



B.M.S. COLLEGE OF ENGINEERING, BENGALURU

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REPORT ON COLLEGE ACTIVITIES – FEBRUARY 2024

February 1st, 2024

- Dr.R.Jayagowri, Associate Professor, Department of Electronics and Communication Engineering co-authored 2nd edition of book titled, 'STATIC TIMING ANALYSIS FOR VLSI CIRCUITS' published by MEDTECH, A division of Scientific International Pvt. Ltd., New Delhi with ISBN :978-81-965445-6-0.



- Department of Electronics and Telecommunication Engineering organized a talk by Mrs. Jyoti Ganapati, Director, Accenture on the title, 'Effective Negotiation with Emotional Intelligence' for the 5th semester students. Mrs. Jyoti Ganapati contributed the honorarium amount towards 'Forests by Heartfulness' and hence, 16 trees will be planted on behalf of BMSCE by Heartfulness Foundation.



- Dr.S.Lalitha, Dr.K.N.Madhusudan, Dr.H.R.Archana, Assistant Professors in the Department of Electronics and Communication Engineering co-authored a book titled, 'Image Processing Using Matlab Handbook' published by Hexagon 5D Technologies Publications with ISBN: 978-81-958382-4-0.



- Placement Club of Department of Computer Applications organized an interactive session providing a platform for discussion about the difficulties faced during the interview and other challenges during the coding round.





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✚ Dr.Venkatesh T Lamani, Assistant Professor, Department of Mechanical Engineering delivered a talk titled, 'Applications of Porous media in Combustion System' in VGST sponsored four-day FDP on 'Porous Medium – Theory to Industrial Applications' at Government Engineering College, Haveri scheduled during 29th January -1st February, 2024 .



February 2nd, 2024

✚ The Department of CSE organized an Industrial visit to Happiest Minds Technologies Pvt. Ltd., Bengaluru for 5th semester students. Smt. Sheetal V A and Sri.Vikranth B M., Assistant Professors in the department coordinated the industrial visit.



✚ The department of Computer Applications organised a hands-on workshop on 'JIRA' for third semester MCA students. Resource persons were Ms. Aruna P Johny, Mr. Rahul Kumar and Mr. Abhinav Srivastava, Senior Enterprise Support Engineers for Jira Software at Atlassian India Pvt. Ltd. Dr.D.N.Sujatha, Sri.K.Girish, Mr.P.Lakshminarayana and Sri. M.Siva Rama Krishna, faculty members in the department coordinated the event.



✚ Department of Mechanical Engineering organized one-week FDP on 'Latest Trends in Additive Manufacturing' funded by National Center for Additive Manufacturing, Ministry of Electronics and Information Technology, Government of India during Jan.29th – 2nd Feb. 2024. This program was aimed to demonstrate the most recent technologies of Additive Manufacturing that would be the future manufacturing scenario of modern industries.



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The FDP comprised of 13 lecture sessions, four laboratory sessions and an Industrial Visit. The lectures were delivered by experts from Indian Institute of Science, Bengaluru, Indian Institute of Technology Madras, Central Manufacturing Technology Institute, Bengaluru, Dassault Systemes, Wipro 3D and Intech Additive Solutions, Bengaluru. Around 50 faculty members across the departments participated in the programme.



- ✚ Dr.S.B. Bhanu Prashanth, Professor in Medical Electronics delivered an expert lecture on 'Sensors for Temperature Measurements and trends' to the 5th semester students in the department of Electronics & Instrumentation Engg.



- ✚ The Ph.D viva voce of Mr.Chandrashekhar V. Patil, Research Scholar under the guidance of Dr.M.S.Suma, Professor, department of Medical Electronics was conducted. The thesis Title: 'Through Silicon Via Modeling and Related Thermal Solutions for the 3-D ICs'





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February 3rd, 2024

- The 22nd meeting of the Academic Council was convened in the college.



- Dr. Madhukar K., Assistant Professor, Department of Mathematics was awarded 'Certificate of Excellence in Reviewing' in recognition of an outstanding contribution to the quality of the Journal by the Asian Journal of Chemical Sciences.

