



B.M.S. COLLEGE OF ENGINEERING, BENGALURU

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REPORT ON COLLEGE ACTIVITIES – JULY 2024

July 1st, 2024

- ✚ Sri.Arjun K., Assistant Professor in the Department of Civil Engineering attended IUCEE International Engineering Educator Certification program - Spring 2024.
- ✚ Dr.G.Saravanakumar, Professor and Dr. Anil Chandra A.R., Assistant Professor in the Department of Mechanical Engineering attended the 'AICTE-QIP PG Certificate Programme on Machine Learning' organised at Indian Institute of Science, Bengaluru.
- ✚ Mrs. Nisha P.G., Research Scholar in the department of Physics published a research paper titled, 'Influence of seasons and environmental variables on methane dynamics in the Muthukuda Mangrove sediments of Tamil Nadu' in International Journal of Environmental Biology, Volume 45 Issue 4 July 2024 pp. 438-445, Q3 Journal, Online p-ISSN: 0254-8704 • e-ISSN: 2394-0379, Impact factor 6, DOI: <http://doi.org/10.22438/jeb/45/4/MRN-5213>

July 2nd, 2024

- ✚ Dr.Tamal Jana, Assistant Professor, Department of Aerospace Engineering co-authored and published a research article titled, "Impact of Vortex Generators' Location on Supersonic Asymmetric Jet Control" in the Journal of Applied Fluid Mechanics, 17(9), pp. 1955-1966. <https://doi.org/10.47176/jafm.17.9.2543>

- ✚ The Department of CSE(ICB) conducted a Hands-On workshop on 'Mastering ESP32'. The workshop was conducted by Dr.Badari Nath K., an esteemed Industry Consultant at Microlab Instruments, Robotic Entertainment renowned for his expertise in the field. The workshop provided a platform for the participants to enhance their skills and deepen their understanding of ESP32, empowering them to tackle real-world challenges with confidence.



- ✚ Dr.Darshan C. Sekhar, Assistant Professor in the department of Civil Engineering was invited to deliver a talk on 'Basic Math skill' for the frontline Supervisors at Larsen & Toubro Corporate Technology & Engineering Academy (C-TEA) KIADB Industrial Area, Mysore.
- ✚ BMSCE Table Tennis Men team emerged as Champions in both VTU Inter Collegiate Bengaluru Central Division & State Level Table Tennis Championship 2024-25 organized at B.M.S.College of Architecture and Vidyavardhaka College of Engineering,



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Mysuru during July 1st-2nd & 18th - 19th, 2024 respectively.



- ✚ BMSCE Table Tennis Women team secured Runners-up position in VTU Inter Collegiate Bengaluru Central Division Table Tennis Championship 2024-25 organized at B.M.S. College of Architecture during July 1st & 2nd, 2024.



July 3rd, 2024

- ✚ Dr.Murugendrappa M.V., Associate Professor, Department of Physics co-authored and published a research paper titled, 'Investigation on the Influence of Solvents Environment on the Optoelectronic Properties of the

Fluorescent Probe 1,3,4-Oxadiazole Analogues: A Combined Theoretical and Experimental Study' in Springer: Journal of Fluorescence, Q2 journal with impact factor 2.6, <https://doi.org/10.1007/s10895-024-03822-6>

- ✚ ISRC and Department of Biotechnology initiated the 2nd unit of SWM centre (NIRANTHARA). Dr.Bheemsha, Principal, inaugurated the Composite Processing Unit. Dr.L.Ravikumar, Vice Principal(Academics), Dr. Chandraprasad, HOD of Biotechnology, Dr.D.N.Sujatha, Professor, Department of Computer Applications & Coordinator of ISRC, faculty, staff and students graced the occasion.



- ✚ Dr. Darshan C. Sekhar, Assistant Professor in the department of Civil Engineering was invited to deliver a talk on 'Basics of Foundation' for frontline Supervisors at



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Larsen & Toubro Corporate Technology & engineering Academy (C-TEA) KIADB Industrial Area, Mysore.

July 4th, 2024

- Dr. Jayanthi K Murthy, Associate Professor, Department of Electronics and Communication Engineering was invited to deliver a talk on 'Glimpses of satellite Communication' at Dayanand Sagar College of Engineering, Bangalore for the 4th semester students of BE(ECE).



- Sri.R.V.Raghavendra Rao, Assistant Professor, Department of Computer Applications & faculty placement coordinator organised placement club activities for 2nd Semester MCA students. He apprised the students about the entire placement process, preparing for tests and interviews, significance of stress management along with the technical skills, problem-solving abilities and analytical thinking.

