



B.M.S. COLLEGE OF ENGINEERING, BENGALURU

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REPORT ON COLLEGE ACTIVITIES – JANUARY 2024

January 1st, 2024

- Department of Electronics and Telecommunication Engineering organized a talk on 'Multiple Access Techniques for 5G' by Dr. Feroz Morab, Assistant Professor, Department of ECE for the benefit of 7th semester students in the department.



- Smt.Anushalalitha T., Assistant Professor in the department of Electronics & Telecommunication Engineering along with the students, Mr.Pranav Simha R., Mr.B.N.Raghuttama, Ms.Amulya V., Mr.A.Naik., Ms.Bhuvana Bharadwaj K., (2023) published a paper titled, 'Hardware Project Building Skills'. In: Auer, M.E., Langmann, R., Tsiatsos, T. (eds) Open Science in Engineering. REV 2023. Lecture Notes in Networks and Systems, vol 763.Springer,Cham. https://doi.org/10.1007/978-3-031-42467-0_84

January 2nd, 2024

- BMSCE team received the IUCEE Plaque towards recognition of BMSCE as one of the IUCEE Consortium member during the Eleventh International Conference on Transformations in Engineering Education (ICTIEE 2024) held at KLE Technological University, Hubballi in association with Indo Universal Collaboration for Engineering Education (IUCEE) during January 2nd - 4th, 2024.



- Smt.Namratha M., Dr. Rajeshwari B S and Dr. Selva kumar S., Assistant Professors in the Department of Computer Science and Engineering received IGIP Award from Indo Universal Collaboration for Engineering Education (IUCEE) at ICTIEE 2024 conference.

January 3rd, 2024

- Dr. Gauri Kalnoor, Assistant Professor, Department of Computer Science & Engineering along with a Post-Graduate



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Student, Mr.Shreyas Shrinivas Kalal published a paper titled, 'Alzheimer's Disease Detection from Brain MRI and Speech Spectrogram using Deep Learning' in Gradiva Review Journal, indexed in Web of Science and UGC Care Group 2 Journal, Q4.

✚ Dr. B. Kanmani, Professor, Department of Electronics & Telecommunication Engineering was the Resource Person for the workshop on, 'Experiential Learning for Engineering Concepts using Python', conducted as a part of the Eleventh International Conference on Transformations in Engineering Education (ICTIEE 2024) held at KLE Technological University, Hubballi in association with Indo Universal Collaboration for Engineering Education (IUCEE) during January 2- 4, 2024.



January 4th, 2024

✚ Dr.B.Kanmani, Professor, Dept. of ETE, Dr.Abhishek Appaji, HOD-R&D, Dr.Shambhavi, HOD-CSE(DS) and Smt.T.Anushalalitha, Assistant Professor, Dept. of ETE were awarded ICTIEE 2024 Teaching and Learning Award during the Eleventh International Conference on Transformations in Engineering Education (ICTIEE 2024) held at KLE Technological University, Hubballi in association with IUCEE during January 2- 4, 2024.



✚ Mr.Abinav Dhmane, Mr.Siddanth Nair and Mr.Raunak Basu, 2023 graduated students of the Department of ETE under the guidance of Dr. Rajeshwari Hegde, Professor & HOD-ETE secured 4th place in the IUCEE Annual Student Forum (IASF) Student Project exhibition organised at KLE Technological University, Hubballi for the project titled, "IoT Based Hydropoinc System".



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- Academic Audit of the departments were conducted by the Internal Audit Committee.



- Placement Club of Department of Computer Applications conducted coding challenge on Hacker rank. Students were given to solve a problem based on data structures in any preferred programming language.



- Dr.S.B. Bhanu Prashanth, Professor in Medical Electronics was invited to deliver a talk on 'Trends in Health care, and Medical Robotics' in the event, "Bots & Things: workshop on Smart Robotics and IoT Fusion" organized for the students of the department of ECE at Dayananda Sagar College of Engineering, Bengaluru.



January 5th, 2024

- Dr. Divijndranatha Reddy, Associate Professor, department of Biotechnology co-authored & published a paper titled, "l-Asparaginase from Solanum lycopersicum as a Nutraceutical for Acute Lymphoblastic Leukemia" in ACS OMEGA, WOS Q2 journal with impact factor of 4.
- Dr. Divijndranatha Reddy co-authored & published a paper titled, "Cement-nanosilica stabilized fibre-reinforced rammed earth: compressive and flexure behaviour" in Asian Journal of Civil Engineering, a springer, Scopus indexed journal.



