

## ABOUT THE INSTITUTE:

BMS Institute of Technology and Management 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 affiliated to VTU, Belagavi. BMSIT&M offers eight UG and three PG programmes along with 7 R&D centres. Six UG programmes and one PG program have been accredited by NBA. BMSIT&M has obtained an "A" Grade from NAAC. BMSIT&M is the first institution to introduce Artificial Intelligence and Machine Learning as a UG programme. Our green initiatives awarded us the "Best Ornamental Garden" by the Mysore Horticultural Society. With its modern infrastructure, highly qualified faculty members, and active industry engagement, the institute has been recognised as an "Emerging Technical Institute in the state of Karnataka" by VTU. Federation of Indian Chambers of Commerce & Industry has placed BMSIT&M among the top seven institutes in India for the "FICCI Excellence in Faculty" award. The institute supports students for their overall development through both curricular and co-curricular activities. 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 the betterment of society. Institute mission accomplish stimulating learning environment through high-quality academic ambiance, innovation, and industry-institute interface.

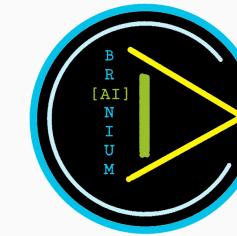
## ABOUT FDP:

Machine learning is one of the most vaguely described terms of the 21st century. The biggest reason for its ambiguous description is that it is a multi-disciplinary field and it borrows concepts from various fields, therefore The Department of AI & ML, BMSIT & M has come up with an online FDP platform to disambiguate and uncover all the concepts of machine learning and understand each aspect of it perfectly. The speakers shall throw light on various prospects and new avenues that have sprung up over the past. As the demand for skilled AI specialists is growing faster, we are lucky to be in the age of rising artificial intelligence and now it is time to march towards a better future.

## FIVE DAYS NATIONAL LEVEL ONLINE FACULTY DEVELOPMENT PROGRAM ON

### "DEMYSTIFYING THE MACHINE LEARNING CONCEPTS"

DATE: 17TH TO 21ST MAY 2021



 **Impavid**  
Technologies

ORGANIZED BY

**BRAINIUM,**

THE TECHNICAL FORUM OF THE DEPARTMENT OF  
ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING,  
BMSIT&M

IN ASSOCIATION WITH  
**IMPAVID TECHNOLOGIES.**

## **BMS INSTITUTE OF TECHNOLOGY & MANAGEMENT**

DODDABALLAPUR MAIN ROAD, AVALAHALLI, YELAHANKA,  
BENGALURU- 560 064, KARNATAKA.

RECOGNIZED BY AICTE & AFFILIATED TO VTU ALL ELIGIBLE PROGRAMMES ARE  
NBA ACCREDITED & AWARDED 'A' GRADE BY NAAC, MEMBER OF IIC-MHRD &  
UGC



