BMS
INSTITUTE OF TECHNOLOGY AND MANAGEMENT
Estd. in 2002, Affiliated to VTU, Belagavi and Approved by AICTE, New Delhi.

7 NBA ACCREDITED UG & PG PROGRAMMES
NIRF RANKING BETWEEN 95-169 DURING 2017-20
ACCREDITED BY NAAC WITH 'A' GRADE
PLATINUM RATING BY AICTE - CII SURVEY
**Founders’ Vision**

Promoting Prosperity of Mankind by Augmenting Human Resource Capital through Quality Education and Training

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**BMSET Council of Trustees**

**Dr. B. S. Ragini Narayan**

Educationist
Chairperson, Donor Trustee & Member Secretary, BMSET

**Dr. P. Dayananda Pai**

Trustee, BMSET
Chairman, Board of Governors, BMSCCE
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**Sri. Aviram Sharma**

Trustee, BMSET
Chairman, Board of Governors, BMSCCE

**Commissioner**

Department of Collegiate Education, DK Trustee, BMSET (Ex-Office)

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**About BMSITM**

BMS Institute of Technology and Management was established in 2002 under the aegis of BMS Educational Trust, with the vision of establishing a premier technical institute on par with international standards. BMSITM offers Eight UG, Three PG programmes and Ph.D / M.Sc (Engg.) in all disciplines. The Institute has well qualified and experienced faculty members, technical and supporting staff members. The Institute’s well-equipped laboratories, good infrastructure, teaching-learning aids, etc. provide the right impetus to the growth of the students.

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**Vision**

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

**Mission**

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

**Location**

The lush green 21.5 acre campus of the institute is located on Doiddabailaappura Main Road, 5 km from Yelahanka town and within a radius of 10 km from Bengaluru International Airport.

**Green Campus**

- Eco Friendly Campus with maximum Green Cover

- 3000+ trees, ornamental plants, fruit bearing plants, medicinal plants, bio-diesel plants, shrubs etc. with 700 varieties

- Minimum plastic campus

- Rain water harvesting in all buildings

- Sewage treatment plant for recycling of water

- Recipient of best ornamental garden award for the last 5 consecutive years from Horticultural Department

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**They Made History by Their Indomitable Spirit**

The history of BMS institutions dates back to the year 1946. Late Sri B. M. Sreenivasaiah, a philanthropist and visionary, realized the importance of technical education in the country. BMS College of Engineering, which he started in the year 1946, has the distinction of being the first private engineering college in the country. Sri B. M. Sreenivasaiah was conferred with the title ‘Dharmaprakasha Rajakaryaprasaka’ by the Maharaja of Mysore for his great service in the education sector. The inheritors of his legacy continue to cherish and uphold his vision and ideals.

After the demise of Sri B. M. Sreenivasaiah, his illustrious son Sri B. S. Narayan, a dynamic and enterprising personality, developed BMS College of Engineering into one of the finest engineering colleges. He is responsible for the creation of BMS Educational Trust (BMSET) under which he established other institutions of higher education including BMS College of Law, BMS College for Women and BMS Evening College of Engineering.

He was instrumental in initiating several collaborative programs, such as cross cultural programs with M/s Melton Foundation & training foreign students under International Co-operation Division. After the demise of Sri B.S. Narayan, the affairs of the BMS Institutions are being effectively managed by The Council of Trustees appointed by Dr. B.S. Ragini Narayan, wife of Late Sri B.S. Narayan, the Chairperson, the Donor Trustee & Member Secretary of BMS Educational Trust.