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January 6th, 2024

- Dr. Murugendrappa M.V., Associate Professor, Department of Physics co-authored & published a research paper titled, "Utilization of Aloevera-infused Sm³⁺ doped La₂MoO₆ nanophosphors: Their role in anti-counterfeiting, white LEDs and transport properties" in Ceramics International, Volume 50, Issue 4, January 06th, 2024 and Q1 Journal. Impact factor: 5.532, Print ISSN: 0272-8842, Online ISSN: 1873-3956 DOI: <https://doi.org/10.1016/j.ceramint.2023.12.290>
- The Ph.D viva voce of Ms. H.S. Sumantha, Research Scholar under the guidance of Dr. B L Suresha, HOD-Physics was conducted on the topic, "Synthesis and characterization of anode material for Li⁺ batteries".



- The Departments of Mechanical Engineering and Electronics & Instrumentation Engineering organised one day workshop on Arduino software and hardware (hands-on training) for the faculty members. The workshop focussed on the newly introduced course, 'Digital Twin and Ideation Lab'.
- The NSS unit of the college enthusiastically volunteered in the smooth conduction of State and National Level Quiz Competition for differently abled children organized at the college premises by SEVA IN ACTION, an NGO.





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- Dr.S.Uma, Associate Professor, Department of Computer Applications was awarded *Service Excellence Award* from the IEEE Information Theory Society(ITS), Bangalore chapter for her excellent services and commitment as Co-Chair (Industry Engagement Committee).



January 7th, 2024

- Dr. Sanjay Kumar, Assistant Professor in the Department of Chemical Engineering co-authored and published an article titled, 'Thermal evolution of a polymer–nanoparticle binary mixture' in the Journal of Physical Chemistry Chemical Physics. [Q2 journal]
DOI:<https://doi.org/10.1039/D3CP04780F>

- The NSS volunteers of the college participated in the Health Camp organized by the Beladingala Trust at Tippagondanahalli.



- Dr. D. N. Sujatha, Professor, Department of Computer Applications participated in the IEEE Communication Society, Bangalore Chapter AGM conducted at the college premises and assumed the role of chair of IEEE Computer Society Bangalore Chapter



January 8th, 2024

- The department of Biotechnology organized an industrial visit to Anthem Biosciences, Bommasandra, Bengaluru. The students gained insights into the challenges associated with identifying, isolating and developing products that meet industry standards. The complexities of large-scale production of probiotic products, including drinks



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and cosmetics were elucidated. The session delved into the lab testing processes and challenges faced in preserving probiotic organisms amid large-scale manufacturing.



- Dr. Latha Kumari, Associate Professor, Dept. of Physics co-authored and published a research paper titled, 'A Comparative Study on the Structural and Optical Properties of NiMoO₄ Nanomaterials Synthesized by Hydrothermal and Solvothermal Route' [Crystal Research & Technology](#) Q1 Journal [Volume 59 Issue 1, Page no 2300178](#), with impact factor 1.599 ISSN 02321300, 15214079 (Online)
DOI: <https://doi.org/10.1002/crat.202300178>

- The department of Mechanical Engineering in association with Mechanical Engineering Association(MEA) organised an orientation programme for III Semester

students in the department. The programme aimed at apprising the students about various initiatives and activities of the department towards skill development and enhancement. Senior student coordinators of MEA, Ms. Deepthi Bhat, Mr. Sagar Mahajan and Mr. Aditya Deb coordinated and showcased the activities. Dr. Giridhara G., Prof. & Head and Dr. H. M. Shivaprasad, Associate Professor, Department of Mechanical Engineering motivated students to involve in various activities of MEA for better team learning and leadership. Dr. Chidanand K.M., Assistant Professor, Department of Mechanical Engineering coordinated the event.



January 9th, 2024

- Dr. Sanjay Kumar, Assistant Professor in Department of Chemical Engineering, co-



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authored & published an article titled, 'Foam stability and thermo-mechanical properties of micro/nano filler loaded castor oil based flexible polyurethane foam' in the Journal of Materials Research Express. [Q3 Journal] DOI: <https://iopscience.iop.org/article/10.1088/2053-1591/ad19b1/meta>

- ✚ An Internship project proposal titled, 'Astral Narratives: Exploring Celestial Chronicles in Vedic and Allied Texts' submitted by Dr.Rajath Vasudevamurthy (as PI), Assistant Professor, Department of Electronics and Communication Engineering of the college and Sri.Sunder Chakravarty (as Co-PI), Adjunct Faculty, Centre for Ancient History and Culture, Jain University, Bengaluru, aimed at generating Wiki-type articles has been approved for funding by the Indian Knowledge Systems (IKS) Division of the Ministry of Education (MoE).

January 10th, 2024

- ✚ Dr. B.Sudarshan and Dr. Sangamesh C Godi, Assistant Professors in the Department of Mechanical Engineering attended two-days workshop on "Thermal Management Techniques Innovations and Insights" at Indian Institute of Technology, Madras during Jan.10-11,2024.