During the session, HackerRank platform was chosen to solve difficult problems.



- Dr. B.L. Suresha, Head, Department of Physics attended Academic Performance Evaluation Committee (APEC) meeting organised at SJGIT, Chikkaballapura as a subject expert.

July 5th, 2024

- Dr. Y.K. Suneetha, Professor & HOD, Dr. Hariprasad Uppara, Assistant Professor, Department of Chemical Engineering et.al co-authored and presented a paper titled, 'Development of pectin-based bioplastic films - An approach towards Sustainable Development Goals' in 4th International Conference on Waste, Energy and Environment held during July 3rd-5th, 2024 organized by Center for Waste Management - IRC, Sathyabama Institute of Science and Technology, Chennai. The book of the abstract was published with ISBN No: 978-93-83409-91-4.



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✚ Dr. Nagashree K. L and Dr. Manjunatha S., Assistant professors in the department of Chemistry co-authored and published a research paper titled, 'Solution combustion synthesis of Ag decorated CeO₂ nanocomposite for the reduction of nitroaromatic compounds' in an International Journal, 'Inorganic Chemistry Communications' (Q1), Vol.168, July 2024, PP:112858. Online ISSN:1879-0259, <https://doi.org/10.1016/j.inoche.2024.112858>

✚ The Department of CSE in association with <CodeIO/> conducted a workshop on 'Git and version control' for UG students. The resource person was Sri.Kratharth Hegde, Software Engineer at Qualcomm. Around 50 UG students from various departments participated in this workshop.



✚ Dr. Murugendrappa M. V., Associate Professor, Department of Physics was nominated as a member of the Expert Committee for Pre-Ph.D Registration at VTU. The interviews for the eligible candidates were conducted using Video Conferencing mode.

✚ Dr. D. N. Sujatha, Professor, Department of Computer Applications was invited as chief guest for the inauguration of IEEE Computer Society at Dayananda Sagar College of Engineering, Bengaluru.



July 6th, 2024

✚ Two months internship program on Networking conducted by Sri.Samba Murthy, General Manager, Vigven Technologies for the 6th semester students of department Electronics and Telecommunication Engineering was successfully concluded.





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✚ Dr. D. N. Sujatha, Professor, Department of Computer Applications was invited as Chair during IEEE Data and Storage Symposium at Hewlett Packard Enterprise, IEEE Computer Society, Bangalore Chapter.



Industry/Academia/Research institutes like IISc, ISRO, Central Power Research and prominent companies. The students demonstrated their work to the experts. All the projects were well appreciated by the experts.



✚ BMSCE honors final-year UG engineering students who have worked on real life good problems demonstrating innovative thinking and a commitment to societal responsibility in their project work.

Towards this process,

- As the first step, 3 best projects would be collected from each Department.
- In the next step, all these projects would be evaluated at the Institute level by the concerned experts from Industry, academia and research institutes to select 3 best projects among these projects.

At the institute level, the evaluation of the students' projects of 2023-24 batch were done by the experts from



Based on the Evaluation, this time, best 5 projects were selected for 3 positions and the details are mentioned hereunder:



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'Smart Tool Vault: The Machinist's Library' by Mr.Chetan S Harihar, Mr.Kushal M., Ms.Kusuma Y. and Mr.Prathap J., from department of EIE under the guidance of Sri.Kumar D, Assistant Professor, Department of Electronics & Instrumentation Engineering secured first place .

'Electrically Compact multi octave antenna system for 5G smartphone' by Mr.Pavan S.Murthy and Mr.Kshama U.Marathe from the department of ECE under the guidance of Dr.Karthikeya G.S., Assistant Professor, Department of ECE secured second place.

'Design and development offixed wing Micro UAV and parametric estimation through flight testing' by Mr.Abhishek P.Kolur, Mr.Anul Shetty, Mr.Nishanth Gowda M., Mr.Rahul N.G.,Mr.Shree Charan Bhat and Mr.K.L.Sriharsha Patil from department of Aerospace Engineering under the guidance of Dr.K.N.Ramakrishna, Visiting Professor & Dr.Rammohan Y.S., HOD-Aerospace Engineering secured second place.

'Engineered Hydro char for removal of hexavalent chromium synthesis, characterization and performance evaluation' by Ms.Bhoomika Chegu Vinay, Mr.Malhaar Koparkar, Ms.Ojaswini A.Sastry and Mr.Swathi M.Wadavi from department of Chemical Engineering under the guidance of Dr.Sainath K, Assistant Professor, Chemical Engineering &

Dr.Prathima B., Assistant Professor, Civil Engineering secured third place.

