



BMS

INSTITUTE OF TECHNOLOGY AND MANAGEMENT

An Autonomous Institute Under VTU, Accredited by NBA and NAAC Yelahanka, Bengaluru-560119.

Volume - 11, Issue – 05 Monthly Newsletter / May - 2025









LATE SRI. B. M. SREENIVASAIAH
Founder
BMS College of Engineering

LATE SRI. B. S. NARAYAN
Founder
BMS Educational Trust

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

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Presented by: Dr. Sanjay H A Principal, BMSIT&M

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Students Achievements

- Mr. Akash J P 6th Sem. A Section selected IEEE AESS Student and Young Professionals (SYP) Travel Grant of \$800 for the upcoming AESS SYP event in Nairobi, Kenya taking place from Aug 13th to 15th, 2025
- 2. M Krishna Prasad, Kushal Raj GS, Kritik Gianţa, Navanith V, 4th Sem. students Won 3rd place with a cash prize of Rs. 14,000/- at National Level Social Hackathon at CMR Institute of Technology held on 16.05.2025 Project: BIOBLOOM.



- 3. CSE 4th SEM 'A' Section student Abdullah won Third place in "IDEATHON UI/UX Design Competition" held on 24/05/2025, organized by Computer Science Department, BMSIT&M Yelahanka.
- 4. CSE 4th SEM 'B' Section students G Ruchitha, Nalina Ramesh won Third place and a cash reward of Rs 1000 at "Build and Conquer- A hackathon by Alterino" held on 23/05/2025, organized by Alterino club, at BMSIT&M Yelahanka.
- 5. Mr. Fiaz, Mr. Pranav Bhardwaj, Mr. Pavn R. Bhat, and Mr. Pracheth Kashyap of 4th semester ISE secured 2nd place in the 24-hour Hackathon "Impulse 2025", held on 9th and 10th May 2025, organized by SJBIT.





- 6. V Charith Reddy and Kalyan R of II semester CSE, showcased their knowledge and interest by participating in the IEEE ComSoc PowerPlay Cricket Quiz organized by IEEE at BMSIT on 28.05.2025.
- 7. Jujjarapu Haneesh of II Semester CSE, participated in the ComSoc PowerPlay 2K25 Quiz, organized by IEEE ComSoc BMSIT on 28.05.2025., demonstrating commendable zeal and aptitude.
- 8. Mounesh V of II semester CSE took part in the Build and Conqueror competition organized by the Institution's Innovation Council (IIC) and Alterino at BMSIT, exhibiting innovative thinking and team collaboration.

- 9. A large number of students demonstrated innovative thinking and creativity by participating in the Ideathon-Organized by Department of CSE, BMSIT, 24.05.2025. Participants included: Safakhanum Soudagar, Nihaarika PV, Rekha S, Prasad Balagouda Patil, Rohith Kumar, Nischal Poudel (Won First Prize), Poorvika N, Sanaa Kumari, Niharika R M, Nikhil Shukla, Prathiksha B, Rakshita Bhat, Pathakota Chaitanya Swarup Reddy, S MD Umar Talha Azeez, Ritesh Arun Kulakarni, Shivanand Manami, Rohith Raikar, Neha H, Rakshitha G, Sagar S H, Trinabh Chadha, Rakshith H.
- 10. Nisha Nandisha, IV Semester CSE, actively participated in Gate Bootcamp (CS & AI Edition) Organized by IEEE Computational Intelligence Society Student Branch, BMSIT on 16.05.2025, aimed at enhancing career readiness in competitive exams and AI fundamentals.
- 11. Trinabh Chadha, IV semester CSE, participate as volunteer on the event GIT Set Go Organized by OScode Club, ON 29.05.2025, at BMSIT.
- 12. G. Ruchitha and Nalina Ramesh of IV semester CSE, won 3rd Prize in ALTERINO, organized by the Department of CSE, BMSIT on 23.05.2025.
- 13. Abdullah secured 3rd Prize in the Ideathon UI/UX Design Competition, conducted by the Department of CSE, BMSIT on 24.05.2025.
- 14. Milan Sampath, Mohammed Talha and Ashutosh Sharma (2nd Semester, CSE) have won the IoT Track Prize at Hacks 2025, a 48-hour National Level Hackathon hosted by Nitte Meenakshi Institute of Technology from 16.05.2025 to 18.05.2025.



- 15. Team INFINITECH from the VI semester CSE secured 1st place at Hackathon 2025, organized by Nagarjuna College of Engineering & Technology. The winning team members: Nithin Reddy PN, Sai Mohith, Sanath R (1BY23CS414). Their project, NexWatt an innovative wireless EV charging solution integrating both hardware and software was recognized as the best among several top-notch entries. 30.05.2025 to 31.05.2025.
- 16. Ms. Supriya Gouda and Mr. Harshal S. L. of 4th semester, Department of ISE, secured Second Place in the "Prompt to Product" competition at Srishti 2025, held on 23rd to 25th May 2025 at Acharya Institute of Technology.



17. Mr. Sarthak Rawat, Mr. Ankit Singh, 4th sem Department of ISE won 1st prize in Build Verse: National Level Hackathon at Scalar School of Technology on 25.05.2025.



18. Team Garuda of Srijan U, M Sharan kumar Reddy, of 4th sem ECE attended Symbiot-25, 24 hours National level hacakthon competition at VVCE Mysore on 8th and 9th May 2025 and exhibited "Wireless EV Charging stations" model. Team Garuda won 1st Prize in the Hardware Track with a cash pize of 15,000 and a Trophy under the guidance of Dr. Raghunandan G H.





19. Team Spatika Tarun Patil, Sri Srujan Hari T, Harshitha K V, Nitish K S, of 4th sem ECE has secured the 1st Prize in Project Expo track, Srishti 2025 at Acharya institute of Technology for the project title, "Smart Automated Feeding and Environmental Monitoring System for Sericulture" on 25/05/2025.