- ✚ Dr. Chandasree Das, Associate Professor in the Department of Electrical & Electronics Engineering was invited to deliver a lecture on 'R & D Funding Opportunities' at BMS College for Women.



January 11th, 2024

- ✚ Placement Club of Department of Computer Applications organized an activity mainly focused on enhancing team-building and soft skills capabilities of the students.





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- ✚ 'SINGULARITY', the Astronomy club of Department of Physics conducted an event, "Interstellar Inquiry". This was a recreational event aimed to gather participants who kept their interests in astronomy and related fields.



January 12th, 2024

- ✚ The department of Biotechnology organized an industrial visit to 3M Life Sciences Division, Bengaluru. The visit commenced with an in-depth exploration of 3M's ideation and innovation strategies, where the students observed how consumer feedback is integral to product development and innovation. A significant portion of the visit was dedicated to understanding 3M's biopharmaceutical division, with a special emphasis on the purification processes of monoclonal antibodies used in therapeutic applications. The visit to the 3M Life Sciences Division not only complemented the students' academic curriculum but also broadened their

perspective on the diverse applications of biotechnology.



- ✚ Dr. Jyothi S Nayak , HOD-CSE along with PG student, Ms. Monisha G. B., presented a paper titled, 'Detection of Online Fake Review using Deep Learning' in Eighth International Conference on Smart Trends in Computing and Communications.
- ✚ Dr. Manjunath S V, Assistant Professor in the department of Civil Engineering was honoured with Award for Outstanding Research Publication (AORP: 2022-23) in the field of Civil Engineering, presented by the Vision Group on Science and Technology(VGST), Government of Karnataka.
- ✚ The NSS unit of the college organized a live telecast of Hon'ble Prime Minister



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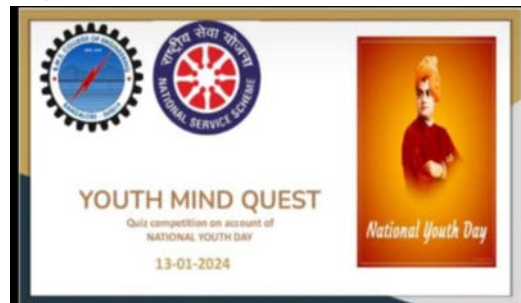
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Sri. Narendra Modi's address to the youth on account of the National Youth Day. The event emphasized the pivotal role of youth in shaping the future of the nation and encouraged active participation in fostering positive change.



January 13th, 2024

The NSS unit of the college in collaboration with Mind Body Health and Research Foundation (MBHR), organized a session on Mental Stress Relief on the occasion of National Youth Day. The students were given a small activity to assess their anxiety levels. 'Youth Quest Quiz Competition' was also organised on the occasion.



The Department of Management Studies and Research Centre organized a training programme on Prowess Database for students of 3rd Semester MBA. The participants learnt Interactive Querying using the database which would help them to collect company related data of listed and selected unlisted companies for their final year project.





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January 15th, 2024

- On the occasion of Army Day, NSS unit of the college organised fundraising event in the campus, an event providing opportunity to express gratitude towards the sacrifices made by the Army personnel. The amount collected were sent to the concerned authorities.



- Dr.Vijayakumar K., Associate Professor, Department of Computer Applications was invited as a trainer to impart AI skill builder course for BE students of Madhya Pradesh as part of IITD Outreach Sankalp program during January 15th - 30th, 2024.

- Dr.M.V.Murugendrappa, Associate Professor, Department of Physics co-authored & published a research paper titled, "Green color emitting pure cubic zirconia nano phosphor synthesized by solution combustion technique" in Journal of Nanoparticle Research, Volume 26, article number 18, (2024) Q2 Journal. Impact factor: 2.533, Print ISSN: 1388-0764, Electronic ISSN:1572-896X DOI: <https://doi.org/10.1007/s11051-023-05923-y>

January 16th, 2024

- Department of Management Studies and Research Centre organized a talk titled, 'Awareness Programme on Neurodiversity' for III semester students in the department. Dr. Rajani Padmanabhan, Dr.Malathy Krishnan, Sri.Dharma Raju Kakani, Ms.Salma from Brindavan Educational Trust Centre for Different Learning Abilities were the resource persons. The key highlights of the session were to spread awareness and



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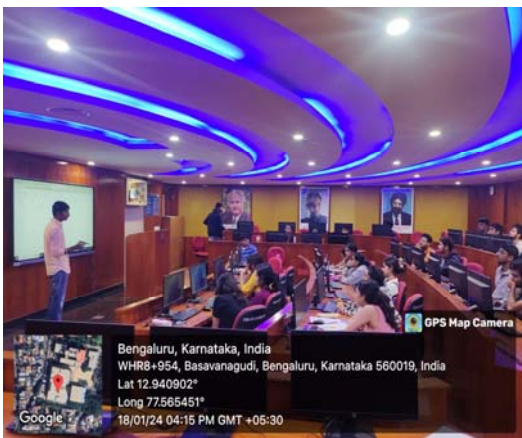
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importance of Inclusion Education in the society.



