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Autonomous Institute, Affiliated to VTU

REPORT ON COLLEGE ACTIVITIES – MARCH 2025

March 1st, 2025

- ✚ ELSOC from department of Electronics and Communication Engineering of the college under MS Shell organised a 'Skills4Future' program for the 2nd and 3rd year students in the department during 24th Feb.2025 to 1st March 2025. The session focused on practical learning in Python programming, Data analysis and AI development. Sri.Sanjay from Edunet was the resource person. Dr. Archana H R, Assistant Professor in the department coordinated the event.



- ✚ Mr.Piyush Kumar, eighth semester student in the Department of Chemical Engineering presented a paper titled, 'Synthesis of Dust Suppressants using Lignin from industrial waste' at the first National conference on Climate Resilience and Environmentally sustainable Technologies (NITK-CREST 2025) organised at NITK, Surathkal during 27th February to 1st March,2025. The Co-authors were Dr. Sreelakshmi

Diddi, Associate Professor, Chemical Engineering and Ms.Mayura Shetty, Ms.Khushi Singh and Mr.P Mohammed Rafi, eighth semester students in the department of Chemical Engineering.

- ✚ The department of Computer Applications in collaboration with Vipra Software Pvt. Ltd., successfully organized two-day hackathon for First Semester MCA students on the theme, 'Smart Hotel Management System'. The event provided an excellent platform to showcase their technical skills, innovative ideas and teamwork. Jury members were from Vipra Software Pvt.Ltd. The winners were felicitated. Smt.S.Shilpa & Smt.K.P.Shailaja, Assistant Professors in the department coordinated the event.



- ✚ Dr.Rudra Naik, Professor, Department of Mechanical Engineering chaired a session in the first National Conference on Climate Resilience and Environmentally Sustainable Technologies (NITK-CREST 2025) organised at National Institute of



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Technology Karnataka, Surathkal, Mangalore during 27th February to 1st March 2025.

March 2nd, 2025

- Bengaluru Hub MF community came together to bid farewell to our outgoing Senior Melton Fellows (SFs 2023) and to welcome new Melton Fellows.



- Dr. Santosh R. Desai, Professor, Dept. of Electronics and Instrumentation Engineering was invited to deliver a lecture titled, 'Sneak View into the Role of Electronics to Support SDG3' at a Faculty Development Programme on 'UN-Sustainable Development Goal 3: Good Health and Well-being for All' organised at CREST, Bangalore during March 1st to 6th, 2025.



March 3rd, 2025

- Dr. Feroz Morab, Assistant Professor, Department of Electronics and Communication Engineering was invited as resource person to deliver a talk on 'Electromagnetic Insights: Balancing Exposure and Screen Time Use' at CREST Research Center, Bangalore.



- Department of Electronics and Telecommunication Engineering organized a talk on 'Game development 101 and Being a junior developer in the world of AI' by Sri.Vinay Rao, Alumnus, Co-founder and CTO, PagalFan.





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✚ Dr. Rajeshwari Hegde, Professor, Department of ETE was invited to deliver a talk on 'Electromagnetic Insights: Balancing Exposure and Screen Time Use' during the faculty Development Programme on 'UN-Sustainable Development Goal 3: Good Health and Well-being for all', organized by Heartful Campus in collaboration with AICTE at CREST, Bangalore.



✚ The department of Civil Engineering organised hands-on training on 'Building Information Modelling' by industry expert, Sri. Anil Ghate for eighth semester students in the department during March 3rd-8th, 2025. Sri. Chiranth Bore, Assistant Professor in the department co-ordinated the event.

✚ Dr. Shivashankar R Srivatsa, Assistant Professor, Department of Mechanical Engineering participated in the UGC sponsored Capacity Building Programme on 'Indian Knowledge Systems' at University of Mysore, Mysuru during March 3rd – 8th, 2025.

March 4th, 2025

✚ Department of CSE (Data Science) organized an insightful Tech bootcamp, 'MATLAB Mastery' for students. The workshop featured Dr. Nisha Sastry, Research Scientist as the speaker and over 50 students of third year were benefitted by the event.



✚ Mr. Chethan Kamathalli, a sixth semester student of department of Information Science & Engg., participated in the AIU South Zone Inter-University Handball Championship held at Periyar University, Salem, during February 28th to March 4th, 2025 as a member of VTU Handball men's team





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March 5th, 2025

- ✚ Dr. Darshan C.S., Assistant Professor in the department of Civil Engineering was invited as resource person for a technical session at L&T, C-TEA (Corporate Technology & Engineering Training Academy), Mysore.

