



## B.M.S. COLLEGE OF ENGINEERING, BENGALURU

Autonomous Institute, Affiliated to VTU

### REPORT ON COLLEGE ACTIVITIES – JUNE 2024

June 1<sup>st</sup>, 2024

- Dr. Balachandra K., Assistant Professor, Department of Electronics and Telecommunication Engineering published a paper titled, 'Ensemble Model-Based Singer Classification with Proposed Vocal Segmentation' in Wireless Personal Communications journal, Springer.

students(2024 batch) of the Melton Foundation.



- Dr. B. Kanmani, Professor, Department of Electronics & Telecommunication Engineering conducted an online session on, 'Outcomes Based Education – Course Outcomes', organized by the Center for Engineering Education Development, KG Reddy College of Engineering and Technology, Hyderabad.



June 3<sup>rd</sup>, 2024

- Dr. Gowrishankar, Professor & Head, Dr. Monika P., Smt. Kusha K.R., Sri. Amogh Pramod Kulkarni, Smt. P. Supriya and Smt. Harshini N., Assistant Professors in the department of Artificial Intelligence & Machine Learning through BSN Center of Excellence in AIML conducted Two-week Students Development Program on 'Deep dive into Machine Learning and Deep Learning Techniques' at Dr. T. Thimmaiah Institute of Technology, Kolar during June 3<sup>rd</sup> -14<sup>th</sup>, 2024.

June 2<sup>nd</sup>, 2024

- The Creative Clay Pottery workshop was organized for the Melton fellows of the college at Pottery Town located in Bengaluru. The primary agenda of this gathering was to facilitate and encourage team building among the existing members and the newly added batch of

- The Department of EEE in collaboration with IEEE SSIT, organized one-week Short Term Training Program on 'VLSI, Verilog, Robotics and Embedded Systems' for 6<sup>th</sup> semester students in the department as a part of their Internship Program. External and internal experts in the field conducted



## B.M.S. COLLEGE OF ENGINEERING, BENGALURU

Autonomous Institute, Affiliated to VTU

### REPORT ON COLLEGE ACTIVITIES – JUNE 2024

the sessions.



June 5<sup>th</sup>, 2024

- ✚ The Department of Aerospace Engineering organised Open Day. The event featured a project exhibition by the final year students, displaying a wide array of innovative and practical solutions to Aerospace Engineering challenges. Among the projects exhibited, top five were selected based on their innovation, practicality and potential impact on the aerospace industry for felicitation.



- ✚ Students' club of department of AI and DS, 'VARIANCE' was inaugurated by Sri.Shyam Gopal Krishnan, Director, professional services, APJ. The Principal, HOD-AI & DS and other

dignitaries graced the occasion. The inauguration was followed by a session on 'AI and its applications' by Sri.Pramod Kumar N., Head of Product and Engineering, Phamax.



- ✚ Sri.Thirtha Kumar G.S., Assistant Instructor in the department of Civil Engineering attended a seminar titled, 'Geospatial technology for environmental monitoring and conservation' funded by SERB, DST, GOL organised at JSS Academy of Technical Education, Bengaluru.
- ✚ Dr.R.Suresh Kumar, Associate Professor, Department of Mechanical Engineering was invited to conduct Academic and Administrative Audit at SJB Institute of Technology, Bengaluru.

June 6<sup>th</sup>, 2024

- ✚ The Department of CSE organized a session on 'Smart Contracts - Blockchain Use Cases' by Sri. Sandeep Sreenath, Senior Engineering Manager, Polygon Research Labs. The event was organised for the benefit of 6<sup>th</sup>



## B.M.S. COLLEGE OF ENGINEERING, BENGALURU

Autonomous Institute, Affiliated to VTU

### REPORT ON COLLEGE ACTIVITIES – JUNE 2024

semester students. The participants had the hands-on experience in programming and also addressed their concern of developing DApps as a part of their syllabus.



The NSS unit of the college in association with BBMP South and Basavanagudi Police organized a Walkathon on the occasion of World Environment Day. The participants walked from BMSCE to National College and back. In addition to the Walkathon, a plantation drive was conducted at Srinagar Government School.



The Ph.D. viva voce of Sri.Shamanth Gowda T., Assistant Professor in the Department of Civil Engineering under the guidance of Dr.R.V.Ranganath, Professor. Civil Engineering on the topic, 'Influence of Ultra-fine Mineral admixtures on the properties of concrete' was conducted.



