



B.M.S. COLLEGE OF ENGINEERING, BENGALURU
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REPORT ON COLLEGE ACTIVITIES – NOVEMBER 2022

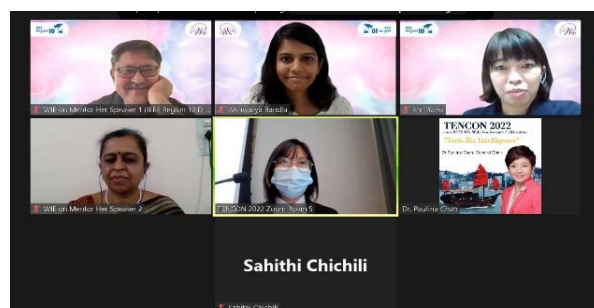
November 1st, 2022

- ❖ The B.M.S.College of Engineering in association with B.M.S. College of Law, B.M.S.College of Architecture & BMS College of Engineering(Evening) celebrated Kannada Rajyotsava in the college. The flag hoisting was followed by host of cultural programs by the students.



- ❖ Dr. Prerana Gupta Poddar, Associate Professor in the Department of Electronics and Communication Engineering along with Ms. Tulika, Post-Graduate student in the department published a research paper titled, 'Enhancement of Low-Resolution Images Using Deep Convolutional GAN' in the Emerging Technologies in Data Mining and Information Security, Lecture Notes in Networks and Systems 490, published by Springer Nature Singapore Pte Ltd. 2023, Page No. 321-332.
https://doi.org/10.1007/978-981-19-4052-1_33.

- ❖ Dr. D N Sujatha, Professor in the Department of Computer Applications was invited as one of the panelists for the 'MentorHer Reflections 2022', in conjunction with IEEE TENCON 2022.



- ❖ Dr. Karthik Kumara, Assistant Professor in the Department of Physics published a research paper titled, "2,6-disubstituted imidazothiadiazole 5-carbaldehyde: Synthesis, crystal structure elucidation and in-silico studies" in Chemical Data Collections. Q3 Journal, with impact factor 3.1, [Volume 42](https://doi.org/10.1016/j.cdc.2022.100962), December 2022, 100962, ISSN 2405-8300, <https://doi.org/10.1016/j.cdc.2022.100962>

November 2nd, 2022

- ❖ Dr. Sakey Shamu, Professor in the department of Civil Engineering was invited as judge for two events of the National cultural fest 2022-23 conducted by the Ministry of tribal Affairs, New Delhi at Art of



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Living International Centre, Kanakapura Road, Bangalore.

- ❖ A meeting of Deans, HODs and IQAC team was convened to discuss about NAAC-Cycle III (Review of criterion V & VI) and other related academic matters.



- ❖ Dr. S.O. Manjunatha, Assistant Professor in the department of Physics published a research paper titled, "Effect of Sc^{3+} Doping on the Optical and Magnetic Properties of Cobalt Chromite Nanoparticles" in Journal of Superconductivity and Novel Magnetism, IF 1.675, SJR Q3. <https://doi.org/10.1007/s10948-022-06433-z>

- ❖ The VII semester BE (Bio Technology) students, Ms. Surabhi V and Ms.Nandhini M., under the guidance of Dr.Prappulla, Assistant Professor, Bio Technology made a Project Poster Presentation in the International Conclave on Clean Fuel 2022

organized by NIE, Mysore TeC4Fuels Germany and OWI Science for Fuels Germany conducted during Nov.2nd & 3rd, 2022 and won second prize.

- ❖ Dr.Kalyan Raj, Professor in the Department of Chemistry attended a meeting of the Board of Studies convened at VTU Belagavi on 2nd & 3rd November 2022 for revamp of First year BE syllabus based on OBE and CBCS.



- ❖ The department of Computer Applications organised a talk on "Internship Opportunities" by Sri.Sunil Kantilal, Lead Architect, VP, Standard Chartered & also an Alumnus of department of Computer Applications for the benefit of second semester MCA students. Smt. Shilpa S, Assistant Professor in the department coordinated the event.
- ❖ BMSCE ISRC conducted 'Eco Prayana', encouraging students to walk to college,



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use bicycles, take public transport or use electric vehicles to spread awareness on carbon footprint which was well received by the students.



- ❖ VTU State Level Swimming Championship (Men & Women) & Selection trails – 2022 was organized at Basavanagudi Aquatic Centre by the Department of Physical Education, BMSCE and our men team bagged Runners-up trophy.