'Comparative Studies on the Marshall Properties of Bituminous Concrete Mix using Bio-Bitumen and Additives (GGBS and Lime) by Mr.Bhuvan Kumar R.H., Mr.Harikiran U.S., Mr.Tejas Reddy and Mr.V.Vanshi Krishna A., from department of Civil Engineering under the guidance of Dr.K.Ganesh, Professor, Civil Engineering secured third place.

The winners would be felicitated .

July 9th, 2024

- Dr. A. Satya Nandini, Professor and Dr.Prathima Bhat, Associate Professor, department of MBA were invited as Guest Speakers for one-day Faculty Development Programme on 'Achieving Academic Quality: Insights into NBA Accreditation Process' organized at RNS Institute of Technology .



July 10th, 2024

- The Department of CSE in association with <CodeIO/> conducted AI Verse workshop followed by Codeathon during July 10th,



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11th and 12th July 2024. Around 30 UG students participated in the Codeathon.



✚ Dr.Rajeshwari B.S., Smt.Namratha M., Assistant Professors, CSE and Dr.Jyothi S Nayak, HOD-CSE along with UG students, Ms.Jayanti R Lahoti, Mr.Jathin S N, Mr.Vamshi Krishna M and Ms.Mallika Prasad published a paper titled, 'Multi-class waste segregation using computer vision and robotic arm' in PeerJ Computer Science(WoS-Q2 journal), DOI 10.7717/peerj-cs.1957.

✚ The research papers as cited below were presented in the 2nd International Conference on Recent Advances in Fluid Mechanics and Nanoelectronics (ICRAFMN - 2024) organised by Manipal University, Jaipur in association with Manipal Institute of Technology Bengaluru, NIT Uttarakhand, University Malaysia Phang Ai- Sultan Abdullah, Malaysia, & Kasetsart University, Thailand during July 10-12, 2024.

(a) Dr. Anthony Christy Melson, Assistant Professor in the Department of Mathematics presented a paper titled, 'Linear Instability Analysis of Convection in Viscoelastic Ferroliquid with Time - periodic Vertical Oscillations'.

(b) Dr. Meghana J, Assistant Professor, Department of Mathematics presented a paper titled, 'Effect of sinusoidal and non-sinusoidal two - frequency rotation modulation on Rayleigh-Benard Ferroconvection in Boussinesq - stokes suspension'.

(c) Mrs. Shazia P.A., Assistant Professor, Department of Mathematics presented a paper titled, 'Nonlinear Rayleigh-Benard convection in a rotating dielectric liquid under time-periodic boundary temperature'.

(d) Dr.Gayathri M.S., Assistant Professor, Department of Mathematics presented a paper titled, 'Study of MHD Nanofluids Boundary layer flow past stretching surface placed in porous media' and was awarded as Best paper.

✚ Dr. H.R. Prakash, Assistant Professor, Department of Mechanical Engineering attended Mental Health Programme under the Mission of National Health Programme organized by BBMP at R.V. College of Nursing, Jayanagar, Bengaluru.

✚ The ASHRAE-BMSCE Student chapter was installed in BMSCE Campus in the presence of Bangalore ASHRAE Chapter



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members, Student Chapter members and adviser Sri. Mohan Rao, Student Activity Chair, ASHRAE Bangalore chapter, faculty members and students. The investiture ceremony was conferred by Sri. T. Mohan Rao. Dr. Sudarshan B., Assistant Professor in the department of Mechanical Engineering was nominated as Chapter advisor to guide and advice the chapter activities from the institute. The event was followed by a technical talk on 'Role of HVAC and IoT/AI in Net-Zero Journey' by Sri. Jayesh Jain, Co-founder of MD-Thermelgy. Fourth Semester students of Mechanical Engineering attended the program.



- Dr. Kaliprasad C S, Assistant Professor, Department of Physics participated in the DAE-BRNS sponsored 11th biennial symposium on 'Emerging in Separation Science and Technology (SESTEC-2024)' organized by Bhabha Atomic Research Centre, Mumbai in association with HSNC

University, Worli, Mumbai and Association of Separation Scientists and Technologists (ASSET) and presented a paper on 'Measurement of radon activity concentration in water in the region of Chikkaballapura district, Karnataka'.

July 11th, 2024

- The College Internal Complaints Committee (CICC) members conducted awareness program across the departments.



