



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

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### REPORT ON COLLEGE ACTIVITIES – NOVEMBER 2024

#### November 1<sup>st</sup>, 2024

- ✚ BMSCE in collaboration with BMS College of Architecture & BMS College of Law organised Kannada Rajyotsava celebration in the premises. The flag hoisting was followed by cultural program. Various activities for staff and students were organised during the month on the occasion of Kannada Rajyotsava celebration. The faculty, staff and students enthusiastically participated in the events.

#### November 2<sup>nd</sup>, 2024

- ✚ Smt.Saritha A N., Assistant Professor and Dr. Asha G R, Associate Professor in the department of Computer Science & Engineering along with UG students in the department published a paper titled, 'Literature Review on Object Detection and Tracking for Autonomous Vehicles' in Gradiva Review Journal (Scopus Q4).

#### November 4<sup>th</sup>, 2024

- ✚ Ph.D. viva-voce of Research Scholar, Mrs.D M Suman under the guidance of Dr. Sureka Naagesh, Professor & Head, Department of Civil Engineering was conducted on the topic, 'Experimental Investigation on use of Copper Slag & Steel Slag for Rural Roads'.

- ✚ Pre-user acceptance testing was conducted in 5G Use Case Lab. Sri.Sandeep, Executive,TCIL and DOT, Sri.Pradeep Jana, Product Manager, Signaltron, Sri.Prakash Rao, Sr. Director, software, Signaltron graced the event organized by the Department of Electronics and Instrumentation Engineering.

- ✚ Dr.B Kanmani, Professor in the department of Electronics & Telecommunication Engineering was invited to handle the first day of the one week FDP on, 'Enhancing the Teaching and Learning Process using ICT Tools', organized by PES College of Engineering, Mandya.



- ✚ The Department of CSE in association with BMSCE IEEE computer society conducted a 5 days Faculty development program on 'Immersive Realities : Understanding AR/ VR' during Nov.4<sup>th</sup> – 8<sup>th</sup>,2024. The resource persons, Sri.Shashank Lokesh, CPO, Seminar Room Education Pvt. Ltd., Bengaluru and St.Mayur B Patil, Principal and CTO Pybots LLC conducted the sessions.



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Faculty gained understanding of augmented and virtual reality technology including its core principles, tools and current trends. Hands-on experience was provided to develop practical skills by creating simple AR/VR applications.



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

- Dr. Murugendrappa M V, Associate Professor & Dr. Sharanappa Chapi, Assistant Professor, Department of Physics co-authored and published a research paper titled, 'Tragacanth Gum/Trimethyl Chitosan-Derived Polyelectrolyte Complex as Potential Carriers in Drug Delivery Applications' in Polymers for Advanced Technologies 35(11) (2024) e6632 (Q2 Journal).  
Online ISSN:1099-1581, Print ISSN:1042-7147, DOI: <https://doi.org/10.1002/pat.6632> [IF-3.1].

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

- Dr. Poornima G, Associate Professor, Department of Electronics and Communication Engineering was invited as a Mentor for the Mentorship Rural Program to the underprivileged students (from low income backgrounds) organised by Freedom Employability Academy, Kalyanpur, Prayagraj North, Uttar Pradesh. Mentoring was conducted through online mode.



- Dr. Prema V, Associate Professor, Department of EEE chaired a session at the international conference, 'TEECCON-2024' organised at REVA University, Bengaluru.
- The department of Mechanical Engineering organised a talk on 'Social Responsibility' by Sri. Ashok Shridhar Warnekar, working for the betterment of SADANIS of Assam through a charitable foundation. The talk provided an insight



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on the difficult conditions of certain communities in north-east region of India and the efforts of their organization in uplifting the community. The role of Engineers in uplifting the weaker sections of the society was discussed in detail.



