

Autonomous Institute, Affiliated to VTU

REPORT ON COLLEGE ACTIVITIES - SEPTEMBER 2023

September 1st, 2023

♣ The department of Civil Engineering organised a visit to Yelahanka Tertiary Treatment Plant(TTP) and K & C Valley sewage treatment plant(STP) for second semester M.Tech-Environmental Engineering students. Dr. C R Ramakrishnaiah, Professor and Dr. Manjunath S V, Assistant Professor in the department accompanied the students.





♣ Dr. Kavitha Sooda, Associate Professor, Department of Computer Science & Engg., was a member of the Publication Chair for the IEEE NMITCON 2023 conference organised at Nitte Meenakshi Institute of Technology, Bengaluru during Sept.1-2, 2023. She also chaired a session during the conference.



- Dr. Rajanikanth K N, Associate Professor in the Department of Electronics and Communication Engineering in association with the students. Mr.Sanketh J. Mr. Sree Survadatta M Vadhoolas, Mr. Vinay Kumar K V and Mr.Vinayak Rao H K presented a paper titled, 'Visual Kinetic SLAM Hardware Acceleration for Navigation' at IEEE 2023 International Conference on Network, Multimedia and Information Technology (NMITCON) organised at Nitte Meenakshi Institute of Technology Bangalore, India.
- ♣ Dr. Suma M N, Professor and Dr.Rajanikanth K N., Associate Professor in



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the Department of Electronics and Communication Engineering published a research paper tilted, 'Mitigating the Spread of COVID-19 using Internet of Things: A Holistic Approach' in the book, Contemporary Applications of Data Fusion for Advanced Healthcare Informatics published by IGI Global.DOI: 10.4018/978-1-6684-8913-0.ch009

♣ Dr.Suresh Ramaswwamyreddy, Vice Principal(Aca), Dr. Chandasree Das, Associate Professor, EEE & Dr. Latha Kumari, Associate Professor, Physics presented a proposal for funding for PG College under DST-FIST Program in the meeting of the Subject Expert Committee organised at IIT, Delhi



♣ Sri.Ajaykumar Devarapalli, Assistant Professor in the department of Electronics & Instrumentation Engg., published a paper titled, "Investigation into facial expression recognition methods: a review," in Indonesian Journal of Electrical Engineering and Computer Science, vol. 31, no. 3., pp1754-1762

♣ Department of Electronics and Telecommunication Engineering organized an industrial visit to Robert Bosch and a meeting with industry experts for probable collaboration for curriculum design, expert lectures and MoU. The HOD,ETE, faculty members and students participated in the activity.



♣ Dr. Rajeshwari Hegde, Professor & Head, Department of Electronics and Telecommunication Engineering chaired a session in the IEEE International Conference on Networks, Multimedia and Information Technology organized at Nitte Meenakshi Institute of Technology, Bengaluru.



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♣ Sri.Archishman, alumnus of the Department of Electronics and Telecommunication Engineering under the guidance Dr.Rajeshwari Hegde, HOD-ETE presented two papers titled, "Crop Disease Detection using Deep Neural Network" and "Super Resolution in Medical Imaging" in the IEEE International conference on Networks, Multimedia and Information Technology organised at Nitte Meenakshi Institute of Technology, Bengaluru and received the Best Paper presenter Award for the paper titled, "Crop Disease Detection using Deep Neural Network".



♣ Dr.G.Giridhara, Professor & Head, Department of Mechanical Engineering attended Board of Studies meeting in Mechanical Engineering at BNM Institute of Technology, Bengaluru, as an External Expert Member.

September 2nd, 2023

Department of Electronics and Communication Engineering in association with BMSCE IEEE Signal Processing society Student Branch organized a lecture series on 'Intuitive Control of Bionic Limbs' for the students, faculty members and delegates from various institutions in Bengaluru. Dr. V John Matthews, Professor, School of Electrical Engineering and Computer Science at the Oregon State University was the resource person.



♣ Dr. C. Gururaj, Assistant Professor in the department of Electronics and Telecommunication Engineering chaired a session in the AICTE Sponsored IEEE International Conference on Networks, Multimedia and Information Technology, organized by NMIT, Bengaluru.



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→ Dr. Rajeshwari Hegde, Professor & Head, Department of Electronics and Telecommunication Engineering was invited as a panel member for the final defense of a research scholar at Heartfulness Research center, Mysore.



