BMS
INSTITUTE OF TECHNOLOGY AND MANAGEMENT

Dharmaprakasha Rajakarya Prasakta
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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https://www.linkedin.com/school/bms-institute-of-technology-and-management/

YOUTUBE:
https://www.youtube.com/channel/UCZLUwjJYZZvXvfPketkZZMQ

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

Events Conducted

- Utsaha Vaibhava 2025-the Annual Techno-Cultural fest was scheduled on 25.04.2025 and 26.04.2025. Dr. Shamitha Malnad, Composer and Playback Singer, Kannada film Industry and Mr. Aniruddha Sastry, Playback Singer, Actor, Music Producer, Lyricist and Host, Kannada film Industry, were the chief guests for the inauguration on 25.04.2025. Students from various colleges participated in various events and won the prizes. Concert by Rapper Chandan Shetty and DJ were arranged on 26.04.2025.

- BMS Institute of Technology and Management successfully hosted "Silicon Synergy 2025", a premier Semiconductor Industry Conclave and Expo on 24th April 2025. The event aimed to foster collaboration between academia and the semiconductor industry, bridging the gap through keynotes, expert panels, and a vibrant exhibition arena.

  The event commenced with a formal inauguration attended by eminent dignitaries: Dr. Satya Gupta, Founder of IESA, EPIC Foundation, and President of VLSI Society of India (Chief Guest), Mr. Sivaram Allamaraju, Design Group Director, Cadence, Mr. Chandrashekar B U, Senior Architect, Synopsys, Dr. Sanjay H A, Principal, BMSIT&M, Dr. Anil G N, Vice Principal, BMSIT&M, Dr. Raju Hajare, Chief Coordinator, Professor, Dept. of ECE, BMSIT&M, Dr. Manjunath T N, Dean – Career Guidance, Student Coordinators and Faculty Members.

- QuilQuest-2: An exhilarating prompt-based poetry and short story competition was conducted by Reader's Club on 01.04.2025. Fuelled by creativity, students unleashed their imaginations, weaving captivating tales and evocative verses inspired by the given prompts. Around 39 students from various departments and semesters across the college participated in this event. In each category two prizes were awarded with a cash price of Rs. 750/- as first prize and Rs. 500/- as second prize. The prize distribution was done by the Principal, BMSIT&M.The details of the prize winners are as follows:
  Poetry Writing - First Place: Shrisharanya, USN 1TD24CS273, 2nd sem – CSE 5
  Second Place: Yuva Kiran C, USN 1BY24CS346, 2nd sem- CSE-9.
  Short Story Writing-First Place: Vennela Pydi ,USN 1TE24CS230, 2nd sem- CSE-4
  Second Place: Ananya Gladys, USN 1BY23EC001, 4th sem- ECE.

The best short stories and poetry were shortlisted for publication.by the "Manthana"- Annual Magazine Editorial team.

- Farewell for 2025 graduating students was scheduled on 24.04.2025. Principal addressed the students and gave them valuable input to their career growth. Best Outgoing students from each department were rewarded, best outgoing students from the Institute, Best NCC Cadet, Best Sportsperson, Best Cultural Talent, Best GATE scorer and Best Readers from 2025 graduating batch were identified and honored.

- Dr B R Ambedkar Jayanti, was celebrated on 14.04.2025 at 2nd floor Seminar Hall, to honor the birth anniversary of Dr B R Ambedkar —Indian jurist, economist, social reformer and political leader. The Principal addressed the gathering regarding the significance and contribution of Dr. B.R. Ambedkar's work, which continues to impact not only Indian society but also global conversations on equality, justice, and human rights. His life story is one of resilience, intellect, and a deep commitment to social change. The main coordinator of an event narrated the life story and contribution of Dr. B.R. Ambedkar to the gathering

Professional Activities

- BMS Institute of Technology and Management (BMSIT&M) successfully organized the workshop entitled "Introduction to Model-Based Design using Simulink and State flow", under banner of MathWorks' MATLAB Chapter on 03.04.2025. Dr. Paramita Sarkar of Dept. of ECE was the faculty coordinators and resource person was Rakshith of Mathworks.

Seminars / Expert Talks

- Department of ECE organized an Expert talk on the topic "CYBER SECURITY IN METAVERSE" on 07.04.2025. Dr. Hossam Mohamad, Professor of Criminal Branch and Investigation, Head of Police Management Department, delivered an online expert talk, and the Event coordinators are Dr. Vijayalakshmi G V, Asha K. from BICEP & IIC, Prof. Chandra Prabha R.

Faculty as Resource Person

1) Dr. Prakash G L, 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 21.04.2025 and 22.04. 2025, at VKIT, Bangalore.