- ✚ Dr. Jyothi S Nayak, Professor & HOD-CSE along with PG student, Mr.Sreevatsa D S presented a paper titled, 'Machine Learning based Classification and Recognition of Melakarta Ragas using Melakarta Chakra Analysis' in the 8<sup>th</sup> IEEE International Conference on Computational Systems & Information Technology for Sustainable Solutions (CSITSS) organized at RVCE, Bengaluru during November 7<sup>th</sup>- 9<sup>th</sup>, 2024.

#### November 8<sup>th</sup>, 2024

- ✚ Dr. Rangarajan B, Assistant Professor in the Department of Chemistry co-authored & published an article titled, 'Unravelling the structure-luminescence relationship in two dimensional

antimony(III)-doped cadmium(II) halide hybrids' in the Journal of Materials Chemistry C, published by the Royal Society of Chemistry with impact factor 5.7.

<https://doi.org/10.1039/D4TC03543G>  
Online ISSN: 2050-7534

- ✚ Dr.Gnanendra P M, Assistant Professor in the department of Aerospace Engineering presented technical paper titled, 'Influence of primary and secondary air in a cocurrent bottom-lit biomass gasifier' in the first International Conference on IC Engines, Propulsion & Combustion 1.0 organised at Graphic Era Hill University, Dehradun during Nov.8<sup>th</sup> -11<sup>th</sup>, 2024.

- ✚ Dr. R. Ashok Kumar, Professor and HOD, Computer Science & Business Systems participated as Technical Program Committee Member and Reviewer in 6<sup>th</sup> International Conference-Communications & Intelligent Systems (ICICIS-2024) organized by Maulana Azad National Institute of Technology (MANIT) Bhopal.

- ✚ Dr. Poornima G, Associate Professor, Department of Electronics and Communication Engineering was invited as a Reviewer and also a Session Chair for the 8<sup>th</sup> International Conference on Computational Systems and Information Technology for Sustainable Solutions



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organised by RV College of Engineering in association with Florida International University, Fachhochschule Dortmund, Germany, technically co-sponsored by IEEE Bangalore Section, India conducted during November 7<sup>th</sup> -9<sup>th</sup>, 2024.

- The Department of CSE organized a counselling talk on Higher Education in association with IDP, an International Education Specialist for the 5<sup>th</sup> semester students. The talk was intended to motivate students to take up higher education at prestigious institutions.



#### November 9<sup>th</sup>, 2024

- Dr.Prema V, Associate Professor, Department of EEE published a paper titled, 'Li-ion Battery State of Charge estimation and cell balancing using Extended Kalman Filter' during 8<sup>th</sup> IEEE International Conference on Computational Systems & Information Technology for Sustainable Solutions (CSITSS) organised at RV College of Engineering, Bengaluru during November 7<sup>th</sup> -9<sup>th</sup>, 2024.

- The seventh semester students of department of Biotechnology attended Hands-on workshop on 'nutraceutical and protein analysis by using plate reader and protein analyser' organised at ATAL incubation center, Jyothy Institute of Technology, Bengaluru.



- Dr.Rajeshwari Hegde, Professor, Department of Electronics and Telecommunication Engineering was invited as a session chair for the IEEE International Conference on Computational Systems and Information Technology for Sustainable Solutions organised at RVCE, Bengaluru.

- Dr.Rajeshwari Hegde, Professor, Department of Electronics and Telecommunication Engineering presented two poster papers titled, 'Quantum Physics Perspective of Consciousness: Heartfulness Practice as a means to experience this Union' and 'Impact of Heartfulness Practice on Brain, Mind and Consciousness' in the conference on Machine, Mind and



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Consciousness organised at IISC, Bengaluru.



November 10<sup>th</sup>, 2024

✚ Pentagram - The Mathematical Society of the college hosted an orientation program, presenting a sophisticated yet welcoming event for both current and prospective members of the mathematical community. The gathering aimed to illuminate the club's mission and aspirations while cultivating camaraderie among Mathematics enthusiasts through a series of meticulously curated activities. The core members took centre stage to convey the club's vision and elaborate on forthcoming initiatives.



