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

BMSET COUNCIL OF TRUSTEES

Dr. B. S. Ragini Narayan
Educationalist
Chairperson, Donor Trustee & Member Secretary, BMSET

Dr. D. Dayananda Pai
Trustee, BMSET
Chairman, Board of Governors, BMSET
Former Additional Chief Secretary, CoK

Dr. M. Madan Gopal, IAS (Retd.)
Trustee, BMSET
Chairman, Board of Governors, BMSET
Former Additional Chief Secretary, CoK

Dr. Mohan Babu C. N.
Principal

Sri B. S. Narayan
FOUNDER, BMSET

Sri M. Madan Gopal, IAS (Retd.)
CHAIRMAN, BMSET

They Made History By Their Indomitable Spirit

The history of BMS institutions dates back to the year 1946. Late Sri B. M. Sreenivasiah, 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 been the first private engineering college in the country. Sri B. M. Sreenivasiah was conferred with the title ‘Dharmaprabhakara Rajakaryaprasakta’ by the Maharaja of Mysore for his great service in the education sector. The inheritance of his legacy continues to cherish and uphold his vision and ideals.

After the demise of Sri B. M. Sreenivasiah, 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 was 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.

Education in its true sense is a process of empowerment. The intensity, quality and clarity in such processes result into a definite and well-defined outcome. In this context, the New Education Policy 2020 that emphasize "gaining of practical knowledge rather than theoretical bookish knowledge" reflect the national aspirations and contemporary global relevance. The concept of merging the technical education with that of general education, converting single discipline stream to multi-disciplinary, flexible entry and exit options for students will significantly transform the education system and facilitate to reach the greater heights. The mandated content with focus on key concepts, ideas, applications, problem solving with introduction of advanced and appropriate technology enrich and enhance the quality of teaching-learning in holistic manner. The transition period is obviously pose many challenges and precisely the new proposed standards will meet the national aspirations within framework of national ethos.

It’s noteworthy to mention here that all the academic institutions including BMSET under BMS Education Trust are fully prepared to lead the efforts for change and sufficiently geared up to utilize the challenging opportunities in tune with the vision of the founders. BMSET located in a lush green campus, environment friendly ambiance, state of the art facilities, quality human resources provides an ideal platform for students to not only emerge as successful engineers but also develop all round personality to be part of parcel of progress of our great nation. This institution that is evolving as center of excellence, in terms of adequate infrastructure, student friendly facilities, proven credentials, relevant linkages with industry and assured learning outcomes is on the right direction and setting a model to be emulated by similarly placed institutions not only in Karnataka but all over India.

I hereby welcome the students to the learning portals of BMSET and urge one and all to set a new benchmark of excellence and achievement.

Dr. Aviram Sharma
Trustee, BMSET
Chairman, Board of Governors, BMSCCEM

Commissioner
Department of Collegiate Education, DeK Trustee, BMSET (Ex-Officio)

Hello! Welcome to BMS Institute of Technology and Management (Popularly, BMSET) a part of highly reputed BMS group of institutions.

The “BMS“ Brand has been the outcome of exemplary vision, meticulous effort, and undivided commitment of all stakeholders of BMSET institutions over in decades. Today, education at BMSET is a dream of everyone who aspires to be a leader in engineering, simply because the institution has perfectly functional systems in place. BMSET has perfectly synchronized its high-performing academic, personality development and administrative subsystems to produce competent engineers who can take on real-time challenges and continuously engage in improvement of these subsystems. As a feather in its cap, BMSET is the first college in India under AICTE to start a new BE program in Artificial Intelligence and Machine Learning. The education at BMSET is well aligned with the national goal of sustainable, equitable and inclusive economic development.