- The department of Electrical & Electronics Engineering organised a Faculty Development Program on 'Emerging Technologies in Sustainable Energy System' from 29th Jan. 2024 to 3rd Feb. 2024 at the college. Dr. Geetha R S., Professor and Dr.Venkatesh Boddapati, Assistant Professor in the department coordinated the program. The following sessions were conducted during February 1-3, 2024.

Day	Details of sessions organised
1.2.2024	'Design of Electric vehicles' and 'BLDC drives for EV', by Dr.B.Dastagiri Reddy, Faculty, NITK, Surathkal 'Role of Batteries and Fuel Cells in the Energy Storage Domain: An

1.2.2024	Engineering Perspective' by Dr.Srinivas Jayanthi, Professor, Dept. of Chemical Engineering, IIT Madras
2.2.2024	Technical Report writing using Linux by Dr.Balachandra K, Assistant Professor, Dept. of ETE, BMSCE Industrial visit to DAS, BESCOM, HSR Layout.
3.2.2024	'Energy management in Electric Vehicles' by Dr.Sanjeev K.Nayak, Manager, Engineering Department unit, ALSTOM, Bengaluru. 'PMU measurements in Power Systems' by Dr.J. Sreedevi, Joint Director, Power Systems Division, CPRI, Bengaluru





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- Department of Physical Education and Sports Science organised 'VTU Inter-Collegiate Bengaluru Central Division Handball Men Tournament 2023-24' in the college. BMSCE and NHCE secured First and Second place respectively.



- The NSS volunteers actively participated in the 'School Bell Project' of Yuvaka Sangha organized at Gottigere, Bengaluru. The one day event aimed at beautification of local schools.



February 4th, 2024

- The NSS volunteers of the college participated in 'CANWALK' organized by Youth For Seva in collaboration with Navodayans at Sree Kanteerava Stadium at 6 AM. The event aimed at cancer awareness and promotion of fitness.



- Dr.M.V.Murugendrappa, Associate Professor, Department of Physics co-authored & published a research paper titled, 'An impact of RGO on the ZnO nanoparticles: structural, morphological, electrical and gas sensing properties' in Sensing Technology, Volume 2, 2024 - Issue 1, Article: 2310479, Impact factor:



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2.07, ISSN Print: 2161-122X, ISSN Online: 21611238 <https://doi.org/10.1080/28361466.2024.2310479>

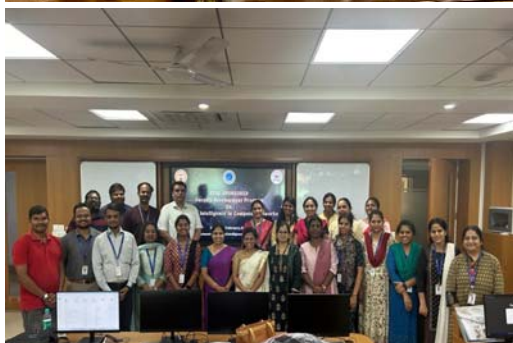
semester during the academic year 2023-24 in each UG department.

February 5th, 2024

- ✚ ATAL Sponsored 5-day FDP on Artificial Intelligence in Computer Networks was organised by Department of Artificial Intelligence and Data Science during February 5th – 9th, 2024. Faculty members across the departments participated in the program.



- ✚ Dr. Sreelakshmi Diddi, Dr. Chetan A Nayak and Dr. Shivakumar R, Assistant Professors in the Department of Chemical Engineering were invited as the resource persons to train the students on "Tools used in the Field of Chemical Engineering" during skill development program organised at Dayananda Sagar College of Engineering, Bengaluru from 5th to 10th February 2024.



- ✚ Dr.PGV Merit Award constituted by Dr.Potluri Geetavani, Professor(Retd.) of Department of Mathematics was awarded to the students who scored highest marks in Mathematics course of the fourth





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✚ Dr. Rajeshwari Hegde, HOD- Electronics and Telecommunication Engineering, Dr.Nagashree A N, HOD-Electrical and Electronics Engineering, Dr. Siddappaji, HOD-Electronics and Communication Engineering, Dr. Santosh Desai, HOD-Electronics and Instrumentation Engineering and Dr. B R Ramji, HOD-Industrial Engineering and Management attended a meeting at Mysore Electrical Industries, Bangalore.



