



B.M.S. COLLEGE OF ENGINEERING, BENGALURU
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REPORT ON COLLEGE ACTIVITIES – JULY 2023

July 1st, 2023

✚ Dr. Radhika K R, Professor, Dept. of ISE along with the M.Tech student, Ms.Punyashree B., published a paper titled, “Analysis of various machine learning and deep learning approaches for network intrusion detection system”, in International Journal of Scientific Development and Research (IJS DR) Volume 8 Issue 7,ISSN: 2455-2631.

✚ Department of Electronics and Telecommunication Engineering organized a talk on “Programming for the Future” by Sri.Archishman, Associate Member of the Technical Staff, Athena Health.



✚ Ms.G.Shrividhya, Ms.Sukruta N Kashyap, Ms.Srujana K S., alumni of department of Electronics & Telecommunication Engg., under the guidance of

Dr.C.Gururaj, Assistant Professor, ETE published a paper titled, “Brain Tumor Detection Based on Different Deep Neural Networks - A Comparison Study” in Deep Learning for Healthcare Services, Bentham Science Publishers, Singapore, July 2023, Chapter 4, pp 63 – 89.

✚ Sri. M Siva Rama Krishna, Assistant Professor in the department of Computer Applications was invited by IMS Foudation to participate in LUBK international MSME day. Second semester MCA Students, Mr.Rayan Bakshi, Mr.Shreyas C S, Mr.Dhanush S and Mr.A.Shashikiran also participated in the event.



✚ Dr. Radhika K R, Professor, Dept. of ISE along with M.Tech student, Ms. R. Amulya published a paper titled, “Comparison and Analysis of various Machine Learning and Deep Learning Algorithms for Malware



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Detection System” in International Journal of Scientific Development and Research (IJSDR) Volume 8 Issue 7, ISSN: 2455-2631.

- Department of Physical Education & Sports Science organised felicitation ceremony for outgoing Sports Achievers and Valedictory function of Intramural Sports Competitions – 2023. Ms. Sahana, National Level Kho Kho & Basketball Player and Alumna of BMSCE was the Chief Guest.



- Dr. Latha Kumari, Associate Professor, Department of Physics co-authored and published a research paper titled, “Chloramine-T-induced oxidation of Rizatriptan Benzoate: An integral chemical and spectroscopic study of products, mechanisms and kinetics” in Open Chemistry, Q2 Journal, Volume 21, Issue 1, with impact factor 1.216 ISSN 2391-5420 (Online) <https://doi.org/10.1515/chem-2022-0341>

July 2nd, 2023

- The NSS volunteers of the college participated in the 392nd Green Sunday, a plantation drive organised by Adanya Chetana Foundation and Ananth Kumar Pratishtana at the Center of Gandhian Studies, Bangalore University.





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July 3rd, 2023

- Dr. B. Sachin Kumar, Assistant Professor in the Department of Mechanical Engineering participated in the FDP on Vehicle Computer at BOSCH, Adugodi.



- Dr.S.B.Bhanu Prashanth, Professor in Medical Electronics was invited as the Chief Guest for the event, TECHNIKA 2k23: Inter-college level Mini Project Expo, organized by the department of Electronics and Communication Engineering, Akshaya Institute of Technology, Tumakuru.



- Dr.B.Kanmani, Professor in the department of Electronics & Telecommunication Engg., was invited to handle a session on, 'Graduate Attributes and Program Outcomes', in online mode, during the one week Faculty Development program on 'Outcome based Teaching and Learning (OBTL) program' conducted by Sharda University, Greater Noida.

July 5th, 2023

- Dr. Prasanna Kumar M K, Assistant Professor, ETE in association with Dr.R.Kumaraswamy, Faculty, SIT Tumkur published a paper titled, "A hybrid model for unsupervised single channel speech separation", in Multimedia Tools and Applications, Springer
<https://doi.org/10.1007/s11042-023-16108-z>

July 6th, 2023

- Dr. Asha G R., Assistant Professor in the Department of Civil Engineering along with UG students presented a technical paper on "Noninvasive Wearable Device for Monitoring and Assisting Asthma Patients" at IEEE 2023 International Conference on Artificial Intelligence and Applications



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(ICAIA) Alliance Technology Conference (ATCON-1), DOI:
<https://doi.org/10.1109/ICAIA57370.2023.10169176>.