♣ Dr.Monika Puttaramaiah, Assistant Professor, Dept. of Machine Learning [AI-ML] presented a talk on "CHATGPT" at AVOTECH 2023 – Intelligence & Beyond, an international conference held at Nimhans Convention Hall, Bengaluru.



♣ The department of Machine Learning (AIML) organised workshop on Amazon Web Services, a hands-on workshop for BMSCE IEEE SSIT by Sri.Karthikeyan of M/s Capgemini. Dr.Sonia Maria D'Souza, Assistant Professor in the department coordinated the event.



September 3rd, 2023

- ♣ Department of Electronics and Telecommunication Engineering organized a value added course on 'Bootcamp on DSA and OOPs', by an alumnus, Mr.Shrenik Parekh, Data Engineer, SteelEye for the 4th semester students in the department.
- ♣ Dr. Sharanappa Chapi, Assistant Professor, Department of Physics published a research paper titled, "Preparation, characterization and swelling studies of bio-waste-derived absorbent hydrogels" in Polymers from



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Renewable Resources, Scopus and Q2 Journal. ISSN: 2041-2479; Online ISSN: 2045-1377; DOI: https://doi.org/10.1177/204124792312 00323

September 4th, 2023

- ↓ CEHSC-BMSCE in association with IMPERIAL Overseas Education Consultants organised Global Education fair-2023 for the benefit of the students.
- Department of Mechanical Engineering under MEA, organised a lecture on 'Maintenance of static equipment in petroleum Refineries' by Dr. R. Verma, S-OJT Trainer. The talk covered the process of offshore oil extraction, refinement and transportation. Fourth semester BE students of Mechanical Engineering and Chemical Engineering attended the talk.



September 5th, 2023

♣ On the occasion of Teachers' Day, Chemical Engineering students of the college under the student chapter of the Indian Institute of Chemical Engineers (IIChE) distributed badges to the faculty members in the college.



Dr. Rajeshwari Hegde, Professor & Head, Electronics Department of Telecommunication Engineering received a certificate of honor and appreciation for outstanding contribution as Keynote Speaker during Global **Edu-Conclave** 2023(virtual mode) organised International Institute of Organized Research - I2OR and Green ThinkerZ in association with Centre for Smart Modern Construction, Western Sydney University, Australia. The Intelligent Indian, Sustainable Cosmos, Wakelet, IJRECE, TRI, SusCos Academy, Elsevier's Mendeley.



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♣ Cultural Club, department of Computer Applications celebrated Teacher's day. Students expressed their gratitude to the teachers through dance and singing performance and several games were conducted for the faculty members.



♣ Football(Women) team of the college emerged as VTU Champion in VTU State Level Football Championship for Women held on 05th & 06th September 2023 at CMR Institute of Technology, Bengaluru.



∔ A team of faculty members from Department of Mechanical Engineering comprising of Dr. Shivashankar R Srivatsa, Dr. Raghu Yogaraju, Dr. Anil Chandra A.R, Sri.Rajesh P., Dr.Sangamesh C Godi, Dr.Sachin Kumar B, Assistant Professors, Dr.Sharana Basavaraja, Professor and Dr.Y.S.Rammohan, Professor & Head. Department of Aerospace Engineering visited M/s Honeywell Technology Centre, India to discuss opportunities of research collaboration in the field of aerospace technologies.







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♣ Dr. Rajeshwari Hegde, Professor & Head, Department Electronics of and Telecommunication Engineering and Dr.Geetishree Mishra, Assistant Professor, Department of Electronics and Communication Engineering published a paper titled, "Wireless Power Transfer for Smart Agriculture using AI Concepts" in the proceedings of Global Edu-Conclave 2023.

September 6th, 2023

4 The Dept. of Computer Science Engineering organized a talk on "Balancing Professional and Personal Life". The Sister B.K. speakers were Chaya, Dr.Premalatha and Sister Nalini, from Brahma Kumaris Ishwariya Vishwa Vidyalaya, Bengaluru.