✚ Mr.Thanmay Monnappa M.S., third Semester student in the department of Mechanical Engineering participated in the 3<sup>rd</sup> State Level I.S.K.A Karate Championship organised at Jnanaganga International School, Chennenahalli, Magadi Road, Bengaluru and secured First place in Male under 20 years Category.

✚ Mr. Kaustuba R and Ms. Pratheeksha P.K, fifth Semester students of Mechanical Engineering secured First and Second position respectively in Altair Simulation Challenge organized by Department of Mechanical Engineering using Altair Inspire. Contest Coordinator was Dr.Chidanand K.M., Assistant Professor, Department of Mechanical Engineering.

✚ Smt.Saritha A N, Assistant Professor in the department of CSE along with UG students published a paper titled, 'A Comprehensive Survey on Pose Estimation Algorithms utilizing Augmented Reality' in Gradiva Review Journal (Scopus Q4).

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

✚ Dr.Sharanappa Chapi, Assistant Professor, Department of Physics



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published a research paper titled, 'Design of cellulose nanocrystal-integrated poly(vinyl alcohol)/polyethylene glycol electrospun nanofiber scaffolds for biomedical applications' in Journal of Applied Polymer Science (2024) e56463 (Q2 Journal).

Online ISSN:1099-1581, Print ISSN:1042-7147, DOI: <https://doi.org/10.1002/pat.6632>

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

- Dr. B Kanmani, Professor, Department of Electronics & Telecommunication Engineering was invited as the guest speaker during the inaugural workshop on, 'Outcome Based Education', for the Core Committee members organized by the Tamil Nadu State Council for Higher Education.



- The department of Civil Engineering in collaboration with ICI, Bengaluru Centre & IGBC, a pioneering organization in the arena of Green Building Movement in the

country, established by Confederation of Indian Industry (CII) hosted 'IGBC Green Education Conclave 2024' at the college. Dr. S Vidyashankar, Vice-Chancellor, VTU, Dr. Ram Prasath Manohar, I.A.S, Chairman, BWSSB and other dignitaries graced the occasion. Students from various institutions participated in the program.



- The department of Medical Electronics organised an industrial visit to BPL Medical Technologies, Jigani, Bengaluru for fifth semester students in the department with an aim of bridging the gap between theoretical knowledge and practical application, providing valuable insights into real-world manufacturing environment. The BPL factory visit was an enlightening experience to the students, showcasing the company's dedication to quality, innovation and



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sustainability.



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

✚ Dr.Sreenivasa Murthy A, Dr. Asha K, Sri.K.Arjun & Smt.Deepa T, Assistant Professors in the department of Civil Engineering attended IGBC Conclave 2024 exhibition and technical sessions organised at BIAC, Peenya during Nov.14<sup>th</sup> -15<sup>th</sup>, 2024.

✚ Dr. B Kanmani, Professor, Department of ETE along with Ms. S. A. Rajala and Ms.D. Iacona from ABET, USA;.Ms.M. I. Ruiz-Cantisani and Ms.V. Lara-Prieto from School of Engineering and Sciences, Mexico; published Chapter 3, 'Establishing and Maintaining Operational Systems and Processes that meet International Quality Standards', in Book, 'Academic Leadership in Engineering Education', with Editors Sri.Kandakatla, R., Mrs.Kulkarni, S., Mr.Auer, M.E.; as part of Lecture Notes in Networks and Systems, LNNS, volume 1097, Springer Cham; pg 41-59. [https://link.springer.com/chapter/10.1007/978-3-031-68282-7\\_3](https://link.springer.com/chapter/10.1007/978-3-031-68282-7_3)

✚ Dr. B Kanmani, Professor, Department of ETE along with Sri.Prakash Tewar, KLE Hubballi; Mr.David Knight, Virginia Tech. USA and Ms.Marlene Kanga, Former President World Federation of Engineering Organizations published Chapter 6, 'Transformation to Outcomes Based Education', in Book, 'Academic Leadership in Engineering Education', with Editors Sri.Kandakatla, R., Mrs.Kulkarni, S., Mr.Auer, M.E.; as part of Lecture Notes in Networks and Systems, LNNS, volume 1097, Springer Cham; pg 103-122.