✚ Dr.R.Manjunath & Dr.Darshan C Sekhar, Assistant Professors in the department of Civil Engineering were invited as resource persons for Faculty Development Programme organised at School of Civil Engineering, Reva University.

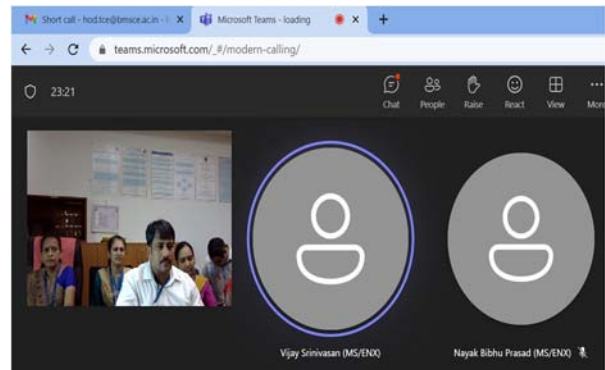
✚ The website for International Conference on Communications and Computer Science (ICCCS-2024) jointly organized by the Department of Computer Applications and the Department of Electronics and Telecommunication Engineering was launched by Dr. Suresh Ramaswamy Reddy, Vice Principal (Academics). The organizing team members of the ICCCS-2024 graced the occasion.

July 7th, 2023

✚ Smt.Saritha A N., Assistant Professor in the department of Computer Science & Engg., along with UG students published a technical paper on “Real Time Driver Drowsiness Detection Hybrid Approach” at

International Research Journal of Engineering and Technology (IRJET), Vol No. 10, Issue:06

✚ Department of Electronics and Telecommunication Engineering organized an online meeting with Robert Bosch for the possible collaboration to carry out projects, technical talks and consultancy work.



✚ Dr. T Rajanna and Sri. Vinay M L Gowda, Assistant Professors in the department of Civil Engineering presented a paper titled, “Effect of Different Hybrid Configurations on the static and vibration Analysis of perforated Composite Laminates” in the G-20–C-20 International Conference on ‘Interdisciplinary Approaches in Civil Engineering for Sustainable Development (IACESD-2023)’ organized by Jyothi



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Institute of Technology in association with Springer Nature and won best paper award.



“Interdisciplinary Approaches in Civil Engineering for Sustainable Development (IACESD-2023)” organised at Jyothy Institute of Technology, Bengaluru during July 07-08, 2023

1. Paper titled, “Comparative Analysis of Machine Learning Models for Earthquake Prediction using Large Textual Datasets”, jointly authored by the students, Mr.Niteesh K R, Ms. Pooja TS and Assistant Professors, Smt.Pushpa T S, Sri. Lakshminarayana P and Sri. Girish K.
2. Paper titled, “Temperature and soil parameter monitoring system”, jointly authored by the students, Ms.Pallavi U Sharma, Mr.Niranjan Raj and Assistant Professors, Smt. Shailaja K P and Smt.Pushpa T S.
3. Paper titled, “Smart Water Management: Using Machine Learning to Analyze Water Quality Index”, jointly authored by students, Mr.Monnappa B K, Mr.Shiva Kumar BM and Assistant Professors, Smt.Pushpa T S and Smt.Shilpa S.

The Vice Principals, Deans & HODs participated in the online meeting convened by VTU. Hon’ble Vice Chancellor, VTU chaired the meeting. Academic & Examination related issues were discussed at large.



Papers co-authored by faculty and students of department of Computer Applications as cited below were presented in the G20 C20 International Conference on

4. Paper titled, “Smart Watering: Revolutionizing Irrigation with AR and IoT”, jointly authored by the students, Mr.Sumanth V & Ms.Manasa G and



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Dr.Ch. Ram Mohan Reddy, HOD & Assistant Professor, Smt.Pushpa T S.

5. Paper titled, “Interior Design App Using Augmented Reality” jointly authored by Mr.Pranav Ram A from Coextrix Technologies Pvt. Ltd., and Mr.P.Harshith Giri from HashedIn by Deloitte, student, Mr.A Praveen Raam, Smt.Pushpa T S, Assistant Professor, MCA, Dr.Arunkumar A S, Professor, Civil Engineering, Smt.Supritha N, Faculty, Dept. of CSE,RNS Institute of Technology.

6. Paper titled, “Enhancing Flood Forecasting Accuracy through Machine Learning Approaches”, jointly authored by students, Mr.Halappanavar Ruta Shivarudrappa , Ms.Nandhini S P and Assistant Professors, Smt.Pushpa T S and Smt.Shailaja K P.