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**Dr. Mohan Babu G. N.**

Principal
**Approved Intake**

- **UG Courses Offered**
  - Electronics and Communication Engineering (ECE) 180
  - Computer Science and Engineering (CSE) 180
  - Mechanical Engineering (ME) 60
  - Electrical and Electronics Engineering (EEE) 60
  - Electronics and Telecommunication Engineering (ETE) 60
  - Information Science and Engineering (ISE) 180
  - Civil Engineering (CV) 60
  - Artificial Intelligence and Machine Learning (AI & ML) 60

- **PG Courses Offered**
  - Master of Computer Applications (MCA) 60
  - M.Tech. - Machine Design 18
  - M.Tech. - Computer Science & Engineering 18

**Category of Admission**

- Common Entrance Test (CET) conducted by Karnataka Examination Authority (KEA)
  - For details, Consult: www.kea.kar.nic.in
- Consortium of Medical, Engineering & Dental Colleges of Karnataka (COMED-K)
  - For details, Consult: www.comed-k.org
- Management through Director (Administration)
  - BMS Educational Trust, Bengaluru
  - For details, Consult: +91 80 2661 4358

**Eligibility* for Admission to UG Courses**

- Pre-University or XII standard or equivalent examinations
- Compulsory Subjects: Physics and Mathematics
- Optional subjects: Chemistry, Bio-Technology, Computer Science, Biology and Electronics
- Minimum 45% aggregate marks in Pre-University or XII standard or equivalent examinations
- Minimum 40% aggregate marks for SC/ST and other Backward Classes (as specified in the Government Order) in Pre-University or XII standard or equivalent examinations
- For consideration under Management Seat, the candidate should have appeared for either CET or COMED-K and has a minimum 60% marks in Pre-University or XII standard or equivalent examinations

**Eligibility* for Admission to PG Courses**

- Bachelor’s degree in the relevant discipline with minimum 50% of marks in aggregate
- Minimum 45% aggregate marks for SC/ST and other Backward Classes (as specified in the Government Order) in Bachelor’s degree
- For consideration under Management Seat, the candidate should have appeared for either PG CET or KMAT and has a minimum 60% marks in Bachelor’s degree

*Eligibility criteria is as per the Government order applicable at the time of Admission.

**Research & Development Centers**

- The following Departments at BMSITM have been recognised as VTU Research Centers:
  - Electronics and Communication Engineering
  - Computer Science and Engineering
  - Mechanical Engineering
  - Electrical and Electronics Engineering
  - Telecommunication Engineering
  - Information Science and Engineering
  - Master of Computer Applications
  - Physics
  - Chemistry
  - Mathematics
TEACHING - LEARNING SYSTEM
- Department Advisory Boards with industry experts and professors from IISc, IITs, NITs etc.
- Course delivery through modern technology
- Interactive classes with puzzles, quizzes, etc.
- Blended and co-operative learning classes
- Partial course delivery by external resource persons
- Project based learning
- Industry internships for students
- Open Short Term Courses on new trends and technologies

ALUMNI MENTORING
The young alumni of Institute visit regularly and interact, guide, mentor the students on career opportunities and industry perspectives.

TECH FORUMS / NEWSLETTERS
Tech Forums and clubs functioning in the college foster technical interest among students. These activities provide students a good platform to exhibit both technical and creative capabilities. Some of them are:
- TECHKHETRA (ECE)
- CINNOVI5 (CIV)
- INFIRIUM (ISE)
- TEKRUTHI (TCE)
- SEMAPHORE (CSE)
- UTHANAMA (MECH)
- VIDYUTH (EEE)
- ANVAYA (MCA)

NSS, NCC AND CIVIL DEFENCE UNIT
- Regular Voluntary Blood Donation Camps
- Parades and special camping
- Visits to orphanage, old age homes, etc.
- Participation in Cost. Civil defence engagements

EMPLOYERS’ MEET
In today’s scenario, regular interaction between industry and institute is essential for the success of technical institutions. It influences the design of the curriculum, exposes the students to industrial atmosphere and plays an effective role in helping engineering graduates find placement in industries across the country and ignite their enterprising mindset. Hence, employers from different industry sectors are invited to have a productive interaction with the students and faculty members. They will enlight students about what is expected of them in industry.