[https://link.springer.com/chapter/10.1007/978-3-031-68282-7\\_6](https://link.springer.com/chapter/10.1007/978-3-031-68282-7_6)

✚ The Department of CSE organized an invited talk on 'Academic programs at the Department of Computer Science & Automation, IISc'. Dr.Raghavan K.V., Associate Professor & Dr.Shishir N Y Kolathaya, Assistant Professor, Department of Computer Science & Automation, IISc were the resource persons. Around 60 students attended the talk.





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✚ Dr. S. Srinivas, Professor, Department of Mechanical Engineering along with faculty from other institutions co-authored and published an article on 'Effect of Al<sub>2</sub>O<sub>3</sub> and ZrO<sub>2</sub> nanoparticles on microstructure and mechanical properties of Mg-AZ91 hybrid nanocomposites' in ELSEVIER, Materials Today Communications 41 (2024) 110988.

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

✚ Dr. G. N. Rameshaiah, Professor in the Department of Chemical Engineering was invited to Chair a session at the Fifth International Conference on Recent Advances in Engineering Sciences (ICRAES 2024) organized by M S Ramaiah Institute of Technology, Bengaluru during Nov. 14<sup>th</sup> -15<sup>th</sup>, 2024.

✚ The following students of Department of Machine Learning won medals in VTU State Level Wrestling & Judo Championship 2024–2025 which was organised at Global Academy of Technology, Bengaluru on 15<sup>th</sup> & 16<sup>th</sup> November, 2024.

- Mr. Saifi Ali, fifth semester student won Silver medal in Wrestling and Bronze medal in Judo.
- Mr. Mohammed Rayyan Faizan, fifth semester student won Bronze medal in Judo.

➤ Ms.Aadhra Prema, from first semester won Bronze medal in Wrestling.



✚ Department of Electrical and Electronics Engineering in association with EEEA organised a talk on 'A Few Lessons from a Professional Carrier' for students by Sri.Kiran Mirle, Quality Leader, Philip India Limited.







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- Dr. Prema V, Associate Professor, Department of EEE delivered a technical session and hands-on training during a workshop on 'Applications of Intelligent Controllers in Electrical Engineering using MATLAB / SIMULINK' at Oxford College of Engineering, Bengaluru.



hands-on exercises on the said area.



November 16<sup>th</sup>, 2024

- The department of Medical Electronics organised two-day hands-on workshop on 'freeRTOS for Embedded System Design' by Sri.Darshan Hegde, Design Engineer at Advanced Micro Devices (AMD). The resource person briefed about freeRTOS fundamentals and its usage for embedded system design using STM32 board, Fundamentals of RTOS, creation of tasks, inter process communication handling semaphores in RTOS. Under the guidance of the resource person, the students performed

- The department of Biotechnology organized an industrial visit to GKVK campus in Bengaluru during the annual Krishi Mela, a prominent agricultural fair jointly organized by the Government of Karnataka & GKVK. The fifth semester students in the department accompanied by faculty members visited GKVK campus.





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✚ Dr.Saisha Vinjamuri, Associate Professor in the department of Bio-technology along with research scholar, Ms.Renu Pai filed a Patent application titled, 'A Pharmaceutical Composition for Inhibiting Smoothed Protein (Smo) in Hedgehog Signaling Pathway and Method Thereof' which is published.

Q2, ISSN 0361-5235 (print) 1543-186X (Electronic)

DOI: <https://doi.org/10.1007/s11664-024-11582-z>

✚ Dr.D.N.Sujatha, Professor in the Department of Computer Applications was invited as Chief Guest for the upcoming preconference ICDDS hackathons HackEEE'24 and Silicon Rush 2.0 conducted by EEE Department and IEEE CS PES University, Bangalore in association with IEEE Computer Society Bangalore chapter.