March 6th, 2025

- ✚ Dr. Reshmi Devi, Associate Professor, Dept. of Civil Engineering attended Faculty Development Programme titled, 'The Resilient Educator Adapting to challenges in educating New Age Engineers' organised by Vision Karnataka Foundation at Bengaluru during March 6th-7th, 2025.
- ✚ Dr. Chetan A Nayak, Professor & HOD, Chemical Engineering participated in Faculty Development Program on 'The Resilient Educator: Adapting to challenges in educating New Age Engineers' organized by Vision Karnataka Foundation, Bengaluru during March 6th - 7th, 2025.



- ✚ Dr. G. S. Ananthnag, Assistant Professor in the Department of Chemistry co-authored and published a journal article titled, 'Degradation-induced novel polyMOF-membrane anomaly for absolute dye remediation' in Journal of Membrane Science, a web of science indexed Q1 journal published by Elsevier.

DOI: <https://doi.org/10.1016/j.memsci.2025.123941>.

- ✚ The Placement Club of the department of Computer Applications organized activities featuring an aptitude test, sessions on 'GitHub' and 'strategies for securing job opportunities'. The aptitude test provided students with an opportunity to showcase their problem-solving abilities, logical thinking and analytical skills.



Session on GitHub introduced the students to Git and its functionalities, learning how to use Git for version control and push code to GitHub.



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Session on Career Opportunities focused on essential career-building strategies, emphasizing skill development, networking, confidence and adaptability.



March 7th, 2025

- The Department of Computer Science and Business Systems (CSBS) in association with Heartful campus organized a workshop on the topic, 'Power of attention' by Ms. Madhu Jagadeesh, visiting Peace Faculty, MIT World Peace University.



- Department of Electronics and Communication Engineering organised Extension Lecture Series-1 on 'Engineering Inside Movies' for the benefit of faculty members and students of the college. Sri. Vivek Reddy, Co-founder and CEO, Viga Entertainment Technology was invited as the resource person. Dr. Suma M N, Professor, Dept., of ECE coordinated the event.



- Department of Electronics and Instrumentation Engineering organised a technical talk on 'Latest trends in Industrial and Process Automation' by Sri.Venugopal R., Founder, Veenjay Automation Pvt. Ltd., under expert lecture series for sixth semester students. Dr.Santosh R Desai, Professor in the department coordinated the event .





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Department of Electronics and Instrumentation Engineering organised technical talk on 'An overview of practical approach towards sensor based measurement' by Sri.Pradeep M C, Service engineer,Unitach scales and Measurements Pvt. Ltd., Bengaluru under expert lecture series for fourth semester students. Dr. Mamatha M N., Professor in the department coordinated the event.



Department of Electronics and Telecommunication Engineering organized a workshop on 'The Power of Thoughts', by Ms.Madhu, visiting faculty, MIT World Peace University, Pune for the fourth semester students in the department.



Dr. Ugrasen G., Assistant Professor in the department of Mechanical Engineering co-authored and published a Book Chapter No.30 in Wiley online library. <https://doi.org/10.1002/9781394301744.ch30>

March 9th, 2025

Dr. Y. K. Suneetha, Professor in the Department of Chemical Engineering and founder director of start-up, Stoicheiodis Scientia Private Limited has successfully incubated at Bangalore Bioinnovation Centre (BCC) as one of the first cohort winners of "WEscalate Program 2024-25", and the most inspiring Women-Led Start-ups of 2024-25.



March 10th, 2025

Dr.S.B. Bhanu Prashanth, Professor in Medical Electronics and Dean (first year BE)was invited to deliver a keynote address in the FDP on 'Emerging Trends



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in Quantum Computing and AI for Academia and Research' organised at DSCE, Bangalore.



March 11th, 2025

- Dr. Karthik Kumara, Assistant Professor, Department of Physics co-authored and published a research paper titled, 'Crystal structure, supramolecular features and antimicrobial properties of binary crystals of gallic acid and three isomers of hydroxypyridine' in the International Q2 Journal, Journal of Molecular Structure published in Springer Publications, Volume 1336, 11 March 2025, 142028

<https://doi.org/10.1016/j.molstruc.2025.142028>

- Dr. Ravishankar T N., & Dr. Ravi Shankar P N., Assistant Professors in the Department of Chemistry attended five days Faculty Development Programme (FDP) on 'Innovations in material science & Engineering for Promoting Sustainability -2025' organised at Don Bosco Institute of Technology, Bangalore during March 10th -14th, 2025.