The Management of the institute has been very proactive in: (i) building world-class infrastructure, modern classrooms and state-of-the-art laboratories; (ii) allowing free hand to create exceptional human capital for teaching, research and extension services; and (iii) facilitating the creation of a conducive environment to nurture quality engineers and entrepreneurs. The lush green and serene campus of 21.5 acres is an ideal place for anyone to pursue academic, research and professional interests. The highly qualified, experienced, and competent faculty and staff members have dedicated themselves to implement in true spirits the Outcome Based Education (OBE) which is the contemporary international standard of education. The faculty members’ interest to work closely with students and counsel to make them stress-free has no match. As a result, our students are fully industry- and society-ready and it is reflected in their exceptional placement and internship opportunities. Further, more than 40 students have successfully pursued entrepreneurship while many others have pursued higher education in top QS ranked institutions across the world. Our engineering graduates are uniquely trained, highly employable and deep. The AICTE-CII survey of Indian educational institutions ranked BMSET’s industry engagement in the topmost “Platinum” category during 2019.

The institute is very environment-friendly with captive sewage treatment plant, solar water heaters, rainwater harvesting systems, and minimum plastic use policy. We are proud to claim that we are a Zero-In-Negative campus. Hostel facilities are very good and known for high quality food, and hygiene and healthy environment. The campus is completely ragging-free and safe for students. The opportunities for sports and multi-cultural activities is enormous. Round-the-clock security, complete CCTV surveillance, high bandwidth campus-wide Wi-Fi network, 24x7 power supply, continuous high-speed internet, world-class transport system, and most importantly, the best testimonial to our commitment to provide the best lifestyle to BMSIans. What more can one ask for? It’s a dream place for anyone to get transformed into a valuable engineer. It could be your or your ward’s dream too. Welcome to BMSET again!!
ABOUT BMSITM

BMS Institute of Technology and Management was established in 2002 under the auspices 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.

LOCATION

The lush green 2.5 acre campus of the institute is located on Doddaballapura Main Road, 5 km from Yelahanka town and within a radius of 10 km from Bengaluru International Airport.

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.

MISSION

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

GREEN CAMPUS

- Eco Friendly Campus with maximum Green Cover
- 3000+ trees, ornamental plants, fruit bearing plants, medicinal & 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

UG COURSES OFFERED

<table>
<thead>
<tr>
<th>Course</th>
<th>Approved Intake</th>
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<tbody>
<tr>
<td>Electronics and Communication Engineering (ECE)</td>
<td>180</td>
</tr>
<tr>
<td>Computer Science and Engineering (CSE)</td>
<td>180</td>
</tr>
<tr>
<td>Mechanical Engineering (ME)</td>
<td>60</td>
</tr>
<tr>
<td>Electrical and Electronics Engineering (EEE)</td>
<td>60</td>
</tr>
<tr>
<td>Electronics and Telecommunication Engineering (ETE)</td>
<td>60</td>
</tr>
<tr>
<td>Information Science and Engineering (ISE)</td>
<td>180</td>
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<tr>
<td>Civil Engineering (CV)</td>
<td>60</td>
</tr>
<tr>
<td>Artificial Intelligence and Machine Learning (AI &amp; ML)</td>
<td>60</td>
</tr>
</tbody>
</table>

PG COURSES OFFERED

<table>
<thead>
<tr>
<th>Course</th>
<th>Approved Intake</th>
</tr>
</thead>
<tbody>
<tr>
<td>Master of Computer Applications (MCA)</td>
<td>60</td>
</tr>
<tr>
<td>M.Tech. - Machine Design</td>
<td>18</td>
</tr>
<tr>
<td>M.Tech. - Computer Science &amp; Engineering</td>
<td>18</td>
</tr>
</tbody>
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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 aggregate marks in Pre-University or XII standard or equivalent examinations
- Minimum 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 65% 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 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 65% 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:
- TECHSHETRA (ECE)
- CINNOVI (CIV)
- INFINUM (ISE)
- TEKRUTHI (TCE)
- SEMAPHORE (CSE)
- UTHKANANA (MECH)
- VIDYORTH (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 Govt. 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.

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 internship 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.