Dr.Vardhaman S. Mudakappanavar, Associate Professor, Dr.Ram Rohit V., Sri.Ramesh M. Chalkapure, Dr.R.Prakash, Assistant Professors in the department of Mechanical Engineering, Sri.Satyanarayana Reddy, Assistant Instructor co-authored and published a technical paper titled, 'Study of Leading-Edge Protuberances for Low Speed Horizontal Axis Wind Turbines' in Educational Administration: Theory and Practice.2024, 30(5), 12969-12974, ISSN: 2148-2403 <https://kuvey.net/>







## B.M.S. COLLEGE OF ENGINEERING, BENGALURU

Autonomous Institute, Affiliated to VTU

### REPORT ON COLLEGE ACTIVITIES – JUNE 2024

June 7<sup>th</sup>, 2024

- The Competitive Examination and Higher Study Cell (CEHSC) organized a seminar on 'The real world problems Supercomputers can't solve' by Prof. Andrew Ooi, Associate Dean in the Faculty of Engineering and Information Technology, University of Melbourne, Australia.



- Dr. Umadevi V., Professor and Dr. Panimozhi K., Assistant Professor in the Department of CSE were invited as resource persons for two day workshop on 'Documentation using Latex with Hands-on Session' organized at Vemana Institute of Technology, Bengaluru during June 7<sup>th</sup> - 8<sup>th</sup>, 2024.



- Higher Education Seminar by Manya Associates was organized by the Department of CSE for the benefit of fourth semester students willing to pursue Higher Education.



- Dr. Ashwini Appaji, Alumni Relations Manager was invited as a speaker at Dayananda Sagar university on the occasion of Environment Day celebration



- Dr. D N Sujatha, Professor, Department of Computer Applications was invited as Chief Guest for inauguration of IEEE Computer Society Chapter at School of Engineering, Dayananda Sagar University.





## B.M.S. COLLEGE OF ENGINEERING, BENGALURU

Autonomous Institute, Affiliated to VTU

### REPORT ON COLLEGE ACTIVITIES – JUNE 2024

Dr.Madhuri P Rao, Assistant Professor, Department of Chemistry co-authored and published a book chapter titled, 'Spirooxindole Derivatives as Antibacterial Agents' in Spirooxindole: Chemistry, Synthesis, Characterization and Biological Significance, ISBN: 9780443223259, Elsevier, 2024, 521-536. <https://doi.org/10.1016/B978-0-443-22324-2.00022-9>.

Department of Electronics and Telecommunication Engineering in collaboration with IEEE student branch conducted 30 hours internship program on Signal Processing and Communication with hands-on training for the 6<sup>th</sup> semester students of ETE. Dr. Prasanna Kumar M.K., Assistant Professor, Dept. of ETE was the resource person. The program aimed at educating the participants about problem-solving skills using modern engineering tools in the domain of signal processing and communication and Technical paper writing skills.



Department of Electronics and Instrumentation Engineering organized a lecture series on 'Overview of Industry

standards and its importance' by Sri.P.S.Krishna, Consultant, Control Systems, Senior Life Member-ISAB .

June 8<sup>th</sup>, 2024

Protocol, the CSE Departmental Club conducted three days hands-on workshop on Flutter on 8<sup>th</sup>, 17<sup>th</sup> & 21<sup>st</sup> of June 2024. Mr.Vidhaan Appaji, an Alumnus of department of CSE was the resource person. Around 80 students participated in the workshop.



Dr.Shachi P., Assistant Professor, Department of Electronics and Communication Engineering was invited as a jury member for Hackathon event, 'EDU-VITALITY' organized by IEEE-Comsoc, RVCE in collaboration with IEEE Comsoc Bangalore Chapter and Intel Technology India.





## B.M.S. COLLEGE OF ENGINEERING, BENGALURU

Autonomous Institute, Affiliated to VTU

### REPORT ON COLLEGE ACTIVITIES – JUNE 2024

- Dr. B Kanmani, Professor in the department of Electronics & Telecommunication Engineering was invited to conduct one-day workshop, 'Effective Implementation of OBE' at Nandha Engineering College, Erode (Tamil Nadu).



Collegiate Bengaluru Division Tennis tournament & Runners-up position in VTU State Level Tennis Championship 2024-25 organized at JSSATE, Bengaluru and PESCE, Mandya respectively during June 2024.



- Dr. Rajeshwari Hegde, Professor & Head, Department of Electronics and Telecommunication Engineering was invited as an external expert for the Board of Studies meeting at the Department of Electronics and Telecommunication Engineering, SSIT, Tumkur.



June 11<sup>th</sup>, 2024

- BMSCE Tennis Men team secured Runners-up position in VTU Inter

- Dr. K Asha, Assistant Professor in the department of Civil Engineering attended NABL Assessors Training Course on ISO/IEC 17025.2017 conducted at Bengaluru during June 11<sup>th</sup> -15<sup>th</sup>, 2024.