- The department of Computer Science and Business Systems organised a technical seminar on the topic, 'The Ever-Evolving World of AI' by Mr. Vinay Rao, Co-founder, Pagal Sports India Pvt.Ltd., for the fourth semester students in the department.



- Dr. D.N. Sujatha, Professor in the Department of Computer Applications was invited to SJBIT to present a talk on IEEE benefits and opportunities.



March 12th, 2025

- Dr. Chethana K Y, Assistant Professor, Aerospace Engineering, Dr. Sanjay Kumar, Assistant Professor, Chemical



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Engineering, Dr.Madhuri P Rao, Dr.Ravishankar T N., and Dr.Ravi Shankar P N., Assistant Professors in the Department of Chemistry attended the two-day International seminar on "Indian Knowledge Systems" organized by Dept. of Sanskrit and Dept. of Hindi, BMS College for Women during March 12th - 13th, 2025.

Arts, Science, and Commerce and secured second place.



- Mr.Rakshak H. M and Mr.Parineeth Gowda, first semester MCA students secured second place in the event, 'Code Arcade' and Mr.Manvith, Mr.Harish, Ms.Geetha Reddy and Ms.Nanditha Das, first semester MCA students secured second place in 'Glitch in 60 Seconds' in ADVAYA-25, an intercollegiate tech showdown organised at RV Institute of Technology and Management (RVITM), Bangalore during March 11-12, 2025.



- Extensive Survey camp was organised by the Department of Civil Engineering at Melukote for sixth semester students during March 12th -18th, 2025.

March 13th, 2025

- Mr.Yashwanth C. H and Mr.Shreenivas G., first semester MCA students showcased their entrepreneurial skills at the Shark Tank event during the MCA Fest organized by Dayanand Sagar College of

- The final presentations for the project works carried out by students of University of Washington, Seattle under different NGOs for the Event, 'Grand Challenges Impact Lab 2025', was conducted at the college. The presentations were evaluated by the faculty members and the associated NGO at BMSCE. This program is in collaboration with the University of Washington, Seattle. Dr. Samita Maitra, Professor, Department of Chemical Engineering, BMSCE is the institutional Coordinator from BMSCE and Prof. Julian Marshall – Professor, University of Washington, Seattle is the institutional Coordinator from University of Washington, Seattle. Dr. Chetan Nayak, Professor and Head, Department of



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Chemical Engineering, BMSCE, Dr. Shivakumar R - Associate Professor, Department of Chemical Engineering, BMSCE, and Dr. Chethana R. - Assistant Professor, Department of Civil Engineering, BMSCE are the other program coordinators who are instrumental in completing the program from 3rd January 2025 to 13th March 2025.



pitching, a crucial skill for entrepreneurs, start-up founders and innovators.



✚ Centre of Innovation, Incubation & Entrepreneurship(CIIE) and Institution Innovation Cell(IIC) in collaboration with the Melton Foundation organized a workshop on 'The Keys of an Impact Pitch'. The session was conducted by Mr. Victor Valenzuela Milla, Global Citizenship Hub Coordinator at the Melton Foundation, who is an expert in Industrial Engineering, AI, entrepreneurship, start-up acceleration, and digital transformation. The workshop aimed to teach participants how to structure and deliver high-impact

✚ Round table discussion on 'Celebrating women: Breaking barriers and Building Future' was organised by the department of MBA for the benefit of the students. The Round Table speakers were Ms. R. Rooparani, Creative Director, Design Theme Innoventics and Chartered Accountant Ms. Kavitha Paramesh, Senior Partner, TSMT. They shared their experiences and gave insights to the students on the importance and challenges of women



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entrepreneurs. The session was moderated by Dr. A. Satya Nandini, Professor in the department.



✚ Dassault Systemes La Foundation sponsored three days workshop on 'Use of thermal imaging IR camera in structural engineering applications' was organised in the college on three consecutive afternoons during March 13th – 15th, 2025. The PG students and Research scholars of the college participated in the event.

On the afternoon of 13th March 2025, lecture was delivered by Mr. Mahesh S., VTU Research Scholar at the college on 'IR Thermography in Structural Life Assessment'. The lecture was followed by workshop demonstrating the use of IR thermography in evaluating the structural health of various structural materials. The demonstration showcased the significance of thermal imaging in early prediction of failures of the test specimens. Hands-on training was provided at BSN Center for

Structural Integrity Studies (BSNCSIS), R&D Dept., of the college.