February 6th, 2024

✚ Dr. Shivakumar R., Assistant Professor in the Department of Chemical Engineering was invited to deliver a talk on 'Digital Twin Using Process Simulation Software' during the skill development program organised at Dayananda Sagar College of Engineering, Bengaluru.

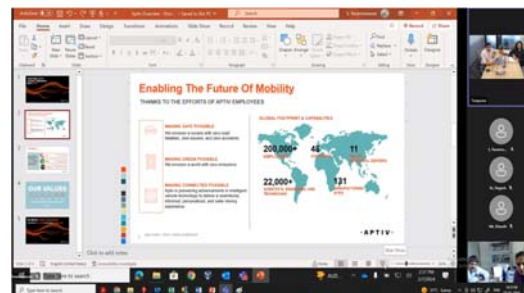


✚ Mr.Ganesh, Mr.Tejas S., students of 5th semester and Mr.Varun NC & Mr.Venkat Narasimha, students of 3rd semester in the Department of Electronics and Telecommunication Engineering received Mukund Memorial scholarship.



February 7th, 2024

✚ Department of Electronics and Telecommunication Engineering organized a meeting with experts from APTIV to discuss about probable collaboration in joint research, internship/ projects for students etc.



February 8th, 2024

✚ Dr. B Kanmani, Professor, Department of Electronics & Telecommunication Engg.,



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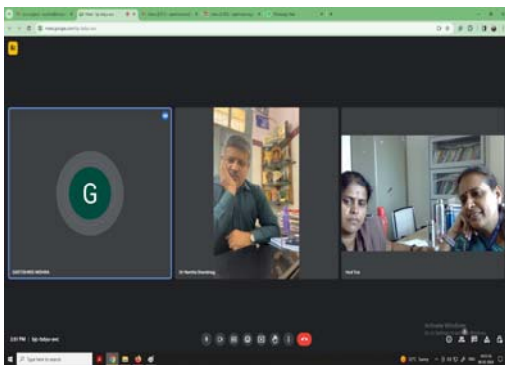
was invited to handle a session on 'Blooms Taxonomy, OBE and NEP', during the ATAL FDP on 'Computational Mathematics for Engineers, Industry and Beyond' organized at Dayananda Sagar College of Engineering, Bengaluru.



and mock interview sessions to equip the students to face the placement interviews confidently.



- Department of Electronics and Telecommunication Engineering organized a meeting with Dr. Namitha Shanbhag, Professor, Government Dental College & Research Institute, Bangalore to discuss about probable collaboration in research projects and joint publications.



- Placement Club of Department of Computer Applications conducted debate

- Dr. Bharathi V., Associate Professor and Dr. Anil Chandra A. R., Assistant Professor along with the students, Mr.Vedaprakash & Mr.N.Girish in the Department of Mechanical Engineering presented the following research papers in ISAMPE National Conference on Composites (INCCOM-18) organised at CSIR-NAL, Bengaluru.

- Effect of fiber orientation on the tensile behavior of Jute/Chitosan natural composite
- Fabrication and Modal Analysis of Reduced Small-Scale Wind Turbine Blade

February 9th, 2024

- Dr. Sudarshan B., Assistant Professor in association with M.Tech student, Mr. Y. Deepak in the department of Mechanical Engineering and industry expert,



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Sri.Shashikant N. Joshi, presented a paper titled, 'Surface morphology and viscosity variations of Chitosan biopolymer subjected to shock waves impact' in ISAMPE National Conference on Composites (INCCOM-18) organised at CSIR-NAL, Bengaluru.

February 12th, 2024

- Department of Computer Applications conducted Orientation program for first semester MCA students. The event was coordinated by Sri. M. Siva Rama Krishna and Sri. P. Lakshminarayana, Assistant Professors in the department. MCA department's student magazine, STRIDE-2022 and STRIDE 2023 were released on this occasion and Dr.Padmapriya, Assistant Professor in the department was the coordinator.



February 13th, 2024

- An open house exhibition on 'Internet of Things with Arduino based mini projects' was organized in the Department of CSE. 5th semester students demonstrated various IoT based Mini Project that were carried out as a part of their curriculum course, 'Internet of Things'. The open house day was very successful in motivating other students to take up such projects in the future. Industry experts visited the event and the top 3 best projects were awarded prizes. Dr.K.Panimozhi, Dr Gauri Kalnoor, Smt.T.Soumya and Dr.Shyamala, faculty members in the department coordinated the event.