- Around 60 sixth semester students from the department of Aerospace Engineering visited the Aerodrome facility at Jakkur. Dr.Gnanendra, Dr. Chethana K Y, Dr.Kishore Kumar K, and Dr. Tamal Jana, Assistant Professors in the department accompanied the students. The visit provided an exceptional opportunity for the students to gain knowledge about aircraft systems and operations. The students had the privilege of closely observing the Hansa and Cessna aircraft.



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The technical staff and the Quality Manager at Jakkur Aerodrome guided the students through the facility, offering detailed explanations and insights into the construction and operation of the aircraft.



Java and Python'. During the session, the second semester MCA students, who participated in interview process shared their experiences.



Department of Electronics and Instrumentation Engineering organized Lecture series on 'Implementing Real Time Embedded Solutions using Microcontrollers' by Sri. Anand Swaroop Garg, R&D Head, Sense ops Tech Solutions. Dr. Veena N. Hegde, Professor and Sri.Krishna Murthy K.T., Assistant Professor in the department coordinated the event.



Placement Club, Department of Computer Applications organised a session on 'coding problems from Hackerrank' in order to ease out the coding questions usually asked during placements.



July 12th, 2024

Placement Club, Department of Computer Applications conducted a session on 'data types and basic programming constructs of

Dr.Monika Puttaramaiah, Assistant Professor, Dept. of Machine Learning (AI&ML) was invited as speaker by UNIK 360 - Chai with Champions, to deliver a talk titled, 'AI-Deep Learning Techniques and Applications'.



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✚ The Department of Civil Engineering organized a field visit to BWSSB Water Treatment Plant at T.K.Halli, Malavalli Taluk, Mandya for fourth semester students in the department as a part of their curriculum. Dr.Asha, Dr.Priya, Sri.Arjun K., Sri.Manjunath N.K and Dr.Geetha Kuntoji, Assistant Professors in the department accompanied the students.



conducted by the NSS volunteers aimed to provide the children with essential digital literacy, helping them gain foundational knowledge to effectively use computers. The event saw active participation and was a significant effort towards enhancing digital literacy within the community.



✚ Dr. A N Nagashree, HOD-EEE and Dr.Prema V., Associate Professor, Dept. of EEE chaired session for the track, 'Power, Energy & Electric Vehicles' during the international conference, CONECCT 2024 held at Indian Institute of Science, Bangalore

✚ Dr. Rudra Naik, Professor, Department of Mechanical Engineering attended the 18th BOS Meeting of the Mechanical Sciences Board at SNS College of Technology, Coimbatore.

✚ The NSS unit of the college organized a Computer Basics teaching class at Srinagar Government School. The session

✚ BMSCE Badminton Men & Women teams secured Runners-up position in both VTU Inter Collegiate Bengaluru Central Division & State Level Badminton Championship 2024-25, organized by Cambridge Institute of Technology, Bengaluru & P.E.S. College of Engineering, Mandya during July 8th-9th & 11th -12th, 2024 respectively.





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✚ BMSCE Powerlifting Women team secured Fourth Place in VTU State Level Powerlifting Championship 2024-25, organized by New Horizon College of Engineering, Bengaluru on 11th & 12th July 2024. Team secured 1 Gold & 1 Silver.



July 13th, 2024

✚ Dr. Rajath Vasudevamurthy, Assistant professor, Department of Electronics and Communication Engineering chaired two sessions at the 10th International Conference on Electronics, Computing and Communication Technologies, IEEE CONECCT 2024 organized by IEEE Bangalore section at IISc, Bangalore.

July 14th, 2024

✚ Dr. Ashwini Appaji, Alumni Relations Manager received outstanding volunteer award during CONECCT 2024 organised at IISc for her outstanding contribution at the 10th International Conference on Electronics, Computing and communication.

✚ The NSS volunteers volunteered in the conduction of "Nayi Udaan," an event hosted at the college for students who want to study abroad.



✚ Dr. Karthik Kumara, Assistant Professor, Department of Physics co-authored & published a research paper titled, 'Crystal structure, supramolecular features and antibacterial activities of a Cu(II) Schiff base complex using a bidentate N2O2 donor Schiff base ligand' in Journal of Molecular Structure, Impact factor - 4, Q2 journal, 14 July 2024, Pg Nos 139264.
<https://doi.org/10.1016/j.molstruc.2024.139264>

✚ Dr. Karthik Kumara, Assistant Professor, Department of Physics co-authored & published a research paper titled, 'Structural and computational exploration of zwitterionic and quinoidal forms in Schiff base compound' in Journal of



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Molecular Structure, Impact factor - 4, Q2 journal, 14 July 2024, Pg Nos 139289.