STUDENT SUPPORT / EMPOWERMENT
- Faculty facilitates for First year Students
- Proctor System & Parent - Teacher Meets
- Online Student Feedback system
- Fee concession and Scholarships, as applicable
- Bank Facility
- Group Medical Insurance
- SMS Based alerts - Attendance/IA Marks etc.
- Regular Interaction with Industry / Alumni
- Department / Institute level techni-cultural fests
- Student Clubs / Department Forums
- Department / Institute Newsletters
- Anti ragging squad
- CCTV Surveillance
- Personality Development Training from 1st Year
- Professional Counseling
- Funding for select inter-disciplinary projects
- Employability Assessment tests
- Higher education facilitation center

INDUSTRIAL VISITS
Industrial visits give students an exposure to practical work situations and latest technologies. Students learn the best and innovative practices followed in industry during these visits.

INTERNSHIPS
Students are facilitated to undergo internships in industry to enhance their skills and be industry ready.

TECHNICAL TALKS
Experts from various organizations are invited to share their experience and deliver technical talks, which expose students to the latest technological developments.

BMSIT&M UTSAHA

BENGALURU TECH SUMMIT
LIBRARY
- Computerised Library
- Book Bank, DELNET, Reprographic facilities
- DSpace (HR, NPTEL)
- Web - OPAC on Internet
- 55,880+ Volumes, 100+ Print Journals
- VTU consortium for e-resources
- Remote access to e-resources with 5,300+ e-journals
- Digital Library with 92 Nodes
- Language Laboratory

SPORTS & GYM
Events Organised
- Inter-University, Zonal, VTU Tournaments
- Coaching camps
- Inter-class Sports events
- Sports competition for Hostelites
- Sports competition for staff members

Facilities
- Indoor Sports: TT, Badminton, Carrom, Chess
- Outdoor Sports: Football, Basketball, Volleyball, Cricket, Tennis
- Gym facilities

TRANSPORT
- A fleet of 13 buses with GPS facility
- Safe, Reliable, & Student-friendly system
- Covers main locations of Bengaluru city

HOSTEL
- CoEd Hostel in Yelahanka New Town
- Boys’ hostels located within the campus
- Hostel for International Students
- Outsourced PG Facility
- Medical Centre - Doctor in Hostel
- RO water facility
- Gym Facility
- CCTV Surveillance
- Daily Housekeeping
- Reading Room

WI-FI
- Wi-Fi enabled campus
- 550 Mbps bandwidth
- Stand-by Internet Lab

MEDICAL FACILITY
- Ambulance 24x7
- Medical Insurance
- Medical Centre - Doctor in campus

ENTREPRENEURSHIP CELL / INNOVATION CENTRE / INCUBATION CENTRE
- Students encouraged to float ideas
- Access to High-end computing systems and software
- Interaction with Startup Experts, Alumni
- Idea Conundrum conduction
- Incubation facility
- MHRD Recognized Innovation Centre

MEMORANDA OF UNDERSTANDING (MoU)
BMSIT&M has signed MoU with the following companies to set up labs within the campus, enable its students carry out research projects, train them on emerging technologies and make them more competent to perform well in the industry.

CAFETERIA
INTERNATIONAL COLLABORATION

Distinguished professors from various foreign universities like OSU (Virginia), UNF (Florida), USD (South Dakota), OSU (Oregon) regularly visit BMSIT&M and interact with staff and students.

MELTON FOUNDATION

The Melton Foundation brings together talented youngsters of different cultures on to a common platform. It has five member countries viz. USA, China, Chile, Germany & India. BMScE and BMSIT&M are the only institutes in India which are part of the Melton Foundation. 13 BMSIT&M students are fellows of Melton Foundation as on date.