- ✚ Department of Computer Applications organised a talk on “Career Opportunities & Industry Expectations” by Ms. Gauri Gupta, Head of Testing, Oracle, Bangalore for second semester students in the department. Sri.Lakshminarayana P and Sri. M Siva Rama Krishna, Assistant Professors in the department coordinated the event.



July 8th, 2023

- ✚ Dr. Veena N. Hegde, Professor, Department of EIE was invited as a jury member for the technical competition, Techno Management in Technisium -23, organised by Association of Electrical Sciences at Siddaganga Institute of Technology, Tumkur. The event was a part of National Technical Symposium organised by SIT, Tumkur during July 7-8, 2023.



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✚ The Department of EEE organized the project exhibition, ANVESH-2023, showcasing the outcome of the projects carried out as a part of curriculum by the students in the final year.



✚ Dr. Veena N. Hegde, Professor, EIE, along with the students from Department of EIE, Mr. Tejas B S, Mr. V Pavan, Mr. Rohith H and Mr. Pranam presented a paper titled, “Realtime Detection of Humps and Potholes” in the IEEE International Conference on Smart Systems for application in Electrical Science (ICSSSES), 2023 organised at Siddaganga Institute of Technology, Tumkur.

July 9th, 2023

✚ The NSS volunteers of the college participated in the 393rd Green Sunday, a plantation drive held at the Maragondanahalli lake, Electronic City organized by the Adama Chetana Foundation in association with M/s Utopia India Pvt Ltd.



July 10th, 2023

✚ The Department of Electronics and Instrumentation Engineering organised project exhibition, “PRASHAMSA” sponsored by AvisaTech Services. The students’ projects were evaluated by a panel of jury members, Mr. Renukprasad, Business Mentor & Advisor, Senior Member, ISA Bangalore Section and Mr. Raghavendra



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Kulkarni, Director, AvisaTech Services, Bengaluru. Three best projects were awarded cash prize.

- Dr. S Manoharan, Head, Department of Management Studies and Research Centre attended the Advisory Board meeting convened by Acharya Institute of Graduate Studies.



- The Principal issued B S Narayan fellowship orders to six research scholars of the college.



- ELSOC (Electronics society), Department of Electronics & Communication Engineering in association with Department of Mathematics conducted a value added course, 'Electronics-Py' for students of ECE department during July 10-14, 2023.



- Mr. Sharath R, II Semester BE(ISE) student of the college participated in VTU State Level Cross Country Championship (M&W) held at Dr. TTIT, KGF and secured 5th place.



- B.M.S.Academy conducted sessions about preparation for Higher Competitive Exams like UPSC, Banking, Railways and other sectors for 4th semester BE (CSE)



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students during July 10-13, 2023. The event was coordinated by Sri. Vikranth, Assistant Professor in the department of CSE.



required to design and fabricate open wheeled - single-seater formula style race cars and compete in various design, manufacturing and race events. 25 members from Team Bullz Racing BMSCE i.e., students from departments of Mechanical, Aerospace, Electronics and Communication and IEM participated in the competition. The team secured the runner-up award under the Computer Aided Engineering (CAE) category at the competition, winning a prize money of ₹20,000/-, apart from its commendable performance in the other presentations and race events held during July 10-13, 2023.

✚ Dr. Darshan C Sekhar, Assistant Professor in the department of Civil Engineering was invited as resource person for the training program to front line supervisors organised at L&T C-TEA, Mysore during July 10-11, 2023.

✚ Bullz Racing SAE - the automotive club of the college participated in the National Level Formula Student competition - SAEINDIA SUPRA 2023, held at the Buddh International Circuit, Greater Noida. Students from different universities were

The team secured the following results out of 58 teams that took part:

- Runner Up in Computer Aided Engineering stream with a cash prize worth ₹20,000 sponsored by M/s Altair Engineering.
- Overall rank - 9th out of 58
- Engineering Design Presentation - 5th
- Cost Evaluation - 9th
- Business Plan Presentation - 7th



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July 12th, 2023



- Dept. of Computer Applications organised mock group discussion as a part of the placement activity for the benefit of the students. Group discussion was coordinated by the students, Ms.Ananya A Rao, Mr.Rayan Bakshi & Mr.S.Prashant.