November 3rd, 2022

- ❖ BMSCE IEEE SSIT student branch chapter was inaugurated and 50th Anniversary IEEE SSIT Symposium on 'Sustainable Technologies for Health Care and Environmental Issues' was conducted during Nov. 3rd – 5th, 2022.





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- ❖ Dr. Santhosh D., Assistant Professor and Dr.J. Sharana Basavaraja, Professor in the Department of Mechanical Engineering along with Mr.Shashidhar G., post-graduate student in the department published a technical paper titled, 'Prediction of Localised Non-Linear Stress and Strain at the Critical Location of Mechanical Members - A Neuber's Rule Study' in Advancement in Mechanical Engineering and Technology, 5(3), 2022, pp 1-12. DOI:<https://doi.org/10.5281/zenodo.7276045>



- ❖ VTU Bengaluru Central Division Table Tennis Tournament was organised at HKBKCE, Bengaluru. BMSCE Table Tennis Men & Women teams bagged Runners-up & Winner trophy respectively.



- ❖ Dr.S.B. Bhanu Prashanth, Professor in Medical Electronics was invited to be the subject expert member on the panel to select faculty members at Dayananda Sagar University, Bangalore.

November 4th, 2022

- ❖ The department of Bio Technology organised an industrial visit to Krishimela at University of Agricultural sciences, GKV, Bengaluru for the students of 3rd and 5th semesters in the department. Dr.Rashmi S.Shenoy, Assistant Professor and Dr.Divijendranatha Reddy, Associate Professor in the department accompanied the students.





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❖ Dr. Hari Prasad Uppara, Assistant Professor in the department of Chemical Engineering presented a paper titled, “Surface engineering the MOF derived bimetallic oxides for catalytic applications”, in 3rd International Conference on Chemical, Bio & Environmental Engineering (CHEMBIOEN-2022) organized by BVRIT in collaboration with Dr B R Ambedkar National Institute of Technology, Jalandhar.

❖ Mrs. Shachi P & Mrs. Sanjana T., Assistant Professors, Dr. Sudhindra K R., Associate Professor and Dr. Suma M N., Professor in the Department of Electronics and Communication Engineering published a research paper titled, ‘Outage and Error Rate Analysis of NOMA Inspired Multicarrier Underlay Cognitive Ratio System’ in IEEE Access, vol. 10, Page No. 113956-113968, 2022. DOI: 10.1109/ACCESS.2022.3217493. (SCIE indexed: Q2, Impact factor: 3.476).

❖ Dr. Chandasree Das, Associate Professor in the department of Electrical & Electronics Engineering conducted Young Researcher’s Meet 2022 at the college which is a Flagship event of IEEE PES Bangalore Chapter. The event was conducted under the umbrella of BMSCE

IEEE PES and Sensors Council Student Branch Chapter.



❖ The Department of Electronics and Instrumentation Engg., organized a Technical Talk on “Pre Career Counselling” by Mr. Sanjay R, Career Architect, Career Labs.



❖ Dr.S.B. Bhanu Prashanth, Professor in Medical Electronics delivered a technical talk on ‘Sustainable technologies for health care and environmental issues’ in the symposium organized by IEEE SSIT chapter of Bangalore section.



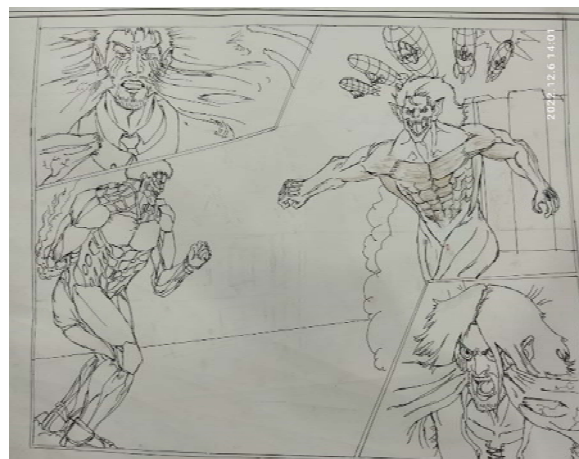
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November 5th, 2022

- ❖ Dr Gnanendra P M., Assistant Professor in the department of Aerospace Engineering presented his research paper in 27th National conference on Internal Combustion Engines and Combustion (NCICEC 2022) conducted at Vellore Institute of Technology, Tamil Nadu during Nov. 5th -7th, 2022.
- ❖ The department of Electronics & Communication organized a talk on 'Integration of PLC and SCADA and its Applications' by Ms.Sandhya G.S., Manager, Training and Development, M/s Prolific Solutions Ltd., Bangalore for the 2nd and 3rd year students in the department. Dr.Geetishree Mishra., Assistant Professor in the Department coordinated the event.
- ❖ Mrs. Shachi P., Assistant Professor in the Department of Electronics and Communication Engineering was part of the organizing committee and served as TPC Co-chair for the 4th PhD Colloquium on Emerging Domain Innovation and Technology for Society (PhD EDITS), 2022, an IEEE Comsoc event.
- ❖ On the occasion of Vigilance Awareness Week, an initiative of Central Vigilance Commission, NSS Unit of the college

participated in Integrity Pledge and also conducted an Essay writing competition on the theme, 'Corruption: A Violation Of Human Rights' and Drawing competition with the theme, 'Anti-Corruption'.