- Department of Electronics and Communication Engineering conducted the Arduino Bootcamp, the flagship event of ELSOC during June 11<sup>th</sup>-18<sup>th</sup>, 2024. The workshop provided a comprehensive introduction to the world of Electronics, equipping participants with hands-on experience. Dr. Archana H R, Assistant Professor, Dept., of ECE coordinated the event.





## B.M.S. COLLEGE OF ENGINEERING, BENGALURU

Autonomous Institute, Affiliated to VTU

### REPORT ON COLLEGE ACTIVITIES – JUNE 2024

June 12<sup>th</sup>, 2024

- Dr. Rajeshwari Hegde, Professor & Head, Department of Electronics and Telecommunication Engineering was invited as an external expert for the IQAC meeting at the Department of Electronics and Telecommunication Engineering, Bangalore Institute of Technology.
- The 87<sup>th</sup> meeting of Board of Governors was convened at the college.



- Dr.S.B.Bhanu Prashanth, Professor in Medical Electronics was invited as an external expert member for the Board of Studies meeting in the department of Biomedical Engineering, SSIT, Tumkur.



- A lecture on the topic, 'Various methods of Construction Technology and its practical Applications' by Er.Madan Madhav Rao was organized by the department of Civil Engineering for the benefit of 4<sup>th</sup> semester students.

June 13<sup>th</sup>, 2024

- Mr. A J Ilaya Bharathi, UG student in the Department of Electronics and Communication Engineering under the guidance of Dr. K N Madhusudan, Assistant Professor in the department presented a technical paper titled, 'Smart Reader for Visually Impaired' in the Intercollegiate Technical Fest conducted by Dept., of ECE, Gopalan College of Engineering and Management, Bengaluru.
- Dr. Madhusudan K N, Assistant Professor, Department of Electronics and Communication Engineering was invited as a jury member for the 'Technical Paper Presentation and Line Follower' event in the Technical fest, 'GETOCS' organized by the Dept., of ECE, Gopalan College of Engineering & Management, Bengaluru.





## B.M.S. COLLEGE OF ENGINEERING, BENGALURU

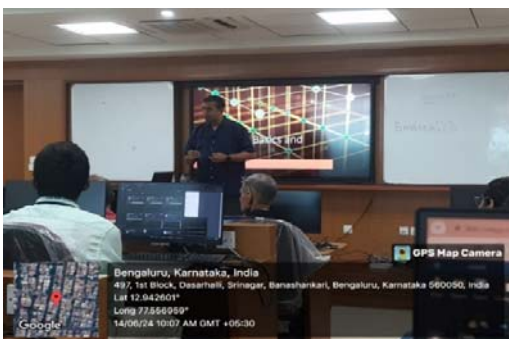
Autonomous Institute, Affiliated to VTU

### REPORT ON COLLEGE ACTIVITIES – JUNE 2024

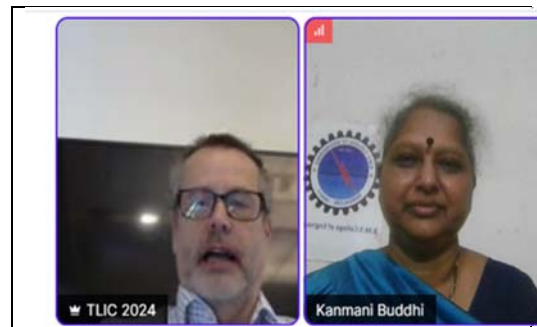
- Alumni from Batch of 2004, Printing Technology had a 20 yrs of reunion at college cherishing their memories at the beloved alma mater. It had been two decades since they last walked in the campus, but the memories were as vivid as ever.



- The Department of CSE (ICB) and AI&DS in association with Algorand conducted a Faculty Development Program on “Next-Gen Educators: Mastering Blockchain with Algorand”. This transformative three-day program was designed to equip academic professionals with the latest in Blockchain Technology, featuring hands-on training and insights from industry leaders. Faculties from various institutes and industry personnel participated in the workshop.



- Dr. B Kanmani, Professor, Department of Electronics & Telecommunication Engineering delivered a talk(online) on ‘Pedagogy improvements after the International Engineering Educator Certification Program’, during the Learning Ideas conference, TLIC - 2024, in the IGIP (International Society for Engineering Pedagogy) Track, held at New York.



