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CEO, Vasavi Academy of Education

Convener

Dr. S.V. Ramana, Principal

Coordinator

Mr. B. Uma Mahesh Babu, Assistant Professor, Dept.of ECE,VCE(A), Hyd

Registration QR Code & Link:



<https://forms.gle/sLsirdQdiPY16dBR6>

Contact: Mr.B.Uma Mahesh Babu,9912616809

No Registration Fee

Venue

Ramanujan Block: R104 IT Lab

Time

For faculty members: 9.45 AM to 01.00 PM

For Students: 02.00 PM to 4.30 PM

Workshop

On

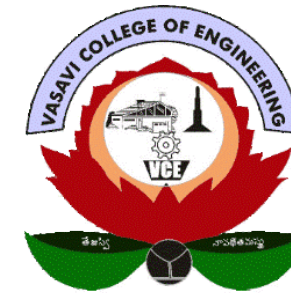
Exploring Stela 5.0:

AI teaching, Product

Design Insights and Collaborative Development
Strategies

October 16th 2024

Organised by



DEPARTMENT OF ELECTRONICS AND
COMMUNICATION ENGINEERING
VASAVI COLLEGE OF ENGINEERING
(Autonomous)

ACCREDITED BY NAAC WITH 'A++' GRADE
Sponsored by Vasavi Academy of Education(VAE)
Affiliated to Osmania University and Approved by AICTE
9-5-81, Ibrahimbagh, Hyderabad-500031(T.S), INDIA
www.vce.ac.in

ABOUT THE INSTITUTION

Vasavi College of Engineering Established in the year 1981 by Vasavi Academy of Education under the stewardship of Late Sri Pendekanti Venkata Subbaiah, a veteran statesman of independent India and by a few eminent people from different walks of life. Vasavi College of Engineering represents a rich tradition of excellence in technology-based education in a stimulating environment and is permanently approved by AICTE. Institute is accredited with A++ grade by NAAC in 2021. The college is situated at Ibrahimbagh, Hyderabad, which is 9 KM from Mehdiapatnam, enroute to Gandipet. In its three decades of existence, it has now grown with excellent and well-developed infrastructural facilities, offering 6 undergraduate programs, viz., B.E. in Civil, Mech., EEE, ECE, CSE and IT, and also five Postgraduate Programmes in CSE, MECH, EEE and ECE. The institution is conferred autonomous status by UGC in the year 2014. The facilities in the campus include a central library, workshops, science and engineering laboratories, centralized computational facility and departmental computer centers.

ABOUT THE DEPARTMENT

ECE Department is one of the departments which is functioning since the establishment of Vasavi College of Engineering in the year 1981. ECE department is reaccredited by NBA in the year 2017 for a period of 3 years and given one year extension up to 30th June 2021. The department has 13 labs out of which 4 are advanced. The laboratories include the Basic Circuits and Workshop Lab, Electronic Devices Lab, Analog Electronic Circuits Lab, Integrated Circuits Lab, Communication (Analog and Digital) Lab, Microwave Engineering Lab, Digital Signal Processing Lab, Microprocessor and Microcontrollers Lab. The advanced labs include VLSI Design Labs (equipped with Mentor Graphics Tools and Cadence Tools), Advanced Data Communications & Computer Network Lab established under CISCO Local Academy Program, and Communication Systems Simulation Lab equipped with latest equipment. The under graduate program of the department has a sanctioned intake of 180. The department is also offering two M.E Programmes with specializations in “Embedded systems & VLSI Design” with an intake of 12. The Department also has been undertaking sponsored research projects and consultancy.

About the Workshop and Its Objective

The aim of the STELA 5.0 AI workshop is to enhance the learning process by integrating diverse AI APIs for deep learning, machine learning techniques (regression, classification, clustering, etc.), and Python-based Image Processing on TensorFlow. It aims to create a scalable application that provides personalized learning experiences, combining theoretical knowledge with hands-on practical learning for faculty & students to acquire essential skills.

Areas to be covered

- Technology trends in digital education
- Challenges in AI, ML education
- Theory and practical applications
- Integration of AI APIs
- Personalized hands-on learning experience
- Smart learning platform with Flutter

Intended Participants

- Faculty of ECE, CSE and allied branches

Outcomes

After the successful completion of the workshop, the participants will acquire knowledge on

- Innovative digital education
- Solving challenges in AI education
- Enhance efficient skill development towards Product Development
- Improved personalized learning

Resource Person



**Dr. S. Ramanarayana Reddy, Professor & HOD – CSE,
Indira Gandhi Delhi Technical University for Women
(IGDTUW), Delhi.**