2) **Prof. Pradeep Kumar G M**, Assistant Professor, Department of Computer Science and Business Systems, has extended their support as a **Resource person** and conducted an **Expert Talk on "MongoDB"**, on 23.04.2025 at Akash Engineering College, Devanahalli, Bangalore.

3) Dr. Vinod B R, Assistant Professor, Department of Civil Engineering, has extended his support as a resource person for a Technical Talk on "Innovative Ground Improvement Techniques for Problematic Soils" organized by the Department of Civil Engineering, ATMECE, Mysore, in Association with IGS Student Chapter on 23.04. 2025.

4) Dr. Rajakumara H N, Professor, Department of Civil Engineering, has extended his support as a resource person for a Technical Talk on "Green Building Technology for Sustainable Development, organized by the Department of Civil Engineering, P E S College Mandya, Dated ON 21.4.2025

Faculty Achievements

1) Dr. Vinod B R , Assistant Professor, Department of Civil Engineering, has been appointed as Conference session Chair for the International conference on & quot; Adaptive Technologies in Engineering and Sciences: ICOATES2025" organized by KR Pet Krishna Government Engineering College, K R Pet on 24.04.2025 and 25.04.2025.

2) Dr. Asha K, of ECE , Completed Faculty development Program certification in the course "**Quantum Algorithms and Cryptography",** from NPTEL platform (Feb 2025-April 2025).

3) Dr Ambika R , Dr. Asha K, of ECE, were the session chair at 3rd IEEE international conference on Knowledge Engineering and Communication Systems (ICKECS-2025) on 29th April 2025 organized by SJCIT Chikkaballapur .

4) Dr. Asha K, Assistant Professor, Dept. of ECE, was a reviewer for the 3rd IEEE international conference on Knowledge Engineering and Communication Systems (ICKECS-2025) . The event was organised by SJCIT Chikkaballapur on 28th and 29th April 2025.

1) Our students from the CSE and EEE departments showcased outstanding innovation and synergy at the 36-hour Gameathon hosted by REVA University on 26.04.2025, earning the prestigious Runner-Up position along with a cash prize of ₹30,000. This remarkable feat reflects the strength of interdisciplinary collaboration. The winning team included Sai Karthik Ketha, Priya T S, and Tarin Agarwal from CSE, alongside Pratik Patil and Sambhram Rane from EEE.

2) Students of ECE Dept Tharun Susri B S, Sahil Sourav, Shankar Reddy, Tanish R, Sharath S C secured 1st runner up in Dronacharya competition held at Vidya Vikas Institute of Engineering and Technology, Mysore on 02.04.2025. The exhibited drone was built for sea rescue missions. It uses yolov8 for human and object detection and releases self-inflatable swimming tube if a person is detected.

3) CSE 6th SEM 'A' Section students Ayesha Kouser B, Bhavish Ramesh Kunder, Aayush H Perampaddappu, Sumukha Kambaloor won First prize in a Hackathon "ADVAYA" held at BGSCET under the theme "Culture and Tourism" held during 11.04.2025 and 12.04.2025.

4) Adbhut Shukla, a Student from CSE 8th SEM 'A' Section Qualified GATE 2025 with a score of **540** and secured an All India Rank (AIR) of **103.**

5) Meghana Prasad, a student from CSE 8th SEM 'A' Section, received a "Best Outgoing Student Award" from the CSE department for the year 2025.

6) The students of the CSE Department, with a group named (Free Attendance), and students were Anant Singh, Advaita Srivastav, Harleen Kaur, and Ankit Singh, secured 3rd position in Incseption, which was an 8-hour internal hackathon organized by the computer science department of BMSIT.

7) Tamanna Patel has been awarded the best outgoing student of Batch 2024-25.

8) Congratulations to Rishika Gitta from 4th sem, CSBS dept. for her outstanding achievement in the NPTEL Courses. She has secured Top 1%, 2% and 5% Ranks in 3 Consecutive courses, achieving a remarkable academic hat-trick. She also emerged as a topper at the all-india level, showcasing her dedication, perseverance and academic brilliance.

9) The CSBS 4th Semester Students Ashmit Sharma and his team, named "Code Geass", participated in hack sphere own hackathon "CODESPRINT3.0" at NMIT on 04.04.2025 and secured 1st Position in the event with a Cash Prize of Rs.20000/-.

10) The CSBS 4th Semester Students and their team named **"Busters team"** had participated in prestigious **Hacksphere Hackathon 2025** at BMSIT – ISE Department on 28.03.2025 and secured 1st Position in the event.

11) National Level Techno-Cultural Fest "YUKTI – 2K25" was organized at VTU, VIAT, Muddenahalli from 03.04.2025 to 04.04.2025. Around 30 students participated in various events such as Rhythmic Repture (Group Dance), Shutterscape (Photography), Codecrafters (Web Development), Venture Vortex (Business/Start-up- Pitch) and Skyhawks Arena (Drone race) etc.
Students have won prizes in various events mentioned below.

