70% cumulated weightage in the following aspects in the weightage mentioned.**

- Attendance – minimum 80% attendance essential. 100 % attendance - (individual) - weightage 20%
- One assessment, - combination of MCQs/short answer type/reasoning based, etc. -(Individual) - weightage10%
- 2 Page Article Summary/per Team - (Team & Individual) -- weightage30%
- Output of practical sessions -(Individual)-weightage15 %
- Report/outcome of Industrial visit- (Team) at the last session -- weightage10%
- Reflection Journal - (Individual) - at the last session - weightage15%

Contact Details:

Co-Coordinator

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