- Dr.Prappulla, Assistant Professor in the department of Biotechnology published a research article titled, “Physics-Based Electrochemical Model of Vanadium Redox Flow Battery for Low-Temperature Applications”, Batteries, (Web of Science, Q2, Impact factor 4.00) Publication Date(Web):11thJuly’2023, DOI:<https://doi.org/10.3390/batteries9070374>, Publisher: MDPI .

- VTU Local Inquiry Committee (LIC) visited the college with respect to grant of affiliation to UG & PG Programmes and recognition of Research Centres for the Academic year 2023-24.





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The college Men and Women teams participated in VTU Inter Collegiate Bengaluru Central Division Table Tennis Tournament for (M&W) held at Cambridge IT, Bengaluru and secured Winners and Runners trophy respectively.



July 13th, 2023

Dr. Venkatesh T. Lamani, Assistant Professor in the Department of Mechanical Engineering chaired a session for Thermal Track at 21st International Conference on Advances in Mechanical Engineering (ISME-2023) jointly organized by PES University and IIT-Madras at PES

University, Bengaluru during July 13-15, 2023.



The following papers were presented in 21st International Conference on Advances in Mechanical Engineering (ISME-2023) jointly organized by PES University and IIT-Madras at PES University, Bengaluru during July 13-15, 2023.

❖ Research paper titled, 'Emissivity Study of Hierarchical GFRP-CNT Composites' authored by Dr. Anil Chandra A.R., Assistant Professor, Department of Mechanical Engineering.

❖ Research paper titled, 'CFD Airflow Analysis of a Generic Airblast Atomiser' Co-authored by Dr. Venkatesh T Lamani, Assistant Professor, Department of Mechanical



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Engineering and the M.Tech student,
Mr. Akshaykumar. S. Jambagi



semester PG students of Computer Science and Information Science departments during July 13-14, 2023. Dr.Selva Kumar and Dr. Manjunath D R, Assistant Professors in the department were the resource persons. The event was coordinated by Dr.Gauri Kalnoor, Assistant Professor in the department.

✚ The Department of Electronics and Telecommunication Engineering organised "अवलोकन", exhibition of Technical projects by 4th year UG students.



✚ Dr. Tejaswi Patil, Assistant Professor in the department of Management Studies and Research Centre has successfully defended his Ph.D. thesis at Indian Institute of Technology, Roorkee.



✚ Mrs. Sheeba N, Asst. Professor in the Dept. of Mathematics published research article titled, "Artificial Intelligence's Effects on the Legal Sector: Transforming Legal Practice", in International Journal for Legal Research and Analysis. Volume: II Issue: 7, Page: 20, ISSN: 2582-6433.

✚ The department of Computer Science & Engineering organised two days workshop on "DevOps-Hands on Session" for second

✚ Dr. R V Ranganath, Professor, Dr. Mangala Keshava, Associate Professor and Dr. Srinivasa Murthy A, Assistant Professor in the department of Civil Engineering along with the second semester M.Tech (Construction Technology) students visited



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2-day International Seminar, 10th edition of Concrete Panorama & Deminar 2023 on the topic, "Micro, Small, Medium and Large construction Technologies and Innovations" organised at Prestige Srihari Khoday Centre for Performing Arts, Bangalore by Indian Concrete Institute, Bengaluru Centre during July 13-14,2023.



July 14th, 2023

- Dr. Venkatesh T Lamani, Assistant Professor in the Department of Mechanical Engineering along with UG students presented papers titled, 'Hydrodynamic Characteristics of High-Pressure Homogenizer Using Computational Fluid Dynamics' & "Hydrodynamic Characteristics of Cavitation Reactor for Various RPM Using Computational Fluid Dynamics" in International Conference on Recent Advances in Fluid Mechanics and Nanoelectronics (ICRAFNM-

2023) organized by Manipal Institute of Technology, Bengaluru in association with NIT, Uttarakhand.

- Dr. K P Lakshmi, Professor, Department of Electronics and Communication Engineering chaired a session at the 9th International Conference on Electronics, Computing and Communication Technologies (IEEE-CONECCT-2023), a flagship conference of IEEE Bangalore section organised at Ramaiah Institute of Technology, Bangalore during July 14th – 16th, 2023.



July 15th, 2023

- Graduation Day for batch of 2022 was organised at the college. Dr. S. Mohan, Vice Chancellor, Puducherry Technological University, Puducherry was the Chief Guest. Dr. P. Dayananda Pai presided the Graduation Day Ceremony. Sri. Aviram



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Sharma, Trustee, BMSET and other dignitaries graced the occasion.