20. Team Garuda Of Srijan U, M Sharan Kumar Reddy, of 4TH Sem ECE has secured the 3rd prize in Project Expo track, Srishti 2025 at Acharya institute of Technology for the project title "Wireless EV Charging stations" on 25/05/2025.





21. Mr. Shreyas M.N from 6th semester EEE participated in an interdisciplinary project as part of Team SRJAN. The team from BMSSA and BMSIT&M won Runner-Up in Solar Decathlon India (Construction Workers' Housing Division), held on 24.05.2025 at Infosys Campus, Mysuru. The event recognized their modular, netzero housing design. The project was developed in partnership with Century Real Estate Holdings Pvt. Ltd. and stood out among national entries for its practicality and impact.

22. Mr. Vishal S., a second-semester MBA student, has been honoured with the prestigious State Award by the Department of Youth Empowerment and Sports, Government of Karnataka, in recognition of his outstanding service to society and commitment to social well-being. He received the award from His Excellency, the Governor of Karnataka, Shri Thaawarchand Gehlot.



23. Mr. Srujan Bhat, a II Semester MCA student, secured II place in the event IDEATHON conducted as part of Abhyuday, inter-collegiate technical fest organized by the Department of MCA at M S Ramaiah Institute of Technology on 16.05.2025.





24. As part of Project-Based Learning, II Semester MCA students Mr. Sunny and Mr. Venu G. R. successfully conducted a client meeting for requirement elicitation for their application development project "Trees Geo-Tagging and Carbon Sequestration Assessment System for Ecological Parks" focused on the Sustainable Development Goal– Life on Land on 20.05.2025.

Professional Activities

- 1. The AR VR HUB of CSE & AIML had organized the orientation session on 20th May 2025 at 11.00 AM for The Changemakers World Cup, powered by <u>1M1B (1 Million for 1 Billion)</u> a global initiative aligned with the UN to empower young leaders and innovators. This prestigious platform identifies India's Top 500 student changemakers, offering life-changing opportunities including:
 - National recognition as a Top Changemaker.
 - Leadership and innovation on campus.
 - Chance for the Top 50 to present at the 1M1B Activate Impact Summit at the United Nations HQ, New York.





2. Aero Club Activity: MACHQUEST 2025 was a flagship aviation and drone-based competition hosted by the Aero Club of BMSIT&M, aimed at bringing together students passionate about aerospace, strategy, and innovation. The event featured three engaging rounds: an aerospace quiz, a strategy face-off, and a hands-on drone assembly and test round. Participants from across departments competed in teams, demonstrating both technical knowledge and creative thinking. The event was inaugurated and addressed by Prof. Madhu, Head of the Mechanical Engineering Department and the club's esteemed faculty guide. In his speech, he appreciated the club's consistent efforts in promoting practical learning through student-led innovation. He also distributed certificates to all participating teams and winners, encouraging students to keep building, flying, and dreaming big. The Aero Club is proudly hosted electrifying event that brought out the best in BMSIT&M's aspiring engineers. With active student participation and support from our faculty, MACHQUEST marked another successful milestone in the club's journey. The ETE and ME 4th semester was enriched with their technical sharpness and creative improvisation, this team claimed the third spot.





3. The Department of ME, BMSIT organised an expert lecture by Mr. Jayachandra P, Senior Manager, Tenneco, Bengaluru who delivered an insightful guest lecture on the topic "Design and Development of Pistons and Piston Rings" on 29th May 2025. The event was organized to provide students with an in-depth understanding of the critical components of internal combustion engines and their design complexities. Mr. Jayachandra began the session by explaining the fundamental role of pistons and piston rings in engine performance, highlighting their importance in maintaining efficiency, reducing friction, and controlling emissions. He elaborated on various materials used during manufacturing, the design considerations for better sustainability and better thermal resistance.





4. The sixth-semester students participated in the Solar Decathlon India competition and secured the runners-up position, showcasing their innovation and commitment to sustainable design.



5. The IEEE WIE Affinity Group of BMSIT&M formally inaugurated its Student Chapter alongside the launch of its flagship technical event, I.D.E.A. HEIST, on 21st May 2025 at the BSN Auditorium. The session also featured addresses by the IEEE Student Branch Counsellor and the WIE Faculty Advisors, who shared their insights and extended their continued support.





6. The Department of ECE organized a webinar on "Basic Life Support for Adults and Paediatric" on 31st May 2025. This event is conducted under the Biomedical Engineering Society of India Chapter and the resource person was Dr. Deepak K R.

Student Workshops/Events Conducted/Organised

1. The Department of Computer Science and Engineering at BMS Institute of Technology and Management (BMSIT&M), Yelahanka, Bengaluru, organized a hands-on workshop titled "Agentic AI Projects – Re-

defining Customer Experience Across Industries" on Monday, 5th May 2025 at 1:00 PM in the Aryabhata Lab for 6TH SEM 'A' section students. The session was held in collaboration with Hebbale Academy under the Institution's Innovation Council (IIC) initiative. The workshop was facilitated by Mr. Shashank Shankar, Co-Founder and Chief Tech Mentor at Hebbale Academy, and coordinated by Dr. Dhanalakshmi B.K, Assistant Professor & Prof.Anusha K L, Assistant Professor.





2. The Department of Computer Science and Engineering at BMS Institute of Technology & Management (BMSIT&M), in association with CloudThat and the Institution's Innovation Council (IIC), organized an enriching workshop titled "Demystifying AI and Generative AI – Concepts, Capabilities, and Real-World Impact" on Friday, May 23rd, 2025. The event was held at the Aryabhata Lab, 3rd Floor, Lab Block, from 10:00 AM to 12:00 PM. The session was led by Mr. Sunil Kumar G R, a Subject Matter Expert in Azure at CloudThat and a Microsoft Certified Trainer, who brings with him over 18 years of experience in academia and professional training. The workshop was coordinated by Prof. Beerappa (Assistant Professor, CSE-1) and Prof. Akshay Arya (Assistant Professor, CSE-2), who ensured the smooth execution of the event. The session was well-received by students and faculty, who appreciated the practical knowledge and future-ready skills shared by the trainer.