✚ The Placement Club of the department of Computer Applications conducted interactive session on Kahoot quiz, problem-solving sessions on averages and age-based word problems and a LinkedIn profile creation. The activity helped students in developing numerical proficiency, essential skills for roles requiring analytical thinking and logical reasoning.



✚ Workshop on 'HVAC System' was organized by the department of Mechanical Engineering. Sri. Rajendra Sagar from Bosch Building Technologies Division was the resource person for the topic, 'Introduction to Heat Pumps'.



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Sri.Nanda Kumar, Consultant, HVAC & President, ASHRAE, Hosur sub-capter was the resource person for the topic, 'HVAC Air Handling Unit'.

The importance of the Heat pump technology, case study on its installation outcomes, different air handling units and related technological advancements, automation, industrial requirements, complexities in the HVAC system and the different technical solutions were discussed by the speakers. Around 50 students from both ASHRAE chapter members and mechanical department attended the program. Dr. Giridhara G, Dr.Y.S.Ram Mohan, Professors, department of Mechanical Engineering graced the event. Dr. Kapilan N, President, ASHRAE Bangalore chapter and Dr. Sudarshan B, Assistant Professor, Mechanical Engg., & BMSCE chapter advisor coordinated the workshop.



March 14th, 2025

✚ Dr. B Kanmani, Professor, department of Electronics & Telecommunication Engg., was invited to conduct one day workshop for faculty on, 'Outcome Based Education', organized jointly by the Tamil Nadu State Council for Higher Education (TANSCH) and the Directorate of Technical Education (DoTE) at the Anna University Campus, Chennai, Tamil Nadu.



✚ Department of Electronics and Communication Engineering organised Industrial visit to ISRO for sixth semester students in the department. The visit aimed to provide insights into space research, satellite technology and the operational aspects of ISRO's facilities. Mrs. Priyadarshini Jainapur and Mrs.Poornima Kamath, Assistant Professors in the department coordinated the event.





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Four faculty members from Dept. of EIE, Dr. Veena .N. Hegde, Dr. Santosh R Desai, Ms. Kumuda S and Mr. Kumar D accompanied by fifteen students attended i-ACT 25 event organized at REVA University during 14th -15th, March 2025. The event provided a wide variety of technical challenges and interactive sessions to develop the practical skills of young engineers, with an environment that promoted creativity and analytical abilities. Ms.Kruthika K & Ms.Ashwini Nayak of the third year secured first prize & Mr.Shreevathsa, a second-year student, won second prize in the competition. Ms.Ashwini Nayak and Ms.Parvati edged the second prize in the Project Presentation round.



Professor, Department of Mechanical Engineering as a part of Dassault Systemes La Foundation sponsored three days workshop on 'Use of thermal imaging IR camera in structural engineering applications'. The lecture was followed by hands-on training to understand fatigue studies and damage assessment using IR camera.



March 15th, 2025

A lecture on Basis of thermal imaging in structural engineering applications highlighting the importance of IR thermography as a powerful diagnostic tool in structural life assessment and engineering safety was delivered by Dr.Sangamesh C. Godi, Assistant

Bengaluru Hub, in collaboration with the Association of People with Disability (APD) and the NSS unit of the College conducted a campus accessibility audit. The event began with an awareness session with 'Learn Empathy Not Sympathy' (LENS) Module conducted



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by Mr.Yeashoo Vardhana, Lead Fellow of the Melton Foundation. The module aimed to create awareness of the challenges faced by persons with disabilities and encouraging an inclusive, empathetic approach. The event served as a platform to promote awareness and encourage collective action towards building barrier-free environments.



Department of CSE (Data Science) organized an FDP to provide an in-depth understanding of MATLAB and its applications in research and academics. A total of 37 faculty members and research scholars attended the one-day training program.



PENTAGRAM, the Mathematical Society of the college organized the event, 'Spin the Pi Wheel' as a part of the Pi Day celebrations. This exciting event was designed to test participants' mathematical aptitude, logical reasoning and puzzle-solving skills through multiple engaging rounds. The event witnessed enthusiastic participation with a total of 51 participants present on the day of the competition. The event consisted of 3 rounds viz., Round 1: prelims and lights up puzzle, Round 2: Wikirace and Round 3: spin the pi wheel (roulette challenge).

Mr.Harsha N Koundinya, a third-year student from the department of Information Science and Engineering emerged as the winner followed by the runner-up, Mr.Sathwik B C, a third-year student, from department of Information Science and Engineering.