- Simhadri M H (1BY22ET049) won First place in Solo Singing.
- Suraj B (1BY24EC032), P Achyuth (1BY24EC118), Gurudatt N (1BY24EC053) and Vishruth N (1BY24EC188) won second place in Mechasprint.
- Shashikiran B S(1BY24AI149), Dheeksha N (1TD24AI061), Asritha Reddy (1TD24AI081) and Amrutesh Udupa B S (1BY24AI014) won second place Code Crafter.
- Harsha G(1BY23IS405), Chandu R T(1BY22IS043), Abhinav Gupta (1BY22IS005) and Naveena N G(1BY23IS409) won First place in Venture Vertex.
- Pramod(1BY22IS117), Aishwarya S(1BY22IS011), Pallavi G (1BY22IS109) and Vanitha P S(1BY22IS185) won First place in Future Frontiers.

Students Workshops Conducted /Hackathons Organised

1) The Departments of Computer Science & Business Systems, Artificial Intelligence and Machine Learning at BMSIT& M successfully conducted a **workshop on "Entrepreneurship and Innovation"** for under the Institution's Innovation Council (IIC) initiative. The session was exclusively organized for 4th semester students and was held at the Dr A P J Abdul Kalam Innovation Laboratory on **09.04. 2025**.

2) A Hands-on MATLAB Workshop was conducted for the 6th semester students of the Electrical and Electronics Engineering department on 15.04.2025. The session was led by Dr. Riyaz from CoreEL Technologies, who served as the resource person. He delivered a comprehensive session covering the Control Systems and Power Systems toolboxes in MATLAB. The workshop enabled students to gain valuable insights into simulation techniques and the use of MATLAB for analyzing and designing electrical systems. The workshop was organized by Prof. Ozwin Dsouza and Prof. Manjula B.K. to provide practical exposure to MATLAB applications in engineering.

3) The webinar on Identity & Access Management (MFA, Azure AD & Access Controls), organized by BMS Institute of Technology & Management in collaboration with CloudThat and Microsoft, was held on 08.04.2025. The session covered critical topics like Azure AD, Multi-Factor Authentication, and IAM best practices, featuring hands-on demos and career insights from Microsoft Certified Trainer Vani Chakraborty. Participants gained access to Microsoft Learn resources. The event successfully bridged industry-academia gaps, attracting 150+ attendees and enhancing skills in cloud security. Future workshops are planned to build on this initiative.

4) InCSEption-2025 was conducted by the CSE Department. Over 8 hours, participants had to collaborate, innovate, and challenge themselves to develop solutions for the given problem statements. The event provided an outstanding platform for students from the Computer Science and Engineering department to demonstrate their technical expertise by working on real-world challenges. This hackathon not only enabled students to enhance their coding and problem-solving capabilities but also allowed them to compete for rewarding prizes and recognition. The hackathon took place on 27th March 2025: Attended by 1st, 2nd, and 3rd year students of the CSE Department. The prize pool was Rs. 27,000. The judges, Mr. Krishnan Kumar Agrawal and Dr. Balbadra Kishore, initially mentored the teams.

5) The Department of Artificial Intelligence and Machine Learning conducted a 12-hour internal hackathon titled NeuroNova-25 on 27.03.2025, under the banner of Tech-Transform and the Institution's Innovation Council (IIC) initiative. Held from 8:00 AM to 8:00 PM in the department's laboratories, the event saw active participation from 200 students across 55 teams, focused on developing impactful solutions using AI and AR/VR technologies. The event concluded with the felicitation of six winning teams, recognized for their innovation and execution, and awarded cash prizes.

BS Narayan Block, Bengaluru, Karnataka 560064, India,
Lat: 13.133755, Long: 77.567908
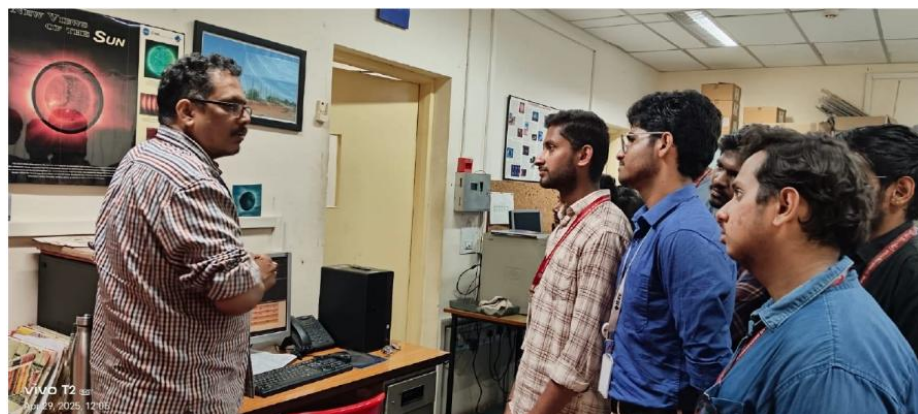27 Mar, 25, 05:17 pm, Thursday
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Industrial Visit