3. The Department of Computer Science and Engineering at BMS Institute of Technology and Management (BMSIT&M), Yelahanka, Bengaluru, organized a workshop titled "Building LLM Applications With Prompt Engineering" on Saturday, 24th May 2025 at 8:30 AM - 5 PM in the Aryabhata Lab, 411A (lab), 411C (lab) for 6TH SEM 'A', 'B' & 'C' section students. The workshop was facilitated by Dr. Vivek Mehta, Assistant Professor, Benne University of the Times Group, Greater Noida, U.P. and coordinated by Dr. Mohammed Khurram J (Cluster 1), Assistant Professor, Prof. Ajit S (Cluster 2), Assistant Professor, Dr. Neetha P U (Cluster 2), Assistant Professor, Prof. Shama H M (Cluster 3), Assistant Professor.



4. The Department of CSE organized the *Ideathon – UI/UX Design Competition* on 24.05.2025, centered on the theme *Indian Knowledge System (IKS)*. Students from 1st to 3rd year of CSE, ISE, and AI/ML showcased their creativity by designing logos and developing mobile and web application prototypes using Figma.



5. As part of Partial Delivery of lecture for the course: Blockchain Technology, workshop on BLOCKCHAIN APPLICATION DEVELOPMENT ON ETHEREUM was conducted on 23.05.2025 and 29.05.2025. Mr. Kushal Lokesh, Web3 Expert & Tech Innovator, NFThings, Bengaluru, was the resource person for the workshop. Sixty students participated in the workshop.





6. The Department of ISE organized a partial delivery session on the DBMS course for 4th semester students, titled "*Deep Dive into Transaction Processing*", on 31st May 2025. The session was delivered by Mr. Mahatesh C. Angadi, Technical Head, Sakhatech Technology Pvt. Ltd., Bengaluru, at BMSIT&M. Coordinators: Dr. Sheela Kathavate, Dr. Gireesh babu, Dr. Rakesh and Prof. Harika.





7. The Department of ISE organized a workshop on **IoT** for 2nd semester students on 24th May 2025 at BMSIT&M. The session was conducted by Mr. Koushik M. S., SST Technologies. Coordinator: Dr. Basavaraj G N and Dr. Savitha S.





- 8. The Department of ISE organized a two-day workshop on **Generative AI** from 23rd to 24th May 2025 at BMSIT&M. The session was handeled by Mr. Sreekanth Jere from Accenture, aiming to tap into the current industry pulse as part of our curriculum enhancement efforts. Coordinators for the workshop: Dr. Shoba M, Dr. Ravikumar B N, Dr. Kalaivani and Prof. Shilpa.
- 9. The Department of ISE organized an expert talk on *Cloud Application Development* on 30th May 2025 at 10:30 AM in the Seminar Hall, 2nd Floor, BSN Block, BMSIT&M. The session was delivered by Mr. Nivin Srinivas, Senior Data Engineer at SurveyMonkey, Bengaluru. Coordinators: Dr. Swetha M S, Dr. Srinivas B V, Prof. Malini M.





10. The Department of Information Science and Engineering organized a **Project Exhibition** for 8th semester students on **24**th **May 2025** at the BSN Block, BMSIT&M. The event showcased innovative projects developed by the students, reflecting their technical skills and creativity.





11. The Department of Information Science and Engineering organized a **Parent-Teacher Meeting** for 4th semester on **24th May 2025** at the BSN Block, BMSIT. The meeting provided a valuable platform for parents and faculty to engage in meaningful discussions regarding students' academic progress, overall development, and future aspirations.





12. The Department of Electrical and Electronics Engineering in association with the Institution's Innovation Council (IIC), organized a one-day Hackathon for the 6th semester students on 26.05.2025. The event focused on the Design and Simulation/Implementation of an Efficient Power Electronic Converter for Li-ion Battery Charging and Discharging. The hackathon provided EEE students with a hands-on platform to apply theoretical concepts in practical scenarios, fostering innovation, teamwork, and problem-solving. With strong faculty support and enthusiastic student participation, the event highlighted the department's commitment to industry-relevant, experiential learning. The faculty coordinators were Dr. Narapareddy Ramarao and Dr. Babu Naik G.





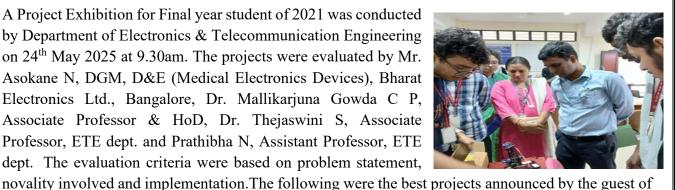
13. A project review and exhibition was conducted for the 8th semester students of the Electrical and Electronics Engineering department on 16.05.2025. Eighteen projects were reviewed. External

evaluator Mr. Amarnath, General Manager, from Karnataka Renewable Energy Development Limited, KREDL was the judge for the project exhibition.





14. A Project Exhibition for Final year student of 2021 was conducted by Department of Electronics & Telecommunication Engineering on 24th May 2025 at 9.30am. The projects were evaluated by Mr. Asokane N, DGM, D&E (Medical Electronics Devices), Bharat Electronics Ltd., Bangalore, Dr. Mallikarjuna Gowda C P, Associate Professor & HoD, Dr. Thejaswini S, Associate Professor, ETE dept. and Prathibha N, Assistant Professor, ETE dept. The evaluation criteria were based on problem statement,





honour Mr. Asokane. "BCI Based Prosthetic Devices" by Prekshak Sai GH, Sagar BS, Suhas Kini, and YVasanth, under the guidance of Dr. Thejaswini S, Associate professor, Dept. of ETE and "Respira – Ventilator Enhanced by Artificial Intelligence" by Koyal Ranjit Debnat, Prasad R Kakde, R Chandana and Swarnaranjani B under the guidance of Dr. Raju Hajare, Professor, Dept. of ETE & Dr. Siddig Igbal, Assistant Professor, Dept. of ETE were announced as winning projects.

