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CONVENOR

Dr. Shiv Kumar Goel
Head of Department, MCA

COMMITTEE MEMBERS

- Dr. Mona Deshmukh, Associate Professor
- Dr. Ramesh Solanki, Assistant Professor
- Dr. Ameya Parkar, Assistant Professor
- Mrs. Indira Bhattacharya, Assistant Professor
- Mrs. Ruchi Rautela, Assistant Professor
- Mr. Sunny Nahar, Assistant Professor
- Mrs. Monali Rajput, Assistant Professor

ORGANIZING COMMITTEE

Dr. Meenakshi Garg
Assistant Professor

Mrs. Vaishali Gatty
Assistant Professor

ELIGIBILITY TO ATTEND FDP

The faculty members of the AICTE approved institutions, research scholars, PG students, participants from Government, Industry (Bureaucrats/ Technicians/ Participants from Industry etc.) are eligible to attend the FDP.

CERTIFICATION

An e-Certificate will be provided to participants upon successful completion of the program.

REGISTRATION LINK

FDP Registration Link :

scan QR Code for Registration or

Click on the Link below

Link: <https://forms.gle/SqoKteK2z7m4ztR56>



For any queries feel free to mail at
meenakshi.garg@ves.ac.in, vaishali.gatty@ves.ac.in



VIVEKANAND EDUCATION SOCIETY'S INSTITUTE OF TECHNOLOGY

AUTONOMOUS INSTITUTE AFFILIATED TO UNIVERSITY OF MUMBAI

NAAC ACCREDITED "A" GRADE

Under the guidance of Internal Quality Assurance Cell (IQAC) In Association with
Institution's Innovation Council (IIC)

Department Of

Master of Computer Applications (MCA)

PRESENTS

ONE WEEK ONLINE

FACULTY DEVELOPMENT
WORKSHOP & INDUSTRIAL TRAINING
PROGRAM

ON

AI-DRIVEN NLP & LLMs FOR SUSTAINABILITY

Transforming intelligence into real-world sustainable impact.

EVENT ID VESIT_2025_26_UID-0327

23rd – 28th April, 2026

COORDINATORS

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VISIT US

https://vesit.ves.ac.in/departments/mca/hod_desk



ABOUT US

Vivekanand Education Society's Institute of Technology (VESIT), established in 1984, is a premier autonomous engineering college affiliated to the University of Mumbai and approved by AICTE. It offers undergraduate programs in Computer Engineering, AI & Data Science, Electronics & Computer Science, Electronics and Telecommunication, Information Technology, and Automation & Robotics, along with postgraduate programs in MCA, M.E. in related streams, and is recognized as a Ph.D. centre. VESIT is NAAC 'A' grade accredited, one of the top private engineering institutes in Maharashtra, and home to several Centres of Excellence in areas like Big Data Analytics, VLSI, and Wireless technologies. Industry-linked labs and regular expert lecture series strengthen the institute-industry ecosystem and practical learning for students.

ABOUT MCA DEPARTMENT

The Department of Master of Computer Applications (MCA) was established in 2003 and has increased its intake to 120 since the academic year 2012-13. The department is committed towards imparting quality education and developing future technocrats in the stream of Computer Applications. The department is geared towards providing comprehensive education and fostering a dynamic learning environment for students pursuing careers in computer applications. It aims to empower aspiring technologists with cutting-edge knowledge and practical skills in computer applications, software development, and information technology, through innovative teaching methodologies, industry collaboration, and research excellence, thereby preparing them to excel in the rapidly evolving global IT landscape.

VISION

To lead in computer applications by nurturing students through sustainable, holistic, and value-based learning to become technocrats, thus contributing to the society and the nation

MISSION

- To nurture ethical values, social responsibility and professional integrity among students, enabling them to become responsible and conscientious technocrats.
- To enable students to continually master evolving tools, research techniques, trends in technology and management and to apply them in practice in a cost-effective manner.

PROGRAM OBJECTIVES

- Introduce foundational NLP and LLM concepts and the shift from rule-based/statistical methods to transformers.
- Explore AI for sustainability by applying NLP/LLMs to SDGs in climate, energy, agriculture, and smart cities.
- Emphasize ethics, fairness, transparency, and Green AI to reduce environmental costs.
- Showcase interdisciplinary applications in education, governance, industry and encourage cross-domain projects.
- Inspire research in AI for sustainability with guidance on publishing, proposals, with eminent collaborations.

PROGRAM OUTCOMES

- Understand NLP/LLM foundations and the evolution from rule-based/statistical methods to transformer architectures.
- Identify how NLP/LLMs can advance SDGs in climate, energy, agriculture, and smart cities.
- Recognize ethical challenges such as bias, fairness, and transparency, and adopt Green AI practices to reduce computational and environmental costs.
- Design interdisciplinary projects combining computer science with environmental and social sciences.
- Frame research ideas, draft project proposals, and explore collaborations with eminent industries.

RESOURCE PERSONS

- Mr. Rushikesh Meharwade, Founder, Vidvatta ,
1. Ex-VP Data Science , Mumbai
- Ms. May Jue Thet A., Founder, NeuroLearn AI Education Group, Singapore
- Prof. Dr. Seema Purohit, Global Professor of Practice Golden Gate University, California
- Dr. Soumya Maity, Senior Principal Engineer , Dell Technologies, Banglore
- Dr. M Vijayalakshmi , Vice Principal, VESIT, Mumbai



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