<https://doi.org/10.1016/j.molstruc.2024.139289>

- ✚ Dr. Manjunatha S.O., Assistant Professor, Department of Physics co-authored & published a research paper titled, 'Exploring the impact of Sm^{3+} doping on the structural, optical, and photocatalytic properties of ZnAl_2O_4 spinels', Ceramics International (2024) (In Press) with impact factor **5.2**, **SJR: Q1**, ISSN 0272-8842 (print) 1873-3956 (Electronic) **DOI:** <https://doi.org/10.1016/j.ceramint.2024.07.136>

July 15th, 2024

- ✚ Sri.Ramesh M Chalkapure, Assistant Professor, Department of Mechanical Engineering attended two-week Industrial training program on 'NX CAD and CAE' at GTTC, Bengaluru during July 15-29,2024.

- ✚ The NSS volunteers, Ms.Dhanushree M, Ms.D.Kavya and Mr.Teja from the department of Biotechnology along with Mr.Vishnu Prasad and Ms.Chaitra from the department of Aerospace Engineering attended a nature camp at Bandipur, organized by Yuvaka Sangha in collaboration with the Environment Management and Policy Research Institute during July 15-17,2024. The camp was part of an environmental education program supported by the Ministry of

Environment, Forest and Climate Change, Government of India.



July 16th, 2024

- ✚ R & D Project from DRDO-GTRE with grants of around Rupees Twenty-Two Lakh has been sanctioned to the following members for the project titled, 'Curvic coupling preloading and friction coefficient evaluation for small gas turbine engine'
Dr. G. Giridhara , HOD,Mech.Engg- PI,
Dr. H. M. Shivaprasad,Asso.Prof. – Co PI
Dr. V. Arunkumar, Adjunct Prof.– Co P



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✚ VarAlance club of AI and DS hosted an engaging event titled, 'Level-Up' at the AI&DS lab. This fun, game-based competition featured a variety of trivia categories and interactive activities such as Cipher, AI, Pop Culture, Gaming, and more.



✚ Dr. Sudarshan B., Assistant Professor in the Department of Mechanical Engineering has been selected as an editorial member of American Journal of Aerospace Engineering for the next 3 years from 16 July 2024 to 16 July 2027.

✚ Dr.Chethana K Y, Assistant Professor, Department of Aerospace Engineering co-authored & published a research paper titled, 'A Study of Mechanical and Wear Behaviour of SiC-CeO₂ Reinforced Al7075 Hot Rolled Hybrid Composites', Archives of Metallurgy and Materials 69 (2024), 3, 903-910, SCIE, DOI: <https://doi.org/10.24425/amm.2024.150910>.

✚ Dr. Rajeshwari Hegde, Professor and Head, Department of Electronics and Telecommunication Engineering was invited for the meeting as an external BoS member at the Department of Electronics and Communication Engineering, Nitte Meenakshi Institute of Technology, Bengaluru.



✚ Dr. Tamal Jana, Assistant Professor, Department of Aerospace Engineering co-authored and published a research article titled, 'An Investigation on V-Notch Controlled Asymmetric Supersonic Jet' in the International Journal of Aeronautical and Space Sciences (IJASS). <https://doi.org/10.1007/s42405-024-00785-7>

✚ Department of Physical Education & Sports of the college organized VTU Inter Collegiate Bengaluru Division and State Level Chess Men & Women Championship 2024 during July 16th-19th, 2024 . BMSCE Women team secured Runners-up position in Bengaluru Division & 4th Place in State Level and BMSCE Men team



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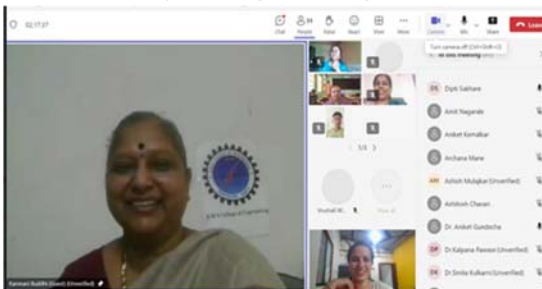
secured 2nd Runners-up position in Bengaluru Division.



July 17th, 2024

Dr. Kavitha Sooda, Professor, Department of CSE, attended GAME-ARTS Symposium organized by IISc, Bengaluru. The talks included the application of game theory into varied domain. Invitees from foreign university, delegates from academia, industry participated in the Symposium.