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✚ The department of Civil Engineering organised 'Road Safety Awareness Program' on the occasion of National Road Safety Month. The Chief Guest was Sri.V.C.Sunil Kumar, Project Director, Karnataka State Highways Improvement Project. Sri.Kuldeep Kumar R.Jain,IPS, Deputy Commissioner of Police Traffic, East, Sri. L Udaya Kumar, MD, SUR Engg Services, Sri.G.D.Kumar, Executive Engineer, KSHIP and Dr.Praveen, BMS Multi Speciality Hospital were the resource persons .



✚ Dr. Sharanappa Chapi, Assistant Professor in the department of Physics co-authored & published a research paper titled, 'Organic conjugated polymers and their nanostructured composites: Synthesis methodologies and electrochemical applications' in Nano-Structures & Nano-Objects, Impact factor -5.914 Volume 37, February 2024, 101102, Q2 Journal, Online ISSN: 2352-5088, Print ISSN: 2352-507X
<https://doi.org/10.1016/j.nanoso.2024.101102>

✚ As a social responsibility, Mr. M N Shreyas, 3rd semester student in the Department of Machine Learning under the guidance of Dr. Monika P., Assistant Professor in the department has been engaged in training the students of grade 9 & 10 of YAS National High School, Subramanyapura helping the school students to enhance their knowledge and in conducting science experiments on regular basis.



February 14th, 2024

✚ Dr.K.L.Nagashree, Assistant Professor, Department of Chemistry co-authored and published an article titled, 'Bio-mediated Synthesis of ZnS-ZnO Nanocomposite from Cucumis melo Pulp and Chicken Feathers: Photodegradation of Dyes and Antibacterial Activities' in the Journal of Korean Journal of Chemical Engineering, <https://doi.org/10.1007/s11814-024-00058-9>, on 14th February 2024, IF-2.7, WOS



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- The department of Civil Engineering organised a visit to Water Treatment Plants at Doddabele and Manchanabele for fifth semester students in the department. Dr. Asha K, Dr.V. Priya and Smt. T. Deepa, Assistant Professors in the department accompanied the students.



- The Department of Civil Engineering organised Faculty Colloquium. Dr.Suresh Ramaswamyreddy, Professor, Civil Engineering and Vice Principal spoke on the topic, 'Study on Degradation of Lakes using RS & GIS'.



- Dr.S.B.Bhanu Prashanth, Professor in Medical Electronics was invited to deliver a talk on 'Wearable Sensors and Medical IoT systems for Healthcare' at KSSEM, Bengaluru.



February 15th, 2024

- Department of Electronics and Telecommunication Engineering organized a talk on 'Machine Learning in the World of Generative AI', by Dr.Vaidyanath Areyur Shanthakumar, Machine Learning Scientist with the Product Discovery team at Beyond Inc., USA for the benefit of 3rd semester students in the department.





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- Placement Club of Department of Computer Applications conducted an induction program for first semester MCA students.



Nonlinear Dynamics – 2024 (ICMMSND 2024) organised at Bharathiar University, Coimbatore.

February 16th, 2024

- Sri. Arun Kumar N., Assistant Professor in the Department of Machine Learning published a chapter titled, 'Deep Learning models for prediction disease in Lycopersicum' in Bentham publication book titled, 'Data Science for Agricultural Innovation and Productivity'.

- DSync, Department Club of CSE(Data Science) hosted an insightful workshop titled, 'Python for Data Science'. Sri.Om Rajesh, Data Science Analyst was the resource person. The event aimed to provide participants, a roadmap on how one should start their journey of Data Science.

- Dr.Balachandra K., Assistant Professor in the Department of Electronics and Telecommunication Engineering was granted patent for the research titled, 'INDIAN RAGA TRACKER FOR ONLINE LEARNING MANAGEMENT SYSTEM'.