Dr. Chandrashekara G & Sri.Hemanth Kumar C, Assistant Professors in the Dept. of Mathematics co-authored and published the research paper titled,



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'Stability Analysis of the mixed Convective flow of Jeffrey Nanofluid through a porous medium' in the Journal Ther Eng, Vol. 11, No. 2, pp. 448-463, March, 2025 Published by Yildiz Technical University Press, Istanbul, Turkey.

✚ Dr.Umesha V., Assistant Professor, Department of Mathematics published a Book titled, 'Discrete Mathematics and its Applications' Infinite Research (Registered under MSME, Govt of India) ISBN no: 978-93-48897-10-7, March 2025

✚ Dr. Dhananjai H N, Assistant Professor, Dept. of Mathematics & Humanities published a Book Chapter titled, 'ಅಧುನಿಕ ಬದುಕಿನ ಮುನ್ನಡೆ ಸರ್ವಜ್ಞನ ತ್ರಿಪದಿಗಳು' in the Book, 'ಉದ್ದಿಪ್ಪಲಿಂಗಕ್ಕುಣಬದಿಸಿ' and a Book Chapter titled, 'ಅಧುನಿಕತೆ ಮತ್ತು ಸರ್ವಜ್ಞನ ವಚನಗಳು' in the Book, 'ಸರ್ವಜ್ಞನ ವಚನಗಳಲ್ಲಿ ಜೈನ ಧರ್ಮದ ಸಾರ' Published by Likhith Prakashana .

✚ Dr.B Kanmani, Professor in the department of Electronics & Telecommunication Engg., was invited to conduct one day workshop for faculty on 'Outcome Based Education' organized jointly by the Tamil Nadu State Council

for Higher Education (TANSCHE) and the Directorate of Technical Education (DoTE) at the Anna University Campus, Chennai, Tamil Nadu.



✚ Dr. Sathyapal Hegde, Director, Eagle Electricals, Bengaluru gave insight on IR thermography in Structural Life Assessment in workshop on 'Use of thermal imaging IR camera in structural engineering applications' sponsored by Dassault Systemes La Foundation organised by the department of Mechanical Engineering. The interaction delved on how IR thermography could be a game-changer in structural health monitoring, offering a non-contact, efficient and cost-effective method for assessing health of a structure. The workshop reinforced the growing significance of thermal imaging in predictive maintenance, failure analysis and sustainable engineering practices.





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March 16th, 2025

The Melton Foundation, in collaboration with Rotaract Club of Bengaluru Nava Chaitanya, conducted an online session on Technology as a Life Skill. Rtr. Pavitra Kumar, founder & CEO of Byte-Pixel, led the discussion, highlighting the role of technology beyond careers and its growing importance in everyday life. Rtr. Pavithra stressed the importance of digital literacy, explaining that while most people use technology, few understand how it works. She emphasized that learning the basics of applications, cybersecurity and digital tools is crucial today. She also spoke about adaptability, warning that those who fail to keep up with technological advancements risk falling behind.



Telecommunication Engineering was deputed for the Physical Evaluation of the DCIS project, Department of Telecommunication (DoT), Govt. of India, at Quanfluence Private Limited.



The second phase of orientation program for second semester Engineering students were conducted across the departments.

The students were sensitized about the new curriculum and regulations, examination patterns etc., and activities enhancing their behavioural skills and yoga were conducted.



March 17th, 2025

Dr. Rajeshwari Hegde, Professor, Department of Electronics and



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was titled, “Tower of logic”. The third sub-round was titled “The Bloody Rank”. The final round was titled “Teleportation Tiles”. A total of 31 teams registered for the event, mainly comprising first & second year students with 11 teams showing up. Team Vesuvius (Ms.Kirti Kumari and Ms.Garima Kedia) emerged as the winners followed by the runners up team, Team Toblerone (Ms.Sahithya Arjunan & Ms.D.N. Jaishree).



✚ Pentagram - The Mathematical Society of the college in collaboration with BMSCE IEEE WIE conducted the event, ‘Beyond HERIZONS’ as part of WIE WEEK. The event was divided into three rounds. The first sub-round “Cryptic Clue Quest” involved concepts related to History, Science, Technology, Peace, Music, Sports, Politics, Civil Service, Literature, Acting, Business. The second sub-round

✚ Dr. Sudarshan B., Assistant Professor, Department of Mechanical Engineering attended one day workshop on 'Sustainability in Aerospace' at Indian Institute of Science. There were six technical sessions and four speakers were from abroad. Speakers highlighted new areas of research needed to bring sustainability in the aerospace domain with thorough case studies and deliberations.