November 6th, 2022

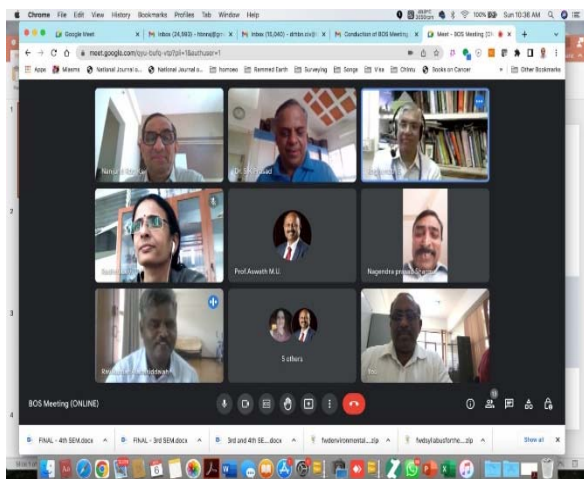
- ❖ The department of Civil Engineering organised a meeting(Online) of the Board



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of Studies. The Scheme & Syllabus were deliberated in detail.



- ❖ 'VTU Bengaluru Central Division Inter-Collegiate Badminton (M&W) Tournament 2022' was organized by the Department of Physical Education and Sports Science of the college. Prof.M.Muniraju, Dean, Chairman and Syndicate member, Bengaluru City University, Former Vice Chancellor, Bangalore University was the Chief guest. BMSCE Women team secured First place and Men team secured Runners-up position.



November 7th, 2022

- ❖ The Department of Computer Science and Engineering organized valedictory function of HPE-Catch Them Young projects 2022 (projects done during March 2022 to August 2022). Sri. Nidugala Murali, Master Technologist from HPE was the chief guest and the projects were highly appreciated by him. Highly impressed by the projects, Sri.Nidugala Murali offered extended activities from HPE which includes HPE day – Full day activity at campus, Industry



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Visits, extend existing lab with more Servers in Incubation center, one or two days of workshop for students in general on emerging technology, tech talks on HPE technology, Faculty development program, sponsorship of events (hack-a-Thon, seminars). Certificates were distributed to faculty mentors and students.



- ❖ Dr. Suma M N., Professor and Dr. Sudhindra K R., Associate Professor in the Department of Electronics and Communication Engineering along with the students of the department participated at the 'day@Nokia', Bangalore. Ms. Nimisha and Mr. Rakshith from 5th semester BE(ECE) won prize in debate and Ms. Varsha, 7th semester BE(ECE) won internship award.



- ❖ Department of Mathematics in coordination with Department of Electronics & Telecommunication Engineering organised One week Faculty Development Programme on Universal Human Values from 7th to 12th November 2022. Dr. Veena Jawali, HOD-Mathematics, Dr. H Y Shrivalli, Professor, Dr. Sujatha N, & Dr. Chaitra V, Asst Professors in the Dept. of Mathematics and Dr. Rajeshwari Hegde, Professor Dept. of ETE coordinated the program.



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- ❖ VTU State Level Badminton Championship and Selection Trails was organized by the Department of Physical Education and Sports Science at the college. BMSCE Women team were the Champions.



- ❖ VTU State Level Table Tennis Tournament was conducted at VVCE, Mysuru. BMSCE Table Tennis Women team won the Runners-up trophy.