♣ Dr.G.S.Ananthnag, Assistant Professor in the Department of Chemistry published

- an article titled, "CrownPhos: A Review of Crown Ether Derivatives Decorated with Phosphorus Donors" in "Comments on Inorganic Chemistry" in a web of science indexed Q1 journal with impact factor 5.4 published by Taylor & Francis Group. DOI: 10.1080/02603594.2023.2255528."
- ♣ Dr. G. Giridhara, Prof. & Head, Department of Mechanical Engineering presented the following two papers in International Conference on Processing & Fabrication of Advanced Materials - PFAM29 oragnised at Indian Institute of Technology, Tirupathi.
 - Slurry Erosive Wear Behavior of TiO2-Inconel718 Composite coatings Plasma Sprayed on Mild Steel Substrate authored by Dr. R. Suresh Kumar and Dr. G. Giridhara
 - ➤ Effect of Plasma sprayed TiO2-15wt% Inconel 718 composite coatings on salt spray corrosion of on SS304 steel authored by Dr. R Suresh Kumar, Dr. G. Giridhara & Sri. E. Suresh
- ♣ Dr. Karthik Kumara, Assistant Professor, Department of Physics published a research paper titled, "Regioselective benzylation of imidazo[1,5-a]pyridines and indoles via iodine catalyzed reaction



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using alcohols - An approach to crystal structure prediction, DFT studies and Hirshfeld surface analysis" in Journal of Molecular Structures, <u>Volume 1295</u>, <u>Part 1</u>, Scopus and Q2 Journal. Online ISSN: 1872-8014, Print ISSN: 0022-2860; DOI: https://doi.org/10.1016/j.molstruc.2023.136591

September 7th, 2023

♣ Dr. Rajeshwari Hegde, Professor & Head, Department of Electronics and Telecommunication Engineering delivered a talk on "The Power of Thoughts" during the induction program at K S Institute of Technology, Bangalore.



♣ Dr. K. Asha, Assistant Professor, Department of Civil Engineering delivered a talk on the topic, "Sustainable approach towards utilization of Industrial waste in the construction sector" at Founding Day Celebration of Indian Concrete Institute (ICI), Bengaluru center organised at DSCE, Bengaluru.

September 8th, 2023

♣ BMS College of Engineering in association with B.M.S College of Architecture and B.M.S. College of Law organised Teachers Day 2023 at the college to commemorate the Birth anniversary of Dr.Sarvepalli Radhakrishnan. Dr. Vinod Kumar, Director, Promotion Directorate, IN-SPACe, was the Chief Guest for the function Dr. Vinod Kumar addressed the gathering and shared insightful thoughts about teacher's day. Shri Aviram Sharma, Trustee, BMSET spoke on the importance of teacher's day and congratulated the faculty & staff members for achievement during the year. The faculty & staff members who completed 25 years of service in BMS institutions were felicitated.







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September 9^{th} , 2023

→ Dr.Madhuri P Rao, Assistant Professor in the Department of Chemistry co-authored and published an article titled, "Magnesium alloys as extremely promising alternatives for temporary orthopedic implants –A review" in the Journal of Magnesium and Alloys (Q1, impact factor 17.6) on 9th September 2023 DOI:

https://doi.org/10.1016/j.jma.2023.08.002

♣ Dr. Chandasree Das, Associate Professor in the department of EEE delivered a talk on "R & D Funding Opportunities" in Young Researchers Meet (YRM) – 2023 jointly organized by IEEE PES Bangalore Section and GSSSIETW, Mysore at GSSSIETW, Mysore.



♣ Dr. Rudra Naik, Professor, Department of Mechanical Engineering participated in 'Automation Summit 2023', a flagship event of ISHRAE, Bengaluru organised at Hotel La Marvella, Bengaluru.

September 11th, 2023

♣ Dr. Rajeshwari Hegde, Professor & Head, ETE was the resource person at the 5 day Faculty Development Program organized by Periyar University, Salem.





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September 13th, 2023

The Induction Program for First year B.E. students of 2023-24 was organised during Sept.13-27,2023. Various sessions on personality development & team building were conducted by the experts in the field. The students were introduced to various courses, programmes offered, facilities available at the institution level, student clubs in vogue, placement details etc. The students also visited laboratory & other facilities in their department and interacted with faculty members in the department.









September 14th, 2023

♣ Dr.PGV Merit Award constituted by Dr.Potluri Geetavani, Professor(Retd) of Department of Mathematics was presented to Ms. Madhura G O., studying in second semester M.Tech(Power Electronics) for securing highest marks in Applied Mathematics subject.