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- ✚ Dr. Pratibha S., Assistant Professor, Department of Physics co-authored & published a research paper titled, 'Cost--Effective Synthesis of Eu^{3+} -Activated BaZrO_3 for Optoelectronic and Dosimetry Applications' in the International Q2 Journal, Journal of Electronic Materials published in Springer Publications with impact factor 2.2. Online ISSN: 1543-186X <https://doi.org/10.1007/s11664-025-11859-x>

March 18th, 2025

- ✚ Dr. Karthik Kumara, Assistant Professor in the department of Physics attended 7-Day online Hands-on-Training on the theme, Density Functional Theory Modelling of Molecules using Gaussian (DFT-G) conducted by Centre for Advanced Computational Research, New Delhi during March 18th - 24th, 2025.

March 19th, 2025

- ✚ Department of Electronics and Communication Engineering organised an expert lecture on the topic, 'Role of Artificial Intelligence for Material Science Research' by Dr. Baishali Garai, Program Director, RV University, Bangalore. Dr. Maligi Anantha Sunil, Assistant Professor in the department

coordinated the event.



- ✚ Dr. B Kanmani, Professor, department of Electronics & Telecommunication Engg., was invited to conduct online Workshop for faculty on, 'Addressing POs through Curriculum', organized by the Human Resource Development Centre (HRDC) of VelTech University, Chennai, Tamil Nadu.

March 20th, 2025

- ✚ Dr. G. S. Ananthnag, faculty, Department of Chemistry published (as a corresponding author) a journal article titled, 'Structure–property relationship of an organic crystal (E)-3-(4-(dimethylamino)phenyl)-1-(4-(methylthio)phenyl)prop-2-en-1-one through linear, nonlinear optical, molecular docking, and DFT investigations for optoelectronic applications' in Journal of Materials Science: Materials in Electronics, a web of science indexed Q2 journal published by Springer Nature. DOI: 10.1007/s10854-025-14556-x.



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- Dr.Ravikumar M, Assistant Professor, Department of Mechanical Engineering co-authored and published a research article titled, 'Estimating and parametrically improving the microstructure, hardness, and wear resistance of SiC-CeO₂ hybrid composites' in the journal of 'Results in Engineering' which comes under Q1-WoS with Impact Factor of 6.

March 21st, 2025

- Dr.S.B. Bhanu Prashanth, Professor in Medical Electronics and Dean(First Year BE) was invited as an external auditor for an academic audit of the department of Telecommunication Engineering at BMSIT, Bangalore.



- Department of Electronics and Instrumentation Engineering organised a seminar on 'PLACEMENT READINESS' by Sri. Prajwal Uppoor, Software Engineer 3, Walmart Global Tech, Bengaluru for the benefit of sixth semester students in the department. The talk created awareness about the required technical skills, soft skills,

industry preparedness and also apprised about core domain companies, resume building and mock interview preparedness, Internship opportunities, road map for the upcoming placement and technical skill and Industry exposure.



- Dr.Maligi Anantha Sunil and Dr.Surendra H H, Assistant Professors in the department of Electronics and Communication Engineering served as 'Reviewers' for International Conference on Smart Systems for Application in Electrical Sciences-2025 organised at SIT, Tumakuru during March 21st -22nd, 2025.





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✚ The Department of Electronics & Instrumentation Engineering organized an insightful lecture on Higher Education and Career Opportunities Abroad for the sixth semester students. The session was delivered by Mr. Subhankar Dhar, an expert in guiding students for international education. The primary focus of the lecture was on how to prepare for competitive exams like GRE and TOEFL and to explore various higher education and career opportunities available in foreign countries.



March 22nd, 2025

✚ Mr. Shaun Len Dsouza, fourth semester student of Chemical Engineering presented a paper titled, 'A Review on Nano-Bubble Technology for Wastewater Purification' in the 2nd international conference on sustainable water organized by KPR Institute of Engineering and Technology, Coimbatore, during March 21st-22nd, 2025. The paper was co-authored by

Dr.G. N. Rameshaiah, Professor in the Department of Chemical Engineering, Mr.Aboobaker Ansaf, Ms.R Amirtha and Ms.Smeethal Santhosh, fourth semester students in the department of Chemical Engineering.

✚ Dr. R. Suresh Kumar, Assistant Professor, Department of Mechanical Engineering & Head, CEHSC of the college attended Federation University-iSTEP Educators meet.