January 17th, 2024

- Department of CSE in association with IEEE BMS SB and <CodeIO/> conducted a value added course on 'Competitive Coding' for the UG students during January 17-30, 2024.



- Dr.S.Supriya, Assistant Professor, Department of Chemistry co-authored & published an article titled, 'Selective N-alkylation of amines with alcohols via hydrogen transfer catalyzed by copper complex in an ionic liquid media' in Chemical Engineering Journal Advances, Elsevier on 17 January 2024;DOI: <https://doi.org/10.1016/j.ceja.2024.100585>

- Faculty colloquium was conducted in the Department of Civil Engineering. Dr.Guruprasad Y K, Associate Professor delivered a lecture on the topic, 'Condition Assessment and Retrofitting of Distressed RC Structures'.



- Dr.B.Kanmani, Professor in the department of Electronics & Telecommunication Engg., was invited to conduct Academic Audit(online mode) on 'Course Design' and 'Defining Course Outcomes' at The School of Electronics and Telecommunication Engineering,

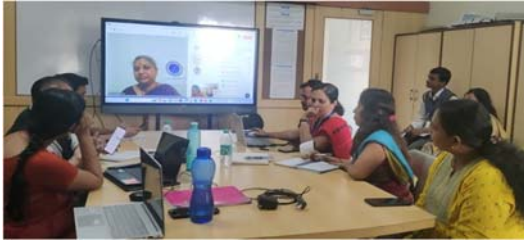


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MIT Academy of Engineering, Alandi, Pune.



The NSS unit of the college in collaboration with Basavanagudi Traffic Police organized a Road Safety Awareness Walkathon on account of National Youth Week with an initiative of fostering a safer road culture, emphasizing collective responsibility.



Department of Electronics and Telecommunication Engineering organized an industrial visit to Stellapps Technologies for the 5th semester students in the department.



Department of Electronics and Telecommunication Engineering organized an industrial visit to ISRO for the 5th semester students in the department.



The department of Mechanical Engineering in collaboration with Mechanical Engineering Association (MEA) organised a four-day workshop on 'Professional Report Writing and Presentation Skills' during January 17th-19th & 22nd, 2024. The workshop was conducted by Dr.G. Saravanakumar, Associate Professor, Department of Mechanical Engineering. The workshop



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aimed at educating students about the various aspects of effective presentation skills along with technical report writing using LATEX. A total of 35 students from V Semester Mechanical Engineering attended the workshop.



Sri.Girish K., and Dr.V.Padmapiya coordinated the event.



January 18th, 2024

✚ Mr.Prashanth S., Ms.Vismayaa Yadav BKV and Ms.Meghana R., from the Department of Computer Applications won the first place in Cryptic Enclave Escape Room at technical fest, 'Aprameya' organised by Nitte Meenakshi Institute Of Technology (NMIT).

✚ The placement club of Department of Computer Applications organized a session on 'Communication Skills' by Mrs. Aarthi Vishwanathan, Director, Mancomp Overseas Education Pvt. Ltd., Bangalore for the students of the college. Sri.R.V. Raghavendra Rao,

✚ Department of Electronics and Communication Engineering in association with IEEE Communications Society Student Branch chapter conducted 'ElectroTitan' games related to electronics. The rounds consisted of memory card game, simple quiz, guessing electronic components blindfolded and a binary bingo game. The winners were felicitated. Dr.Jayanthi K. Murthy, Associate Professor in the department coordinated the event.



✚ Dr. Asha K., Assistant Professor in the department of Civil Engineering



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attended three days international symposium on “Concrete Constructions: present and future” at IHCL, Raajkutir, Kolkata during January 18th - 20th, 2024.

- The NSS unit of the college visited a few villages in Ramanagara District to identify a suitable location for conducting Special Camp. After assessment, Pichanakere was identified and also identified areas requiring improvement.



- Department of Electronics and Telecommunication Engineering signed an MoU with Taproots AI co-founded by Mr.Vinay Rao, alumnus of the department to carry out realtime projects and research.



A meeting of Sri.Vinay Rao, alumnus, Co-founder, Taproots AI Pvt. Ltd., and 5th semester students in the department was convened by the department of ETE to discuss about the realtime project funded by Taproots AI.



- The following students of Department of Mechanical Engineering participated in the ‘Formula Bharat 2024’ competition organized by Curiosum Tech held at Kari Motor Speedway, Coimbatore and secured an ‘Overall Rank 9’ in the combustion category with a generous cash prize awarded by Altair Engineering.