1) Department of Electronics and Telecommunication Engineering arranged an Industrial visit for 6th sem students on 11.4.2025 for FANUC INDIA, Bommasandra, Bangalore. The TEA coordinators Dr. Saritha I.G. and Dr. Prathiba N. accompanied the students. Mr.Jaiker Neil Fernandez and team members guided students to every section of the unit.

2) Department of Electronics and Communication Engineering, BMSIT&M, Visited Mahatma Gandhi Institute of Rural Energy and Development (MGIRED) on 3rd April 2025. The visit was part of the course curriculum and aimed at providing practical exposure to the students on rural energy and sustainable rural development. 40 students from the 4th semester B.E. accompanied by faculty members Dr. Dankan Gowda, Dr. Asha K and Dr. Laxmisagar H S.

3) On April 29, 2025, the Department of Electronics and Communication Engineering arranged an industrial visit to the Gauribidanur Radio Observatory as part of its academic enrichment activities. A group of 35 students, accompanied by faculty coordinators Dr. Anitha V. R. and Prof. Shilpa Hiremath visited Gauribidanur Radio Observatory. Through interactive sessions and live demonstrations, students gained valuable insights into the functioning of large-scale radio telescopes, solar observation techniques, and modern data analysis approaches using machine learning.

Alumni Interaction

Prof K. Chandra Sekhara Reddy, Assistant Professor, Dept of Mechanical Engineering organized an alumni talk by Mr Mohammed Yousuff Sohaib (1BY12 alumus) titled "Industry perspectives of operational excellence" for 4th semester ME students on 29th April 2025.

International Journal/ Conference Publication/Magazine/ Book Chapters

International Journal

1) N. Mahadev, R. Natesh, R. Shankar, V. L. Sowmya, A. Premkumar, R. Natarajan, N. Thangarasu, and S. K. Gupta, "AI-Based Intelligent System for Healthcare Application Using Edge-Based Neural Random Back Propagation Technique," *Int. Res. J. Multidiscip. Technovation*, vol. 7, no. 3, pp. 15–26, 2025. [Online]. Available: https://doi.org/10.54392/irjmt2532

2) D. B. K. Dhanalakshmi, "A Contemporary Framework for Detection of Phishing Website for Cyber Societal Safety," *SN Computer Science*, vol. 6, no. 392, Apr. 2025. [Online]. Available: https://doi.org/10.1007/s42979-025-03942-1

International Conference

1) G. D. Ayuesh, P. Manjunatha Babu, P. N. Rakesh, S. Shetty, and L. B. Varun, "Design & Simulation for 2kW EV Charger Using MATLAB SIMULINK," in *Proc. 2025 Int. Conf. on Computing for Sustainability and Intelligent Future (COMP-SIF)*, Bangalore, India, 2025, pp. 1–5, doi: 10.1109/COMP-SIF65618.2025.10969861.

2) S. Lakshminarayanan, H. D. Kattimani and P. A. Athavale, "An MPPT Charge Controller for Solar PV Installations Using the Incremental Conductance Method," *2025 International Conference on Computing for Sustainability and Intelligent Future (COMP-SIF)*, Bangalore, India, 2025, pp. 1-6, doi: 10.1109/COMP-SIF65618.2025.10969962.

3) P. K. D., P. Manjunatha Babu, U. T. S., V. C., and A. S. Patil, "Electrical conductivity based oil detection and skimming," in *Proc. 2024 IEEE 1st Int. Conf. on Green Industrial Electronics and Sustainable Technologies (GIEST)*, Imphal, India, 2024, pp. 1–6, doi: 10.1109/GIEST62955.2024.10960230.

4) Louay Al-Nuaimy, Mahammad Mastan, G. Jai Arul Jose, Ruwaiya Al-Rabaani, "Exploring StudentPerspectives on ChatGPT: Knowledge, Attitude, Concerns and Usage Patterns at Oman College of Management and Technology", *International Conference on Smart Solutions for Modern Design, Business and Computer Innovations (OCMT'2025)*, April 16-17, 2025

5) Khan, Irshad, D. Somshekhar, N. Harikrishnan, P. U. Neetha, and D. Pavithra. "Hierarchical Meta-Reinforcement Learning for Uncertainty-Aware Resource Allocation in C-V2X Networks." In *2025 International Conference on Machine Learning and Autonomous Systems (ICMLAS)*, pp. 167-172. IEEE, 2025.