15. An expert talk was organised by Department of Electrical and Electronics Engineering on "Entrepreneurship Journey – Motivational session by Start Up Co-founders" held on 31.05.2025 for 4th semester students. Start-up co-founders Mr. Srinivas Mishra and Mr. Prateek Sable from Fastr India Pvt. Ltd. shared insights on initiating entrepreneurial thinking. The students were made aware of the how to tap the opportunities available in the surroundings and act upon to provide the solutions to the problems. The speakers also stressed upon the observation of the market status and demand before jumping into any product or service.





16. A Students workshop on Universal Human Values was conducted for IV semester, all three sections of AIML on 26.05.2025, ECE A section, ME and CSBS on 27.05.205 and ECE B section, ETE and ISE D section on 30.05.2025. The workshop was conducted by Disha Bharat, a voluntary organization dedicated to promoting value education. The workshop included sessions on "Know Yourself", "Know your culture" and "Know

- your country". The session was interactive wherein students were engaged through games, questionnaires and feedback sessions.
- 17. An expert talk on "Scientific Computing Real-World Applications with Differential Calculus and Numerical Methods" was conducted for second-semester CIVIL and EEE students by Dr. Sushma T. C., Assistant Professor, Department of Mathematics, NMIT, Bengaluru on 30.05.2025. This was coordinated by Dr. Sreelakshmi T. K. and Dr. Sumati Thareja.
- 18. An expert talk on "Sustainability by Design" was conducted for second-semester ECE-1 and ECE-2 students by Dr. Suman Devadula, Associate Professor, Jain School of Design, Media & Creative Arts, Bengaluru on 23.05.2025. This was coordinated by Dr. Arnab Battacharya.
- 19. An expert talk on "Role of Discrete Mathematics in AI" was conducted for fourth semester CSE and AIML students by Dr. Chandrakala, Professor and Head of the Department of Mathematics, Nitte Meenakshi Institute of Technology, Bengaluru on 07.05.2025 This was coordinated by Dr. Karabi Sikdar and Dr. Saroj Revankar.
- 20. An online group discussion was organized for II semester MCA students on 02.05.2025 as part of the ongoing Professional Grooming and Placement Preparation Course. Sessions are led by Mr. Bhaskar Pai, former CEO of GE Lighting & Appliances South Asia and Zumtobel Lighting South Asia, the workshop focused on the holistic development of students for placement readiness. Each participant will receive a personalized AI-generated performance report, providing detailed metrics and peer comparisons.
- 21. On 22.05.2025, a technical talk titled 'Cloud-Driven DevOps: Unlocking Agility' was delivered by Mr. Dhanabal, a Microsoft Certified Trainer, at the MCA Seminar Hall, BMSIT&M, Bangalore. The well-attended session provided the II Semester MCA students with valuable insights into the working of DevOps and its role in accelerating the deployment of new software feature.
- 22. Department of Civil Engineering has Organised Webinar on "GATE, Higher Education and other competitive exams" for all students on 12.05.2025 at at Room No. 206 Lab Block, Lab Block. Resource persons: Mr. Farzaib Baig, Manager- Business Development, NICMAR (Coordinator: Dr. Chandrashekharappa A, Dr. Anupkumar G Ekbote, Dr. Deepak M.S).
- 23. Department of Civil Engineering has conducted 6-days training program on Revit Software, designed to enhance students' technical skills and proficiency in design and drawing. The training was conducted by experienced professional from M/s Medini Technologies Bengaluru for All the students of 4th semester students from 5-05-2025 to 10-05-2025 at CAD Lab, 1^a Floor, LAB Block, Civil Engineering Department, BMSIT. (Coordinator: Mrs. Shobha R Y, Dr. Chandrashekharappa A, Dr. Marsh M Bandi, Tech Staff: Ravikiran K.C).
- 24. Department of Civil Engineering has conducted 5-days training program on Primavera Software, designed to enhance students technical skills and proficiency in design and drawing. The training will be conducted by experienced professional from M/s Medini Technologies Bengaluru for All the students of 6 th Semester from 26-05-2025 to 30-05-2025 at CAD Lab, 1^a Floor, LAB Block, Civil Engineering Department, BMSIT&M. (Coordinator: Mrs. Shobha R Y, Dr. Chandrashekharappa A, Dr. Vinod B.R, Tech Staff Staff: Ravikiran K.C).





25. The Department of Civil Engineering at BMSIT&M, in collaboration with the ICE Student Chapter, organized a panel discussion titled "Bridging the Gap" to strengthen the academia-industry interface. Eminent professionals from leading firms like AtkinsRéalis, AECOM, Arcadis, and BIAL shared expert insights on innovation, professional development, and real-world engineering practices. The event saw active participation from over 150 students, fostering dynamic interaction. Faculty member Shimna Manoharan and Dr Chandrashekarappa coordinated the event and contributed valuable academic perspectives as panellists. The session concluded with an engaging Q&A, inspiring students to align their learning with industry expectations.



Industrial Visit

1. An industrial visit was arranged by the Department of AI & ML for 4th semester to "Centum Electronics LTD" Bengaluru on 22/05/2025. Faculty in charge: Prof.Megha, Prof.Shruthi S, & Dr. Archana with 100 students.



2. An industrial visit was arranged by the Department of AI & ML for 4th semester to "Centum Electronics LTD" Bengaluru on 23/05/2025. Faculty in charge: Dr. Rajesh I S, Prof. Umesh T with 80 students.





3. An industrial visit was arranged by the Department of CSE for 4th semester at BEL Academy for Excellence (Nalanda) Bengaluru on 23-May-2025 accompanied by faculty members Dr.Vidya R Pai Asst.Professor CSE and Prof.Gururaj P Asst.Professor CSE with 48 students.