✚ Dr. Rajeshwari Hegde, Professor, Department of Electronics and Telecommunication Engineering organized a meeting with Dr. Rahul Shrestha, Associate Professor, IIT, Mandi to discuss a collaborative Project on Spectrum Sensing.

✚ Dr. Punith Kumar V, Assistant Professor, Department of Physics co-authored and published a research paper titled, 'Dielectric relaxor dynamics and electrical transport properties' in the International Q2 Journal, Springer-Verlag GmbH Germany, part of Springer Nature 2025 with impact factor 2.4. Online Electronic ISSN 1862-0760, Print ISSN 0947-7047 <https://doi.org/10.1007/s11581-025-06234-z>



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March 23rd, 2025

✚ The following student teams won FinTech Hackathon organized by Reserve Bank Innovation Hub during March 23rd-24th, 2025 in continuation to the bootcamp organized by them on 16th January 2025 at the college. Apart from the certificate and pre- incubation facility at RBIH, each team will be provided with Seed grant.

- Team-3Brainiacs consisting of Mr.Lalit S, Mr.Achyutha Chandra & Mr. Nirgun SN
- Team - Altrelic consisting of Ms.S Sanjana Aryanraj Singh, Mr.Sandeep N and Ms.KG Siri,

March 24th, 2025

✚ Department of Chemical Engineering organised session on 'Product Showcasing' by Mr.Aashish Nagaraj (an alumnus), Mr.Vilas and Mr.Puneeth from Zysk Technologies. The session featured a detailed product showcase of TestMySkills.AI, a platform developed by Zysk to assess and self-enhance skills. The speakers explained its functionality, real-world applications and how it helps individuals evaluate their expertise in various domains and make themselves employable. Dr.Sreelakshmi Diddi, Associate Professor in the department Co-ordinated the event.

✚ Department of Civil Engineering in association with La Fondation Dassault Systèmes organised one day Technical Symposium on 'WATER SUSTAINABILITY: MANAGEMENT & CONSERVATION' on the occasion of World Water Day-2025.

Dr. Ram Prasath Manohar V, IAS Chairman, BWSSB, Bengaluru was the Chief Guest.

Dr. J. Harsha, IES Director, Central Water Commission, Bengaluru, Sri. Rajesh Amminabhavi, Managing Director, KNNL, Bengaluru and Sri. Madan Mohan C, KAS, Chief Administrative Officer & Secretary BWSSB, Bengaluru were the Guests of Honour. Smt. Renuka Srinivasan, Sales Director, Dassault Systèmes, India presided over the function.

March 25th, 2025

✚ Dr. Rajeshwari Hegde, Professor, Department of Electronics and Telecommunication Engineering co-authored and published a paper titled, '2D CNN – Transformer Parallel Network for Speech Emotion Recognition' in the Journal of Xidian University, volume 19 – Issue 3 – March 25 (Scopus Indexed).

✚ Dr. Geetha Kuntoji, Assistant Professor in the department of Civil Engineering visited the Universities in France as a part of MOU signed with WRL Lab, department of Civil Engg., of the college



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for further collaboration funded by La Fondation and Dassault System, France.



Photography in 24th VTU Youth Festival Interact 2025 organised at Global Academy of Technology.



March 26th, 2025

- Department of Civil Engineering organised a Guest lecture on the topic, 'Application of Geoinformatics in Environmental Engineering' by Sri. Venugopal T. V., Founder & CEO and Mrs. Shwetha Hiremath, Geospatial Consultant and Trainer from Bharatha Bhoomi organization for the benefit of faculty members and students(UG & PG).



- Mr.Krupanidhi M S, sixth semester student in the department of EIE, received gold medal in on-spot

- Dr.Kalyan Raj, Professor & Dr.S.Malini, Assistant Professor, Department of Chemistry published a research paper titled, 'Synerism in isoconazole-loaded nano bismuthoxide formulation:explorationof structural characterization, enhanced antimicrobial performance and kinetcs' in the Journal chemical papers, Springer,<https://doi.org/10.1007/s11696-025-03998-6>.

- Research Collaboration Agreement was executed between Space Pulse Techno Solutions Pvt. Ltd. (SPTS) and the Department of Mechanical Engineering of the college. Dr.Bheemsha Arya, Principal, Dr.H.M. Shivaprasad, Head of the Department, Sri. Krishna Gopal, Director, SPTS, Sri.Raghavendra Rao M, Engineer, SPTS, Sri.Navnath S Chikhole, Engineer, SPTS, Dr.B.Sudarshan, Assistant Professor,



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Mechanical Engineering & Principal Investigator and Dr.D.Santhosh, Assistant Professor, Mechanical Engineering & Co-Principal Investigator graced the occasion.