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

✚ Dr. Prabhu Swamy N.R., Associate Professor, Dr. Venkatesh T Lamani & Dr.Sangamesh C Godi, Assistant Professors in the department of Mechanical Engineering attended a FDP on 'Futuristic Technology on H2 engines, Fuel Cell Electric Vehicles and Powertrain Experience center walkthrough' conducted by Bosch Global Software Technologies (BGSW) at Bosch Global Software Technologies, Adugodi, Bengaluru during Nov.19<sup>th</sup> -20<sup>th</sup>, 2024.



✚ Dr. Manjunatha S.O, Assistant Professor, Department of Physics co-authored and published a research paper titled, 'Study of Crystal Structure, Morphology, Magnetic and Electronic Structure of ZnFe<sub>2</sub>O<sub>4</sub>/CoCr<sub>2</sub>O<sub>4</sub> Nanocomposites', Journal of Electronic Materials (2024) (In Press) with impact factor 2.2, SJR:





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✚ Dr.Suma M N, Professor and Dr.Geetishree Mishra, Associate Professor, Department of Electronics and Communication Engineering published book chapter titled, 'Dental Shade Matching using Machine Learning Models' in the book, Internet of Things Enabled Machine Learning for Biomedical Applications.

✚ The Department of Computer Science Engineering organized an industrial visit for fifth semester students to Honeywell Technology Solutions Pvt. Ltd, Sarjapur, Bengaluru .



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

✚ Department of Civil Engineering conducted faculty Colloquium- Lecture #7 on 'Emerging Technologies for Elimination of Emerging Contaminants' by Dr.S.V. Manjunath, Assistant Professor in the department.

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

✚ Dr. Chethana KY, Assistant Professor, Department of Aerospace Engineering along with the students, Ms.Apeksha, Ms.Akshara, Ms.Harshali, Ms.Tanushree, Mr.Veveka and Mr.Pramodh attended Grace Hopper Celebration India (GHCI) 2024 conference organised at Bengaluru International Exhibition Centre (BIEC), Bengaluru during Nov.21<sup>st</sup>-22<sup>nd</sup>, 2024. The 2024 edition focused on key themes such as artificial intelligence, sustainable technologies, robotics, cybersecurity and diversity in engineering and technology. The faculty and students witnessed the cutting-edge advancements in technology, opportunities for networking with industry leaders and inspiration from women achievers in STEM fields.



✚ Department of Mechanical Engineering organised Guest Lecture on 'Overseas



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education scenario in India' for the benefit of seventh semester students. The resource person was from Unischolar. The speaker illustrated the need for higher education in specialized domain with emphasis on global universities.



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

Dr.Gnanendra, Assistant Professor in the department of Aerospace Engineering delivered a guest lecture on the topic, 'Waste to Energy Conversion', organized by PES University, Bengaluru.

The department of Medical Electronics organised an expert talk on 'Development of wearable sensors for AI and IoT' by Dr. Debeshi Dutta, Scientist, CMTI, Bengaluru.



Department of CSE (Data Science) organized a workshop on resume writing and interview skills by Sri.Sarang Pani, CEO, Innovact Pvt. Ltd. With a deep understanding of current industry dynamics, the speaker brought valuable insights to guide students in their career preparation.



Dr. G. Saravanakumar, Professor, Department of Mechanical Engineering attended ENRICH: UD Trucks India & Academia Connect.

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

Department of ECE organized community service at Government Girls School, Heggadadevanakote, Mysore District. Bags and stationaries were distributed to the students studying in the school. Dr.Siddappaji, Professor & HOD, Faculty members & staff of ECE department attended the community service program.





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- ✚ 'Singularity', Astronomy club, Department of Physics in collaboration with Bangalore Astronomical Society (BAS) organized astronomy workshop on the topic, 'Experiences in astronomy and space science'.