## CHIEF PATRONS

**DR. B.S. RAGINI NARAYAN**  
DONOR TRUSTEE & MEMBER  
SECRETARY, BMSET

**DR. P. DAYANANDA PAI**  
TRUSTEE, BMSET & CHAIRMAN, BOG,  
BMSIT&M AND BMSCE

**MR. M. MADAN GOPAL**  
IAS(RET'D.)

TRUSTEE, BMSET  
FORMER ADDITIONAL CHIEF SECRETARY,  
GOVERNMENT OF KARNATAKA  
CHAIRMAN, BOG, BMSIT&M AND  
BMSSA

**MR. AVIRAM SHARMA**  
TRUSTEE, BMSET

## PATRONS

**DR. MOHAN BABU G.N.**  
PRINCIPAL, BMSIT&M

**DR. H.K. GOVINDARAJU**  
VICE-PRINCIPAL, BMSIT&M

## ORGANIZING CHAIR

**DR. BHARATHI MALAKREDDY A.**  
PROFESSOR & HOD, DEPT OF AI&ML,  
BMSIT&M

## COORDINATORS

**DR. ANUPAMA H.S.**  
Email: [anupamahs@bmsit.in](mailto:anupamahs@bmsit.in)

**DR. VISHWA KIRAN S.**  
Email: [vishwakiran@bmsit.in](mailto:vishwakiran@bmsit.in)

**DR. N. RAKESH**  
Email: [n\\_rakesh@bmsit.in](mailto:n_rakesh@bmsit.in)

## ABOUT DEPARTMENT

Welcome to the Department of Artificial Intelligence and Machine Learning at BMSIT&M, Bengaluru. The Department is the realization of our Management's vision of offering an undergraduate program in the stream, a need of the hour to address the fast-growing industrial demands to embrace the technology of AI and methods of Machine Learning. Under the visionary leadership of our beloved Principal, Dr. Mohan Babu G. N., we started our exciting journey on August 02, 2019, with a sanctioned student strength of 60. The primary focus of our curriculum is to impart technical know-how to students, promote their problem-solving skills and innovation of new technologies. Our department maintains active research groups for carrying out collaborative and interdisciplinary research. We have state-of-the-art research facilities to support our academic programs and research. At present, the department faculty are guiding 6 Ph.D. scholars from industries and academics. It is heartening to find that our students look forward to contributing to solving the technological challenges of society with active participation, perseverance, and hard work. Skill & knowledge relevant to real-world problems is inseminated to produce dynamic, socially conscious, and sensitive human beings.

### DEPARTMENT VISION

To develop professionals equipped to build sustainable and intelligent solutions that effectively interact with the natural intelligence towards creating a digitally empowered environment for future generations, safeguarding social ethics.

### DEPARTMENT VISION

To enable students with the spirit and power of interdisciplinary acumen by integrating a world of knowledge into a world of intelligent systems and subsystems.

- Boost academic outcomes through place-based education and collaborations with established research labs and industries.
- Encourage entrepreneurship efforts among students and develop them into great leaders.



### OBJECTIVES OF FDP

- To promote academic activities and nurture research potentials among teaching faculty/students in engineering institutions.
- To provide a forum for Researchers, Technologists, Faculty and Students to interact and enhance their skills.
- To provide rigorous industry-relevant programs designed and delivered in collaboration with eminent speakers from industry and academia.
- To create a great learning experience by merging the latest technology, pedagogy, and services through Hands-on Sessions with the speakers.

### DEPARTMENT INFRASTRUCTURE

The BRAIN HPAC LAB, the VGST funded research lab of the Dept of Artificial Intelligence and Machine Learning, fosters research, innovation and technological excellence in the field of Artificial Intelligence. It proudly hosts EKA, the High-Performance Accelerated Computing facility, powered by NVIDIA V100 card. The Lab has joined hands with several NDA partners including HCG, Aleka Technologies, SimPragma Solutions, etc, for running cutting-edge research projects and innovative solutions in the field of precision medicine, automation and Language Engineering. The Dept. of AI & ML has a world-class state of art **Embedded Systems Laboratory** that consists of the latest hardware and software for experiments. The Internet of Things laboratory has different types of sensors, Embedded development kits, network gateways. We also have a **Bot Lab Centre of Excellence** to train students and faculty members of IT and non-IT branches on robotic process automation and develop automation projects.

## Resource Persons

**Mr. Ajith S, Technical Lead and Software Trainer**

**Mr. Amarthya K R, Developer and Software Trainer**  
**Impavid Technologies, Bangalore**

### Who can Attend?

Faculty from Science and Engineering, Research Scholars, UG/PG Students

### Registration Details

#### For All Participants,

Fee: ₹250/-

Mode of Payment: UPI

Link for registration:

<https://forms.gle/3giQcGRKyWjD4QFd7>

Platform: Google Meet

Meeting Link will be sent through E-mail after registration

Program Duration: May 17th 2021 to May 21st 2021

Session Timing: 2:00PM to 4:30PM

### General Instructions

- The number of participants is limited to 100.
- Google meet link shall be shared with all the registered participants
- All instructions will be communicated through E-mail.
- E-Certificates will be provided for those who attend all the sessions and submit feedback
- For further details/queries, contact
  - [hod\\_aiml@bmsit.in](mailto:hod_aiml@bmsit.in); or
  - [brainium@bmsit.in](mailto:brainium@bmsit.in)