November 9th, 2022

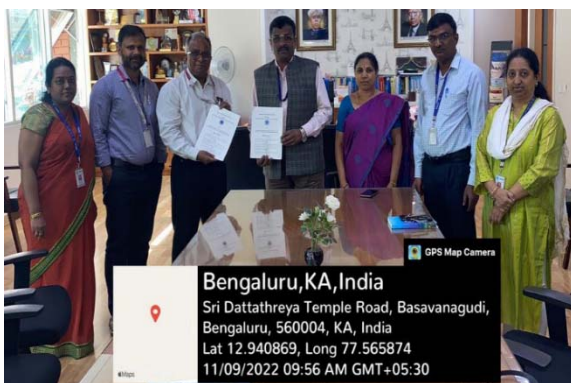
- ❖ The R&D project undertaken by Dr. Y K Suneetha, HOD-Chemical Engineering and Smt.. Shabnam Siddiqui, Assistant Professor in the department of Chemical Engineering in collaboration with CMTI was reviewed by Dr.Nagahanumaih, Director, Sri.Prakash Vinod & Dr.Kavitha CMTI, Division Heads from CMTI and Sri. Krishna Rathod, Scientist-E, CMTI. Sri. Manjunath Principal Investigator and the project fellow Mr. Suraj Singh from CMTI were also present at the review meeting. It was decided to exhibit the material and the machine developed in the Indian Machine Tool Manufacturers' association flagship event, IMTEX 2023



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- ❖ Department of Electronics and Communication Engineering signed MOU with Ignitarium Technology Solutions Pvt., Ltd., Bangalore.



- ❖ Sri. Ganesh Kumar, Assistant Professor in the department of MBA delivered a Guest Lecture on the topic, 'Marketing Management' at The Cambridge International School, Harlur, Sarjapur Road, Bengaluru.



November 10th, 2022

- ❖ Dr. R V Ranganath, Professor in the department of Civil Engineering was invited as an expert member for IQAC meeting at Kalaisilingam University, Madurai.
- ❖ The department of Electrical & Electronics Engineering organised an Industrial visit to MADHAVAMANTRI MINI HYDEL Power Station, Hemmige village, Mysuru District for 5th semester students of the department. 75 students participated in the visit and got an idea about electrical power generation, transmission distribution, Hydro-Power Plant and types of turbines.





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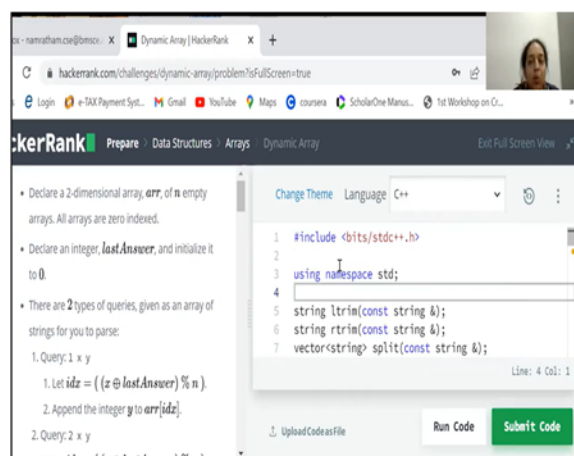
- ❖ The department of Civil Engineering organized a technical talk by Ms.Sushmitha, Manager, Program Outreach, ASCEND on the topic, 'Modern/digitalization in Civil Engineering projects' for 7th Semester students and 'Job prospects in Civil Engineering' for 3rd & 5th Semester students in the department. Dr. Mangala Keshava, Associate Professor and Sri.Arjun K, Assistant Professor in the department coordinated the events.

- ❖ Dr.Vijayalakshmi K, Professor, Department of Medical Electronics Engineering, Dr.Ashok Kumar R., Professor, Department of ISE along with post graduate student in the dept. of ISE, Ms.Shreya Jingade and Yoga Teacher, Sri.Subhananda published a paper titled, 'Analysis of EEG Signal Components based on Meditation and Mind-Wandering Between Experienced Meditators and Non Meditators' in journal of Network Security Computer Networks . e-ISSN: 2581-639X, <https://doi.org/10.46610/JONSCN.2022.v08i03.004>

November 11th, 2022

- ❖ The Department of Computer Science and Engineering and BMSCE IEEE SB in association with <CodeIO/> conducted a value added course on 'Problem Solving and Working with HackerRank Platform' for PG students from 11th to 15th November,

2022. The course was conducted in Blended mode.



- ❖ Dr. Prema V., Associate Professor in the Department of Electrical & Electronics Engineering attended All India Subcommittee meeting of IEEE Power Electronics Society at Hyderabad during Nov. 11th -12th, 2022.





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- ❖ The department of Electrical & Electronics Engineering organised an Industrial visit to T D Power Systems Limited, Dobbaspeta, Bengaluru for 3rd semester students in the department.



- ❖ VTU Bengaluru Division Tennis Men Tournament was conducted at JSSATE, Bengaluru. BMSCE Tennis Men team secured Fourth Place.