- Dr. Rajeshwari Hegde, Professor and Head, Department of Electronics and Telecommunication Engineering attended the workshop on ‘Neuroscience of Consciousness’ organized by Centre





## B.M.S. COLLEGE OF ENGINEERING, BENGALURU

Autonomous Institute, Affiliated to VTU

### REPORT ON COLLEGE ACTIVITIES – JUNE 2024

for Neuroscience, IISC, Bangalore.



June 14<sup>th</sup>, 2024

- PhD Viva-Voce Examination of Research Scholar, Mr.C.Deepak for the thesis titled, 'Investigation on Indirect Evaporative Cooling System working on Maisotsenko Cycle' under the guidance of Dr. Rudra Naik, Professor, Department of Mechanical Engineering was conducted.
- The Department of CSE in association with <CodeIO/> conducted an NLP workshop for UG students. The resource person was Dr. Chaitra N, Associate Professor, Department of CSE, PES University. Around 56 students participated in the workshop.



- Mr. Sharath, fourth semester student in the department of ISE won Gold Medal in the VTU State Level Cross Country Championship 2023-24 held at Bahubali College of Engineering, Shravanabelagola.

June 15<sup>th</sup>, 2024

- Meeting of Board of Studies(BoS) of Electrical Cluster departments was conducted. Scheme and Syllabus of 2022 Batch was deliberated in detail.



- The Department of Electronics and Instrumentation Engineering organised Parents-Teachers meeting. The Parents/guardians attended the meeting and interacted with the faculty members.





## B.M.S. COLLEGE OF ENGINEERING, BENGALURU

Autonomous Institute, Affiliated to VTU

### REPORT ON COLLEGE ACTIVITIES – JUNE 2024

- Dr. V. Padmapriya, Assistant Professor in the department of Computer Applications delivered a talk titled, 'Pathfinders- be your own scout' at SRS First Grade College, Chitradurga. This talk was organised for the benefit of BCA students towards providing insights on higher studies options after BCA and career guidance.



- Sri. Shiva Prasad N., Assistant Professor in the department of Civil Engineering defended his Ph.D thesis titled, 'Laboratory Evaluation of stabilized Bases on the Performance of Flexible Pavements' at SKSJT Research Centre, Bengaluru.

June 18<sup>th</sup>, 2024

- Dr. Preethi K. Mane, Associate Professor, Department of Electronics and Instrumentation Engineering co-authored and published a paper titled, 'Novel Framework for Multi-Scale Occupancy Sensing for Distributed Monitoring in Internet-of-Things', in Journal, Wireless Personal Communication, 136, 601–616 (2024). <https://doi.org/10.1007/s11277-024-11337-3>

- The NSS unit in collaboration with U & I Teach NGO organized a briefing session for students interested in dedicating 2.5 hours a week to teaching. The event saw enthusiastic participation, highlighting the commitment of students to contribute to community education.



- 'SENSORED', the club of the Computer Science (ICB) Department, organized an event called 'Codewars'. The event aimed to promote coding skills, algorithmic thinking and problem-solving abilities among the participants. The event was highly successful and received positive feedback from all the participants.



- Department of AI and DS conducted lecture series focused on understanding



## B.M.S. COLLEGE OF ENGINEERING, BENGALURU

Autonomous Institute, Affiliated to VTU

### REPORT ON COLLEGE ACTIVITIES – JUNE 2024

harmony in the family and society through human-human relationships. The session was conducted by Ms. BK Nalini from Prajapita Brahma Kumaris Ishwariya Vishwa Vidyalaya on June 18<sup>th</sup> & 25<sup>th</sup>, 2024.



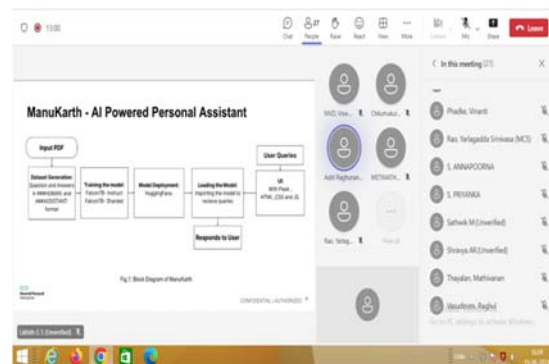
The Department of CSE in association with <CodeIO/> conducted “Go” workshop for UG students. The resource person was Ms. Pooja Srinivisan, Software Engineer (L2) at Twilio. Around thirty students participated in the workshop.