- Dr.G.Chandrashekara, Assistant Professor, Department of Mathematics presented a paper titled, 'Stability Analysis of the Mixed Convective Flow of Teffery Fluid Through the porous medium using the LTNE Model' in the International Conference on Mathematical Modelling, Simulation and





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- Dr.D.N.Sujatha, Professor, Department of Computer Applications was felicitated for her contributions as WiE Chair [2016-17] during IEEE International Conference for Women in Innovation, Technology and Entrepreneurship ICWITE 2024, a flagship conference of the IEEE WIE AG, Bangalore Section, India.



- Dr. Padmapriya V., Assistant Professor and Dr. S Uma, Associate Professor in the Department of Computer Applications along with Ms.S.Prateeksha and Ms.Sandhya C., Alumni of the department presented a paper titled, 'Sahayaka: A fake currency detector application for visually impaired individual' at the International Conference for Women in Innovation, Technology and Entrepreneurship(IEEE ICWITE-2024) organised at Vemana Institute of Technology, Bengaluru during February 16th -17th, 2024.



- The Department of Medical Electronics Engineering conducted two-days hands-on workshop on 'Graphical programming using LabVIEW' during Feb.16-17,2024. Dr. Ravi Kumar, Associate Professor at SJBIT LabVIEW Academy was the resource person. He covered topics such as introduction to graphical programming, usage of LabVIEW software, usage of programming languages like C, C++ in the LabVIEW software, thermometers (simulations) and many more interesting biomedical applications.



February 17th, 2024

- Dr. Mangala Keshava, Associate Professor, department of Civil Engineering was invited to deliver a lecture on the topic, "CO PO Mapping" at BMSSA for faculty members.
- Dr.B.Kanmani, Professor,
Sri.B.Shreenivas, and Sri.Gururaj C.,



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Assistant Professors in the department of Electronics and Telecommunication Engineering jointly published an article titled, 'Ensuring OBE through Curriculum: An Example', in The Indian Journal of Technical Education by Indian Society for Technical Education, Vol 46, Issue 4, October-December 2023; pg 202-215. <http://isteonline.in/>

- ✚ Cultural Club of Department of Computer Applications organized games- Chapaaak and Pass-it-on Charades for first semester MCA students.



- ✚ Dr.Padmapriya V., Assistant Professor, Department of Computer Applications along with Ms. Ananya Venkatesh, Ms.Vaibhavi M, Ms.R.Aishwarya and Ms.Adeeba Moghis, students from the EEE department of PES University presented a paper titled, "Real-Time Sign Language Gesture and Facial Expressions Detection Method to Assist the Speech and Hearing-impaired" at the International Conference for Women in Innovation, Technology and

Entrepreneurship(IEEE ICWITE-2024) organised at Vemana Institute of Technology, Bengaluru during February 16th -17th, 2024.

- ✚ The NSS unit of the college organized a painting activity at Srinagar Government School on February 17th & 18th, 2024. The NSS volunteers enthusiastically participated in beautifying the premises with creative designs. This initiative not only improved the physical appearance of the school but also boosted the morale of students and teachers.





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February 19th, 2024

- ✚ Dr. Vasundhara Patel, Professor, Department of Electronics and Communication Engineering has been granted Patent for the invention titled, 'Capless Low Dropout Regulator with Programmable Output Voltage'.
- ✚ The 86th meeting of Board of Governors was convened at the college.



- ✚ Department of CSE in association with IEEE BMS SB and <CodeIO/> conducted a Value-Added Course on "Java and OOP Basics" for the UG students from 19th February to 1st March, 2024.



- ✚ Dr. Manjunatha S., Assistant Professor, Department of Chemistry co-authored & published an article titled, 'Aeglemarmelos mediated green synthesis of Ga₂O₃-ZnO nanocomposite for display technology and latent finger print detection' in an international journal "Inorganic Chemistry Communications" 162 (2024) 112110" (IF: 3.8, Q2) in Feb 2024.

- ✚ The department of Computer Science & Engg (IOT & CS) organised AICTE Training And Learning (ATAL) Academy Faculty Development Program on IoT and Cyber Security in the college during February 19-24, 2024. Eminent resource persons from industry and academia conducted sessions. Faculty members from across the departments of the college and various other institutes participated in the FDP. The event was coordinated by Dr. Nagarathna N, Professor & HOD and Mrs. Krupa K S, Assistant Professor, Dept of CSE(ICB).