November 12th, 2022

- ❖ Department of Electronics and Instrumentation Engg., in association with Innovians Technologies and Technex '23 Indian Institute of Technology, Varanasi organized Value Added Course on 'Sensors and Internet of Things'. Dr.Santosh R.Desai, HOD-EI, Dr.Mamatha M.N. Professor, Dr.Veena Hegde, Professor, Smt. Preethi K.Mane, Associate Professor, Sri.Krishnamurthy K.T., Sri.Kumar D., Assistant Professors in the department of EI, Sri.H.S.Gururaj, Assistant Professor, ISE and Smt.Vinutha Srikanth, Assistant Professor, RVITM, Ms.Kausthubha from INTEL, Sri.Anvesh Reddy from Innovians Technology were the resource persons.





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- ❖ Pentagram – The Mathematical Society of BMSCE conducted an event titled, “Gamer Acre” for the members of Pentagram club and comprised of 3 rounds with 45 participants. It was a great success and concluded with the announcement of the new core committee 2022-2023.



- ❖ NSS Unit of the college in collaboration with AICHE student chapter under Department of Chemical Engineering participated in a “Memorial Walk” organized by Adanya Chetana in the memory of Late Shri Ananth Kumar.



November 13th, 2022

- ❖ The inauguration of First Year Induction Program Phase-I was organised at the college. Sri.K.Krishna Moorthy, CEO & President, India Electronics & Semiconductor Association was the Chief Guest. Dr.B.S.Ragini Narayan, Donor Trustee & Chairperson, BMEST, Dr.P.Dayananda Pai, Chairperson, BMSCE, Sri.Aviram Sharma, Trustee, BMSET, Sri.Gautam Kalatur, Chief Technology Officer, BMSET graced the occasion. The newly joined students along with their parents participated in the program.





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The Induction Program Phase-I for the first year UG students was conducted during Nov.13th - 3rd December 2022. During the induction program, the newly joined students were introduced to various facilities available at the college level and at the concerned departments, existing student clubs/forum and various academic activities of the college. Further, a host of activities on Team Building, Management & Leadership development were organised for the benefit of the said students.

- ❖ NSS Unit of the college in collaboration with AIChE student chapter under Department of Chemical Engineering participated in “Green Sunday Plantation” organized by Adama Chetana at ‘Anantavana’, Govt Boy’s School.



November 14th, 2022

- ❖ The department of Aerospace engineering organised a value added course on CATIA 3D EXPERIENCE during Nov. 14th– 18th, 2022.



- ❖ Dr. Nagashree K L, Dr. Manjunatha S and Dr.Malini S, Assistant Professors in the Department of Chemistry attended five days Faculty Development Programme on ‘Recent Advances in Smart-Sustainable Materials for Chemical and Biochemical Applications’ organized by department of Chemistry, Dayanand Sagar College of Engineering, Bengaluru during Nov. 14th- 18th, 2022.
- ❖ The Department of Computer Science and Engineering in association with <CodeIO/> conducted an introduction session on competitive Coding for 5th semester UG students. The session aimed to provide a roadmap to the students on how to master data structures and algorithms for their technical interviews.
- ❖ Dr. B.Mallikarjuna, Assistant Professor in the Dept. of Mathematics delivered a talk in Faculty Development Program on ‘Recent



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Advances in Computational Mathematics and Applied Science' organized by the Department of Mathematics, Reva University, Bangalore during Nov.14th-18th, 2022.



Institute of Management, Bengaluru from Nov.15th – 25th, 2022.



- ❖ The volunteers of ISRC of the college as a part of the initiative, 'CHEELA MELA for Kadalekai Parishe', gathered clothes from students in the college and a few nearby apartments to stitch cloth bags.

November 15th, 2022

- ❖ Dr. A. Satya Nandini, Dr. Minu Zachariah, Dr. Prathima Bhat K., & Sri. KRA Balaji, faculty members from the Department of Management Studies and Research Centre of the college attended AICTE Training and Learning (ATAL) Academy sponsored Blended/Hybrid FDP on 'Digital Supply Chain Management for Operational Excellence' organised at St. Joseph's

- ❖ Dr D N Sujatha, faculty coordinator of BMSCE ISRC along with members of ISRC met BBMP Special commissioner Sri.Jayaram and apprised about 'Cheela Mela' event proposed to be conducted at Kadalekai Parishe and sought their permission/support.



- ❖ A talk on 'Role and Scope of Entrepreneurs in Mechanical Engineering' by Sri. Sanjeev Kumar, Chief Executive Officer, SKIENCE & Alumnus of Department of Mechanical



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Engineering, BMSCE was organized by Mechanical Engineering Association for V Semester UG students in the department.

