ONE WEEK
STATE LEVEL
FACULTY DEVELOPMENT PROGRAMME

"Cyber Security and Digital Forensics"

21st to 25th August 2023

Organized by
Department of Electrical and Electronics Engineering
(Accredited for Second Term (2022-2025) by NBA, New Delhi)
In Association with IEI (INDIA)

REGISTRATION FORM

Name : _ _____

Designation : _____

Institution : _____

Address : _____
_____
_____

Mobile No : _____

Email : _____

Sponsoring Authority : _____

Date: Signature with Seal

ATME
College of Engineering

ABOUT THE INSTITUTION

ATME College of Engineering (ATMECE), Mysuru, Established in 2010 is approved by AICTE, New Delhi and affiliated to Visvesvaraya Technological University, Belagavi. It was established with a broad intention of providing the modern education with cutting edge technology to the society. ATMECE offers UG Programs in the area of Electrical & Electronics Engineering, Electronics and Communication Engineering, Computer Science and Engineering (CSE), CSE (AI-ML), CSE (Data Science), CSE (Computer Science and Design), CSE (Cyber Security), Mechanical Engineering and Civil Engineering. It also offers PG program in Master of Computer Applications.

ATMECE is Accredited by NBA for UG programs in Electrical & Electronics Engineering, Civil Engineering, Electronics & Communication Engineering and Mechanical Engineering Programs for the second term (Year:2022-25). ATMECE is accredited by NAAC with A+ Grade and is an ISO 9001-2015 certified Institution. ATMECE has secured QS I-Gauge Gold Ranking for its Overall Excellence. The Institute has received more than 3 crores of external funding for various Research & Consultancy projects in the last 3 years.

ABOUT THE DEPARTMENT

The Department of Electrical and Electronics Engineering was started in the year 2010 with an intake of 60 students and is recognized as a research centre by Visvesvaraya Technological University (VTU), Belagavi.

The U.G Program of the department is accredited by NBA for second term (2022-2025). The Human Resource are well qualified and experienced with specialization in Power systems, Power Electronics, Energy Systems & Management, CAID, Bio-Medical Signal Processing & Instrumentation and VLSI Design & Embedded systems. All the laboratories relevant to the U.G and Research program are established as per VTU and are state of art laboratories to offer quality education for present challenging needs

The Department is in the process of establishing a Virtual Lab on Cyber Security in Power Systems under AICTE-MODROB-ASP

Department of EEE
Emitting Elite Energy

THE INSTITUTION OF ENGINEERS

Website: https://atme.in

ABOUT THE PROGRAM

The Program encompasses the training on Cybersecurity and Digital forensics. They are two closely related fields that focus on protecting digital systems, data, and networks from unauthorized access, attacks, and investigating cybercrimes. Cybersecurity involves implementing measures to protect computer systems, networks, and data from unauthorized access, theft, damage, or disruption. It encompasses various practices, technologies, and techniques aimed at safeguarding information and preventing cyber threats. This includes activities such as network security, application security, data protection, incident response, vulnerability management, and risk assessment. Digital forensics is the process of collecting, preserving, analyzing, and presenting digital evidence in a manner that is admissible in legal proceedings. It involves investigating cybercrimes, data breaches, and other digital incidents to identify perpetrators, determine the extent of the damage, and gather evidence for legal action.

NEED FOR CYBERSECURITY & DIGITAL FORENSICS

1. Increasing Cyber Threats
2. Protecting Sensitive Information
3. Legal and Compliance Requirements
4. Incident Response and Recovery
5. Career Opportunities

OBJECTIVES OF THE PROGRAM

1. Enhance Faculty members understanding of cyber threats, vulnerability and countermeasures.
2. Hands on Training on Digital Forensics Tools
3. Foster the development of effective pedagogical strategies for teaching cybersecurity and digital forensics
4. Promote collaboration and Knowledge sharing among faculty members from different institutions.
5. Strengthen the overall cybersecurity awareness and preparedness within the academic community.