Sl. No.	Name	Semester
1.	Anupam Gowda K R	7
2.	Vignesh Karthic G K	7
3.	Varun Thanashekar	7
4.	Hardik Gurujala	7
5.	Prajwal Kumar	7
6.	P M Varun Krishnan	5
7.	Vikhram Sridhar	5
8.	Harith Kiran Iyengar	5



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9.	Veerendrakumar Salimath	5
10.	Arya V	5
11.	Aaradhya Malik	5
12.	S Lokesh	5
13.	Numan Ahamed N	5
14.	Syed Ashhad	5
15.	Chidanand Swamy	5
16.	Srinith Srikrishna	3

- The Department of Physics organized a Lecture on the topic, “Emotional Well beingness for youth” by Srimat Swami Vireshanandaji Maharaj, Ramakrishna Math on the occasion of National Youth Day .



The other standings were as follows:

- Business Plan Presentation: Place-7
- Engineering Design Presentation: Place-8
- Cost Report: Place-11

- The NSS Unit of the college in collaboration with BBMP, Basavanagudi organized a Cleanathon on Bull Temple Road from 7AM to 8:30AM on the occasion of National Youth Week.





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January 19th, 2024

- Department of Electronics and Telecommunication Engineering organized a talk on 'Introduction to EMI/EMC' by Sri.Aravind Kamath, Founder and CTO, EMC Engineers for the benefit of 5th semester students in the department.



- The Department of Management Studies and Research Centre organized the Annual Management Fest, "Quest" during January 19th - 20th, 2024. The theme of this fest was 'Web Series' and various events were conducted. Sri. Danish Manzoor, Editorial Director, Asia & Sr. VP, Editorial and News Innovation, Newsweek was the Chief Guest for the Inaugural Function. 35 colleges participated in the fest, making it a grand success. RNSIT, Bangalore team emerged as the overall Champions.



- Dr. L. Ravikumar, Professor, Department of Mechanical Engineering attended AICTE SAC /SHC meeting at AICTE Head Quarters, New Delhi.

- MILANOTSAVA-2024, an Inter-Collegiate Competition for BMSET Institutions' employees was organized at BMS Institute of Technology & Management during January 19-20, 2024. Faculty and staff of the college participated in various sports and cultural competitions and won prizes.





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- ✚ The NSS unit of the college organized an Essay writing competition for the students on the subject, 'The Role of Youth in Building Our Nation' on the occasion of National Youth Day.



- ✚ Dr. Rafiq Mulla, Assistant Professor, Department of Physics co-authored and published a research paper titled, 'High performance thermoelectrics from low-cost and abundant CuS/CuI composites' in Journal of Materials Chemistry A (RSC), Volume n/a, Article/page number: d3ta06474c, December 19, 2023, and Q1 Journal. **Impact factor: 11.9** Online ISSN:2050-7496 DOI: <https://doi.org/10.1039/D3TA06474C>

- ✚ Dr. Manjunatha S.O., Assistant Professor, Department of Physics published a research paper titled, 'Enhanced sensing response of Cd²⁺ substitution cobalt chromate ceramics for humidity sensors', J Mater Sci: Mater Electron (2024) with impact factor **2.8**, **SJR: Q2**, ISSN 1573-482X (print) 0957-4522 (Electronic) DOI: [10.1007/s10854-023-11772-1](https://doi.org/10.1007/s10854-023-11772-1)

January 20th, 2024

- ✚ Dr. Harish K. N., Assistant Professor, Department of Chemistry co-authored & published a research paper titled, 'Solar photoactive magnesium substituted copper ferrite photocatalysts for Rose Bengal treatment', Results in Chemistry, 7, 101246. 2024.
- ✚ Dr. Manjunatha S., Assistant Professor, Department of Chemistry co-authored and published an article titled, "Comparison of blue luminescence and supercapacitance properties of zinc chromite nanoparticles synthesized *via* chemical and green mediated approach" in an international journal, Materials Science and Engineering B (IF: 3.04, Q2) in Jan 2024.
- ✚ Dr. Supriya S., & Dr. Madhuri P Rao, Assistant Professors in the Department of chemistry and Sri. A. N. Damodara,



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Instructor, Department of Mechanical Engineering participated in Badminton tournament at the 6th Annual International staff tournament organised at PES University during January 20th- 24th, 2024. Sri.A.N.Damodara secured 1st place and received the best player of the tournament award. Sri.Srinivasa B K, non-teaching staff in the Department of Computer Applications won the Badminton match(men above 40 years).



journal Migration Letters, indexed in Web of Science, Scopus, ESCI and Q2.

- ✚ Entrepreneurship Development Cell, Department of Computer Applications in association with IEEE BMSCE - Wie Affinity group organised an event, 'Ideathon on Social Entrepreneurship'. Twenty seven teams of two members each participated and presented their idea which would help to solve a social problem. The winners of the Ideathon, Ms.Ananya A. Rao & Mr.Rayan Bakshi and the Runner-Ups, Mr.Shreyas C.S., & Mr.Sandip Deb were felicitated.