November 25<sup>th</sup>, 2024

- ✚ The volunteers from NSS, ISRC, LEO and Rotaract club of the college were successful in making around 20,000 paper bags for distributing among the hawkers at Kadalekayi Parishe and also volunteered in creating public awareness about usage of cloth & paper bags. The Hon'ble Deputy Chief Minister of Karnataka, Sri.D.K.Shivakumar awarded a certificate of appreciation to the college team for contributing towards making Kadalekayi Parishe

plastic free and litter free.



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

- ✚ Dr. Rajanikanth K N, Associate Professor, Department of Electronics and Communication Engineering along with the students, Mr. Nishchay D, Mr. Paras Vanajole co-authored and presented the paper titled, 'C-SADDLES: A Cyber Physical System enabled Self Adaptable Drone Landing Pad for rapid Battery Charging of Small Unmanned Aerial Systems' in first IEEE International Conference on Software, Systems and Information Technology (SSITCON-2024), organized at Sri Siddhartha Institute of Technology, Tumkur in collaboration with IEEE Bangalore Section and won Best paper Award.



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Delegates from Volvo Group Pvt. Ltd., Gothenburg, Sweden and Bangalore, visited the department of Mechanical Engineering of the college to assess its facilities and explore potential avenues for collaboration in the field of flexible materials. During the visit, possible partnerships in this cutting-edge field were discussed.



Dr. Kavitha Sooda, Professor in the department of CSE was one of the jury members at the National Council of Science Museums (NCSM) under the Ministry of Culture, Government of India, which successfully hosted the National Science Seminar (NSS) 2024 at the Nehru Science Centre, Mumbai. This annual flagship event brought together 32 outstanding students from across India, representing various States and Union Territories, to delve into the thought-provoking theme, 'Artificial Intelligence: Potentials & Concerns'.

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

Department of Electronics and Telecommunication Engineering organised a lecture on 'Sustainable Telecommunication Networks' by Dr. Sharath Kumar, Executive, Reliance Jio as part of the seventh semester course titled, 'Sustainable Telecom Networks'.



The department of Mechanical Engineering organised a guest lecture on 'Career mentoring and profile building for top universities across the world' by Sri. Shambu Pattar, Manager, Jayanagar Centre for Business Development for Manya The Princeton Review. The fifth semester students in the department attended the program. Dr. Chidanand Mangrulkar, Assistant Professor in the



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department coordinated the event.



- Dr. Karthik Kumara, Assistant Professor, Department of Physics was invited to give a special talk on 'Future and Opportunities in Basic Sciences' at Government First Grade college, Sidlaghatta, Chikkaballapur district.



- Department of Mechanical Engineering nominated a group of senior undergraduate and master students, research scholars to undergo one-day workshop on additive manufacturing at Arcot Ramachandran (AR) auditorium, Department of Mechanical Engineering, IISc., Bengaluru. The workshop gave overview of the AM processes, its applications and advancements. The event had eminent speakers from India and abroad sharing their knowledge and experiences in this rapidly evolving field.



- Dr.S.Pratibha, Assistant Professor, Department of Physics published a book chapter titled, 'Optical biosensors' in fundamentals of biosensors in healthcare book with Elsevier Publication.  
<https://doi.org/10.1016/B978-0-443-21658-9.00020-6>, ISBN: 978-0-443-21658-9

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

- The final year students of department of Aerospace Engineering, Ms.Akshara, Ms.Khushi Shah, Ms.Sushmitha, Research Scholar, IISc under the guidance of Dr.D.Saravanan, Assistant Professor and Dr.Rammohan Y S., HOD-Aerospace Engineering presented a paper in Kannada language on the topic,



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'Numerical investigation of flow over Tandem Airfoils' in the National Kannada Science Conference 2024 on Science and Technologies in Aerospace, Defense and Societal Applications organized by Kannada Samskrithika Sangha (KSS), CSIR-NAL.



- ✚ Dr. Gnanendra, Assistant Professor in the department of Aerospace Engineering presented technical paper in Kannada language titled, "Sustainable bioenergy for future applications" in the national Kannada Science Conference 2024 on Science and Technologies in Aerospace, Defense, and Societal Applications organized by Kannada Samskrithika Sangha (KSS), CSIR-NAL.

