

Department of Electronics and Telecommunication Engineering

Activity Report

on

“Research & Emerging Trends in Digital Forensics “



Organized by

KBT's College of Engineering In

Association With

Sandip Foundation's

Sandip Institute of Technology and Research Centre, Nashik

And Department of

Electronics & Telecommunication Engineering Department

With IEEE student Branch

Department of Electronics and Telecommunication Engineering

Name of Event: One week faculty Development Program on " Research & Emerging Trends in Digital Forensics "

Date of Event: 11th to 16th July 2022

Type of the Event: Faculty Development Program (FDP)

Name of Event Coordinator: Prof. Swati Pawar.

Link for registration: <https://forms.gle/MxoEmV8U7GYDtTF57>

Objective: The Program intends to explore the different models of learning and dive into key issues that impact students, teachers, and institutions of Higher education. The FDP is designed around developing the foundational knowledge needed to train the teachers to address the rapidly changing educational needs and devise ways to make their teaching more learner centric.

Highlights from the event: The event is organized by Maratha Vidya Prasarak Samaj's karmveer, Adv. Baburao Ganpatrao Thakare College of Engineering, Department of Computer Engineering, in association with the Sandip Foundation's Sandip Institute of Technology and Research Center, IEEE students branch Nashik. The event started with an inauguration ceremony from the Honourable Dr. Tushar R. Shewale (Presidents MVP Samaj, Nashik), Hon. Shree Manikrao M. Boraste (SSabhapati MVP Samaj, Nashik), Dr. Sandip N. Jha (Chairman Sandip Foundation, Nashik) and Mr. Pramod Karole (Academic Facilitator, Sandip Foundation, Nashik).

Digital Forensics is a branch of forensic science focused on identifying, collecting, analyzing, and preserving evidence from digital devices. This field plays a crucial role in investigating cybercrimes, data breaches, and other activities involving digital technologies. It is widely used by law enforcement agencies, corporate investigators, and legal professionals to ensure the integrity and reliability of digital evidence.

Topics Covered in the Event:-

1. Introduction to Cyber Threat Intelligence
2. Cyber threat data collection techniques.
3. Cyber crime and real time case studies
4. Cyber crime investigation
5. Information Security risk Assembly and Management
6. Intrusion Analysis and Dissemination
7. Penetrating Testing
8. Malware Analysis
9. Memory Network Application , Hardware and Cloud forensics Tools and Techniques
10. Cyber Laws and Ethics
11. Adaptive Cyber Defence and Immunity.

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Flyer of the Event-



The flyer is a blue-themed graphic with a network of glowing nodes and lines in the background. At the top, it features logos for IEEE Bombay Section, IEEE region 10, IEEE MVPS's KBTCOE, IEEE Student Branch STB20132SITRC, KBTCOE, and Sandip Foundation. The main text is centered and reads: 'Maratha Vidya Prasarak Samaj's Karmaveer Adv. Baburao Ganpatrao Thakare College of Engineering'. Below this, it states 'IEEE Bombay Section and MVPS's KBTCOE IEEE Student Branch (STB65181)'. The event is presented by the Department of Computer Engineering (Accredited by NBA) in association with Sandip Foundation SITRC IEEE SB, Nashik (STB20132). The program is an IEEE R10 EA Sponsored One Week Faculty Development Program on 'RESEARCH AND EMERGING TRENDS IN DIGITAL FORENSICS'. The coordinator is Dr. D. V. Medhane, Branch Counsellor, IEEE MVPS's KBTCOE, Nashik. The event is organized by the Department of Computer Engineering (Accredited by NBA) from 11th (Mon.) July to 16th (Sat.) July 2022. Registration is free for IEEE members and 150/- for non-IEEE members, with prior registration being mandatory. The registration link is <https://forms.gle/MxoEmV8U7GYDtTF57>. At the bottom, there are logos for the IEEE Bombay Section Student Activities Committee, Membership Development Committee, and Educational Activities Committee, along with the contact number 8888832400, 9545453202, 7387894498.

IEEE BOMBAY SECTION **IEEE region 10** **IEEE MVPS's KBTCOE** **IEEE Student Branch STB20132SITRC** **KBTCOE** **SANDIP FOUNDATION**

Maratha Vidya Prasarak Samaj's
Karmaveer Adv. Baburao Ganpatrao Thakare
College of Engineering

IEEE Bombay Section and MVPS's KBTCOE IEEE Student Branch (STB65181)

IN ASSOCIATION WITH
Sandip Foundation SITRC IEEE SB, Nashik
(STB20132)

PRESENTS
IEEE R10 EA Sponsored
One Week Faculty Development Program on

RESEARCH AND EMERGING TRENDS IN DIGITAL FORENSICS

Coordinator:
Dr. D. V. Medhane
Branch Counsellor, IEEE
MVPS's KBTCOE, Nashik

ORGANIZED BY
DEPARTMENT OF COMPUTER ENGINEERING
(ACCREDITED BY NBA)

Registration:
IEEE Members: Free
Non-IEEE Members: 150/-
Prior Registration is Mandatory

11th (Mon.) July to 16th (Sat.) July 2022

Registration link :
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IEEE BOMBAY SECTION **IEEE BOMBAY SECTION** **IEEE BOMBAY SECTION**
Student Activities Committee Membership Development Committee Educational Activities Committee

ContactNo:8888832400,9545453202,7387894498

Outcomes: From this event participants will be able to learn about information and data security and understand about cyber crime and real time case studies.

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Glimpse from the Event



Dr. Gayatri Phade (President of IEEE students Branch SITRC E&TC) felicitated by the Dr. Tushar R. Shewale (President of MVP Samaj)



Dr. Gayatri Phade Addressing the gathered student Teacher Mob



Prof. Swati Pawar
Event Co-ordinator



Dr. Gayatri M. Phade
HoD E&TC Department