6) G. L. Prakash, "Comparative Study and Analysis of Prompting Techniques Using Gemini API Model and Reasoning Frameworks," in *Proc. 2025 Int. Conf. on Computing for Sustainability and Intelligent Future (COMP-SIF)*, BMSIT&M, Bangalore, India, Mar. 21–22, 2025. [Best Paper Award].

7) L. Balasubramanyam, M. Z. Z. H., M. A. M. Mishal, R. Muthukumar, and G. L. Prakash, "Stress Detection using Image Processing and Deep Learning Techniques," in *Proc. 1st Int. Conf. on Computer, Computation and Communication (IC3C-2025)*, CSI College of Engineering, Ketty, Ooty, Tamil Nadu, India, Mar. 28–29, 2025.

8) Dr Vinod B R, "A Study on effect of Coconut Shell Biochar Modified with Aluminum Chloride on sludge dewatering of secondary sludge in wastewater treatment plant", International Conference on *Adaptive Technologies in Engineering and Science (ICOATES 2025)*. Organized by K R Pet Krishna, Government Engineering College K R Pet – 571426, Mandya District, Karnataka, India, 24.04.2025 and 25.04.2025.

9) Dr Vinod B R, "A Geotechnical Perspective on Understanding Soil Properties Through Clay Mineralogy", International Conference on *Adaptive Technologies in Engineering and Science (ICOATES 2025)* Organized by K R Pet Krishna , Government Engineering College,K R Pet – 571426, Mandya District, Karnataka, India, 24.04.2025 and 25.04.2025.

10) Dr Vinod B R, "A Review on the Role of Palm Oil Fuel Ash in Enhancing Durability of Geopolymer Mortars" , International Conference on *Adaptive Technologies in Engineering and Science (ICOATES 2025)* Organized by K R Pet Krishna, Government Engineering College,K R Pet – 571426, Mandya District, Karnataka, India, 24.04.2025 and 25.04.2025.

11) Dr Vinod B R, "E-Waste Utilization in Concrete Production: A Review of Challenges and Future Prospects.", International Conference on *Adaptive Technologies in Engineering and Science (ICOATES 2025)* Organized by K R Pet Krishna, Government Engineering College,K R Pet – 571426, Mandya District, Karnataka, India, 24.04.2025 and 25.04.2025.

12) Bellishree B M,Doddakula Kavya Sai , Mallikarjuna Gowda and Raju Hajare,   Presented paper title "Pothole Detection: Machine learning and Computer vision approach" International Conference on computing Sustainability and Intelligent future (COMPSIF 2025) held on 21.03.2025 at BMSIT & College, Bengaluru.

Book Chapters

1) Dr. Saritha I G, Dr. Sowmyashree M S, Dr. Laxmisagar H.S, Crop Sentry: AI-Enhanced Protection for Agriculture Field,2024, published in [IEEE Xplore](#) digital library in Fourth IEEE International Conference on "Multimedia Processing Communication and Information Technology"-MPCIT 2024, held at JNNCE, Shivamogga, Karnataka, 13th & 14th December 2024.

2) Dr. Saritha I G, Dr. Sowmyashree M S, Dr. Naveen I G, "CPS Secured Hybridization Technique for Healthcare in Smart Cities" published in Taylor and francis group at 5G Green Communication Networks for Smart Citie,1st Edition April2025,,Apple Academic Press, Pages17,eBook ISBN9781003560357.

3) Dr. Saritha I G, Dr.Sowmyashree M S, Dr. Naveen I G, Secure Adaptive Cluster-Based Routing Using Modified Cuckoo Search Algorithm for Health Monitoring Systems in Smart Cities   published in Taylor and francis group at 5G Green Communication Networks for Smart Citie ,1st Edition April2025, Apple Academic Press, Pages17, eBook ISBN9781003560357.

4) Dr. Sowmyashree, M.S, Dr.Saritha, I.G. Dr.Naveen, I.G.Automated Smart Cart for Physically Challenged, 2024 International Conference on Recent Innovation in Smart and Sustainable Technology, ICRISST 2024. Published in April 2025,

5) Dr Ambika R presented "A Comprehensive Review on Fault Tolerances, Routing Techniques and Energy Efficiency in Network on Chip Architectures" in the International Conference on Recent Research in Computational Sciences and Engineering held on 12th April 2025.