STUDENT SUPPORT / EMPOWERMENT
- Faculty facilitates for First Year Students
- Proctor System & Parent - Teacher Meets
- Online Student Feedback system
- Fee concession and Scholarships, as applicable
- Book Bank Facility
- Group Medical Insurance
- SMS Based alerts - Attendance/AM 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
LIBRARY
- Computerised Library
- Book Bank, DELNET, Reprographic facilities
- DSpace (IR), NPTEL
- Web - OPAC on Intranet
- 55,800+ 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-collegiate, 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 facility

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

HOSTEL
- City Hostel in Yelahanka New Town
- Boys’ hostels located within the campus
- Hostel for International Students
- Outsourced PC 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 Contests 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
2002-03
- Institute established with 3 UG programmes - CSE, ECE, MECH
- Academic Block with G+1 floors built
- 9 Faculty Members with Ph.D

2003-04
- 2 UG programmes TCE, EEE and 1 PG (MCA) programme established
- Academic Block - 2nd and 3rd floor built
- First Melton Fellow from BMSIT&M

2004-05
- Placement Cell inaugurated
- Industry Institute Interaction initiated
- First Annual Magazine - Mamatha published
- College Logo released
- VTU R&D Centres in Mech and Maths

2005-06
- First College fest - UTSAHA organised
- First Batch Students Passed out
- Placements to First Batch - 85%

2006-07
- VTU Rank
- NSS Chapter Started
- Alumni Association inaugurated

2007-08
- 2 VTU Ranks and Gold Medal
- Open Amphitheatre Inaugurated
- ISTE Chapter inaugurated

2008-09
- 2 VTU Ranks
- KSCST Projects Submission

2009-10
- 3 VTU Ranks
- Student Satellite (STUDSAT) launched in association with SSR
- CSE/EEE - Increase in intake to 90
- Asia University, Taiwan delegation visit

2010-11
- 4 VTU Ranks
- 50th Rank in India by Outlook Magazine
- BSN Block - G+2 Floors Built
- ISE Programme started

2014-15
- 45th Rank in India by Outlook
- AAA Rating by Careers 360
- 2 M.Tech. Programmes started
- 2 VTU Ranks
- VTU Permanent Affiliation to OE, MECH, MCA Programmes
- Emerging Institute
- BSN Block - 4th and 5th Floor
- First Employers Meet held
- OBE practices implemented
- Incubation centre started
- 29 Faculty members with Ph.D

2015-16
- 42nd Rank in India by Outlook
- AAA+ Rating by Careers 360
- 4 VTU Ranks and Gold Medals
- KPT Promoting Innovator Award
- CI\Membership
- UGC 2+ obtained
- Best IEEE Chapter
- Student excellence award by Dataguest
- Outstanding engineering institute-south by Vijaypranii
- Startup Meets held
- TedX Event held
- Tech Transform conducted

18 Years of Our Journey Towards EXCELLENCE

2016-17
- NIRF - 95th in India, 8th Karnataka, 5th in Bengaluru
- NBA status to 5 UG programmes
- Prize for EkoCart in SAE competition
- Czech Republic delegation Visit
- Collaboration with ODU
- Laboratory Block - G+4 Floors built
- Innovation Centre started
- VTU Permanent Affiliation to ECE, IEE, EEE
- 3rd Employers Meet held
- 37 Faculty members with Ph.D

2017-18
- Accredited by NAAC with 'A' Grade
- NBA Accreditation for ISE, MCA
- Permanent affiliation to CSE, ECE, MECH, TCE, EEE, ISE, MCA
- Buses fitted with GPS system
- CSE/EEE - Increase in intake to 180
- 43rd Rank in India by Outlook Magazine
- AAAA Rating by Careers360 Magazine

2019-20
- AIBML - UG Programme started
- Ranked in Platinum Category by CIE-AICTE Survey
- NIRF - 169th Rank
- MHDRD - Innovation Council Recognition
- 75 Faculty members with Ph.D
- ISE - Increase in intake to 180
- 7 VTU Ranks - Online Classes
- New Main Entrance Inauguration

2018-19
- NIRF- Increase in intake to 120
- Ranked In Gold category by CII - AICTE survey
- Higher Education cell established
- 24x7 CCTV Surveillance installed
- Gym Facility at Hostel provided
- Scholarships from Alumni Association initiated
- 58 Faculty members with Ph.D
- NCSSS Institute Membership
INTERNATIONAL COLLABORATION