Wireless (B5G/6G) Communications- CONECCCT 2023 held at MSRIT, Bangalore.



The college Men & Women teams participated in VTU State Level Table Tennis Championship (M&W) held at KIT, Tiptur during July 15th-16th,2023 and secured Runners & Winners trophy respectively.

Department of Electronics and Telecommunication Engineering in association with BMSCE IEEE SB and Eekigai Institute for AI organized a Webinar on “Rosalind Franklin Distinguished AI+X Project Series” by Dr. Suhas Srihari, Alumnus of ETE, Applied Mathematician, National Oak Ridge Laboratory, USA.



Dr. D N Sujatha, Professor, Department of Computer Applications was invited as session chair during IEEE International Conference on “Electronics, Computing and Communication Technologies”, Track-D: Machine-type Communications over





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✚ Dr. Prema V, Associate Professor, Department of EEE served as track chair and session chair for the track, 'CPS Approach to Power Electronics' for the IEEE conference, CONNECT 2023 organised at Ramaiah Institute of Technology, Bangalore



- * Surface Morphological Study of Multi-walled Carbon Nanotubes subjected to Shock Wave Impact
- * Depolymerization study on Chitosan Biopolymer subjected to Shock Wave Impact



July 16th, 2023

✚ The student volunteers from the NSS Unit of the college in collaboration with IEEE Computer Society participated in the 394th Green Sunday organized by Adanya Chetana Foundation at the Subramanyapura lake.

✚ Dr. Sudarshan B, Assistant Professor, Department of Mechanical Engineering presented the following two conference papers co-authored by him at 34th International Symposium on Shock Waves (ISSW34), Daegu, Korea.

July 17th, 2023

✚ A Memorandum of Understanding was signed between M/s VOLVO Group India Pvt. Ltd. and the college for the 'VOLVO-BMSCE CONNECT', a Collaborative Research Project Venture that aims to pool resources and expertise to cutting-edge-technology research. The online event was coordinated by Dr. Shivashankar R Srivatsa, Assistant Professor, and Dr. G. Giridhar, Professor & Head, Department of Mechanical Engineering.



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✚ The Ph.D. viva voce of Sri. Dheeraj N. Kumar, Assistant Professor in the department of Civil Engineering and a research Scholar under the guidance of Dr.H S Jagadeesh, Professor in the department was conducted. Title of the work: Study on Vehicle Ownership and Mode Choice Behaviour in Presence of Metro for Bangalore City.

✚ Dr. Selva kumar S Assistant Professor, CSE and Sri.H.S.Gururaj, Assistant Professor, ISE were invited as resource persons for the workshop on “Robotic Process Automation” organized by Sai Vidya Institute of Technology, Bengaluru during July 17-21,2023.

July 18th, 2023

✚ Dr. Jyothi S Nayak, Professor and Head, Department of Computer Science & Engineering attended Board of Studies(BOS) meeting convened at the Department of Computer Science and Engineering, NMIT, Bangalore.

✚ As a social responsibility activity, 4th semester students from the Department of Machine Learning, Mr. Pratham G Rao, Mr. Ranjith V and Mr.Samprith S actively

engaged in training the students of National High School, Basavanagudi helping the school students to enhance their knowledge in the field of Artificial Intelligence.



✚ Dr. Suma M N, Professor, Department of Electronics and Communication Engineering received ‘Certificate of Appreciation’ from Samsung PRISM for providing guidance to the students in Samsung PRISM program in worklet ‘Wireless Sensor Networks’ from November 2022-June 2023.

July 19th, 2023

✚ Dept. of Computer Applications organised technical quiz as a part of the placement activity for the benefit of the students. The event was coordinated by the students,



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Ms.Ananya A Rao, Mr.Rayan Bakshi & Mr.S.Prashant.

the students.

- Dr. A Satya Nandini, Professor in the department of Management Studies and Research Centre attended the BOS meeting at NMIT as an expert member for Finance specialization.



July 20th, 2023

- Department of Computer Applications organised an industrial visit to ISKCON-AKSHAYAPATRA for second semester MCA students. Sri. Lakshminarayana P and Sri.M.Siva Rama Krishna, Assistant Professors in the department accompanied

- Departments of Computer Applications & Electronics and Telecommunications Engineering organised “Logo Design Winner Announcement & Logo Launch Event”. 23 students participated and submitted their logo designs in the competition conducted during first week of July. The jury members were industry experts. Mr.Athul I Kumar, IV Semester BE(ISE) student was the winner of the Logo Design Competition. The logo



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was launched by Principal Dr. S.Muralidhara.