- ✚ Dr. Gauri Kalnoor co-authored & published a paper titled, "Machine Learning Algorithms for Anomaly Detection in IoT Networks" in the

- ✚ Dr. Veena M.B., Associate Professor, Department of Electronics and Communication Engineering and



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Ms.Smita C Chetti, research scholar from the department published a research paper titled, 'Conceptualization and Design of 8-Bit SRAM Using Quantum Dot Cellular Automata' in SSRG International Journal of Electrical and Electronics Engineering. Volume 11 Issue 1, Pp14-27, ISSN: 2348-8379.

<https://doi.org/10.14445/23488379/IJEEE-V11I1P103>

- IEEE PELS BMSCE Student Branch chapter received Highest Membership award from IEEE PELS Bengaluru chapter.



- Dr. B. Kanmani, Professor, department of Electronics & Telecommunication Engineering successfully completed the IUCEE International Engineering Educator Certification Program (IIEECP) of Fall 2023.

- The NSS unit of the college organized a Zumba session led by Master Raghavendra Prasad from Thriloka Dance Club, Nagharabavi as a part of the National Youth week at the college.



Fig. Picture of Zumba trainer with Principal



- Dr. B. Kanmani, Professor in the department of Electronics & Telecommunication Engineering was invited to conduct one day workshop on, 'Curriculum design in the OBE Framework' organized for faculty



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members at KPR Institute of Engineering and Technology, Coimbatore



Management System (ITMS) by Superintending Engineer of PRAMC.

- ✚ The NSS unit of the college in collaboration with ELC club and 'Youth for Parivartana' organized a Voter Ambassador Program. The program aimed at educating the students about their rights and responsibilities in a democracy. The program highlighted the importance of voting, voter registration and the electoral process.

January 23rd, 2024

- ✚ Dr. Y K Suneetha, HOD and Ms. Shabnam Siddiqui, Assistant Professor in the Department of Chemical Engineering as Principal investigator & Co-investigator respectively for a funded project undertaken with the CMTI, Bengaluru, attended 4th and final review meeting convened at CMTI.



- ✚ Dr. Dheeraj Kumar N., Assistant Professor in the department of Civil Engineering has been appointed as member of Quality Monitoring Committee for Intelligent Traffic

- ✚ Department of Electronics and Communication Engineering in association with IEEE Communications Society Student Branch chapter



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organised 'Pace Up', a live interactive session regarding internships, selection criteria, cross skilling-up, skilling, motivation etc. Ms Vibha Mishra, Assistant Manager, L&D was the resource person. Around 60 students participated in the event.



students of the department to 'ADVI Group of Industries', a leading company in the fields of AI, Software, and Automation, located in Marathahalli, Bengaluru. Dr.Rajanikanth K N, Associate Professor, Dr.Archana H R, Dr.Maligi Anantha Sunil, and Dr.Surendra H.H, Assistant Professors in the department accompanied the students.



- Department of Electronics and Telecommunication Engineering organized a talk on "108 Emergency Medical Services: A success story" for the students of the college by Dr.Sudhakar Varanasi, who designed and developed 108 Ambulance across the country.



- The department of Electrical & Electronics Engineering organised an Industrial visit to Schneider Electric research lab for the benefit of the students in the department.



- Department of Electronics and Communication Engineering organized 'Industry Visit' for the 5th semester



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January 24th, 2024

- The 2nd Year Aerospace student, Ms.Tanushree K., won the second prize in "MINDSCAPE", quiz competition organised at HAL management academy.



'Outcome come based education' at Chankya University, Bengaluru.



- Dr.S.B. Bhanu Prashanth, Professor in Medical Electronics was invited to chair a session on 'High speed networks', in the International Conference, AITCES-2024 organised at Dr.AIT Bengaluru.



- On the occasion of 'National Girl Child Day', the NSS unit of the college organized a 'Yakshagana-Bharatanatyam fusion' at Srinagar Government School as an event, empowering girls through cultural activities. The event showcased Indian classical arts and talent appreciation. NSS volunteer, Ms.Keerthana from Civil Engg., department led dance teachings, emphasizing holistic development and artistic expression.



- Dr. R V Ranganth, Professor in the department of Civil Engineering was invited to deliver a lecture on the topic,





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- The department of EEE in collaboration with EEE association, organised an online talk on 'PSCAD application to power system protection' by Dr.B.Mallikarjuna, Assistant Professor, NIT, Silchar. Dr. Venkatesh B. and Dr.Nindra sekhar co-ordinated the event.