6) Dr Anitha M presented "Convolutional Neural Networks Competence In Image Analytics For Tree Enumeration" International Conference on Recent Trends in Management Engineering and Technology (ICMET) April 2025 , Vishwabharati Academy's College of Engineering, Ahilyanagar, Maharashtra. This paper got the best paper award**.**

BICEP Activities

BICEP incubate – Dostbin Solutions participated in Startup Mahakumbh

DOSTBIN SOLUTIONS PRIVATE LIMITED, a proud incubate of BMS Innovation Centre and Entrepreneurship Park (BICEP), was selected and sponsored by Ktech, Startup Karnataka, to showcase their innovation at Startup Mahakumbh 5.0, held from 3.04.2025 to 5.04.2025, at Bharat Mandapam, New Delhi. This prestigious platform, recognized as India's largest startup event, brought together innovators, investors, and industry leaders from across the country. Dostbin's participation was backed by a ₹40,000/- sponsorship from Startup Karnataka, reflecting strong support for emerging innovations and Karnataka's thriving startup

ecosystem. Dr. Ekroop Caur, IAS, Secretary to the Government, Department of Electronics, IT, BT, and S&T, Government of Karnataka, spear heading Karnataka startups at National platform, further affirmed institutional encouragement for emerging technologies and sustainable innovations.

IP Utsava - Celebration Week at BICEP

As per AICTE guidelines, BICEP celebrated IP UTSAVA from 21st to 26th April 2025, organized by the Ministry of Education's Innovation Cell to promote IP awareness. Students and faculty at BMSIT&M engaged in the live inaugural session and six expert-led masterclasses on IPR. Innovation Head Dr. Kiran M.D. attended three sessions and completed the assessments.

Dostbin Solutions, a BICEP incubate, marked World Creativity and Innovation Day on 21.04.2025, Earth Day on 22.04.2025, and World IP Day 26.04.2025. Dr. Sandhya R. Anvekar, Director of VTU Skill Development Centres, visited BICEP and discuss innovation and sustainability.

Additionally, 29.04.2025, the IP Cell led by Dr. Praveen Kumar T N hosted a World IP Day session featuring Mr. Srikanth, Head of IP Services at TCS, who spoke on "Leveraging the Power of IP for the Next Wave of Innovation." The session highlighted the importance of protecting and commercializing innovations, aligning with BMSIT&M's mission to foster entrepreneurship and creativity. And given certificates to three teams whose patent was granted in 2024.

Deloai Math Quest 2024-25 – A Grand Celebration of Young Minds, and Product launch:

BICEP incubate – Deloai Pvt Ltd. Organized Deloai Math Quest 2024-25 held at BMSIT&04.04.2025 and 05.04.2025. Over 100 students from 53 schools across Doddaballapur and Devanahalli taluks participated. The event featured multiple rounds including a unique Tic-Tac-Toe challenge and an Auction Round. Akash International School emerged as the overall champions.

The event also witnessed the launch of DeloaiISchool+, an AI-powered adaptive learning platform, in the presence of MLA Dheeraj Muniraju and Dr. Manjunath from BMSIT. With a total prize pool of **Rs. 1 lakh**, the event inspired critical thinking and innovation among young learners.

Achievements:

1. **Dronacharya 2.0 – Drone Building Hackathon!**

A proud achievement for BMS Institute of Technology & Management as a team of five students clinched 1st place and a cash award of **Rs. 8,000** at Dronacharya 2.0, a national-level drone-building hackathon held on 2nd April 2025 at Vidya Vikas Institute of Engineering and Technology, Mysore. The team developed an innovative drone designed for sea rescue missions, equipped with YOLOv8 for real-time human and object detection. Once a person in distress is identified, the drone automatically deploys a self-inflatable swimming tube, ensuring swift and efficient rescue.

Team Members:

ETE students: Tharun Susri B, Sahil Sourav and Shankar Reddy
ECE students: Tanish R and Sharath S C

Their remarkable innovation highlights BMSIT&M's commitment to solving real-world problems through cutting-edge technology and interdisciplinary collaboration. The team also supported financially by BICEP **of Rs. 6500/-** for components and travel expenses, enabling them to participate and excel in this prestigious competition.

9th National Techno-Exhibition - Ambedkar Institute of Technology

The team from BMSIT&M, 8th semester ECE students Shishir, Kartik Patil, and Subhash, under the mentorship of Dr. Anitha V R, secured First Place cash **award Rs. 25,000**/- in the prestigious 9th National Techno Exhibition held at Dr. Ambedkar Institute of Technology. Competing under the "Drone and Related Technology" theme, the team emerged victorious among 150+ teams from various states across India. This innovative project is supported by **Rs. 1,00,000** funding from BICEP, under a faculty-driven project initiative led by Dr. Ravichandran, ME Department. The students' consistent dedication and excellence continue to bring laurels to BMSIT&M, this marks their second award for the project. The team is also in the process of protecting their innovation, with the Patent IDF currently under review by the IP Cell. We look forward to continued mentorship and support from the ECE Department as they take this innovation further.