- ❖ Dr. R. N .Ravikumar, Associate Professor in the department of Mechanical Engineering along with faculty members from Dr.AIT, B'lore, Dr.Thippaiah Nagaraju and Dr.Mahesha Chikkabagilu Rudraiah and Sri.Supreeth Shivakumar, research scholar published a technical paper titled, 'A Review on Performance Characteristics of an Air Foil Thrust Bearing' in Tribology Online, Japanese Society of Tribologists, 17(4), 2022, pp 276-282.
DOI: 10.2474/trol.17.276

November 16th, 2022

- ❖ The placards of 'Cheela Mela' event were released in front of Bull Temple. BBMP Special commissioner Sri Jayaram, Deputy commissioner Sri Krishnakanth, MLA of Basavanagudi Constituency, Sri L A Ravisubramanya and Dr.D N Sujatha, faculty coordinator of BMSCE ISRC graced the occasion.



November 17th, 2022

- ❖ A new Laboratory was inaugurated at the Department of Information Science and Engineering.



- ❖ Dr.Jayarekha P., HOD-ISE along with Ms.Pamulapati Supriya, M.Tech student in the department published a Paper titled, 'Pairing-Free CP-ABE based Combination of Cryptography and Steganography for Secure Storage' in International Journal of Scientific Development and Research (IJS DR) www.ijdsdr.org ISSN: 2455-2631 November 2022 IJS DR Volume 7 Issue 11.
- ❖ Dr. Dakshayini M., Professor in the Department of Information Science and Engineering along with Ms.Vijayalakshmi H.R., M.Tech student in the department Sri.Sandeep Rao, Team Lead, CISCO published a paper titled, 'System Observability and Monitoring for MultiCloud Native Network Service based



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Function' in International Journal for Research in Applied Science & Engineering Technology (IJRASET) ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 7.538 Volume 10 Issue XI Nov 2022- Available at www.ijraset.com ISRA Journal Impact Factor 7.894.

- ❖ The video made on 'Cheela Mela' event was released by the Principal of the college.



- ❖ Dr. Murugendrappa M V, Associate Professor and Head, Department of Physics attended a meeting of VTU College Principals scheduled for discussing on new syllabus for Physics, Chemistry, Mathematics as a subject expert.



- ❖ The students of NSS unit of the college participated as volunteers in the Bengaluru Eco Summit 2022, organised by Haritvam and Campus2Community during Nov.17th - 18th, 2022 which witnessed a luminary gathering of scientists, academicians, NGOs, environmental activists, and many others with a vision to transform Namma Bengaluru into a Better Bengaluru.



- ❖ Dr. Murugendrappa M V, Associate Professor and Head, Department of Physics attended the BOS Meeting(online) scheduled at Sri Jayachamarajendra College of Engineering, Mysuru as an external member.



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November 18th, 2022

- ❖ The UG students participated and presented their idea on 'CIGARETTE BUTT WASTE MANAGEMENT' in the event organized by Haritvam, at viveka Auditorium, Yuvapatha, Bengaluru and Mr. Vikas G got II prize for his presentation.



November 19th, 2022

- ❖ A patent titled, 'Heart Disease Prediction Using a novel Deep Dense Neural Network' has been filed and published by team consisting of MCA student, Mr.Ranjith Singh M, Dr.K.Vijay kumar, Associate Professor, MCA and Dr.Divijendranatha Reddy, Associate Professor, Biotechnology from BMSCE.
- ❖ The NBA Expert Team visited the institution from 18.11.2022 to 20.11.2022 to evaluate the following UG programmes.
 - ✚ Civil Engineering
 - ✚ Mechanical Engineering
 - ✚ Industrial Engineering & Management
 - ✚ Telecommunication Engineering
 - ✚ Chemical Engineering
- ❖ The student volunteers of NSS unit made paper bags for distributing the same among the hawkers at kadalekayi parishe.
- ❖ Dr.S.B. Bhanu Prashanth, Professor in Medical Electronics delivered a talk on "Basics of IoT and its Real Life Applications" in ANVESHANA 3.0, an online event organized by the ROTARACT club of Swarna Bengaluru.
- ❖ BMSCE ISRC in collaboration with Fine Arts Club of the college organised a paper bag making event in the indoor stadium. All the first year students participated in the event and were successful in making around 5000



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paper bags to be distributed to the vendors during Kadalekai Parishe.



- ❖ BMSCE ISRC conducted a walkathon event from 2 pm to 3pm on Bull Temple road starting from Bull Temple to spread awareness among the buyers and vendors at Kadalekai Parishe about 'Single use plastic'.