Dr. Sharanappa Chapi, Assistant Professor, Department of Physics co-authored and published a paper titled, ‘Prediction of electrocoagulation treatment of tannery wastewater using multiple linear regression-based ANN: Comparative study on plane and punched electrodes’ in Desalination and Water Treatment, Volume 319, July 2024, Page No. 100530, Q3 Journal, Online ISSN: 1944-3986 DOI: <https://doi.org/10.1016/j.dwt.2024.100530>

June 19<sup>th</sup>, 2024

The HPE CTY project titled, ‘ManuKarth - an AI Powered Personal Assistant’ was successfully completed and presented to the HPE team by the students, Ms. Aditi R, Mr.Chinmay N, Ms.Deeksha J, Mr.Likhith G S & Mr.Sathwik M of department of Computer Science & Engg. The students were mentored by Sri.ShivaPrasad Ashok Metimath from HPE and Dr Umadevi. V & Ms.Shravya AR, faculty members of CSE.







## B.M.S. COLLEGE OF ENGINEERING, BENGALURU

Autonomous Institute, Affiliated to VTU

### REPORT ON COLLEGE ACTIVITIES – JUNE 2024

✚ Mr. Shivank V., second semester student in the department of ECE won eight Gold and one Silver medals, Mr. Prahladh N C., sixth semester student in the department of AIML won one Silver & two bronze medals. And Men team secured Silver in 4x100 medley relay in the VTU state level swimming Competition 2024-25. BMSCE Swimming Men team secured Runners-up position in VTU state level swimming Competition 2024-25 organised during June 19<sup>th</sup> -20<sup>th</sup>, 2024.



✚ Dept. of ETE in association with Bytedocker, Stellapps Technologies and Eekigai Institute for AI, USA organized an open house project exhibition, 'AVALOKANA'. Sixth semester students in the department presented their projects. The projects were evaluated by Ms. Rakhee Achutan, Director, HPE, and Sri. Rajshekhar, Ex Scientist, ISRO. The winners were felicitated.



✚ Professors from PolyTech Nancy University, members from French Consulate and La Foundation - Dassault Systemes, visited the Product Innovation lab and Fluid Mechanics laboratories and interacted with faculty members & students as part of the interaction for possible student exchange program & internships.



✚ Dr. Asha GR & Smt. Sandhya A Kulkarni, Assistant Professors in the department of CSE along with 8<sup>th</sup> semester students, Mr. Aravind Siddharth R., Mr. Aneesh Punichithaya, Ms. Aniksha Surendar and Mr. Akash V., co-authored and published paper titled, "Rate Limiter for Low Latency and DDOS Resilience" in Strad Research, Journal, ISSN No 0039-2049, Volume 11, Issue 6, pp 16-24.

✚ Dr. R. Suresh Kumar, Associate Professor in the department of Mechanical



## B.M.S. COLLEGE OF ENGINEERING, BENGALURU

Autonomous Institute, Affiliated to VTU

### REPORT ON COLLEGE ACTIVITIES – JUNE 2024

Engineering chaired a session in the International Conference on Advances in Engineering Design, Manufacturing & Mobility (AEDMM-2024) organized by Dayananda Sagar College of Engineering.

- The orientation of “Singularity”, Astronomy club of the College was organised. The session was facilitated by Dr. Suresha B L, HOD-Physics & Faculty Coordinator of Astronomy Club. He apprised the club's mission and upcoming activities. Senior student Coordinators in the club shared the club's past events, highlighting successful initiatives, professional connections and engagements.



- The NSS Unit of the college in collaboration with IEEE PELS and IES, organized the FOOD W.I.S.E (Wise in Snack Eating) awareness drive for school children. NSS volunteers conducted a session towards creating awareness about healthy food habits among the kids and also emphasized on reducing plastic use and disposal of waste in dustbins.



June 20<sup>th</sup>, 2024

- Memorandum of Understanding (MoU) was signed between the Central Manufacturing Technology Institute (CMTI), Bengaluru and BMSCE. Dr.Y.K.Suneetha, Professor & Head and Smt.Shabnam Siddiqui, Assistant Professor, department of Chemical Engineering are the faculty coordinators for the collaboration.







## B.M.S. COLLEGE OF ENGINEERING, BENGALURU

Autonomous Institute, Affiliated to VTU

### REPORT ON COLLEGE ACTIVITIES – JUNE 2024

- Dr.Nalina V., Assistant Professor in the department of ISE conducted Hands-on session on 'Cisco packet Tracer' for the students of department of Computer Science & Engineering(Data Science).



June 21<sup>st</sup>, 2024

- The sixth semester students of Information Science & Engineering visited CISCO-SEZ unit. A pre-placement talk was organised to apprise the students about the recruitment process, the types of roles available, the skills and qualifications sought by CISCO. Smt.S.Preetha & Smt.Mahalakshmi B.S., Assistant Professors in the department accompanied the students.