Smt.S.Shilpa, Assistant Professor, department of Computer Applications and Dr.Pushpavathi K.P., Assistant Professor, department of ETE along with the students, Mr.Prashanth S , Mr. Shreyas C.S from department of Computer Applications and Ms. Ananya Srinivas and Ms.Hamsapriya J L from department of ETE coordinated the event.



✚ PENTAGRAM, the Mathematical Society of BMSCE organized “NUMERO FIESTA” Theme: Mathematics for Everyone from 20th to 22nd July 2023. Gradient, the AIML Club of the college in collaboration with PENTAGRAM, had organized an exhilarating Game Event called "Casino of Brains" on 20th July 2023 on account of NUMERO FIESTA.



✚ Dr. Shambhavi BR, Associate Professor, department of ISE participated in the BOE meeting of the Data Science cluster at RIT as an external member.

July 21st , 2023

✚ NEXUS, a captivating event organized by BMSCE IEEE WIE in collaboration with IEEE Vemana Institute of technology and IEEE WIE Atria Institute of Technology, aimed to inspire participants about the significance of transitioning to eco-friendly practices and promoting social



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and climate justice. Ms.Anjana Kamath, BMS alumnus(IEM 2017) was interviewed on the occasion of NexUs: Empowering the next Generation. The discussion focused on various aspects of her journey, including career growth, work-life balance, her entrepreneurial ventures. As a prominent figure in her industry, Ms.Anjana Kamath offered her perspectives on women leadership. The event also featured Ms.Akshata Bhadranna, BMS Alumnus(Bio Tech 2011), an esteemed Ecopreneur, zero waste, and minimalism enthusiast, who shared her journey of pivoting from a marketing/sales professional to an impactful ecopreneur, and is currently spearheading GreenMic, a climate action enterprise. Her insightful speech emphasized the interconnectedness of sustainability, social justice, and climate justice.



Department of Physical Education & Sports Science of the college organised VTU Inter

Collegiate Bengaluru Central Division Badminton Tournament for (M&W) organized. The college Men & Women teams participated and secured Runners & Winners trophy respectively.





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✚ Dr. Kavitha Sooda, Associate Professor in the department of CSE was invited as a resource person for the "Hands-on Workshop on Research Methodology, Technical Writing and LaTeX" organized at Dayanandasagar University during July 21st-22nd,2023.

July 22nd, 2023

✚ Sri.A.N.Damodhara, Instructor, Department of Mechanical Engineering participated in 2nd state-level staff badminton tournament organised by Patel Group of Institutions, Kadubisanahalli, Bengaluru and won First prize.



✚ Mr. Feroz Morab, Research Scholar of Department of ETE defended his Ph.D thesis under the guidance of Dr.Veena N. Hegde (Guide) and Dr. Rajeshwari Hegde (Co-Guide) . The title of his thesis is "High Resolution DoA and Fast Convergence

Beam Former for Mobile Communication".



✚ Department of Medical Electronics Engg., organized an Industrial Visit to S-VYASA University's research center, ANVESHANA at Jigani, Bangalore for 4th semester students(UG&PG) in the department



✚ 21st Academic Council Meeting was convened in the college and various



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academic matters were deliberated.



- Department of Physical Education & Sports Science of the college organised VTU State Level Badminton Championship & Selection Trails (M&W) during July 22nd - 23rd, 2023. The college Men team secured Runners trophy.



July 23rd, 2023

- The NSS volunteers of the college participated in the 395th Green Sunday organized by the Adama Chetana Foundation at Vrushabavathinagara, BSK 6th Stage, B'lore.