- ❖ The department of Aerospace Engineering organised guest lecture on the topic, 'IoT and Digital Engineering, Working at TATA, TCS, Product Lifecycle in Aerospace' by a

team from TCS consisting of Sri.Mahesh R.Shivaprasad, Head, Delivery & operations, Sri.Praveen handran V., Academic Relations Manager and Sri.Jayaprakash A.J., Innovation Lead.



- ❖ A book chapter titled, 'Micromorphology and Pore Size Evaluation of Biomass Chars During Pyrolysis' has been published by Dr. R.Shivakumar and Dr. Samita Maitra in the book titled, 'Sustainable Chemical, Mineral and Material Processing. Lecture Notes in Mechanical Engineering', published by Springer, Singapore.
- ❖ Smt. V Padmapriya, Assistant Professor and Dr. D N Sujatha, Professor in the department of Computer Applications published a research paper titled, 'Exploring Reinforcement Learning Environment for User-centric Applications in VANET' in the Journal of Medicon Engineering Themes 3.6(2022) pp. 13-24, Volume 3 Issue 6, December 2022, Article ISSN: 2834-7218, DOI: 10.55162/MCET.03.092.



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- ❖ Department of Computer Science and Engineering organised a technical talk on 'Recent trends in Financial Apps on Mobile devices, Challenges and Opportunities' by Sri. Nikhil Agrawal, Research Scholar at IISC, Bangalore.

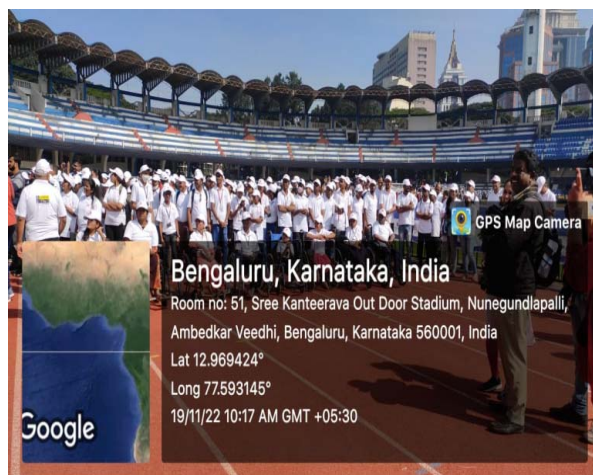


- ❖ Department of Electrical & Electronics Engineering in association with EEE Association, IEEE PELS & IES SBC and IEEE SSIT SBC, BMSCE organised an expert lecture on 'Design of MOSFET Gate Drivers' by Dr. Shelas Sathyan, Professor, NIT, Trichy.



- ❖ Students from NSS unit of the college volunteered in making arrangements at Kanteerava outdoor stadium for the event

Samarthanam walkathon-2022 organised by samarthanam trust as a tribute to blind cricket team of India and also participated in the walkathon.



November 20th, 2022

- ❖ BMSCE ISRC along with Marshals from BBMP, conducted a walkathon event from 9am-11 am on Bull Temple road to spread awareness about 'Single use plastic among the buyers & vendors at Kadalekai Parishe .



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workshop gave a brief exposure to students on NodeMCU, microcontrollers, embedded architecture basics and mechanical design.



- ❖ Dr. Hari Prasad Uppara, Assistant Professor in the Department of Chemical Engineering was conferred Ph.D degree from Manipal Institute of Technology, MAHE in 30th convocation ceremony.



- ❖ The NSS unit distributed paper bags made by the student volunteers to the hawkers at Kadalekayi Parishe which has become a regular annual activity of NSS Unit of the college on the occasion of Kadalekayi Parishe since years.



- ❖ As a part of Phase Shift, 'ELSoC' club in the Department of Electronics and Communication Engineering conducted one day pre-workshop on 'Remote Controlled Car' for the students of the department. The workshop was conducted by Mr. Bharath G S, Mr. Vishvesh, Ms. Sowmya Kulahalli, members of ELSoC. Dr. Maligi Anantha Sunil & Dr. Archana H R, Assistant Professors in the department coordinated the event. The



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- ❖ A drawing competition, 'Draw Your Dreams' was organised by an NGO, 'Fund a Child in India' at the college premises on the occasion of International Children's Day and over 500 children participated in the competition. The students from NSS unit of the college volunteered for the smooth conduction of the program. Dr Sakey Shamu, Professor, Department of Civil Engineering was the Chief Guest for the valedictory program.



- ❖ The student volunteers from the NSS Unit of the college participated in 360th Green Sunday, an initiative of Adamya Chetana Foundation organised at Bangalore University.