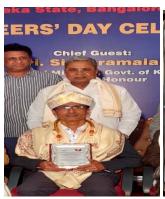


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September 15th, 2023

♣ Dr. C T Puttaswamy, Professor in Department of Chemical Engineering is conferred with the prestigious "Eminent Engineer" Award by "The Institution of Engineers (India), Karnataka Centre with a citation.





♣ Ms.Lakshmi S, Ms.Ruthu M, and Ms.Ragha Raghini, first year students of Chemical Engineering Department and Ms.Divvashree G, Mr. Pranav Karanth M S, & Ms.Seema N Poojary under the guidance of Dr. Y K Suneetha, HOD. Chemical Engineering, participated in an oral presentation competition held during the One Day Workshop on Environment and green Energy: PARYAVARAN - 2023, organized by Indian National Academy of Engineering Bangalore chapter at Ramaiah Institute of Technology.

The team consisting of Ms.Divyashree G, Mr.Pranav Karanth M S, & Ms.Seema N Poojary won 1st place with cash prize





→ Dr. D N Sujatha, Professor, Department of Computer Applications was invited as a Jury member for IEEE Computer Society Bangalore Chapter, "Hack-the-Metaverse" at IIIT Bangalore.





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- ♣ Smt. Namratha M and Dr. Rajeshwari B S, Assistant Professors in the Department of Computer Science & Engineering along with UG students, Mr. M Udaya Raj, Mr.Lokesh R and Mr.Aravindh Siddharth published Indian Patent, "SYSTEM AND METHOD TO OPTIMIZE PROCESSING POWER AND PROCESSING TIME DURING ENCRYPTION".
- ♣ Dr.Kalyan Raj, Professor of chemistry was invited as resource person to deliver lecture at Maharaja Institute of Technology(MIT), Mysuru on the revised Applied Chemistry course in the first year curriculum scheduled during September 15th- 16th, 2023.



Ms.Aaradhya Malik & Ms.Varun Reddy B., IV Semester BE (Mechanical Engineering) students of the college participated in the Engineers Day Celebration at Bosch Global Software Technologies Private Ltd., Bengaluru.

September 16th, 2023

- ♣ Dr. G N Rameshaiah, Professor in the Department of Chemical Engineering participated in the International Conference RICBE-2k21 jointly organized by the Department of Chemical Engineering and Biosciences, RGUKT-NUZVID in assocaition with IIChE – ARC at RGUKT-NUZVID, Andhra Pradesh during September 16-18, 2023.
- ♣ Dr. B Kanmani, Professor in the department of Electronics & Telecommunication Engg., was invited to handle one day workshop on 'Outcomes Based Education', at PSG Institute of Technology and Applied Research, Coimbatore.





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September 21st, 2023

- ♣ Dr. Chetan A Nayak & Dr. Shivkumar R., Assistant Professors in Department of Chemical Engineering participated as Programme committee members and Reviewers in the 2nd International Conference on Advances in Data driven computing and intelligent systems (ADCIS 2023) organized by BITS Pilani, Goa Campus during September 21-23, 2023.
- ♣ Dr.Chandasree Das, Associate Professor, EEE attended the Review Meeting of SERB POWER Scheme organized at Delhi Technological University (DTU), Delhi.



♣ The research paper titled, "GrowWise: Advancing Crop Selection with Machine Learning Intelligence" jointly authored by Smt.Pushpa T S, Smt.Shailaja K P., Assistant Professors of department of Computer Applications and the students, Mr.Shiva Kumar BM. & Mr.Monnappa BK in the

department was presented by Mr.Shiva Kumar BM., in the 8th International Conference on Engineering Research and Innovations-(ICERI-2023) (Virtual Conference), organized bv Terna Engineering college(TEC), Nerul, Navi Mumbai in association with Institute For Engineering Research & Publication (IFERP).



♣ Smt. Chaitanya L., Assistant Professor, EEE along with UG student, Ms.Niharika Joshi presented a paper in IEEE WINTECHCON 2023, Women in Technology conference organised at Leela palace, Bengaluru