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February 20th, 2024

- Department of Electronics and Telecommunication Engineering organized a meeting with Sri.Ganesh Bhat, Director, Semi Dice Private Limited to collaborate on a surveillance project for the students.



development and its functionality within the frontend ecosystem. The resource person for the session was Sri. Garvit Garg, CEO and Director, Edu Phoenix Solutions. The event was coordinated by Mrs.Manjula M, Assistant Professor, Dept of CSE(ICB).



- The NSS unit of the college organised various events like Essay writing, drawing and poster making competitions for the students of the college on the occasion of Matru Bhasha Diwas .

February 21st, 2024

- The Department of CSE(IoT & Cybersecurity Including Blockchain) conducted a hands-on workshop on Full Stack Web Development. It provided participants with comprehensive knowledge and practical insights into frontend and backend technologies. The workshop focused on Node.js backend

- Dr. Y. K. Suneetha, HOD-Chemical Engineering along with the students in the department, Ms.Vaishnavi Sudarshan and Ms.S.Lakshmi attended an International Conference on Trends in Chemical, Energy and Environmental Engineering organised at the Indian Institute of Petroleum and Energy (IPE), Vizag and presented two papers (poster). One of the posters was awarded the best poster award.





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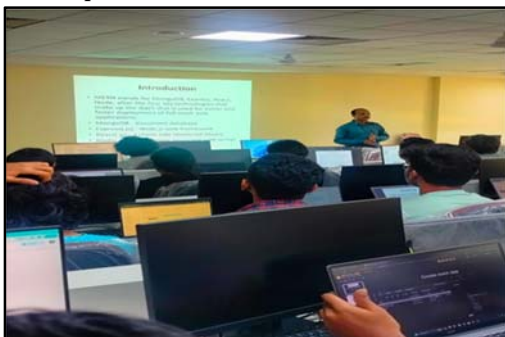
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February 22nd, 2024

- The Department of Artificial Intelligence and Data Science organised Hands-on session on 'Full stack development' for 3rd semester students of AI & DS. Dr.Manjunath D.R., Assistant Professor in the department of CSE of the college was the resource person.



- The Department of CSE (Data Science) hosted hands-on session on 'Full Stack Web Development' for third-semester students. Dr.Selva Kumar, Assistant Professor in the Department of CSE was the resource person for the one-day event. He meticulously provided a comprehensive training on full stack development.



- Three Students from BMS College for Women, Basavanagudi, joined internship program of 60 hours in Micro Devices Lab of the college under Dr.Chandasree Das, Associate Professor, Department of EEE.



- Dr.Darshan C Sekhar, Assistant Professor in the department of Civil Engineering was invited as Resource person to provide training to Front liner supervisors at L&T C-TEA Mysore.

- The Department of CSE(IoT & Cybersecurity Including Blockchain) organized an industrial visit to ITI Limited, a central public sector undertaking in India. The visit provided the participants with practical exposure and valuable learning on how 5G communication is supported by base stations and remote units in cell towers, the methods of how - PCB boards are manufactured, encrypted data is



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transmitted in the army and how 3D printing is done. The event was coordinated by Mrs. Krupa KS, Assistant Professor, Dept of CSE(ICB).



teaching staff members of the college and on 23rd February 2024 for faculty members.

✚ The NSS unit of the college conducted Essay writing and poem-recitation competitions for the students of Srinagar Government School on the occasion of Mathru Basha Diwas.

✚ The NSS unit of the college organized Drawing and preamble reciting competitions in Kannada at Srinagar Government School as a part of the 'Samvidhan Jagruthi Jatha' initiative towards creating awareness about the Indian Constitution.



✚ The NSS unit of the college in association with JEEVARAKSHA conducted one day course on Basic Emergency Care and Life Support on 22nd February 2024 for non-

✚ Dr. A Satyanandini, Professor in the department of Management Studies and Research Centre was invited as a speaker for the FDP titled, "Case as a



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pedagogy” organised at PSG Institute of Management.