January 25th, 2024

- Dept. of Computer Applications signed MoU with MSME Training Centre, Bengaluru to conduct Value Added Courses, Hands-on Workshops, FDP and Management Development Programs. Sri. P Lakshminarayana and Sri. M Siva Rama Krishna, Assistant Professors in the department coordinated the event.



- Patent has been granted to a Design titled, 'SUN TRACKING SOLAR PANEL' by Dr.Umavathi M., Assistant Professor in the department of EEE in collaboration with NIT, Patna.

- Placement Club, Department of Computer Applications organized a

debate session for third semester MCA students to uplift their communication skills.



- The NSS unit of the college organized a pledge-taking event on the occasion of National Voters Day. The students also witnessed Hon'ble Prime Minister's address(online) to the young voters as a part of Namo Navamatadata Sammelan on the occasion of National Voters Day.



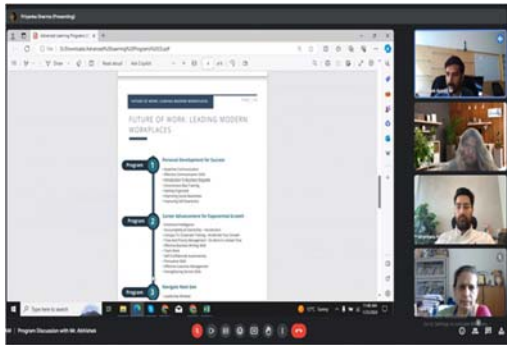


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Department of Electronics and Telecommunication Engineering organized a meeting(online) of Dr.Abhishek Appaji, HOD-R&D, Dr.Rajeshwari Hegde, HOD-ETE and experts from Msys Technolgies for possible collaboration.



Reddy(Retd), Ex-Director, Programme Air Defence, DRDO was the Chief Guest for the function. Sri.Aviram Sharma, Trustee BMSET presided over the function. The BMSET officials, faculty, staff & students of BMSCE, BMSCA & BMSCL participated in the event.



A guest lecture titled, 'Application of Machine Learning in Chemical Engineering' by Prof. Shailendra Kadre, Professor of Practice, Indus Academy, Bengaluru was organised by the Department of Chemical Engineering .



The NSS unit of college organised various competitions such as Essay, Quiz, Speech, and Drawing for children studying at Srinagar Government School on the occasion of Republic Day. The winners were felicitated.



January 26th, 2024

75th Republic Day celebration was organised at BMS Campus. Col.Venkat





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✚ The NSS volunteers, Ms. M.Dhanushree and Ms.D.Kavya from the department of Biotechnology participated in the 'School Bell Project' organized by Yuvaka Sangha during January 26-28, 2024 at Male Mahadeshwara Hills. The project focused on enhancing local school infrastructure through renovation and beautification of the premises.



January 27th, 2024

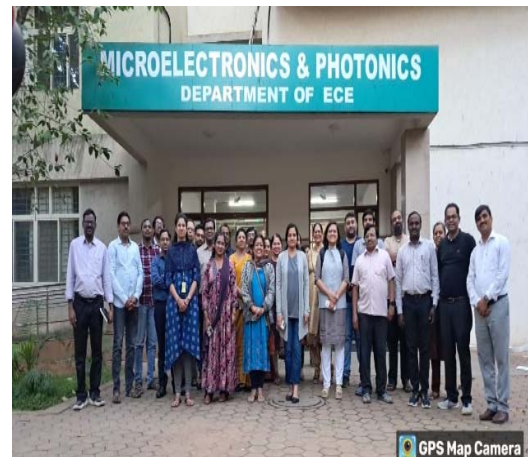
✚ Patent has been granted for the invention titled, 'A Heating Element for

a cooking apparatus using DC power source'.

Patentee: B.M.S College of Engineering and M/S Solar Green Club.

Inventors: Faculty members of the college, Prof. Harish Mekali, Prof.Praveen T Hunashikatti, Dr.Bheemsha and Sri. Surendar Kumar, MD, M/s Solar Green Club.

✚ Dr. D N Sujatha, Professor, Department of Computer Applications participated in Section Society Chapters Meeting held at IISc, Bengaluru.



January 28th, 2024

✚ NSS volunteers of the college actively participated in a series of Green Sundays organized by Adanya Chetana Foundation at different locations including Bengaluru University - BioPark Campus, Anantavana-



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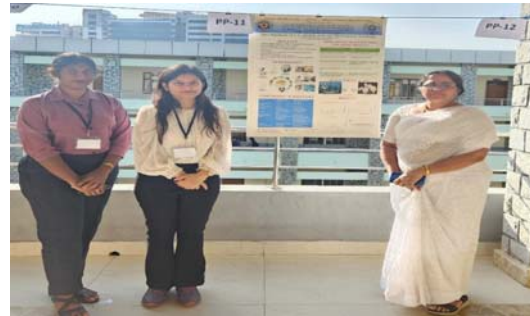
Basavanagudi etc., held on 7th, 14th, 21st and 28th January 2024