External Participation

InnovateX 3.0 – Presidency University A team from BMSIT&M participated in InnovateX 3.0, a premier intercollegiate tech fest at Presidency University, competing in the Drone Race, RC Airplane, and Line Follower Bot competitions.

The team comprising of Sahil Sourav, Tharun Susri B S, Shankar Reddy, Tanish R, and Sharath S C, stood out for their innovative engineering and teamwork. Their drone demonstrated agile flight control, the RC airplane impressed with stability and design, and the line follower bot showcased speed and precision. While rankings varied, the team was widely appreciated for consistent, high-quality performance. The Team was financially supported by BICEP **Rs. 8000**/- for components and event registration.

PCB Prototyping Machine Training at BICEP

Under BICEP Aarohan lab a 2-layer PCB prototyping machine (Wegstr CNC-Dark) was procured worth **Rs. 6.7 lakhs** - from Ednex company This was a much-needed addition in Aarohan to help students for their projects and prototyping under the tools like 3 D printing machine and several other prototyping tools available in Aarohan lab. A two-day hands-on training on PCB Prototyping Machine was organized at the BICEP - Conference room on 28.03.2025 and 29.03.2025. The session aimed to equip faculty and technical staff with practical skills in designing and fabricating printed circuit boards using the in-house prototyping setup. A total of 16 participants, including faculty members and lab instructors, attended the training. The sessions were facilitated by two expert trainers Mr. R. Praveen Kumar, (Business Executive) and M Matheesh, (Technical Support Engineer) who demonstrated the end-to-end PCB prototyping process from schematic design to board milling and drilling.

The training on Wegstr PCB board design focuses on creating efficient and compact printed circuit boards for electronic applications. The design emphasizes signal integrity, proper component placement, and minimal

electromagnetic interference. Advanced software tools are used to layout single and multilayer boards to ensure manufacturability. Overall, the design approach ensures high-quality and cost-effective PCB production.

BICEP Principal Advisor – CA: Visit for Incubate Mentorship

Mr. Vinay Kumar, a **Chartered Accountant (CA)** and Principal advisor, visited the **BICEP (BMS Innovation Centre and Entrepreneurship Park)** on **21.03.2025**, His session was focused on **addressing finance and compliance-related queries** of the student and faculty incubates.

During the interactive session, Mr. Vinay Kumar provided valuable insights on:

- **Taxation norms**, covering **GST filing**, **TDS**, and **corporate tax regulations**
- **Benefits of Startup India and MSME registrations**, and how to avail related incentives
- **Standard accounting practices** and **bookkeeping essentials** for small businesses
- **Invoice maintenance** and tracking for transparency and compliance
- **Fund management strategies** for handling grants, bootstrapping funds, and early-stage investments
- **Financial documentation and projections** needed for pitching to angel investors or VCs
- **Audit requirements** and **statutory compliances** applicable to startups

The session proved highly beneficial for early-stage entrepreneurs at BICEP, as it helped clarify crucial financial and legal doubts, enabling them to move forward confidently in their startup journey. Mr. Vinay Kumar also offered to provide follow-up mentorship for selected incubatees needing deeper financial guidance

ANVESHANA 2025 – National Level Prototype Competition

The national-level prototype competition **Anveshana 2025** was organized by **BICEP** (BMS Innovation Centre and Entrepreneurship Park), in collaboration with the **Institution's Innovation Council (IIC)** on **28.03.2025**. More than **198 teams** from **across the India including IIT Delhi, IIT Hyderabad, Birla institute of technology, IIT Bhubaneswar, NIT Goa, NITK Surathkal, VIT Vellore institute of technology, TISS Tuljapur** participated. Out of which, 84 teams shortlisted for round 2 and the well-deserved 56 teams were selected for grand finale to showcase their groundbreaking innovations. The competition aimed to foster **innovation, creativity, and problem-solving skills**, and was conducted in **three dynamic rounds** – **proposal screening**, **virtual evaluation**, and **final prototype demonstration**.

The Chief Guest **Mr. Sreedhara Narayanaswamy**, Head of Innovations Centre, Oracle (Japan & Asia Pacific) and the Guest of Honor **Mr. Rajesh Bansal,** Senior Director, Product Development, Epicor, and Dr.

Sanjay H A, Principal, BMSIT&M inaugurated the event and emphasized the importance of innovation and encouraged the students to embrace challenges to achieve the success.

After intense evaluations and multiple rounds of mentorship, the final round featured **live prototype stalls**, **club exhibitions**, and **cultural performances**, creating a vibrant and engaging **tech-innovation ecosystem** on campus.