February 23rd, 2024

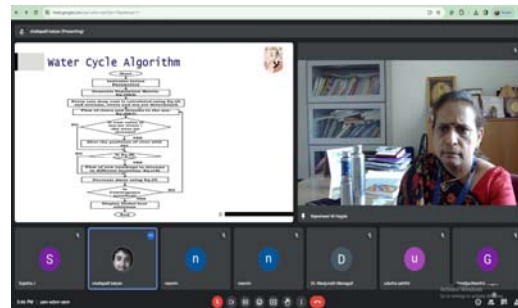
✚ Dr. Manjunatha S., Dr.K.L.Nagashree, Dr.Madhuri P Rao, Dr.Supriya S., Dr.Mohan Reddy R, Dr.Malini S., Dr.T N Ravishankar, Dr.P.N.Ravishankar, Assistant Professors in the Department of Chemistry participated in 7 days Faculty Development program on ‘Recent innovations in Green and Sustainable energy’ organised at Dayananda Sagar College of Engineering, Bengaluru during February 23-29, 2024.

✚ Dr. K P Lakshmi, Professor, Department of Electronics and Communication

Engineering was invited to deliver a talk on ‘Sensors for Health Diagnosis’ in a two-day workshop on ‘Introduction to Composite Materials and their Applications’ organized by RNS Institute of Technology, Bengaluru.

✚ The Ph.D viva voce of Ms. M Revathy, Research Scholar under the guidance of Dr.S.Jayanthi, Professor(Retd), department of Mathematics of the college was conducted. The thesis title : “A Study of Laminar Boundary Layer Flow of Nanofluids”.

✚ Dr. Rajeshwari Hegde, HOD - Electronics and Telecommunication Engineering chaired a session(online) of 2nd IEEE International Conference on Integrated Circuits and Communication Systems, organized at Sir M Visvesvaraya College of Engineering Raichur .



✚ Dr.S.B.Bhanu Prashanth, Professor in Medical Electronics was invited to be on



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the Panel for a discussion on “Skills for Future Workforce” during the Industry Academia and Alumni Integration Summit-2024, organized by the Bangalore Institute of Technology, Bangalore.



authored & published a research paper titled, “Synthesis and characterization of PANI-CZF nanocomposites for enhanced electromagnetic interference shielding” in Journal of Materials Science: Materials in Electronics, Q3 Journal, Volume 35, article number 391, 2024 with Impact factor 2.8 Electronic ISSN 1573-482X and Print ISSN 0957-4522
<https://doi.org/10.1007/s10854-024-12086-6>

February 24th, 2024

✚ Dr. Murugendrappa M V, Associate Professor, Department of Physics delivered a talk on the topic, “Synthesis and Characterization of Conducting Polymer Composites for Sensors Applications” in Two-day workshop on “Introduction to Composite Materials and their Applications” organized by Centre of Excellence in Material Science and Devices at RNS Institute of Technology, Bengaluru during February 23-24,2024.



✚ Dr. Murugendrappa M V, Associate Professor, Department of Physics co-

✚ The first semester students of Department of Computer Applications accompanied by Sri. M Siva Rama Krishna and Sri. P Lakshminarayana visited Indian Institute of Science, Bengaluru during “Open Day” event.





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✚ Dr. Prema V., Associate Professor, Dept. of EEE and Dr. Anil Chandra, Assistant Professor, Dept. of Mechanical Engineering along with students demonstrated the VR microgrid model during the annual event conducted by Dassault Systems at the office of Dassault Systemes, Bangalore. The event showcased 3D printing capabilities and FEA simulation of small-scale wind turbine blades.



Initiative: A case of Deemed-to-be Universities in the State of Karnataka'.



February 25th, 2024

✚ The college Basketball Women team secured Runners-up position in VTU Bengaluru Division Basketball (Women) Tournament 2023-24 organized at East West College of Engineering, Bengaluru during February 24-25, 2024.

✚ Dr. Shubha Muralidhar, Assistant Professor in the Department of Management Studies and Research Centre was invited as Panelist by Christ University, Bengaluru, for a session on 'Perception of Higher Education Stakeholders towards Socio-Economic Impact of NEP-2020





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✚ NSS volunteers of the college actively participated in an Eco-water initiative conducted on 3rd February, 2024 at the Bio Park and in a series of Green Sundays organized by Adamyia Chetana Foundation at different locations in Bengaluru held on 4th, 11th, 18th and 25th February 2024.