STUDENTS’ ACCOMPLISHMENTS

Students have Completed:
- Joint Research publications with faculty members
- Project POC development through Innovative Projects

Students have Secured:
- VTU Ranks and Gold Medals
- Google Summer of Code scholarship
- Admission for Higher Education in QS Ranked Universities
- Best IEEE Students Chapter Award
- KCST Project Funding
- Scholarships of a variety
- Technical / Cultural / Sports Awards (State and National Levels)

Students have Participated in:
- Pamkhada purna vehicle with PM
- National and International Events

Students have Become:
- 46 Entrepreneurs

PLACEMENTS

The students of BMSIT&M are trained in soft skills such as personality development, group discussion, mock interview, aptitude etc. For complete details on placements, visit our website https://bmsit.ac.in. Alumni mentoring with focus on current industry trends, expectations, career prospects etc. is provided regularly.

Semester-wise Placement Training: Students’ employability tests conducted by training partners help identifying the critical areas to be addressed. To strengthen this and to make students more industry ready, semester-wise placement training is conducted for students from first year onwards.

SOME OF OUR TOP RECRUITERS.....

![Recruiter Logos]

...and many more....
EMPLOYERS ENDORSE

Mrs. Santhi Kalan
Director, CCI Cyber Security.
Cognizant

I have seen that the faculty at BMSITAM are committed to bring the best out of students. Students seem to come with a well-rounded personality, laid on a strong technical foundation. Through well-maintained, relevant facilities and meaningful events, they help a teenager grow into a full-fledged professional ready for the industry.

Mr. Bhashish Joshiwara
Test Engineer Director
SoniIColl

I have found BMSITAM very methodical and proactive, as an organization. BMSITAM students are also bright and picks up the technology with ease. Various innovative practices at BMSITAM makes its students industry-ready.

Mr. Carvalho Hitte
Talent Acquisition, CommScope

I have been in the Recruiting Profession and have seen many Institutes of various ranks (IT, NIT, Tier 1 Colleges, B-Schools). Always rank BMSITAM one of the best colleges I have come across for Quality of students, their readiness to face the corporate world. Could see the Management and Staff always working on Self Improvement Model to ensure they give the best of the industry exposure to all our future engineers of our Nation.

I am sure days are not far where we will see more innovation coming from this Institute, their alumni which will lead towards "Make in India" and "Aatma Nirbhar Bharat" vision.

ALUMNI TALK

Ms. Aishwarya Srikanth
Manager, Accretion
Batch of 2002-06, CSE

I was part of the first batch of Engineering at BMSITAM. The foster care given at BMSITAM has allowed me to begin and sustain a successful and fulfilling career at the top IT firms in the world. The focus on the fundamentals, dedication of my professors to support and enable the students, has led to building a strong foundation and a stepping-stone to jump start my career in the IT industry.

The ethos of this Institution helped me turn into a confident person with a go-getter attitude. I continue to cherish my association with this esteemed Institution and wish all success and glory. I am forever proud to be a BMSITian.

Mr. Aditya Sinivasan
Client Service Manager, Akamai Technologies
Batch of 2007-13, TCE

The BMSITAM is the place where students find the perfect intersection of technology, knowledge and skill-based learning that is led by some of the finest minds in the country: all committed to help them strike out into the world as leaders of tomorrow. Bringing in their rich experiences from academia and industry, faculty members made my engineering journey exciting, fun and an enjoyable experience overall. In particular, my love for computer networking, networking and the distributed architecture of the internet was kindled during my years at BMSITAM- a time and experience that I am incredibly proud about, and to teachers to whom I remain forever grateful. Thank you BMSITAM.

STUDENTS SPEAK

Mr. Ananth Bhat
8th Sem, ECE

BMSITAM has been a wonderful journey for me with full of opportunities and learning. Be it skill development through projects, workshops and hackathons or leadership opportunities in fests, placements. I would like to thank our faculty, the most supportive, at all times. Together they provided the right guidance and made available the right resources when needed. The insights I have gained will definitely influence my professional career as I embark into professional life soon.