🏆 **Winners**

- **1st Prize**: *Motor Heads* (BMSIT&M) & *Picapool* (IIT Hyderabad)
- **2nd Prize**: *The Vedas* (Indira College of Engineering & Management)
- **3rd Prize**: *Force Garuda* (NIE Mysore)
- **10 Consolation Prizes** were awarded for outstanding creativity and impact.

1st Prize: Motor Heads & Picapool Rs.1,00,000/-

2nd Prize: The Vedas Rs. 50,000/-   **3rd Prize: Force Garuda, Rs.25,000/-**

The event was covered Widely by Vijay Vani, Bayalu Simha, Parivarthana Vani, Samaya Mithra, Samyuktha Vani, Vijaya Karnataka, Kannada Prabha, etc.

Tech transform - Inter Department Hackathon

Under the banner of Tech transform – Annual Technical festival, an intra department hackathon was organised for all UG departments on 27.03.2025 with different themes and problem statements. The event aimed to encourage the students to ideate, code, and build impactful tech solutions for solving societal problems in a fast-paced. The event served as a launchpad for innovation and collaboration, fostering creativity and technical excellence among budding developers. The prize pool of **Rs. 2 lakhs** were used to encourage the winners with cash awards up to **Rs. 10,000**/- each.

Sl.No	Department	Department Events
1	CSE	• InCSEption • Hacksphere
2	ECE	Hackathon Build-to-Control
3	EEE	• CircuiThon • Mystery Mesh
4	Civil	Civil Inno-Hack 2025
5	CSBS	Cook The Code
6	ME	IDEATHON 2025 0N SDG's
7	ETE	SMARTX HACKATHON 2025 (Tekruti 8.0)
8	AI&ML	NeuroNova-25

The exuberant student participation led to reward excellence for best-performing team from each department. Winning teams will also be mentored to refine their ideas further, with potential support from BICEP for prototype development and pitching in larger competitions.

NCC Activities

DG Interaction Session, 08.04.2025

The Director General of the National Cadet Corps (NCC) Lt General GP Singh PVSM, AVSM, VSM concluded a two-day visit to the Karnataka and Goa NCC Directorate on April 8, 2025. During the visit, he reviewed the performance of the Directorate and appreciated the efforts put in towards winning the PM's trophy for the best performance in 2024-25. CSUO Varadaraj Prabhu and BJUO Sagar B S were part of this event.

NCC Farewell for batches 2021-24 and 2022-25, 12/04/2025

A farewell ceremony was conducted for the batches of 2021-24 and 2022-25 in the presence of the Principal, Dr. Sanjay H A, Dean of Student Welfare, Dr. Ambika R, ANO, Lt. Rani Mysore Srinivas and seniors. The outgoing batches were felicitated and appreciated for all the efforts they put in during their successful tenures.

Farewell, 24/04/2025

CSUO Pooja P and BJUO Sagar B S received the "Best Outgoing Cadets" award during their farewell. They were felicitated by the Principal, Dr. Sanjay H A, Vice Principal, Dr. Anil G N and Dean of Student Welfare, Dr. Ambika R and other dignitaries.

IDSSC Firing Practice

Cadets LCPL Jeevitha A, LCPL Varsha B, LCPL Jeevan S, Cdt Ananya Gupta, Cdt Surekha S, Cdt Aatif M, and Cdt Suteerth attended firing practice conducted by 39 Kar BN at NCC Firing Academy, Hosahalli on 15/03/2025, 29/03/2025, and from 21/03/2025 to 25/03/2025.

B – certificate and C – certificate Examination Results, 28/04/2025

Out of 13 cadets who attended B Certificate Examination, 12 cadets secured 'A' grade and 1 cadet secured 'B' grade. For C Certificate Examination, out of a total of 24 cadets, 15 secured 'A' grade and 9 secured 'B' grade.

Sports Events

Farewell - 24/04/2025

Niteesh K from the dept of ISE, Avinish Philip, from the dept of ECE, Sharvesh S from the dept of EEE were awarded Best Outgoing Students for Sports by the Principal, Dr. Sanjay H A, Vice Principal, Dr. Anil G N and Dean of Student Welfare, Dr. Ambika R and other dignitaries.

Open Sports Tournament, Utsaha - 25/04/2025

The Department of Physical Education at BMSIT&M successfully organized an open tournament featuring Football and Basketball. The players competed in a 3v3 format, creating an environment filled with fun and sportsmanship.

Placement Activities

2025 BATCH FINAL PLACEMENTS: The placement season for the 2025 Batch commenced on 01.07.2024. As of 30.04.2025, a total 849 placement & internship offers have been given.

M./s COGNIZANT NPN: 2026 Batch COGNIZANT NPN Cyber Security Workshop on 04.04.2025.

M./s SISA: 2025 Batch SISA Campus Drive on 11.04.2025. / M./s Syniverse: 2025 Batch Syniverse Campus Drive on 21.04.2025.

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