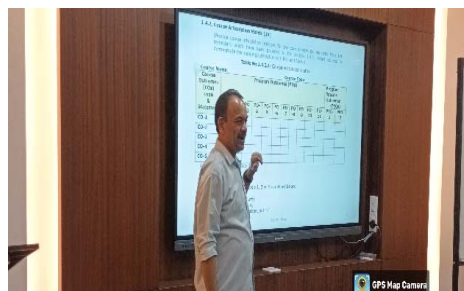
- Dr. Vandana M, Assistant Professor, Department of Physics published two Book Chapters titled, 'Carbon Nanodots: Application in Drug Delivery and Bioimaging' and 'Functionalized Nanomaterials in Nanobiomedicines and Diagnostic Devices' in Springer Nature Book.

March 27th, 2025

- Mrs. Shabnam Siddiqui, Assistant Professor and Dr.Y K Suneetha, Professor, Department of Chemical Engineering co-authored & published a research paper titled, 'Rheological behaviour and printability optimization of geopolymers ink for direct ink writing' in the Q1 Journal, 'Applied Clay Science' with Impact factor 5.3. <https://doi.org/10.1016/j.clay.2025.107791>

March 28th, 2025

- Dr.S.B. Bhanu Prashanth, Professor in Medical Electronics and Dean(first year BE) was invited as a Resource person for the 1st day of the 2-day workshop on 'Outcome Based Education & NBA Accreditation' organised at RVITM, Bangalore for the faculty.



- Dr.C. Gururaj, Associate Professor in the department of Electronics and Telecommunication was invited as an expert to audit the NBA compliance report preparation of the department of Electronics and Telecommunication, Dayanand Sagar College of Engineering, Bengaluru.





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Mr. Rohith Kashyap MA, Mr. Rohit G Gadag, Mr. Selva Kumar M and Mr. Shanthan K Murthy, students from Department of Electronics and Communication Engineering were the only team from Karnataka to qualify for the finals and secured the 3rd prize in the 'e-Yantra national-level Robotics Competition (eYRC)' for the theme, 'EcoMender Bot' organized at IIT Bombay under the e-Yantra project, sponsored by the Ministry of Education, Government of India during March 28th-29th, 2025. 528 teams from various institutions participated in the competition focused on fostering innovation in hardware-software co-design, challenging teams to develop efficient and sustainable solutions using FPGA technology. Sri. Girish K., Assistant Professor, Department of Computer Applications and Sri. Harish V. Mekali, Department of Electronics and Communication Engineering were the mentors.



BMSCE Team has secured 3rd place in the International e-yantra Robotics

Competition 2025 out of 528 teams.



Propel lab-1
ROBOTICS AND EMBEDDED SYSTEM LAB 6th floor PG Block

March 29th, 2025

Dr. Sudarshan B, Assistant Professor, Department of Mechanical Engineering attended three days workshop on 'Particle -based Flow Diagnostics: From field measurements to 3D Holographic Imaging' conducted by Prof. Jiarong Hong, University of Minnesota. Workshop was organized as a part of NPTEL master class series in



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the online mode on 15th, 22nd & 29th
March 2025.

March 31st, 2025

✚ Mrs. Sujatha K, Associate Professor and Dr. Kiran Bailey, Assistant Professor, Department of Electronics and Communication Engineering have been granted 'Patent' for the title, 'System and Method for Managing Waste' for the term of 20 years.

✚ Dr.Suhas B.G., Dr. Anil Chandra A.R., Sri.Kiran Kumar K.U., Assistant Professors in the department of Mechanical Engineering along with Dr.Prema V., Associate Professor, Department of EEE published a paper titled, 'Effect of Boundary Layer Trips on Low Velocity Wind Turbine blades: A Computational Study' (2025), SSRG-IJME, 12 (3), 28-35 in the SSRG-IJME journal which is Scopus indexed.

✚ Dr.Sharanappa Chapi, Assistant Professor, Department of Physics published a research paper titled, 'Stimuli-responsive delivery systems using carbohydrate polymers: A review' in International Journal of Biological Macromolecules, (2025) 142648, Impact factor-7.7, Q1 Journal, Print ISSN: 0141-8130, Online ISSN: 1879-0003.

<https://doi.org/10.1016/j.ijbiomac.2025.142648>