July 24th, 2023

- Dr. Kaliprasad C.S, Assistant Professor, Dept. of Physics co-authored & published a research paper titled, "Efficient removal of metal ions from aqueous solutions using MoS₂ functionalized chitosan Schiff base incorporated with Fe₃O₄ nanoparticle" in the International Journal of Biological Macromolecules 248 (2023) 125976, Q1 Journal with impact factor 8.025, ISSN 0141-8130 <https://doi.org/10.1016/j.ijbiomac.2023.125976>

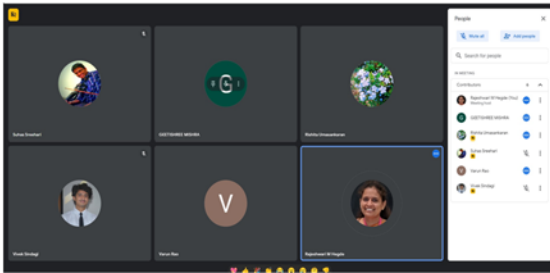


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July 25th, 2023

✚ Department of Electronics and Telecommunication Engineering organized an online meeting with Dr.Suhas Srihari, Alumnus of ETE, Applied Mathematician, National Oak Ridge Laboratory, USA to discuss the implementation of Rosalind Franklin AI+X Project series at BMSCE in collaboration with BMSCE IEEE student branch



✚ Dr. Venkatesh T Lamani, Assistant Professor, Department of Mechanical Engineering attended BOE meeting as an External member at Department of Mechanical Engineering, BMS Institute of Technology and Management, Bengaluru.



✚ As part of BMSCE-VOLVO-CONNECT, the collaborative research venture between BMSCE and Volvo, Kick-off meeting of stakeholders of the first Research Project was initiated by Department of Mechanical Engineering. BMSCE team consisting of faculty members, Dr.Shivashankar R. Srivatsa (SPOC), Dr.J.Sharanabasavaraja, Dr. Raghu Yogaraju, Dr. G. Giridhara, HOD and Dr.H.K. Rangavittal & Dr. V. Arun Kumar attended the meeting to finalize the time-plan for the research project.





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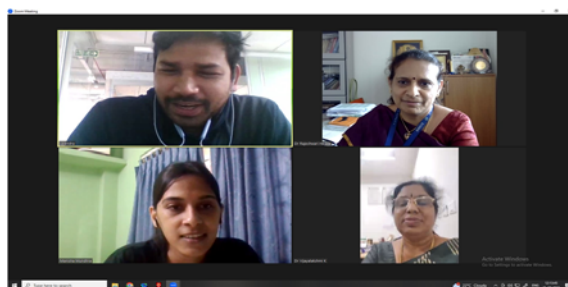
✚ Dr. Manjunatha S.O, Assistant Professor, Department of Physics co-authored & published a research paper titled ,“Role of holmium on the humidity sensing properties of the CoCr_2O_4 ceramics for possible applications in humidity sensors” in J Mater Sci: Mater Electron (2023) 34:1583, Impact factor - **2.8 (2022)**, Electronic ISSN 1573-482X, Print ISSN 0957-4522
<https://doi.org/10.1007/s10854-023-10995-6>

July 26th, 2023

✚ Department of ISE organised a visit to Hanumanthnagar Police station, Bengaluru for 4th semester students in the department towards creating civic awareness and traffic rules awareness among the students. Dr.Sowmya K S and Dr.Nalina V, Assistant Professors in the department coordinated the event.



✚ The Department of Electronics and Telecommunication Engineering organized an online meeting with Terrablue XT experts to discuss about possible internships for students and research projects for faculty and students.



✚ Dr. A Satya Nandini, Professor in the department of Management Studies & Research Centre was invited as one of the resource persons for the orientation program of MBA students of PSGIM, Coimbatore. She discussed her case on GoDesi in the program.





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✚ Dr.K.Vijayakumar, Associate professor in the department of Computer applications was invited to DAB meeting of Dept of MCA, BIT to suggest in the matters related to Internship, TLP, Upskilling, Industry linkages, Placements, etc.

✚ Placement Club, Department of Computer Applications conducted a session on mock interview. During this event, each and every student was given a chance to be an interviewer and interviewee. The students had prepared a set of both technical and non technical interview questions and multiple interviews were conducted at the same time in different locations across the department.



✚ Mr. Deeraj R, student of 6th semester BE in the department of Machine Learning achieved a significant milestone by being chosen as a student ambassador for Microsoft Learn, outshining numerous candidates worldwide. As a Microsoft Learn Student Ambassador, he

now serves as a dynamic liaison between the tech giant and students globally.



✚ National Cadet Corps, FSFS/2/C Coy, BMSCE celebrated the 'Kargil Vijay Diwas' to remember India's war victory and to pay tribute to the Kargil's martyr who were the symbol of courage and sacrifice for safeguarding the borders of our country. Sri.Karthik Krishna Raikar was the Chief Guest. The event was followed by an Art Competition and Candle Light march .