4. An industrial visit was arranged by the Department of Electrical and Electronics Engineering for 4th semester students to Supa Dam on 15.05.2025 and the KPTCL 220/110 kV Substation at Karwar, on 16.05.2025. Supa Dam is a part of the Kali Hydro Electric Project and plays a significant role in renewable energy generation in the state. The students observed the massive infrastructure used for hydroelectric generation, including intake gates, penstocks, Francis turbines, and generators. Officials from KPCL and KPTCL provided detailed technical explanations and conducted guided tours of the facilities. Prof. H.D Kattimani and Prof. Vikram Chekuri accompanied the students.





5. An industrial visit was organized by the Department of Electrical and Electronics Engineering for 6th semester students to the Green Vehicle Expo at Bangalore International Exhibition Centre (BIEC) on 22.05.2025. The expo showcased the latest advancements in electric mobility, including electric cars, two-wheelers, battery technologies, and EV charging infrastructure. Students gained valuable insights into sustainable transportation, emerging trends in green technology, and innovations from various manufacturers and start-ups. Prof. H.D Kattimani and Prof. Vikram Chekuri accompanied the students.





Faculty Awards/Achievements

- 1. Dr. Sanjay Lakshminarayanan, Professor in the Department of Electrical and Electronics Engineering, was among the Top 5% performers in the NPTEL course "Microprocessors and Microcontrollers" conducted during Jan–Apr 2025.
- 2. Prof .Vikram Chekuri, Assistant Professor in the Department of Electrical and Electronics Engineering, was among the Top 5% performers in the NPTEL course "EV Vehicle Dynamics and Electric Motor Drives" conducted during Jan–Apr 2025.
- 3. Dr. Prakash GL, Associate Professor, ISE Department, received a Best Paper Award for the research paper titled "Comparative Study and Analysis of Prompting Techniques Using Gemini API Model and Reasoning Frameworks" at 2025 International Conference on Computing for Sustainability and Intelligent Future (COMP-SIF) organised at BMSIT&M, Bangalore from 21st 22nd March 2025.
- 4. Dr. Rajesh Gopinath Professor, Department of Civil Engineering, has been in recognition of your distinguished contribution as a panellist at the Acharya international Design Conference 2025 held at the Acharya school Design Bangalore Dated on 28.5.2025 to 30.5.2025.

- 5. Dr. Chandrashekharappa A, Assistant Professor, Department of Civil Engineering participated in webinar titled "L&T Tech Enabled Approach for Project Planning and Execution of Building", organized by the Construction Technology and Alliance Institute (CTAI).
- 6. Dr. Chandrashekharappa A, Assistant Professor, Department of Civil Engineering has completed MOOC course on "Aerial Image Segmentation with PyTorch" through courser on 1st May 2025.
- 7. Prof. Tejaswini B J, Assistant Professor and I/C Head, HSS department, successfully completed her Ph.D. defence viva titled: "A critical evaluation of judicial enforcement of patent rights in India" on 23.05.2025 under the guidance of Dr. K. R. Aithal, former professor, Presidency University, Bangalore.
- 8. Prof. Ashwitha K, Assistant Professor, Department of MCA, successfully completed a 12-week NPTEL course on "Qualitative Research Methods and Research Writing" during the January–April 2025 session.
- 9. Dr. P Sudarsanam, Associate Professor, Department of MCA successfully completed a 12-week NPTEL course on "Machine Learning Using Python Programming" during the January—April 2025 session.
- 10. Dr. Mutyala Sridevi, Assistant Professor & Head, BMS Institute of Technology & Management, successfully attended a One-Week Short-Term Training Program (STTP) on "Transforming Education with AI: Strategies for Innovation and Engagement", held from 26.05.2025 to 31.05.2025. The program was organized by the Department of Physical Education and the Department of Computer Science, Indira Gandhi National Tribal University Regional Campus Manipur (IGNTU-RCM), Imphal, Manipur, India, in collaboration with RSP Science Hub and powered by Eclearnix EdTech.

Faculty as a Resource Person

- 1. Dr. Muneshwara M S, Asst. Prof. Dept of CSE has extended their support as Resource person for "ChatGPT & Other Technologies" in the one-day workshop on "An orientation of Emerging Technologies" on 20.05.2025 at S.E.A College of Science, Commerce and Arts (NAAC Accredited with B++ Grade), Bengaluru 560049.
- 2. Dr. Prakash GL, Associate Professor, ISE Department has extended their support as Resource person for Student Development Program on AWS and GCP Cloud Computing Services for Applications Development", scheduled from 21/04/2025 to 23/04/2025 at Vivekananda Institute of Technology, Bangalore-560 074. for CSE Department from 21st and 22nd April 2025, at VKIT, Bangalore,
- 3. Dr Rajesh Gopinath (Professor, Department of Civil Engineering) has engaged as a Resource Person during the **1-day Hands-on Workshop on Air Quality Index** on 2nd May 2025 at Department of Civil Engineering, Acharya Institute of Technology, Bengaluru.

International Journal/ Conference/Book Chapter/Book Publications

- 1. Veerabadrappa, Kantharaju, Shanmugasundaram Marappan, Shanmuga Vadivu Natesan, and Rajan John. "Lung Disease Prediction using Multi-Level Atrous Spatial Pyramid Pooling Based Convolutional Neural Network." *International Journal of Intelligent Engineering & Systems* 18, no. 4 (2025).
- 2. Veerabadrappa, Kantharaju, Srinivas Byatarayanapura Venkataswamy, Harish Kumar Narayanaswamy, and Suguna Kumar Savitha. "Efficient Task Offloading Processing in Edge Computing Using Grey Wolf Optimization and Graylag Goose Optimization Algorithms." *International Journal of Intelligent* Engineering & Systems 18, no. 3 (2025)
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- 13. Dr. Bhuvaneshwari C Melinamath, ISE Department, published paper titled "A Literature Survey on Quantum Computing in Next Generation Challenges in Circuit Design and Applications of Future Enabling Technologies" International Journal of Computer Applications (0975 8887) Volume 187 No.1, May 2025
- 14. Lavanya Balasubramanyam. Mohammed Zaid ZH, MA Mohammed Mishal, Rachana Muthukumar, , Prakash G L, Stress Detection using Image Processing and Deep Learning Techniques, First International Conference on Computer, Computation and Communication (IC3C-2025) 28-29 March 2025 Department of Electronics & Communication, CSI College Of Engineering (CSICE), Ketty, Ooty, Tamil Nadu-64321
- 15. Dr. Vinod B R, Assistant Professor, Department of Civil Engineering, has been appointed as 1 st International Conference on Green Technology & Engineering, Sustainability (ICGTS 2025), organized by the Department of Civil Engineering, National Institute of Technical Teachers #39; Training and Research Kolkata on 29 30 May, 2025.
- 16. D S Neha, A Bhattacharyya, T K Sreelakshmi "OHAM-based investigation of flow dynamics Maxwell hybrid nanofluid with copper and graphene nanoparticle." Multiscale and Multidisciplinary Modeling, Experiments and Design, vol 8(2025), pg no. 308. (SCOPUS, Q2, Impact Factor- 1.9).

