ABOUT THE INSTITUTE

BMS Institute of Technology and Management (BMSIT&M) was established in the year 2002 under the auspices of BMS Educational Trust with the vision of establishing a premier technical institute on par with international standards. It is recognized by AICTE, Government of India and is an autonomous institution affiliated to VTU, Belagavi.

BMSIT&M offers eight UG and four PG programs along with 10 R&D centers. All eligible UG/PG programs have been accredited by NBA. BMSIT&M has obtained "A" Grade from NAAC. As a feather in its cap, BMSIT is the first college in India under AICTE to start a new BE program in Artificial Intelligence and Machine Learning under AICTE/VTU.

The lush green and serene campus of 21.5 acres is an ideal place for anyone to pursue academic, research and professional interests. Our green initiatives awarded us the "Best Ornamental Garden" by Mysore Horticultural Society. The AICTE-CII survey of Indian educational institutions ranked BMSIT's industry engagement in the topmost **'Platinum'** category during 2019. The institution supports students for their holistic development through curricular and co-curricular activities with an inclusive focus on OBE & NEP 2020.

INSTITUTE VISION

To emerge as one of the finest technical institutions of higher learning, to develop engineering professionals who are technically competent, ethical and environment friendly for betterment of the society.

INSTITUTE MISSION

Accomplish stimulating learning environment through high quality academic instruction, innovation and industry-institute interface.

CHIEF PATRONS

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Educationist, Chairperson
Donor Trustee, Member Secretary, BMSET

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Professor & HOD, CSE

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Dr. Anjan Krishnamurthy, Professor, Cyber Security

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Dr. Usha B. A.,
Professor, Cyber Security

Dr. Sunanda Dixit,
Associate Professor, CSE

CO-ORDINATORs

Prof. Bharathi R., Associate Professor, CSE
Prof. Vidya R. Pai, Assistant Professor, CSE
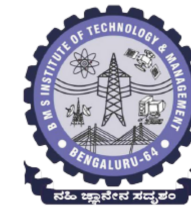**Dr. Ashwini N.,** Assistant Professor, CSE
Prof. Shankar R., Assistant Professor, CSE
Prof. Chethana C., Assistant Professor, CSE
Mr. Yateesh, System Analyst

ORGANIZING-COMMITTEE

All faculty and staff members of Department of CSE

BMS INSTITUTE OF TECHNOLOGY & MANAGEMENT
(AN AUTONOMOUS INSTITUTION AFFILIATED TO VTU)

Avalahalli, Doddaballapur Main Road, Yelahanka, Bengaluru - 560064.
Website- https://bmsit.ac.in

**RECOGNIZED BY AICTE | AUTONOMOUS UNDER VTU | NBA ACCREDITED
AWARDED 'A' GRADE BY NAAC | MEMBER OF IIC-MHRD & UGC**

5-DAY NATIONAL WORKSHOP
ON

PRACTICAL CYBER SECURITY, FORENSICS & BLOCKCHAIN TECHNOLOGY

6TH DEC TO 10TH DEC, 2022

AT BMSIT&M CAMPUS (OFFLINE MODE)

ORGANIZED BY

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

IN ASSOCIATION WITH

ABOUT THE DEPARTMENT

The Department of Computer Science & Engineering (CSE) was started in the year 2002 – 2003 with an intake of 60, subsequently it was increased to 90 and 180 in the Year 2010 and 2017 respectively. The Department also offers an M.Tech. Program (post-graduation) in Computer Science & Engineering, which was introduced in the year 2014 with an approved intake of 18. The Department of CSE is accredited by NBA for UG program till June, 2025, and PG program till June, 2024. The Department is highly progressive with a team of well qualified experienced and dedicated faculty members. 19 of our faculty members hold Doctoral degrees, and 13 Faculty members are currently pursuing their Doctorate degrees. The faculty members constantly upgrade their knowledge and skill sets through FDPs and other learning activities in turn involved in effective Teaching-Learning Process (TLP) with Outcome-based education (OBE) model in line with National Education Policy (NEP) 2020.

Our graduates are working in leading IT industries and many of our alumni have secured admissions to prestigious universities in India and abroad. The Department has an R&D Center as well as an Incubation Center which is facilitating the students to acquire knowledge and skills sets in contemporary topic/area.

DEPARTMENT VISION

To develop technical professionals acquainted with recent trends and technologies of computer science to serve as valuable resource for the nation/society.

DEPARTMENT MISSION

Facilitating and exposing the students to various learning opportunities through dedicated academic teaching, guidance and monitoring.

ABOUT THE WORKSHOP

Department of CSE, BMSIT&M is organizing a five-day National Workshop in association with NCSSS, IEEE, CSI & ISTE Chapters.

Cybersecurity, Forensics and Blockchain Technologies are the thematic area of application development in the field of Industry and research today. These topics are multidisciplinary in nature addressing the real-life problems of security which are necessity to protect the business, society and environment in national/international perspectives. The topic is the need of the hour as securing assets involving financial and sensitivity information is a key challenge. Cyber security is the practice of defending computers, servers, mobile devices, electronic systems, networks, and data from malicious attacks. Application security focuses on keeping software and devices free of threats. A compromised application could provide access to the data it's designed to protect.

Blockchain as an emerging technology enables developing secured decentralized applications offering various attractive features for the societal and industry problems with strong cryptographic guarantees of tamper resistance, immutability, and verifiability etc.

Cyber Security, Forensics and Block chain technologies are creating wide market and job opportunities with varieties of roles and responsibilities. This workshop enables the learners to analyze problems in Cyber Security by applying tools, methods and platforms to solve problems including development of blockchain based applications involving smart contracts.

The five days national workshop is aimed at enriching the knowledge, skills in solving various problems and thereby can lead to foster research, project works with innovation in application development and research with modern tools aligned with industry expectations and advance learners.

LEARNING OUTCOMES

- Explore the key fundamentals of cybersecurity, forensics and Blockchain technology.
- Acquire the knowledge on state-of-art technological trends, in-line with industry needs.
- Apply various tools & technologies to prevent security attacks.
- Learn and upgrade the practical skills to develop blockchain based decentralized applications with smart contracts.

WHO CAN ATTEND?

Faculty from Engineering & Science, Research Scholars/ UG / PG Students/ Industry/ Techno-legal professionals

RESOURCE PERSONS

Eminent resource persons from Industry/ premier Institution

REGISTRATION

Registration fee:
- UG/PG Students/Research Scholars- Rs. 500/- per participant
- Faculty members- Rs. 1000/- per participant
- Professionals- Rs. 1500/- per participant

Payment mode: Online

Last date for Registration: 3rd Dec, 2022*
      (Spot Registration allowed with limited seats)

Link for Registration:
    https://bit.ly/bmsit22_workshop

FOR MORE QUERIES

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