Ms. Chandana N Swamy
8th Sem, Civil

From the time I entered into BMSITAM, I have been involved in various activities, be it organising tech-cultural festivals, Teacher's day, fresher's day, Graduation day etc. I have got all opportunities and a stage to showcase my talent, be it Singing, Dancing, photography.

The best experience BMSIT has given me is NCC!

Being the Student Placement Co-ordinator for Placement Cell has helped me not only to understand how the industries functions but also learnt to co-ordinate and communicate with students very well!

All these aspects of college have made me more well-rounded as a person.

PARENTS EXPRESS

Mr. Satyanarayana R Mudunuri
Parent of Mr. Thivikann Mudunuri
8th Sem, BIE

My son has graduated from BMSITAM and I couldn't be more pleased with how the last 4 years have turned out for both my son as well as myself as a parent. I was immediately impressed when I visited this beautiful institute for the first time in 2016 and my opinion about the college hasn't waned even the slightest. I have frequented BMSITAM quite a few times for annual fests, seminars, and parent-teacher meetings held every semester. The faculty, staff and management care about students' wellbeing and are keen on parents' participation in the development of their wards as well as the advancement of the institute. BMSITAM's infrastructure and pedagogical practices have significantly contributed to my son's growth and success as an engineer. I thank BMSITAM for providing well-rounded college experience.

Mr. J. Arokkara, Mrs. C. Jeya
Parents of Mr. A. Arokkara, 2nd Sem, AIEAIM

We are very happy and proud to get an Engineering seat in AIEAIM, at BMSITAM for our son. Since this was a new course, we had apprehension about it. The guidance given to us about the future prospects of AIEAIM and the steps taken by the college to set up the new labs and other facilities, has cemented our choice. The teachers are very insightful, and their guidance helped my son get selected in the Melton Foundation. Melton fellowship has been a platform for him to interact with a lot of like-minded people around the world and share his views.
ARTIFICIAL INTELLIGENCE & MACHINE LEARNING

WHAT IS ARTIFICIAL INTELLIGENCE?
- It is the intelligence in machines which enables them to think, learn and behave like human beings.
- It is the ability of a computer or a computer controlled system to perform tasks commonly associated with intelligent beings.
- It includes developing systems endowed with the intellectual processes characteristic of humans such as ability to reason, interpret, learn and generalize from past experience.

WHAT IS MACHINE LEARNING?
- The process through which systems learn things without being programmed to do so.
- It is a scientific study of algorithms and statistical models that computer systems use in order to perform a specific task effectively without using explicit instructions, relying on patterns and inference instead. It is seen as a subset of AI.

AI AND ML: THE NEXT DIGITAL FRONTIER

$46 BILLION spent by companies around the world in developing AI capabilities in 2016 - McKinsey Global Institute Report.

60% RISE IN DEMAND for Artificial Intelligence and Machine Learning experts in 2018 - Kello DCG Report.

AI and ML is among the most sought after, highest paid and future secure digital economy skill.

76% of Indian companies feel the shortage of skilled professionals is slowing down their adoption of AI - Intel / IDC.

Which ever country leads the way in AI research will come to dominate global affairs. "Artificial intelligence is the future, not only for Russia, but for all humankind. It comes with colossal opportunities".

- Vladimir Putin, Russian President

APPLICATIONS OF ARTIFICIAL INTELLIGENCE

Artificial intelligence has numerous applications in today’s industry, business & society. Some of the prominent application areas of AI include:

- Healthcare: Better & faster diagnoses, Patient data mining for right treatment
- Agriculture: Precision Agriculture, Satellite enabled crop management
- Business: Chatbots for customer service, Predictive analytics for effective marketing
- Manufacturing: Enhanced Quality control, Predictive maintenance of machinery, Process optimization, Boosting productivity, Efficient supply chain management
- Transport: Self driving vehicles, Efficient traffic management, Auto-ealing
- Automobiles: For smarter and safe automobiles, Managing workflows, Efficient floor management
- Finance: Better value for investment, fraud reduction and management
- Education: Enhancing content learning, Student assessment, Grading automation
- Aviation: Improving operational efficiency, Ensuring safe journey, Better customer satisfaction
- Crime Control: Efficient face recognition, Crime prediction, crime reduction