- A talk on Importance of Higher Education and Competitive Exam like GRE, CAT, GMAT was delivered by Sri.Kumar from Times Group in association with BMS academy. The fourth semester students of the department of CSE attended the event.



- 'PROTOCOL', CSE Departmental Club in collaboration with IEEE Pels conducted an inspiring Ideathon on the topic, 'Innovative ways to use sensors in Agriculture' for UG students. Sri.Shravan Murthy, Physical Product development specialist at MSME was the resource person.



- Dr.Praphulla, Associate Professor from Department of Biotechnology delivered a seminar on Nanotechnology during IEEE PELS WEEK conducted at the





## B.M.S. COLLEGE OF ENGINEERING, BENGALURU

Autonomous Institute, Affiliated to VTU

### REPORT ON COLLEGE ACTIVITIES – JUNE 2024

college in collaboration with IEEE WIE .

- Departments of Physical Education & Sports Science and Electronics & Telecommunication Engineering in association with the NCC, NSS and Civil Defense units of BMSCE organized a session on Yoga by Sri.Amar Srividya, Heartfulness Yoga Trainer on the occasion of 10<sup>th</sup> International Yoga Day.



- BMSCE Taekwondo(M&W) teams emerged as Runners-up in VTU State Level Taekwondo Championship 2024-25 organized at Global Academy of Technology, Bengaluru during June 21<sup>st</sup> & 22<sup>nd</sup>, 2024. Men's team secured 2 Gold & 2 Silver medals, Women's team secured 2 Gold, 1 Silver & 4 Bronze medals.



- Ph.D Viva-Voce of Research Scholar, Mrs.G.Padmavathi for the thesis titled, 'Effect of HVOF Thermal Spray Cermet Coating on Surface Morphology and Fatigue Behaviour of AISI 4340 Steel' under the guidance of Dr. B. N. Sarada, Professor, Department of Mechanical Engineering was conducted.

- The NSS Unit of the college celebrated International Yoga Day at Sringeri Government School. Ms.Aditi Rao, student from Mechanical Engineering taught various asanas to the students. The school students were apprised to incorporate yoga into their daily routines for a healthier lifestyle.





## B.M.S. COLLEGE OF ENGINEERING, BENGALURU

Autonomous Institute, Affiliated to VTU

### REPORT ON COLLEGE ACTIVITIES – JUNE 2024

✚ Dr.B.Sudarshan, Assistant Professor, Department of Mechanical Engineering co-authored and presented a technical paper titled, 'Effect of Surface Modifications on Drag Reduction of Delta Wing' in the International conference on 'Composites: Design, Processing, Manufacturing and Health Monitoring (CDPMHM)' organised at IIT-Mandi, Himachal Pradesh, India.

✚ Dr.R.Suresh Kumar, Associate Professor, Department of Mechanical Engineering was invited as a resource person to conduct a training programme on 'Outcome Based Education' organized by the Internal Quality Assurance Cell (IQAC), SVR Engineering College, Ayyalur Metta, Nandyal, A.P.

June 22<sup>nd</sup>, 2024

✚ Dr. Ashwini Appaji, Alumni Relations Manager was invited by Atria College of Engineering for Student's Conclave 2024 for giving a talk on 'Building Leadership skills and quality'.



✚ Fixed wing UAV was successfully flight tested at Jakkur Aerodrome. The project of final year students of Aerospace Engineering, Mr.Shree Charan Bhat K.L, Mr.Abhishek P Kolor, Mr.Anul Shetty, Mr.Nishanth Gowda M, Mr.Rahul, Mr.Sriharsha Patil was guided by Sri.Kiran P Kulkarni of Haribon Aeronautics, Sqn.Ldr. K N Ramakrishna and Dr. Y S Rammohan, HOD-Aerospace Engineering.



✚ Dr.N.Sandeep Varma, Associate Professor, Department of Machine Learning(AIML) attended the meeting of Board of Studies organised at the Dept. of CSE in AI & ML, Maland College of Engineering, Hassan as an external expert member.





## B.M.S. COLLEGE OF ENGINEERING, BENGALURU

Autonomous Institute, Affiliated to VTU

### REPORT ON COLLEGE ACTIVITIES – JUNE 2024

June 23<sup>rd</sup>, 2024

- Department of Medical Electronics in association with IEEE WIE, AG, Bengaluru conducted a webinar(online) on 'Yoga for women empowerment' by Mrs.Sunitha Ravi, Yoga Trainer on the occasion of International Yoga Day.



Chairperson, BMSET. Sri. Aviram Sharma, Trustee, BMSET, Dr.S.Muralidhara, Principal, Wg.Cdr.R.A.Raghavan(R), Director, BMSET, Dr.B.Ravishankar, COE and other dignitaries graced the occasion.