- ✚ Department of Civil Engineering organised an expert lecture on 'Drone Surveying in Engineering Enhancing Accuracy and efficiency in infrastructure Projects' by Mrs.Sucharitha R, Lead-

Geospatial solutions, Skylark Drones.



- ✚ Dr.Prema V., Associate Professor, Department of EEE published a paper titled, 'Performance comparison for speed control of BLDC motor for different switching devices' in the international conference ICSPE organised at O.P Jindal University, Raigarh.
- ✚ Dr. S. Srinivas, Professor, Department of Mechanical Engineering chaired a technical session in National Kannada Science Conference -2024 organised by Kannada Samskruthika Sangha, CSIR-NAL, Bengaluru.







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✚ Dr. Rajeshwari Hegde, Professor & Head, Department of Electronics and Telecommunication Engineering received a certificate of Appreciation for her contribution as a reviewer for the 5<sup>th</sup> IEEE Women in Technology Conference.

✚ Cervical cancer remains one of the most significant health concerns for women globally. To combat the stigma and misinformation surrounding this condition, BMSCE ISRC, in collaboration with BMSCE IEEE WIE, Women's Cell, and the Department of Medical Electronics organized 'CerviCare', an awareness talk on cervical cancer by expert speaker, Dr. Seema Rani M V. The event aimed to emphasize the importance of early detection, prevention and treatment while fostering community awareness about women's health.



✚ The college Men team were the winners in Throwball event conducted during the 'Kreedotsav' 24- State Level Inter-

Collegiate Sports Fest organised at the college during November 24-28, 2024.



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

✚ Department of Civil Engineering organised an expert talk on 'Introduction to Machine Learning for Civil Engineers' by Dr. T Palaniswamy, Associate Professor, Department of Civil Engineering, NITK, Surathkal for the benefit of fifth & seventh semester students in the department.



✚ BMSCE in collaboration with BMS College of Architecture & BMS College of Law organised KANNADOTSAVA. Dr.N.Someshwara, renowned Quiz Master, Television presenter and a writer was the Chief Guest for the



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function. Highly informative talk by the Chief Guest and vibrant student performances made the event colorful.



Geopolymer Binders and Masonry Block Using Red mud with Mineral Admixtures' under the guidance of Dr.S.Muralidhara, former Professor in the department of Civil Engineering & former Principal of the college was conducted.

November 30<sup>th</sup>, 2024

Department of CSE (Data Science) organized workshop on Apache Spark for fifth semester students. Sri.Yashwanth Kumar, Data Engineering Manager at Accenture as the resource person trained the participants with the core concepts of Spark, including its architecture, components and API functionalities.



Dr. Maligi Anantha Sunil, Assistant Professor, Department of Electronics and Communication Engineering published a research paper titled, 'Optimization of CTS Thin Film Solar Cell: A Numerical Investigation Based on USP Deposited Thin Films' in Science Direct, Q2 Journal. <https://www.sciencedirect.com/science/article/abs/pii/S0921452624010925>.

Dr. Prema V, Associate Professor, Department of EEE was invited as Chief Guest for the IEEE PELS & IES Student Congress 2024 & IES Day at Cambridge Institute of Technology, Bengaluru.



Ph.D. viva voce of Research Scholar, Mrs.Sowmyashree T on the topic, 'Experimental Investigation on

Parents-Teachers meeting was organized by the department of



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Electronics and Instrumentation Engineering. Parents/guardians of the students attended the meeting and interacted with the faculty members. Dr.Santosh R. Desai, Professor and HOD briefed about the recent achievements and progress of the department.



✚ Smt.Soniya Agrawal, Assistant Professor, Department of Electrical & Electronics Engineering gave a technical talk on 'Power Electronics Converter for Electric Vehicle' in the IEEE PELS & IES Student Congress 2024 & IES Day Celebration organised at Cambridge Institute of Technology, Bengaluru.



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