NOVEL INITIATIVES DURING COVID-19

INTERNATIONAL CONFERENCE

ACADEMIC ACTIVITIES DURING LOCKDOWN
PROFESSIONAL BODIES - INSTITUTION MEMBERSHIP

Industry - Institution interaction is paramount for an Engineering institution to be competitive and stay connected with its stakeholders. In this direction, BMSIT&M has been actively engaged with eminent industry bodies and a few of them are listed below:

- Confederation of Indian Industry (CII) - Karnataka - Panel for Manufacturing
- Institute of Electrical and Electronics Engineers (IEEE) - For Scientific and Engineering Research activities
- Smart Cities India (SCI) - For Multidisciplinary Engineering
- National Cyber Safety and Security Standards (NCSSS) - To engage in the activities relating to creating awareness, providing services and conducting research on Cyber Safety and Security
- The International Society of Automation (ISA) - For educating students and staff on Industrial Automation and providing services to the industry
- Operational Research Society of India (ORSI) - For exchange of knowledge and application of Operations Research techniques

STUDENT CLUB ACTIVITIES @ BMSIT&M

What makes a student life in college all the more enjoyable is being a part of a community or club that provides a platform to share the passion and interests of its students. BMSIT&M provides platform for a wide range of clubs with social and technical interests. Some such student clubs are:

- OIKOS - An active and buzzing Eco-Club with the prime objective to protect, preserve and balance our natural environment. This club creates awareness to staff and students on protecting our mother nature and gifiting it to our future generations.
- Quizcraft - The Quiz club takes pride in being one of the most proactive and popular yet young among the student clubs of BMSIT&M. The primary objective of Quizcraft is to establish itself as one of the finest college quizzing clubs in the city and cultivate a great quizzing panorama in the institute.
- The Programming Club - A Technical club at BMS Institute of Technology and Management which aims to promote programming all around campus. TPC aims at creating a base of strong fundamentals of basic programming by methods which are different than bronning lectures. To keep things competitive and spirited, this club conducts events like Hackathons, Guest Lectures from Industry Experts and much more.

BMSIT&M IN MEDIA

BMSIT&M celebrates technical fest - Metropolis at City Bunglow

BMSIT&M students in forefront of Social Service

Online workshop on “Cyber Security” at BMSIT&M Yelahanka

BMSIT&M students made finalisists in KPTI Sparkle 2020
OUR SISTER INSTITUTIONS

BMS College of Engineering
Bull Temple Road, Bengaluru
www.bmsce.in

BMS College of Law
Bull Temple Road, Bengaluru
www.bmscl.ac.in

BMS PU College for Women
Buglerock Road, Bengaluru
www.bmscw.edu.in

BMS Degree College for Women
Buglerock Road, Bengaluru
www.bmscw.edu.in

BMS Evening College of Engineering
Bull Temple Road, Bengaluru
www.bmsece.in

BMS School of Architecture
Avalahalli, Yelahanka, Bengaluru
www.bmssa.ac.in

BMS Training & Research Institute
Bull Temple Road, Bengaluru

BMS Centre for Executive Education & Distance Learning
KL Road, V V Puram, Bengaluru
www.bmsceedl.com

BMS Evening College of Arts & Commerce (BMSEC)
Basavanagudi, Bengaluru
www bmsec.ac.in

BMS College of Architecture
Bull Temple Road, Bengaluru
www.bmsca.org

BMS College of Commerce & Management
KL Road, VV Puram, Bengaluru
www.bmsccm.in