January 29th, 2024

- ✚ Medha Tech Solutions Pvt. Ltd., invited Sri. M Siva Rama Krishna, Assistant Professor, Department of Computer Applications to deliver an expert talk on 'ERP Application Deployment in Cloud' at Malnad College of Engineering, Hassan.
- ✚ Dr.Y.K.Suneetha, HOD-Chemical Engineering along with the students, Ms.Raj Nandini Singh & Ms.Lakshmi S., presented a poster titled, 'Development of UV curable PPF for 3D printing

Scaffolds' in 'RASAYAN 18', a two-day international symposium organised at CHRIST (deemed to be University) during January 28th-29th, 2024.



- ✚ The Department of Mechanical Engineering organized one-week Faculty Development Programme on 'Latest Trends in Additive Manufacturing' during 29th January to 2nd February 2024. The event was funded by NCAM, Government of India. Dr. V. Bharathi and Dr.G.Saravanakumar, Associate Professors in the department coordinated the event.

- ✚ Dr. R. Suresh Kumar, Assistant Professor, Department of Mechanical Engineering was invited as resource person for One-day workshop on 'Outcome Based Engineering' organised at Bapatla Engineering College, Andhra Pradesh.

January 30th, 2024

- ✚ Dr.H.B.Nagaraj, Professor in the department of Civil Engineering co-

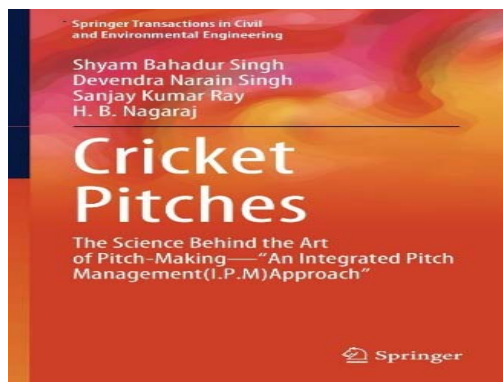


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authored a book titled, 'Cricket Pitches, The Science Behind the Art of Pitch Making-An Integrated Pitch Management(I.P.M) Approach', SPRINGER Transactions in Civil and Environmental Engineering.



January 31st, 2024

- Dr. Chandasree Das, Associate Professor, Department of EEE delivered a talk on 'Thin film Technology for Synthesis and Characterization of PV Cells', during ATAL FDP on 'Emerging Technologies in Sustainable Energy system' organized by Department of EEE during 29th January to 3rd February 2024.



- Department of Computer Science & Engineering in association with <CodeIO/> and BMSCE IEEE Computer Society conducted an online 3-day workshop on Full stack Web Development for the 3rd semester UG students. The resource persons were Sri. Kiran, Software Engineer, HashedIn by Deloitte and Ms.Kamali C., Software Developer at Apexon.

- Dr. Rajeshwari Hegde, HOD-Electronics and Telecommunication Engineering was invited to deliver a talk on "Science of Meditation" during the ATAL FDP organized by the Department of Electrical and Electronics Engineering.

- Smt.T.Anushalalitha, Assistant Professor, Department of ETE published research article titled, 'IUCEE INTERNATIONAL ENGINEERING EDUCATOR CERTIFICATION PROGRAM [IIEECP]', in the Asian Journal of Science and Technology,15, (01), 12853-12855.





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✚ Prof. Syed Akram, Assistant Professor, Department of CSE was invited as a resource person for a workshop focused on 'Modern Approach for Agile and Modeling' organised by the School of Computer and Information Sciences(SCIS), University of Hyderabad, Hyderabad.

✚ 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 January 29-31, 2024.

Day	Details of sessions organised
29.1.24	<p>'Modern Power System Stability' by Dr. Gurunath Gurrala, Associate Professor, IISc, B'lore</p> <p>'Electronic Power Conditioners and Efficient Power Management Techniques' by Dr.Lakshminarasamma, Professor, IIT, Madras</p> <p>'Energy Cooperatives and Blockchain-based trading' by Dr.S.Arul Daniel, Professor, NIT, Tiruchirappalli</p>
30.1.24	'Power Electronics for Space Applications' by Sri. Krishna Mohan, Director-Design, Centum Electronics Ltd.

30.1.24	'Power Electronics for Electric Vehicles: Upcoming Technologies & Challenges' by Dr. Sandeep Anand, Professor, IIT Bombay
31.1.24	<p>'Stress management' by Dr.Rajeshwari Hegde, Professor & HOD, Dept. of ETE, BMSCE</p> <p>'Thin Film Technology for Synthesis and Characterization of PV Cells' by Dr. Chandasree Das, Associate Professor, Dept of EEE, BMSCE</p>