Patent Published/Granted

1. A patent is granted to the invention "AN ALERT SYSTEM FOR RAILWAY TRACK BREAKAGE" on 28-05-2025 by our esteemed faculty inventors Dr. Ashwini N (CS&E Dept), Dr. Manjunath T N (IS&E Dept) and brilliant student inventors Brinda P, Nikitha P, Ramachandra V G S, Harish S of IS&E Dept. Batch 2017-18.

2. A certificate of registration of design is granted to Dr. Shoba M, for "ELECTRIC ENERGY CONSUMPTION MONITORING DEVICE WITH COST ESTIMATE", as per Designs Act 2000 and Designs Rules 2001.





BICEP Activities

• Beyond the campus: Karnataka Accelerator Network Bootcamp:

A BICEP incubatee, the DostBin team, consisting of Dr. Seema Singh and Shumail Ali Khan from ETE final year, attended the 2nd Karnataka Accelerator Network (KAN) Bootcamp held on 15.05.2025 and 16.05.2025 at GINSERV, Bengaluru. The bootcamp, themed "Accelerate. Innovate. Lead.," brought together startups, investors, and industry leaders for a two-day program focused on enhancing startup fundability, leadership, and innovation-driven networking. Participants gained valuable





insights into investor expectations, fundability criteria, and received constructive feedback on their pitches from a panel of experts. The leadership sessions equipped attendees with strategies to navigate volatile business environments, while an industry visit to Stellapps provided practical exposure and networking opportunities. The event was successfully organized by Startup Karnataka through the Karnataka Accelerator Network.

Activities in campus Advert 2.0

BICEP - E - cell Organized Advert 2.0 event. The event was a creative advertising competition held on 24.05.2025, with 17 teams from various departments participating. The event tested creativity, marketing skills, and quick thinking over three rounds.

Round 1: Quiz on entrepreneurship, startups, and marketing with a 20-second response time. Scores carried forward.

Round 2: Teams combined two random products into a unique, fictional brand and pitched it. Judged on originality and presentation. Scores added to Round 1.

Round 3 (Final): Top 5 teams performed live ads for assigned products without using any technology or props, showcasing creativity through voice and body language.

Winners:

- 1st Place: Team 'WeMarketStuff' won first place and was awarded a cash prize of Rs.3000.
- 2nd Place: Team 'Groot' was awarded a cash price of Rs.2000.
- 3rd Place: Team 'Jazba-e-Junoon' was awarded a cash prize of Rs.1000.

ADVERT 2.0 successfully combined knowledge, creativity, and performance, engaging participants in a dynamic advertising challenge. The event concluded with enthusiastic participation and innovative presentations.





• E-cell Farewell:

The BICEP–Entrepreneurship Cell (E-Cell) hosted a farewell on 24.05.2025, to honor the contributions of its senior members and welcome new team members. The event began with opening remarks by Prof. Mahalakshmi S, E- Cell coordinator followed by a report on E-Cell's achievements presented by former president Mr. Shashank Gowda S, along with a memories slideshow celebrating the seniors. Dignitaries including Dr. Anil GN (Vice Principal), Dr. Seema Singh (Dean Innovation and Entrepreneurship), and Prof. Archana K (E-Cell Coordinator) shared inspiring speeches recognizing the seniors' contributions and encouraging the new team. Mementos comprising customized gifts and certificates were presented to the outgoing seniors as a token of appreciation. The installation ceremony welcomed the new E-Cell core team for 2025-26, with leadership officially passed on. New President Mr. Maxson Mathew and Vice President Mr. Vaibhav Balakundi addressed the gathering, thanking the outgoing team and motivating the new members. The event concluded with expressions of gratitude and the national anthem.





• Pitch Off Competition

The BICEP - Institution's Innovation Council (IIC), BMSIT&M, hosted the "Pitch Off" competition on 27.05.2025 at the Seminar Hall, Academic Block. A total of 80 students, forming 20 teams, showcased their entrepreneurial thinking and innovative problem-solving through three dynamic rounds: Answer the Three, Group Hungama, and Final Pitch Off. The competition challenged participants to pitch ideas, provide critiques, and defend their solutions within strict time limits. The prize pool for the event was Rs. 3,000/-. The event highlighted the vibrant innovation culture at BMSIT&M and was coordinated by Prof. Shama H M.





• Life Design workshop:

The BICEP - E-Cell recently organized a Life Design workshop facilitated by the Midas School of Entrepreneurship. The workshop encouraged students to reflect deeply on their past decisions and helped them explore three key questions: What do we want in our future? Where are we right now? Where do we want to be? Through guided exercises and discussions, students gained valuable insights into their personal goals and aspirations, fostering clarity and motivation for their future paths. The session also highlighted a one-year

internship opportunity at Midas, perfectly aligned with their PGDME program, offering practical experience in entrepreneurship. Overall, the workshop was an insightful and introspective experience that empowered students to design their lives with purpose and direction.