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- The following faculty and students participated in the Skill Development Academia Connect, 'One Week One lab' programme conducted by CSIR, Ministry of Science & Technology, Govt. of India, at SRV Auditorium, National Aerospace Laboratories, Kodihalli, Bengaluru.
 - Dr. Ram Rohit V., Dr. Prakash H. R., Assistant Professors, Mech. Engg and Sri. Satyanarayana Reddy, Assistant Instructor, Aerospace Propel Lab.
 - > Students. Mr. Aayush C Naik. Mr.Ajheyasimha C H, Mr Bhuvan S, Mr. Tarun Venkatesh, Mr. Yash Sandeep Mehendale from Mech. Engg Dept.; Mr.Shree Charan Bhat K Mr. Veerkumar R K, Mr. Kushagra Patel from Aerospace Engg Dept.,; Ms. Amulya K M from ECE Dept., and Ms.Annapoorna, EEE dept.
- ♣ Mrs. Thrinethra S.N, Research scholar in the department of Physics presented research work titled, "Structural, Optical and Magnetic Evaluation of Multiphase Cobalt Doped Nickel Ferrite/Polyaniline Nanocomposites" in the third International Conference on Physics of Materials & Nanotechnology (ICPN-2023) organized by Mangalore University, Mangalagangothri during Sept. 21-23,2023

September 22nd, 2023

- ♣ Dr. Umesha V, Assistant Professor, Department of Mathematics got best paper award for the paper titled, "Evaluation of integrals using quadrature based Haar wavelets method" presented (virtual mode) in IEEE international conference on Multidisciplinary Research in Technology and Management (MRTM-2023) organised at New Horizon College of Engineering Bengaluru during Sept.22-23,2023.
- ♣ Dr. Umadevi V, Associate Professor, Dept. of CSE along with third year UG students in the department, Mr.S Kaustubh Rao, Ms.S.Pooja Iyer, Mr.Sai Pranav & Mr.Rohit Mahendrakar presented a research paper titled, "A Comparative Analysis of Classification Techniques for Chronic Kidney Disease" at IEEE International Conference on Multidisciplinary Research in Technology and Management (MRTM 2023) organized at New Horizon College of Engineering, Bengaluru.

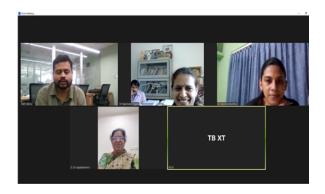




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- ♣ Dr. Umadevi V., Associate Professor, Dept. of CSE and Ms.Neha Ratakonda from Mahindra University, Hyderabad, presented a research paper titled, "Impact of Sampling Techniques on Imbalance Datasets: A Comparative Analysis of Four Diverse Case Studies" at IEEE International Conference on Multidisciplinary Research in Technology and Management (MRTM) organized at New Horizon College of Engineering, Bengaluru.
- → Department of Electronics and Telecommunication Engineering and Department of Medical Electronics organized a meeting with experts from TerrablueXT to discuss about the internship for students and the research activities as part of MoU.



♣ Department of Physics organized Ph.D. Viva Voce of Mrs. Poojitha C.G., on "Studies on radon and radium activity in groundwater and its relation to uranium deposit" under the guidance of Dr. K.E Ganesh, Associate Professor in the department.



- ♣ The NBA Expert Team visited the institution to evaluate five PG (M.Tech) Programmes, Construction Technology, Transportation Engineering, Computer Science & Engineering, Computer Network Engineering & Power Electronics regarding accreditation during Sept. 22nd-24th,2023.
- Dr. Saisha Vinjamuri, Assistant Professor, Dept. of Biotechnology, Dr. Jisha P., Assistant Professor & Dr. M S Suma, department of Professor. Medical Electronics Engg., along with Ms.A.Vaishnavi, Ms.Aditi Prasad, Ms.Sruthi Kumar, students of Dept. Biotechnology presented a poster titled, 'Development of a protonic acid-doped polymer nanoparticle based chemiresistive biosensor using a diagnostic prognostic biomarker in the cervicovaginal



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fluid for the early detection of cervical cancer' at the 2023 Carnegie Mellon Forum on Biomedical Engineering held virtually via Whova.

September 23rd, 2023

- ♣ Dr. Balachandra K, Assistant Professor, Department of Electronics and Telecommunication Engineering was one of the highest number of NPTEL course takers during January 2021 to January 2023.
- → Department of Civil Engineering organised a guest lecture on the topic, "A case study of lakes and rivers of Bangalore" by Smt.Nirmala Gowda, Paani.Earth (NGO), Bengaluru for the benefit of M.Tech Environmental Engineering students. Dr.C.R. Ramakrishnaiah, Professor and Smt.Prathima B, Assistant Professor in the department coordinated the event.