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July 27th, 2023

- Department of ISE organised a visit to Swacha Gruha kalika kendra, Bengaluru for 4th semester students in the department to create awareness among the students about solid waste management. The event was coordinated by Dr.Sowmya KS and Dr.Anitha HM, Assistant Professors in the department.



- 8th Semester BE students of department of Chemical Engineering, Mr.Vishnu tej Gunisat, Mr.Vasu Vijay Singh & Ms.Saumya Kumar under the guidance of Dr. Samita Maitra, Professor in the department published the following research papers in the International Journal of Emerging Technologies and Innovative Research.
 - “Simulation Based Temperature Dependent Performance Study of Solid Oxide

Fuel Cell”
<http://doi.one/10.1729/Journal.34930>

b) “Synthesis of Calcium oxide @ Magnesium oxide Nanocatalyst for Transesterification of Waste Cooking Oil”
<http://doi.one/10.1729/Journal.34771>

July 28th, 2023

- Department of Civil Engineering in association with JSW Cement Limited organized a talk on the topic, "Sustainable Green Materials in Construction" by Dr L R Manjunath, Vice President, JSW Cement Ltd., and Sri. Vishwanath K Dalawai, Senior Manager JSW Cement Ltd., in the college.

July 29th, 2023

- Dr. Karthik Kumara, Assistant Professor, Department of Physics co-authored & published a research paper titled, “Jahn-Teller distortion in SP-like [Cu(bipy)(triamine)] 2BF₄ complexes with novel N-H ... F/C-H ... F synthon: XRD/HSA-interactions, Physicochemical, electrochemical, DFT, docking and COX/LOX inhibition” in Journal of Molecular Liquids, Impact factor -6, Q1 journal, Volume 387, 1 October 2023, Pg Nos 122689
<https://doi.org/10.1016/j.molliq.2023.122689>



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✚ Dr. Veena N. Hegde, Professor from the Department of Electronics & Instrumentation Engg., and Smt. Roopa S, Assistant Professor, SIT, Tumkur along with co-authors, Mr. Pranav M, Ms. Rachana S Raju presented a paper titled, “Deep Learning and Sensor fusion technique for Indigenous Intelligent Vision system for Theft Detection” in the prestigious IEEE Conference, World Conference on Applied Intelligence and Computing (AIC 2023).

✚ Department of Electronics and Telecommunication Engineering in association with IEEE BMSCE student chapter organized a Screening Test for the students of the college to evaluate the basic technical, aptitude, python and comprehensive skills of students to carry out The Rosalind Franklin Distinguished AI+X Project Series.

July 30th, 2023

✚ Dr. Hari Prasad Uppara, Assistant Professor in the Department of chemical engineering published an article titled “Insights of MOF-derived bimetallic PVP/Ce-Ru nanocomposites for diesel soot oxidation” in

Inorganic Chemistry Communications (web of science), Volume 155, 111126.

<https://doi.org/10.1016/j.inoche.2023.111126s>.

✚ The NSS volunteers of the college participated in the 396th Green Sunday organized by the Adama Chetana Foundation at the Bangalore University campus. The student volunteers took part in de-weeding the area following which they planted and watered the saplings.



July 31st, 2023

✚ Department of EIE organised an orientation program on “Projects and Internship Opportunity” for II and III year students of the college willing to be members of the professional body, International Society of Automation (ISA). The industry experts,



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Sri.Ramchandra V. Kerur, Director Sunlux Innovations, Bengaluru, Sri. Anand Iyer, Head , ACARD Division , ISA addressed the students about the internship opportunities and EIE students displayed the projects implemented at the department.

- ✚ The department of Medical Electronics Engineering organized a visit to "Sandhyadeepa Vrudhashrama", Bengaluru for 4th semester students in the department. The students interacted with the old people residing in the ashrama and performed few cultural programs.



- ✚ An invention titled, "A flexible Coupling Apparatus" by the faculty members of department of Mechanical Engineering, Dr.L.Ravikumar, Dr.G. Saravanakumar,

Dr.Raghu Yogaraju, Sri. G. P. Ravishankar, Sri.Gurushankara Karle Chandregowda and Dr. V. Arunkumar was granted patent.

- ✚ The following employees who retired from service at BMSCE on 31.07.2023 on attaining the age of superannuation were felicitated.

*Smt. T.Renuka, Associate Professor,
Department of Physics

*Dr.Shivarama Reddy, PED