Alumni Interaction

The Department of AI & ML in association with IEEE Computational Intelligence Society (CIS) Student Branch Chapter (SBC) of BMSIT & M successfully conducted The GATE Prep Bootcamp: CS & AI Edition on 16.05.2025, with enthusiastic participation from students across the CSE, ISE, and AIML departments. The session aimed to provide strategic guidance and motivation for students aspiring to crack the GATE examination in Computer Science. The event officially commenced at 10:00 AM, with a brief introduction by Mr. Umashankar, Student Chair - IEEE CIS SBC, who welcomed



the participants and outlined the purpose of the bootcamp. This was followed by encouraging words from Prof. Sanjay M Belgaonkar, the Faculty Advisor of IEEE CIS SBC, who emphasized the importance of such



academic initiatives. Further setting the tone for the session, Dr. Anupama H S, HoD, Dept. of AI & ML addressed the attendees and stressed the significance of early preparation and guidance for competitive exams. The bootcamp featured Ms. Anjali Chauhan, AIR 13 in GATE CS 2023 and current M.Tech scholar at the Department of CSA, IISc Bangalore, as the keynote speaker. She shared her GATE preparation journey, resource strategies, time management tips, and addressed common doubts from students. Her insights were both practical and inspiring, drawing attention to the importance of early preparation, consistency, and conceptual clarity.

Club Activities

1. The Reader's Club organised a movie screening of the critically acclaimed film "Dead Poets Society" on 30.05.2025 from 1.30 to 4.15 pm in Seminar Hall-1. The screening was followed by a short interactive session wherein students expressed how the movie inspired them to think differently about education, passion and self-expression. Around 100 students attended this event.





2. District Officials Learning Seminar, a Rotaract district event was hosted by the Rotaract Club of BMS Yelahanka on 25th May 2025. The event was graced by the Chief Guests – Prof. Rtn. Elizabbeth Cherian (District Governor 2025–26) and Dr. Sanjay H. A. (Principal, BMSIT&M). The event began with a splendid inauguration, followed by a series of learning sessions for the upcoming district officials of Rotaract District 3192. The seminar was a resounding success, equipping participants with essential

leadership skills and preparing them for their roles in the upcoming Rotaract year. Rotaract Club of BMSY was recognised by the Rotaract district for its successful projects and coordination in hosting this event.





NSS Events

The NSS Unit of BMSIT&M, in collaboration with the Youth Red Cross, organized a Tobacco & Cancer Awareness Program on 13th May 2025 to educate students and staff about the health risks of tobacco and its link to cancer. The event featured expert speakers, Dr. Lithika Lavanya M from Ramaiah Institute of Oncology and Dr. Swathi Acharya from the Indian Cancer Society, who shared valuable insights on tobacco's harmful effects and cancer prevention. An interactive session allowed participants to engage directly with the experts, enhancing their understanding. The program aimed to raise awareness about tobacco's dangers, early





cancer detection, and encourage a healthier lifestyle. It also sought to promote a tobacco-free campus and motivate students to act as peer advocates for spreading awareness. The event concluded with a Walkathon around the campus, symbolizing unity against tobacco use. Participants were rewarded with 5 AICTE points, encouraging active involvement. Overall, the initiative successfully educated the community and inspired attendees to lead healthier lives. The program fostered a sense of collective responsibility towards building a cancerfree society.

The Stem Cell Awareness Program was held on 14th May 2025 at BMS Institute of Technology and Management, organized by the NSS Unit in collaboration with DKMS Foundation India. The event aimed to educate students about blood cancer, blood disorders, and the critical role of blood stem cell transplantation in saving lives. Speakers from DKMS highlighted the growing need for unrelated donors in India and shared inspiring success stories of patients who survived due to stem cell transplants. The program addressed common myths and fears about the donation process, emphasizing its simplicity and safety. Attendees were guided through the





registration procedure, which involved filling a form and providing painless cheek swabs. A Q&A session allowed students to clarify their doubts regarding eligibility and risks. Many students enthusiastically registered as potential donors on the spot, contributing to the expansion of the stem cell donor registry in India. The program successfully raised awareness and fostered a spirit of social responsibility among the participants. Overall, the event was informative and impactful, encouraging youth to support the fight against blood cancer through stem cell donation.

NCC Activities

• Visit to 515 Army Base Workshop on 15/05/2025:

Five third-year BMSIT&M cadets (CDT. Shivani, CDT. Manasvi, LCPL. Jeevan, LCPL. Jeevitha, and CDT. Surekha) visited the 515 Army Base Workshop, a key Indian Army organization supporting the Atma Nirbhar Bharat initiative through advanced engineering and spare parts management. The cadets observed a range of crucial operations and technologies, including Sarvatra Bridge and Maruti Gypsy simulations, HRV AV 15, Bridge Laying



Tank (BLT T-72), 5.56mm INSAS firing simulation, helicopter intercom systems



and components (Cheetah and Chetak), and the UAV Heron's Radar system. The visit concluded with a tea party with Corps of Electronics and Mechanical Engineers (EME) officials. The cadets gained valuable exposure to the technical precision and backend operations supporting frontline missions, enhancing their understanding of technology's growing role in defense and their appreciation for the ArmedForces.

• All India Thal Sainik (AITSC) Camp Selections

AITSC (All India Thal Sainik Camp) is a prestigious national-level camp organized annually by NCC. Typically held at Delhi in September, the program is structured to challenge cadets physically and mentally in any one of the following events:Obstacle Training (OT), Firing,Map Reading (MR),Health and Hygiene (H&H) and Judging Distances and Field Signals (JDFS)

Lt. Rani M.S. was assigned as a selection committee to select the cadets in Map Reading event across 39 Karnataka Battalion NCC. Cadets from BMSIT&M have actively shown interest in these AITSC events. Throughout the month of May, cadets have undergone rigorous training and testing at both the Battalion and Group level for these events. For the upcoming TSC IGC 1, cadets have qualified as follows:

- 1. 2 cadets for Obstacle Training
- 2. 6 cadets for Map Reading
- 3. 1 cadet for Health and Hygiene





Sports

BMSIT&M organised VTU North Division Inter Collegiate Hockey men tournament on 13th of May 2025 at Chikkaballapur Stadium. Our team secured 2nd place.