June 24<sup>th</sup>, 2024

- Dr. Anil Chandra A R and Dr. Suhas B. G., Assistant Professors, Department of Mechanical Engineering along with Dr. Prema V., Associate Professor, Department of Electrical & Electronics Engineering published a paper titled, 'VR Enabled Solar/Wind Microgrid for Enhanced Learning' at 15<sup>th</sup> International IEEE Conference on Computing, Communication and Networking Technologies (ICCCNT) organised at IIT-Mandi, Himachal Pradesh during June 24-28, 2024.

- Mr. Sharath, IV semester student in the department of ISE won Silver Medal in both Half Marathon (21 km) and 5000 mtrs in the VTU State Level Athletic Championship 2023-24 organised at VTU Regional Centre, Mysuru during June 26<sup>th</sup> to 29<sup>th</sup>, 2024.



- B.S.Narayan centre for Digital Transformation was inaugurated by Dr.B.S.Ragini Narayan, Donor Trustee &

June 26<sup>th</sup>, 2024

- Dr. Hari Prasad Uppara, Assistant Professor in the department of Chemical Engineering co-authored and presented





## B.M.S. COLLEGE OF ENGINEERING, BENGALURU

Autonomous Institute, Affiliated to VTU

### REPORT ON COLLEGE ACTIVITIES – JUNE 2024

a paper titled, 'Enhanced supercapacitive performance of Cu-NiO based MOF impregnated carbon electrode: Synthesis, characterization and electrochemical investigation' in an International Conference on Recent Trends in Transport Processes (RTTP - 2024), organised at NIT, Hamirpur during June 24 - 26, 2024. The team was awarded First prize for oral presentation.

- The office of the Dean(FYB) in association with NSS unit of the college and Hanumanthnagar Police organised an awareness session to first year students on the occasion of the International Day against Drug Abuse and Illicit Trafficking. The resource persons were from Hanumanthnagar Police. Their insightful presentation and interactive sessions highlighted the legal, social, and health consequences of drug abuse.



- Dr.Harish K N, Assistant Professor, Department of Chemistry co-authored and published a research paper titled, 'Effect of modified CdFe<sub>2</sub>O<sub>4</sub>NPs- graphite - based electrochemical sensor for heavy metal lead with paracetamol detection and photocatalytic applications', Journal of Materials Science: Materials in Electronics, Volume 35, article number 1252, 26<sup>th</sup> June 2024. And Q2 Journal. Impact factor: 2.8, Electronic ISSN: 1573-482X, PrintISSN:0957-4522, DOI: <https://doi.org/10.1007/s10854-024-12959-w>

June 27<sup>th</sup>, 2024

- Smt.Chaitanya L., Assistant Professor, EEE presented a paper titled, 'Tackling Dta challenges in Energy domain - Synthetic data is the answer' in Women in data Science (WiDS 2024) organized by Intuit, Bengaluru .



- Dr.M.S.Dharmaprakash, HOD-Chemistry, Dr.K.L.Nagashree, Dr.S.Manjunatha and Dr. Madhuri P Rao, Assistant Professors in the Department of Chemistry



## B.M.S. COLLEGE OF ENGINEERING, BENGALURU

Autonomous Institute, Affiliated to VTU

### REPORT ON COLLEGE ACTIVITIES – JUNE 2024

published an article titled, 'Diesel soot as a cost effective and efficient adsorbent of hazardous methylene blue-An environmental benign approach' in Journal of Molecular Structure, a Q2 journal published by Elsevier with impact factor 4.0 on 27th June 2024. <https://doi.org/10.1016/j.molstruc.2024.139159>, Online ISSN: 1872-8014, Scopus.

✚ Dr. Feroz Morab, Assistant Professor, Department of Electronics and Communication Engineering, Dr.Rajeshwari Hegde, Head, Department of Electronics and Telecommunication Engineering and Dr.Veena Hegde, Professor, Department of Electronics and Instrumentation Engineering published a paper titled, "Swift Convergent Weighted Quadrigeminal Beamformer Using Smart Antenna System", in Traitement du Signal Vol. 41, No. 3, June, 2024, pp. 1365-1375.

✚ Dr. Rajeshwari Hegde, Professor and Head, Department of Electronics & Telecommunication Engineering co-authored a book chapter titled, "Philosophy of Well-being in Sustainable Architecture", COPAL Publishing group.