Dr. B.Kanmani, Professor, Department of Electronics & Telecommunication Engineering was invited to conduct the Workshop (online mode) on, 'Effective implementation of OBE', for the faculty of MIT Academy of Engineering, Alandi, Pune



July 18th, 2024

The Department of Electronics and Telecommunication Engineering organized a meeting with Nokia experts to discuss about collaborative project on Self organizing Network.



Placement Club, Department of Computer Applications conducted a session focused on enhancing Python and Java programming skills. The session aimed to assess the foundational knowledge of the students through practical exercises and MCQ tests tailored to each language. A Coding session, solving variety of problems selected from HackerRank and Public Speaking Session were also conducted for second semester MCA students.





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✚ Dr. Ram Rohit V., Assistant Professor, Department of Mechanical Engineering presented a paper titled, 'Exploring the Industrial Transformation: From Industry 4.0 to Dark Factories' at the 5th International Conference on Sustainability, Leadership, and Technology: Towards a Better Tomorrow organized by S. P. Mandali's, Prin. L.N. Welingkar Institute of Management Development and Research (WeSchool) Mumbai during July 18-19,2024.

July 19th, 2024

✚ The faculty Inventors, Dr. Y. K. Suneetha, Prof. and HOD- Chemical Engineering and Mrs. Shabnam Siddiqui, Assistant Professor, Department of Chemical Engineering are successful in updating the status of the collaborated work between CMTI and BMSCE to the level of the Transfer of Technology available to the public for industrialization.



✚ Dr. Veena N. Hegde, Professor, EIE co-authored and published a Book chapter titled, 'Prosthetic Arm for Rehabilitation Robotics' in New Age of Robotics and Modern Computer Vision Advances, Innovations and Applications, Central

West Publishing, Australia © 2024, ISBN (print): 978-1-922617-59-0.

✚ Dr. G. Giridhara, Professor & Head, Department of Mechanical Engineering was invited as a resource person for Three-day Workshop for Principals, Controllers of Examinations, Academic Coordinators and IQAC Coordinators of the Autonomous Colleges in the State of Andhra Pradesh, Rajahmundry. He delivered lecture on the topic, 'Continuous Internal Assessment (CIA)'.

✚ Dr. Murugendrappa M.V., Associate Professor, Department of Physics participated in the Board of Studies meeting regarding First Year Syllabus of Applied Science and Humanities convened at Bapuji Institute of Engineering & Technology, Davanagere.

July 20th, 2024

✚ NSS volunteers organized a plantation drive at Srinagar Government School premises. The volunteers actively participated in planting trees, enhancing the school's green cover and fostering a sense of environmental responsibility among the students and staff of the school.





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✚ The NSS volunteers of the college participated in the event, 'Repulse' organized by Yuvaka Sangha and also supported in the conduction of various activities of the event.



✚ Dr. Ashwini Appaji, Alumni Relations Manager was invited to attend the All India Secretary & Treasurer Conclave hosted by IEEE Madras Section at MGM, Mahabalipuram, Chennai on 20th & 22nd July 2024.



✚ Dr. Kavitha Rani N., Assistant Professor, Department of IEM participated in GTTC training program on 'CNC and Robotics' for a period of 2 weeks from 08.07.2024 to 20.7.2024 conducted at Govt. Tool Room & Training Centre, Bengaluru.

July 21st, 2024

✚ Dr. Rajeshwari Hegde, Professor and Head, Department of Electronics and Telecommunication Engineering organized an online meeting with Sri.Saurabh Suman Choudhury, Vice President, SAP, America and an alumna of the department, Ms.Priyadarshini G, Program Director, Gitopadesh course, Heartfulness Research Institute to discuss about organizing a Faculty Development Program on



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Management Paradigms from during July 21-23, 2024.
Bhagavadgeetha.



✚ Dr. Rajeshwari Hegde, Professor and Head, Department of Electronics and Telecommunication Engineering co-authored papers titled, 'Heartfulness, Yogic Life-style and Wellbeing, in the context of teacher-student relationship' and 'Integrating Heartfulness in Architecture Education: Drawing from Indian Knowledge Traditions for the 21st Century' presented in the International Conference on Reimagining Teacher-Student Relations in the Context of Indian Knowledge Traditions: Exploring Ancient Wisdom for Contemporary Education.