Lt. Rani M.S. was assigned as a selection committee member to select the VTU Kho-Kho Women team at State level Kho-Kho tournament held at MVJCE, Bangalore.



Placement Activities

1. Tantalum Academy conducted a Placement Training Program on 12.05.2025 and 13.05.2025 for first-year MBA students, aimed at enhancing their employability skills. The training focused on communication, professional presence, personal branding, resume building, LinkedIn optimization, group discussions, and interview readiness. Activities included elevator pitch workshops, SWOT analyses, and AI-assisted mock

interviews. The blended learning approach combined theory with interactive, hands-on practice. Students showed improved confidence, self-awareness, and practical skills, preparing them for successful placement. The program effectively bridged academic learning with real-world professional expectations, fostering both individual growth and collaborative learning.



- 2. Aptitude-focused placement training for II Semester MCA students was conducted by the Placement Department from 12.05.2025 to 16.05.2025.
- 3. <u>2025 BATCH FINAL PLACEMENTS:</u> The placement season for the 2025 Batch commenced on 01.05.2025. As on 31.05.2025, total **883** placement & internship offers have been given.
- 4. **2026 BATCH FINAL PLACEMENT** The placement season for the 2026 Batch commenced on 01.05.2025. As on 31.05.2025, total **51** placement & internship offers have been given.
- 5. M./s Revit Software: 2027 Batch Revit Software Training for Civil Students on 05.05.2025.



- 6. **M./s IPCS:** 2025 Batch IPCS Campus Drive on 06.05.2025.
- 7. Software Development Life Cycle & Cracking the Placement Interviews ECE&ETE for 2026 batch on 12.05.2025.





- 8. Placement Training for PG Students MCA/M. Tech for 2026 batch on 12.05.2025.
- 9. M./s Indo-Mim: 2025 Batch Indo-Mim Poll Campus Drive on 21.05.2025.
- 10. M./s Junglee Games: 2026 Batch Junglee Games Campus Drive on 23.05.2025.





11. M./s LTI Mindtee: 2026 Batch LTI Mindtee Session on 23.05.2025.

12. M./s Nokia: 2026 Batch Nokia Campus Drive on 27.05.2025.

13. M./s SAP: 2026 Batch SAP Session on 28.05.2025.14. M./s ANZ: 2025 Batch ANZ Drive on 30.05.2025.

HEFC Events

Newcastle University Delegation Visits BMSIT&M – A Glimpse into Global Opportunities in Computing On 16th May 2025, BMS Institute of Technology and Management (BMSIT&M) had the privilege of hosting representatives from Newcastle University, UK, for an insightful session aimed at broadening students' horizons on international education and career pathways in computing. The event took place at the BSN Auditorium, Lab Block, Second Floor, starting at 12 PM.

The first presentation was delivered by Dr. Gary Ushaw from the School of Computing, who spoke on the topic: "Discover Career Paths and Industry Links in Computing." Dr. Ushaw offered valuable insights into the evolving tech landscape, the importance of interdisciplinary skillsets, and how Newcastle University fosters global career readiness through its academic programs and strong industry collaborations.

Following this, Professor Rishad Shafik (RS) is a Personal Chair in Microelectronic Systems Design and EEE Research Director at Newcastle University. He is an international leader of hardware/software co-design applied in machine learning systems. at Newcastle University. In his session, Prof. Rishad highlighted how the university blends academic learning with practical industry exposure, enabling students to gain hands-on experience through placements, internships, and collaborative research opportunities.

The session was an excellent opportunity for students interested in international education and computing careers to engage directly with global academicians. Attendees were encouraged to interact with Professors about the topics. This collaborative initiative underscores BMSIT&M's commitment to connecting its students with premier global institutions, paving the way for academic enrichment and international career prospects.





Institute Level Events

The Computational Neuroscience and Engineering Laboratory (CNERLab), under the Department of Electronics and Communication Engineering, was inaugurated on 26th May 2025 at BMSIT&M. The ceremony was graced by Sri Aviram Sharma, Trustee, BMS Educational Trust and Chairman, BoG, BMSIT&M; Wg Cdr R A Raghavan (Retd), Director, BMSET; and Dr. Sanjay H A, Principal, BMSIT&M. The CNERLab has been established with funding support from VGST (Vision Group on Science and Technology). The lab is dedicated to cutting-edge research in the field of biomedical signal and image analysis, with a specific focus on the application of machine learning and deep learning algorithms for prediction and classification tasks involving signals such as EEG (electroencephalogram) and ECG (electrocardiogram), as well as biomedical imaging.





Parent Teachers Meeting

Second Semester Parents-Teachers Meeting was scheduled on 24.05.2025 in hybrid mode. About 90 parents attended the meeting physically (offline mode) and 200 parents attended the meeting in online mode. Principal Dr. Sanjay H A addressed the parents.

Parents raised some concerns about the examinations, academics, club activities and placements. Principal, Dean Academics, Dean Student Welfare, Dean Career Guidance addressed the parents.



Awareness Session on Laws Related to Women and Children

An Awareness Session on "Laws Related to Women and Children" was Organized by Gender Champion Cell & Women Empowerment Cell, BMSIT&M on 19th May 2025 from 11.00 am to 12:30pm in Seminar Hall 2, Academic Block, BMSIT&M. The Chief Guest & Speaker of the session was Sri. Vereesh Budihal Advocate,

Special Council, Government of Karnataka. The session was inaugurated by Dr. Ambika R Dean student and welfare. Around 178 students attended the session. AICTE activity points were rewarded to the student participants.

The session focused on empowering individuals with knowledge about legal rights and protections for women and children. Major laws on POCSO, Domestic Violence Act, Sexual Harassment at Workplace were discussed. Real-life implications and examples were given. He also discussed the Rights and protections available to women and children under Indian law, role of students in spreading awareness and promoting safety.









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