♣ The M.Tech Dissertation of Mr. Akash K S, student of M.Tech Construction Technology of the college guided by Dr. R V Ranganath, Professor, Civil Engineering got "Best M.Tech Dissertation" on the occasion of Engineers day celebration organised by Association of Consulting Civil Engineers (India), Bengaluru Centre with RAMCO Cements Limited...



♣ Projects of Final year B.E. students in the department of Mechanical Engineering were evaluated by a panel comprising of Dr.L.Ravikumar, Dr. M. Ramachandra, Dr.S.Srinivas, Professors in the department and Dr.M. R. Kamesh, Associate Professor, Department of Mechanical Engineering, Dayananda Sagar College of Engineering, Bengaluru to identify the Best Projects for the AY 2022-23.



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Professor, Dept. of Machine Learning presented paper titled, 'Autonomous System for Node AND Edge Detection Path Planning and Efficient Colour Coded Box Handling in Complex Networks' at IEEE International Conference on Multidisciplinary Research in Technology and Management (MRTM) organized by New Horizon College of Engineering, Bengaluru.



September 25th, 2023

→ Dr. Venkatesh T Lamani and Dr. Raghu Yogaraju, Assistant Professors in the Department of Mechanical Engineering attended Five-day workshop on 'Universal Human Values-I' (through virtual mode) organized by UGC-AIC.

September 27th, 2023

- ♣ The Ph.D. viva-voce of the research scholar, Ms. Bhavya K., on the topic, "Influence of Biowaste Based Porous Nanocarbons on Efficient Removal of Organic Dyes: Systematic Investigation, Characterization and Optimization" under the guidance of Dr.Maya Naik, Professor(Retd.), Department of Civil Engineering was conducted.
- The Tilting Flume equipment in the Fluid Mechanics Laboratory of the department of Civil Engineering was inaugurated. Sri.Aviram Sharma, Trustee, BMSET, Wg.Cdr R.A.Raghavan(R), Director(Admin), BMSET, Dr. S Muralidhara, Principal, Dr.Suresh Ramaswwamyreddy, Vice Principal (Academic) & Dr. H B Nagaraj, HOD-Civil Engineering graced the occasion.





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♣ The M.Tech Dissertation of Mr. Kiran S., student of M.Tech Construction Technology guided by Dr. R V Ranganath, Professor, Civil Engineering got "Best M.Tech Dissertation" award from ICI -UltraTech on the occasion of Concrete Day celebration.



♣ Sri. T Shamanth Gowda, Assistant Professor in the department of Civil Engineering got 'Emerging Concrete Technologist of Karnataka' award from ICI – UltraTech on the occasion of Concrete Day celebration.



- 🖶 Dr. Chethana R. Assistant Professor, Department of Civil Engineering delivered a talk (Online) on the topic, "Decision Support System for Maintenance Management of Indian Highways" as part of Transpedia Research Talk Series National for Transportation Planning and Research Centre (NATPAC); a premier R & D Institution under Kerala State Council for Science and Technology.
- ♣ Dr.Umavathi M., Assistant Professor in the department of Electrical & Electronics Engineering chaired a session in the 1st International Conference on Intelligent and Sustainable Power and Energy Systems (ICISPES-2023) organised at Dayananda Sagar College of Engineering, Kumaraswamy layout, Bengaluru.





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September 30th, 2023

- \downarrow Dr. Veena M B. Associate Professor, Department of Electronics Communication Engineering and Mrs.Dhanyavathi A., research scholar journal published a paper titled, 'Osteoporosis Detection and Classification of Femur X -ray Images Through Spectral Domain Analysis using Texture Features' in International **Journal** of Advanced computer science and applications, Vol.14, 2023 No.9, Sep 30. pp766-773.(Scopus/WOS indexed)
- 🖶 Dr. Veena M B. Associate Professor, Department of Electronics and Communication Engineering and Mrs.Meena Deshpande, research scholar, published journal paper titled. 'Performance Analysis of Object Detection Algorithms Based on Transform and Statistical Texture Classification Methods' in Journal of the Balkan Tribological Association, Vol. 29, No3, 322-331, Sep 2023 (Scopus indexed)
- ♣ Dr B Kanmani, Professor, Department of Electronics & Telecommunication Engg., was invited as Advisor to conduct two days

mock accreditation of the UG ECE and EEE programs offered by Christ College of Engineering, Irinjalakudi, Trissur, Kerala.