✚ Dr. R. Jayagowri, Professor, Department of Electronics and Communication Engineering was invited as 'Tutorial co-chair' and 'IEEE Liason' for the 8th edition of International Test conference-India, 2024 organised at Radison Blu, Bangalore

July 22nd, 2024

✚ Mrs. Shabnam Siddiqui and Dr. Sainath K, Assistant Professors in the Department of Chemical Engineering along with the student, Mr. Prakyath Prakash Thalya in collaboration with Dr. Sumana Sinha, Associate Professor at NITTE Meenakshi Institute of Technology, Bengaluru, published a research article titled, '*Computational intelligence modelling of methylene blue adsorption by metal-organic frameworks*' in the journal *Indian Chemical Engineer*, a Q4 journal indexed in the Web of Science. DOI: 10.1080/00194506.2024.2370861.

✚ Department of Physical Education & Sports organized Intra Mural matches in Badminton Doubles, Table Tennis, Cricket, Throwball & Volleyball for PG Students



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during July 22-23, 2024.



participants for their involvement in the NSS activities.



July 23rd, 2024

✚ Dr. Reshmi Devi T V, Associate Professor in the department of Civil Engineering attended Training of Trainers (TOT), a Training Programme on Mastering Disaster in Climate Change: Disaster Risk Reduction through Resilient Water Resource Management sponsored by Ministry of Jal Shakti of India.

✚ The NSS unit of the college organised a felicitation program. Dr. Sujatha, NSS Program Officer felicitated the winners of the various events conducted and also the

✚ Dr. Darshan C Sekhar, Assistant Professor was invited to deliver a talk on 'Advanced Foundation Engineering' for the frontline Supervisors at Larsen & Toubro Corporate Technology & engineering Academy (C-TEA) KIADB Industrial Area, Mysore.

✚ Dr. A.N.Nagashree, HOD-EEE, Dr. Usha A., Associate Professor, EEE & Dr.Geetha R S., Professor, EEE visited CENTUM 2024 ELECTRONICS Ltd., to review the project work carried out by 4th semester M.Tech Power Electronics students.





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July 24th, 2024

- Dr. Rajeshwari Hegde, Professor & Head, Department of Electronics and Telecommunication Engineering attended a meeting with Dr. Prasad Krishna Director, NIT Calicut, Dr. Hemalatha Reddy, principal of Sri Venkateswara College, New Delhi (Retd), Dr. Pariplavi Mokkapati, Professor and Head of Department at Directorate of Medical Education, Govt of AP / TS (Retd), Dr. Balasubramanian G., Senior Professor at Executive Education - IFMR GSB, Krea university organised at Kanha Shantivanam, Hyderabad to discuss the curriculum design on Universal Human Values and Personality Development courses.



- Smt. Swathi Sridharan, Assistant Professor in the department of CSE presented a paper titled, 'Exploring connected dominated sets for Efficient Document search in Peer-to-peer networks' in the second IEEE International conference on Advances in Information Technology-ICAIT-24 organised at Adichunchanagiri Institute of Technology during July 24th - 27th, 2024.

July 25th, 2024

- The Department of Management Studies & Research Centre organized a guest lecture on 'Intellectual property rights' for the II Semester MBA students. The speaker was Dr. Pratima Narayan, a Lawyer, mediator and Co-founder of Techlawlogi Consulting LLP, a law firm based out of Bengaluru. Her expertise lies in areas of Information Technology law, Intellectual Property Rights, Commercial contracts, Consumer law and Alternative Dispute Resolution.



- Ms. Ananya Rao, final year MCA student conducted an informative session regarding placements and provided valuable insights into the upcoming placement opportunities to second semester students. During this, coding challenges were designed to assess logical thinking and coding proficiency of second semester students.





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✚ Placement Club, department of Computer Applications conducted a session on conveying the technical words with actions and related words to enhance domain knowledge. During the session, quiz was conducted on programming language (python).



July 26th, 2024

✚ Dr. Prasanna Kumar MK, Sri.B.Shreenivas, Assistant Professors in the department of ETE and 7th semester students, Mr.Harsha, Mr.Tejas & Mr.Prajwal were invited to Nokia office to discuss about the project to be carried out by the students.



July 27th, 2024

✚ Dr.Rajeshwari Hegde, Professor and Head, Department of Electronics and Telecommunication Engineering chaired a session(online) in the 2nd IEEE International Conference on Data Science and Network Security organized by Kalpataru Institute of Technology, Tiptur.