RESOURCE PERSONS

Dr. Sudhakara A M
Director, Pas3cyberlabs, Mysuru
Dr. K T Veermanju
Director, Pas3cyberlabs, Mysuru
Dr. Lokesh Ramkrishna
Professor, Vivekananda College of Engineering and Technology, Puttur
Dr. H R Chennamma
Associate Professor, JSS Science and Technological University, Mysuru
Dr. S P Shivaprakash
Professor, JSS Science and Technological University, Mysuru
Mr. Mahesh Vastrad
MD, Agamya Cybertech, Technical Expert, PAS3 Cyberlabs

TARGETED PARTICIPANTS

Faculty, Ph.D scholars and PG students from AICTE/ UGC approved Technical and Non- Technical Degree Colleges/Institutions

VENUE : DEPT. OF EEE, ATMECE, MYSURU.

FDP SCHEDULE

DATE/TIME	TOPICS	RESOURCE PERSON
21.08.2023 9A.M TO 4.30PM	REGISTRATION, CYBERCRIMES, CYBERSECURITY AND TOOLS	DR. SUDHAKARA A M
	TOOLS AND METHODS USED IN CYBER CRIMES	MR. MAHESH VASTRAD
	PHISHING AND IDENTITY THEFT	
22.08.2023 10A.M TO 4.30PM	DIGITAL FORENSICS, MOBILE FORENSICS	DR. K T VEERMANJU
	SCANNING, TYPES OF SCANNING, TCP AND UDP THREE WAY HANDSHAKE, PORT SCANNING TOOLS: NMAP, ANGRY IP SCANNER	MR. MAHESH VASTRAD
23.08.2023 10A.M TO 4.30PM	BLOCK CHAIN IN CYBER AND DIGITAL FORENSICS	DR. LOKESH RAMKRISHNA
	CRYPTOGRAPHIC ATTACKS, BRUTE FORCE ATTACK, DICTIONARY ATTACK RAINBOW TABLE, ENCRYPTION SCHEME TOOLS: STEGHIDE, S-TOOLS, XIAO STEGANOGRAPHY PASSWORD ATTACKS, DOS, DDOS MIMT, PHISHING, MALWARE	MR. MAHESH VASTRAD
24.08.2023 10A.M TO 4.30PM	DIGITAL IMAGING FORENSICS	DR. H R CHENNAMMA
	DIGITAL FORENSICS	MR. MAHESH VASTRAD
25.08.2023 10A.M TO 4.30PM	IOT SECURITY, QUIZ AND FEEDBACK	DR. S P SHIVAPRAKASH
	EMERGING TRENDS IN CYBER SECURITY AND DIGITAL FORENSICS	DR. SUDHAKARA A M
	VALEDICTORY	DR. S P SHIVAPRAKASH

REGISTRATION DETAILS
Registration Fee: 1000/-
Registration link: https://forms.gle/z2g8Ejsd7uFLok399

ACCOUNT DETAILS:
Name: ATME COLLEGE OF ENGINEERING E&E DEPT
Account No: 142901001429
IFSC: ICIC0001429
Branch: Siddarthanagar, Mysore

NOTE:
First 50 Registered Participants Only

QR CODE FOR PAYMENT

CHIEF PATRONS
Sri Arun Kumar L
Chairman, ATMECE, Mysuru.

Sri Shivashankar K
Secretary, ATMECE, Mysuru.

Sri Veeresh R
Treasurer, ATMECE, Mysuru.

PATRON
Dr. A K Murthy
Principal, ATMECE, Mysuru.

CONVENER
Dr. Parthasarathy L
Head, Dept. of Electrical & Electronics Engineering ATMECE, Mysuru.

EVENT CO-ORDINATORS
Dr. Shakunthala C
Associate Professor
Dept. of Electrical & Electronics Engineering
ATMECE, Mysuru

Prof. Vinod Kumar P
Assistant Professor
Dept. of Electrical & Electronics Engineering
ATMECE, Mysuru

Prof.Shreeshayana R
Assistant Professor
Dept. of Electrical & Electronics Engineering
ATMECE, Mysuru

PROGRAM COMMITTEE – DEPARTMENT OF EEE
Prof. Raghavendra L, Associate Professor
Dr. Sathish K R, Assistant Professor
Prof. Praveen Kumar M, Assistant Professor
Prof. Maria Sushma S, Assistant Professor
Prof. Swapna H, Assistant Professor
Prof. Sowmyashree K S, Assistant Professor
Prof. Kavyashree S, Assistant Professor
Prof. Swathi C A, Assistant Professor

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FOR ACCOMMODATION
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Note: Accommodation will be provided with Additional Charges on prior communication.