February 26th, 2024

✚ The Department of Aerospace Engineering conducted a workshop in the Department regarding Rubber-powered propellers airplane. As the name suggests, using an elastic rubber band to propel them forward. The rubber band is wound to store potential energy. When released, the rubber band

unwinds itself, converting this potential energy to turn the propeller.



February 28th, 2024

✚ The departments of Chemistry, Physics & Mathematics organised a talk on 'Science: Persistence, Inspiration and Defiance as ways to Success' by Dr.S.A.Shivashankar, Professor, CeNSE, Indian Institute of Science (IISc), Bengaluru on the occasion of National Science Day.

The NSS unit of the college conducted Science Lecture and Essay writing



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competition for the students on this occasion.



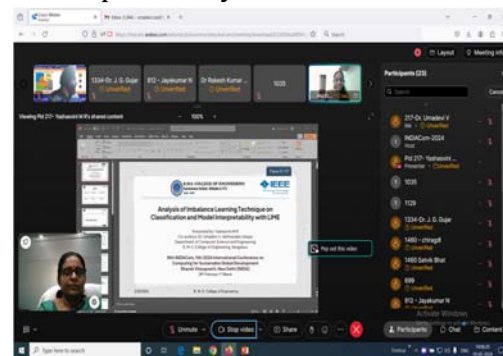
Dr.K.E Ganesh, Associate Professor, co-authored & published a research paper titled, "Assessment of primordial radionuclides and radon exhalation in granitic terrain of Bengaluru, India" in

Nuclear Inst. and Methods in Physics Research, B, Q2 Journal, Impact factor 1.4 Electronic ISSN 0168583X <https://doi.org/10.1016/j.nimb.2024.165300>

February 29th, 2024

Mr.Anoshor B. Paul, Mr. G Sai Vikrant, Ms.Yashasvini M R and Mr.Abhinandan Udupa under-graduate students in the department of Computer Science & Engg., under the guidance of Dr. Umadevi, Associate Professor, CSE, presented the following two research papers at 11th International Conference on Computing for Sustainable Global Development organized by Bharati Vidyapeeth, New Delhi. Research papers titled-

- Resilient Kannada Scene Text Detection: CRAFT-YOLOv8 Fusion
- Analysis of Imbalance Learning Technique on Classification and Model Interpretability with LIME.



The Melton Foundation is a global network of young leaders who are



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committed to making a positive impact in their communities and beyond. The programs and initiatives are designed to empower people to become positive change agents, promote sustainable development and foster cross-cultural understanding. Following a rigorous selection process, the following students of the college have been selected as Melton Fellows. As Melton Foundation fellows, they will be able to take part in a range of initiatives, seminars and gatherings that will broaden their global outlook, develop their leadership abilities and provide them the chance to work with other global change agents.

Selected Junior Melton Fellows:

1. Ms. Nidhi J - 2nd year, Dept. of EIE
2. Mr. Bhuvan - 2nd year, Dept. of ECE
3. Mr. Siddhant Sawhney - 1st year, Dept. of CSE

- Placement Club of Department of Computer Applications organised a debate session for first semester MCA students.



- Ms. Pallavi Sharma, 8th semester student in the Department of Electronics and Telecommunication Engineering under the supervision of Dr. Rajeshwari Hegde, HOD-EET and Dr. Balamati Choudhury, Principal Scientist, NAL, Bangalore presented a paper titled, "Study on Quantum Radars for Space Applications" in the IEEE Wireless, Antenna & Microwave Symposium, Visakhapatnam, and received Best paper award.



- Dr. Darshan C Sekhar, Assistant Professor in the department of Civil Engineering was invited as Resource person to provide training to Front liner supervisors at L&T C-TEA Mysore.
- Dr. Suma M.S., Professor in the Department of Medical Electronics & IP Cell Coordinator attended a Brainstorming session & workshop on IPR organised for IP Cell Coordinators at



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

- Sri.K.Ravishankar,
Associate Professor, Physics
- Smt. H.R.Veena,
Superintendent, Academic Section

✚ The Department of CSE(IoT & Cybersecurity Including Blockchain) organised a hands-on workshop on Raspberry Pi by Sri.P.Raghu, Faculty, Cambridge Institute of Technology. The workshop provided practical insights into Raspberry Pi. The event was coordinated by Mrs. Manjula M., Assistant Professor, Dept of CSE(ICB) .