✚ Dr.B.Kanmani, Professor, Department of Electronics & Telecommunication Engineering was invited to conduct one day Workshop on, 'Effective implementation of OBE', for the faculty of the college organized at Karpagam College of Engineering, Coimbatore.





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- ✚ The Melton fellows painted the Melton Foundation room in the college with vibrant mural as part of the GCC activity! This event was fun and also a creative project. Senior Fellow, Ms.Harshinee Rajkumar led the team.



meeting convened at EEE Dept., Dayanand Sagar College of Engineering, Bengaluru.

July 28th, 2024

- ✚ Dr. Umadevi V, Professor, Department of CSE was invited to give a technical talk on the topic, 'K-Nearest Neighbours (KNN) and Neural Networks (including Deep Learning)' as part of Faculty Development Program (FDP) on the theme, 'Mathematical Approach to Artificial Intelligence and Machine Learning' organised at PSG Institute of Technology and Applied Research, Coimbatore.



- ✚ NSS volunteers participated in the 'Move to Access' walkathon, organized by Yes to Access in collaboration with the Government of Karnataka, the Association of People with Disability and Ramaiah Law College.



- ✚ Dr. Geetha R S., Professor in the department of EEE attended the BOS



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July 29th, 2024

✚ The Department of Civil Engineering in association with ISTE and Global Infotech Organized “One Week Hands-On Faculty Development Programme on ‘BIM Applications in Civil Engineering & Construction’ during July 29th – Aug. 2nd, 2024. Sri. Vinay Gowda & Sri.Deepak B.C., Assistant Professors in the department coordinated the event.

✚ The Dept of Civil Engineering organized a guest lecture on ‘Prefab & Precast Technology in current World’ by Er. Madan Madhav Rao, Director, Technical & Strategy, Control Bites Safety, Consulting LLP, Bengaluru for the benefit of M.Tech(Transportation Engg) students. Dr.Manjunath R., Assistant Professor in the department coordinated the event.

✚ Dr. G. Giridhara, Professor & Head, Department of Mechanical Engineering delivered a talk on ‘OBE: Role of Research in Education’ in a five-day faculty Development Program on Outcome Based Education (OBE) organised at G. Pulla Reddy College of Engineering, an Autonomous College, Kurnool, Andhra Pradesh during July 29-30,2024.

July 30th, 2024

✚ The Department of Civil Engineering organized a guest lecture on the topic,

‘Current Trends in Transport Infrastructure Systems’ by Er.Madan Madhav Rao, Director, Technical & Strategy, Control Bites Safety, Consulting LLP, Bengaluru for the benefit of M.Tech (Construction Technology) students. Dr.Manjunath R., Assistant Professor in the department coordinated the event.

✚ Dr. R. Suresh Kumar, Associate Professor, Department of Mechanical Engineering delivered a talk on OBE in a five-day faculty Development Program on Outcome Based Education (OBE) at G.Pulla Reddy College of Engineering, Kurnool, Andhra Pradesh.

July 31st, 2024

✚ Dr.Sharanabasavaraja, Dean (Training & Placement), Dr.Siddappaji, HOD-E&C, Dr.Indiramma M., HOD-AI & DS and Dr.K.R.Sudhindra, Associate Placement Officer attended the Academia Conclave at Daimler Truck Innovation Center India (DTICI) situated at white field,Bengaluru. The conclave aimed to bridge the gap between academia and industry, fostering innovation and collaboration.





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✚ Mr.Ramchandra Ballary, research scholar in the department of Electronics and Telecommunication Engineering under the guidance of Dr. Rajeshwari Hegde, Professor & HOD-EET published a paper titled, 'An analysis of energy-efficient clustering algorithms for Wireless Sensor Networks (WSNs)', in the Advanced Engineering Science journal (scopus indexed).

has been completed with Elite Certificate.

✚ Dr. Shivakumar R., Associate Professor in the Department of Chemical Engineering in association with Mrs.Manjula, Assistant Professor in the Department of Information Science and Engineering published an Indian patent titled, 'A system and a method for waste disposal and segregation for bio-oil extraction'.

✚ The following employees who retired from the service at the college on 31st July 2024 on attaining the age of superannuation were felicitated.

- Dr.R.V.Ranganath, Professor, Dept. of Civil Engg
- Sri.N.Ramanjinappa, SDA, Library



✚ Dr.Gnanendra P.M., Assistant Professor, Department of Aerospace Engineering participated in the FDP activity conducted on 'Combustion of Solid Fuels & Propellants', by Prof. Srinibas karmakar, Department of Aerospace Engg, IIT Kharagpur. The NPTEL course