Distinguished professors from various foreign universities like OOU (Virginia), UNF (Florida), USD (South Dakota), OOU (Oregon) regularly visit BMSITM 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. BMSEC and BMSITM are the only institutes in India which are part of the Melton Foundation. 13 BMSITM 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
- KSCST Project Funding
- Scholarships of a variety
- Technical / Cultural / Sports Awards (State and National Levels)

Students have Participated in:

- Pankhada, pe charcha 2.0 with PM
- National and International Events

Students Have Become:

- 46 Entrepreneurs

INTERNSHIPS

- 2016-17: 103
- 2017-18: 188
- 2018-19: 242
- 2019-20: 111

- NO OF COMPANIES VISITED

- 2020: 78
- 2019: 97
- 2018: 98
- 2017: 79
- 2016: 75

- NO OF OFFERES MADE

- 2020: 446
- 2019: 461
- 2018: 350
- 2017: 360
- 2016: 406

PLACEMENTS

The students of BMSITM are trained in soft skills such as personality development, group discussions, mock interviews, aptitude etc. For complete details on placements, visit our website https://www.bitac.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....

- PricewaterhouseCoopers
- Cognizant
- Accenture
- SAP
- Dell
- IBM
- TCS
- Infosys
- Capgemini
- Siemens
- HCL
- Mindtree
- NTPC
- Mphasis
- TCS
- Wipro
- and many more....
EMPLOYERS ENDORSE

Mrs. Santhi Kaza
Director, CII Cyber Security,
Cognizant

I have seen that the faculty at BMSITAM are committed to bringing 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. Bhushit Joshiupara
Test Engineer Director
Socionext

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 Hitler
Talent Acquisition, CommScope

I have been in the Recruiting Profession and have seen many Institutes of various ranks (IT, NIT, Tier 7 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 Srikant
Manager, Accenture
Batch of 2002-06, CSE

I was part of the first batch of Engineering at BMSITAM. The fostering 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 with all success and glory. I am forever proud to be a BMSITian.

Mr. Aditya Srivinasan
Client Service Manager, Akamai Technologies
Batch of 2007-11, IEC

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.

Mr. J Akkarayi, Mrs. C Jeya
Parents of Mr. A Anir-Josephraj
2nd Sem, AISKL

We are very happy and proud to get an Engineering seat in AISKL 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 AISKL 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.

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 organizing tech-cultural festivals, Teacher’s day, fresher’s day, Graduation day, Engineer’s 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. Sathanarayana R Mudunuri
Parent of Mr. Thilakaraj Mudunuri
8th Sem, EIE

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.
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

$48 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 - Kelley OCG 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.

Whichever 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-failling

ACADEMIC ACTIVITIES DURING LOCKDOWN

8371
371
3287
593
371
526
419

NOVEL INITIATIVES DURING COVID-19

INTERNATIONAL CONFERENCE

8726
991
419

593
991
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371
526
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3287
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Industry - Institute interaction is paramount for an Engineering institute 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

- **IEEE (Institute of Electrical and Electronics Engineers)**
  - For Scientific and Engineering Research activities

- **SMART CITIES INDIA FOUNDATION**
  - 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

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**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 gifting it to our future generations.

- **Quizcraft** - The Quiz club takes pride in being one of the most proactive and popular yet young club 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 driving lectures. To keep things competitive and spirited, this club conducts events like Hackathons, Guest Lectures from Industrial Experts and much more.

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**BMSIT&M IN MEDIA**

- **At the helm of educational excellence**
  - The best in the South! BMS Institute of Technology and Management

- **BMSIT celebrating technical fest**
  - [Description and details about the event]

- **Metro**
  - Event on startups

- **Deccan Herald**
  - [Content and details about the event or article]

- **Project Exhibition at BMSIT&M**
  - [Details and highlights of the exhibition]

- **Online workshop on "Cyber Security" at BMSIT&M Yelahanka**
  - [Details about the workshop and its significance]

- **BMSIT&M students in forefront of Social Service**
  - [Details about the students' involvement and their impact]

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**BMSIT&M students emerged as finalists in KPI Sparkle 2020**

- [Details and highlights of the competition and the student's participation]
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.bmscsw.edu.in

BMS Degree College for Women
Buglerock Road, Bengaluru
www.bmscsw.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

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