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Dr. Prathibha M K
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Dept. of ECE, ATMECE, Mysuru

Co – Convenors

Dr. Veerapathap V
Associate Professor
Dept. of ECE

Dr. Shalini Hanok
Associate Professor
Dept. of ECE

Coordinators

Prof. Swetha K T
Assistant Professor
Dept. of ECE

Prof. Spoorthi P N
Assistant Professor
Dept. of ECE

Organizing Committee

Staff Members of Department of ECE

Who Can Attend?

Faculty Members of AICTE Approved Institutions, Universities, Research Scholars, PG Scholars, Participants from industry and staff of host Institution.

Scan For Registration



Registration Link

<https://forms.gle/p6x9vjZdgXFGEGQt9>

Last date for registration:
7th March 2025

Scan For Payment



Registration Fee: Rs. 200/-
Account Name:
ATME COLLEGE OF ENGINEERING
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For queries contact:

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ATME[®]

College of Engineering



Three – Day Faculty Development Program

on

“CYBER SECURITY AWARENESS & EMERGING TECHNOLOGIES FOR SECURE SOCIAL MEDIA & BANKING APPLICATIONS”

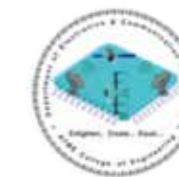
Date: 10th to 12th March 2025

Mode: Offline

Venue: ATMECE , MYSURU

Organized by

Dept. of Electronics & Communication Engineering



In association with
ATME IEEE STB35744



ATME College of Engineering

13th KM, Mysuru – Kanakapura Road Mysuru – 570 028
www.atme.edu.in

ATME College Of Engineering

ATME College of Engineering Mysuru, established in 2010, is recognized by AICTE New Delhi and affiliated with Visvesvaraya Technological University, Belagavi, Karnataka. The college offers 10 undergraduate programs and 2 postgraduate programs. ATMECE has obtained re-accreditation. The UG program is accredited for Civil Engineering, Computer Science, Electronics & Communication, Electrical & Electronics, and Mechanical Engineering Courses from the NBA for 3 years. The college has achieved ISO 9001-2015 certification and has been honored as "The Best. Emerging Private Engineering College in Karnataka" along with "Most Promising Upcoming Private Engineering College in Karnataka" for two consecutive years. It also holds QS I-Gauge Gold Ranking status. ATMECE is NAAC accredited with an A+ grade and is one among seven engineering colleges in Karnataka to achieve this rating during its first cycle. Furthermore, ATMECE is NABL Accredited (National Accreditation Board for Testing and Calibration Laboratories). All departments at the institute have established recognized research centers by VTU to pursue MSc Engg. and Ph.D. The institute has secured over Rs. 5 crores in external funding for various research & consultancy projects over the past five years.

About the Department ECE

Department of Electronics & Communication Engineering was established in the year 2010, with an intake of 60 and was enhanced to 120 in the year 2012. Department has well qualified and experienced teaching faculty and technical staff with state of the art laboratories to meet the quality education required for present challenging societal and industrial needs.

Department has EC Innovative Research Club (EC-IRC), through which Department is actively involved in research activities in the areas of Wireless Communication, Image Processing, Computer Networks, Control systems, VLSI Design and Embedded Systems.

Department conducts co-curricular activities in associations with industries and professional bodies. Department also organizes workshop, seminars, Industrial visit, Internship program through the technical forum to enable the students to upgrade their knowledge.

About the FDP

This Three-Day Faculty Development Program (FDP) focuses on cybersecurity awareness and the role of emerging technologies—Blockchain, Artificial Intelligence (AI), the Internet of Things (IoT), and Quantum Computing—in securing social media and banking applications. The program will feature expert-led sessions, hands-on discussions, and case studies to equip participants with advanced knowledge of cybersecurity frameworks, risk mitigation strategies, and secure system implementations. By bridging theoretical concepts with practical applications, this FDP aims to empower educators and researchers to integrate these cutting-edge technologies into academia and industry solutions.

Objectives of the FDP

- To enhance awareness of cybersecurity threats in social media and banking sectors.
- To equip participants with practical skills in cybersecurity tools and techniques.
- To explore emerging technologies such as AI, blockchain, cloud security, and biometrics for cyber defence.
- To promote secure digital practices for protecting personal and institutional data.
- To enable faculty members to integrate cybersecurity education into their teaching and research.

Outcomes of the FDP

- Strengthened Cybersecurity Awareness – Gain a comprehensive understanding of cyber threats, vulnerabilities, and effective risk mitigation strategies to foster a secure digital environment.
- Seamless Integration of Emerging Technologies in Academia – Learn to incorporate cybersecurity principles and emerging technologies into teaching, research, and industry collaborations.
- Hands-on Proficiency with Cybersecurity Tools – Develop practical skills in utilizing cybersecurity tools such as OSINT Framework, Wireshark, and Metasploit.

Contents Of FDP

- Introduction to Cyber Security, Blockchain, Artificial Intelligence (AI), the Internet of Things (IoT) and Hands on session on OSINT Framework.
- Understanding Poisoning Attacks on Machine Learning and Hands-On Penetration Testing with Metasploit.
- Cryptography techniques and Hands-On sessions on Wireshark and creating Digital certificates using few Cryptographic techniques.

Resource Persons



Dr. Rajendra Hegadi
Associate Professor
Dept. of Data Science
& Intelligent Systems,
IIIT, Dharwad.



Dr. Pavan Kumar C
Assistant Professor,
Department of CSE,
IIIT, Dharwad.



Dr. B. R. Chandavarkar
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