✚ Sri.Pradeep S., Assistant Professor, Department of Biotechnology presented a research paper on

'Systems Biology approaches for personalized metformin dosage of Treatment in Type II Diabetes Mellitus' at the 16<sup>th</sup> International Conference on Pure Mathematics, Applied Mathematics, and Computational Methods held at Bern, Switzerland during June 27-30, 2024 and secured Best Applied Research award



June 28<sup>th</sup>, 2024

✚ Ms.Aditi Sankaranarayanan, Ms.Diya Shetty and Ms.Kirti Chetwani, 8<sup>th</sup> semester students of the Information Science and Engineering department under the guidance of Dr.V.Nalina, Assistant Professor in the department made a Project presentation titled, 'IoT-integrated Digital Twin for Cow-Health Monitoring' at Engenius Best Project award 2024 organised by Amritha University,Coimbatore and won first prize for best Innovation Project .





## B.M.S. COLLEGE OF ENGINEERING, BENGALURU

Autonomous Institute, Affiliated to VTU

### REPORT ON COLLEGE ACTIVITIES – JUNE 2024

- The Academic Council meeting was convened in the college. Syllabus and other academic issues were deliberated in detail.



June 29<sup>th</sup>, 2024

- Dr. Madhuri P Rao, Assistant Professor, Department of Chemistry co-authored and published a book chapter titled, "Spirooxindole Derivatives as Antibacterial Agents" in Spirooxindole: Chemistry, Synthesis, Characterization and Biological Significance, ISBN: 9780443223259, Elsevier, 2024, 521-536. <https://doi.org/10.1016/B978-0-443-22324-2.00022-9>.
- Dr. Veena M B, Professor, Department of Electronics and Communication Engineering along with PG students, Ms. Nayana V S and Ms. Shreya S K published a paper titled, 'Development of In-Memory Wallace Tree Architecture using Block RAM' in International Journal of Emerging Technology and Advanced Engineering, Volume 14, Issue 06, June 2024, ISSN 2250-2459.

- The following officials who retired from service at the college on attaining the age of superannuation were felicitated.

- Dr. S. Muralidhara, Principal
- Smt G. Shubhavathi, Registrar
- Sri. Ningaiah, Assistant Instructor, Dept. of IEM







## B.M.S. COLLEGE OF ENGINEERING, BENGALURU

Autonomous Institute, Affiliated to VTU

### REPORT ON COLLEGE ACTIVITIES – JUNE 2024

✚ Dr. Rajeshwari Hegde, Professor and Head, Department of Electronics & Telecommunication Engineering attended the Board of Studies(BOS) meeting convened at the Department of Electronics and Telecommunication Engineering, Dr.AIT, Bengaluru as a member of BOS.



✚ International Society of Automation (ISA) Bangalore Section recently held an awards ceremony to recognize the outstanding achievements and contributions of students and faculty members. The ISAB Student Chapter Excellence Award was presented to the ISAB BMSCE Student Chapter. Dr. Veena N. Hegde, Professor, Dept. of EIE received ISAB Student Chapter Liaisoning Excellence in Leadership Coordination Award for her service for the student community under the Professional Body, International Society of Automation (ISA), Bangalore section. Mr. Bhavye Bhasin, student of Dept. of EIE, BMSCE, received Student Leadership Excellence Award and the ISAB Student Project Excellence Award

during the ISAB Annual General Body Meeting.



✚ Dr. D N Sujatha, Professor, Department of Computer Applications was invited as Chief Guest for the Inauguration of IEEE CS Chapter at St Joseph's University.



✚ NSS volunteers of the college actively participated in Green Sundays 440, 441, 442 and 444 organized by the Adanya Chetana Foundation. The events were conducted on 2<sup>nd</sup>, 9<sup>th</sup>, 16<sup>th</sup> and 30<sup>th</sup> June 2024 at different locations including BU NGEF Bio-Park near Gandhi Bhavan, Bengaluru University, Avalalli-Anjanapura Lake, Next to Nandhi Garden Apartment, Shikaripalya Lake, Electronic City and Shankar Mutt,



## B.M.S. COLLEGE OF ENGINEERING, BENGALURU

Autonomous Institute, Affiliated to VTU

### REPORT ON COLLEGE ACTIVITIES – JUNE 2024

Shankarapura, Bengaluru. These events aimed to promote environmental well-being by engaging in activities like planting saplings, watering the plants etc.



Dr. Leena S., Assistant Professor in the department of Management Studies & Research Centre received NIPM Scholastic Achievement Award 2024 from National Institute of Personnel Management(NIPM) for her research contributions in the area of 'Supply chain financing in Indian MSMEs - w.r.t. RBIs initiative on TReDS'. Her research project was funded by the Indian Institute of Banking and Finance, Mumbai and guided by Sri. M. Jayadev, Professor, IIM, Bangalore.



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