November 21st, 2022

- ❖ BMSCE ISRC along with Marshals from BBMP, conducted a walkathon at 10 am in the vicinity of Bull Temple. During the walkathon, the volunteers distributed the paper bags to the vendors at Kadalekai Parishe free of cost and sold them the cloth bags.





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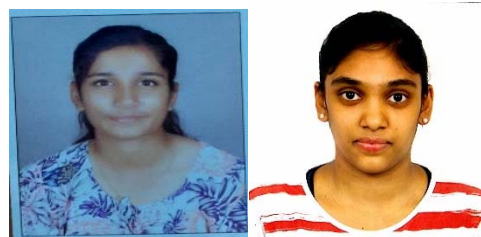
- ❖ A value-added course on 'Introduction to Dynamical Systems Theory and Machine Learning in Chemical Engineering' was organized by Department of Chemical Engineering during Nov. 21st - 28th, 2022. Dr. Samita Maitra, Professor in the department was the convener and Dr. Chetan A. Nayak & Dr. Shivakumar R., Assistant Professors in the department coordinated the event. The resource persons were Mr. Shreyas Joshi and Ms. Isha Misra, Research Scholars & Prime Minister Research Fellowship (PMRF) Awardees from Department of Chemical Engineering, Indian Institute of Science (IISc), Bengaluru.



- ❖ Dr. Rajath Vasudevamurthy, Assistant Professor in the Department of Electronics and Communication Engineering was invited to deliver a talk on 'Indian Calendar Systems' during the Student Induction Program at

Babu Banarasi Das Engineering College, Lucknow through online mode.

- ❖ Dr. Prema V., Associate Professor in the Department of Electrical & Electronics Engineering and Mr. Deepak Sagar, Post graduate student in the department published a research paper titled, 'Single Switch Controlled Single Phase Induction Motor' in the IEEE NKCon-2022, Flagship International Conference of IEEE North Karnataka Sub-section in association with IEEE Bangalore Section and IEEE ITS hosted by BLDEA's V. P. Dr. P.G. Halakatti College of Engineering and Technology, Vijayapur, Karnataka.
- ❖ Ms. Shivani Shantagiri, 5th semester student in the department of Electronics and Telecommunication Engineering and Ms. Nikithasri Dara, 5th Semester student in the department of Artificial Intelligence and Machine Learning represented VTU in South Zone Inter University Badminton Competition organised at Jain University, Bengaluru, during Nov. 21st-24th, 2022.





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- ❖ The NSS volunteers of the college conducted a plog run on Bull Temple Road wherein, the volunteers cleared the waste accumulated during Kadalekai Parishe.



- ❖ Dr.Raghu Yogaraj, Assistant Professor in the department of Mechanical Engineering served as a reviewer of Innovative ideas received under the INSPIRE Awards-MANAK for the year 2022-23

November 22nd, 2022

- ❖ BMSCE ISRC volunteers along with Marshals from BBMP, conducted a plogging event at 7am on Bull Temple Road near the college campus, wherein, the volunteers cleared the waste accumulated during Kadalekai Parishe.



- ❖ BMSCE ISRC volunteers along with BBMP Marshals, conducted a walkathon at 10 am, and the volunteers distributed the paper bags free of cost to the vendors at Kadalekai Parishe and sold them the cloth bags.





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- ❖ On the occasion of Phase Shift 2022, the department of EEE organised a webinar on 'EV REVOLUTION' by Sri.Nitish Kumar, Transportation specialist at Tata Elxsi. The event gave everyone a wonderful insight about the working of electric vehicles. The hands-on workshops on DIGITAL MARKETING & UI/UX conducted by Sri.Vishnu Prasad and Ms.Sharanya from MyCaptain gave a very good insight to the participants on the said topics.

- ❖ Department of Mathematics conducted monthly activities on Language and Communication skills Development under the guidance of IQAC. Dr. Gayathri M.S. and Dr.Nishitha, Assistant Professors in the Coordinated the Programme.



- ❖ The fifth semester students of the department of Medical Electronics Engineering along with Assistant Professors in the department, Dr. Jisha P, Dr. Vani A and Assistant Instructor, Sri.Panduranga Kulkarni visited InnAccel Technologies Pvt Ltd. Students were introduced to the medical equipment

designed by them, like SAANS which is an external support for breathing meant for neonates and they also interacted with the Design Head, the Testing Engineer and team to get a deeper understanding.



- ❖ Dr Vijayalakshmi K., Professor in the department of Medical Electronics Engineering delivered a talk(online) on 'Research and Publication Scope' in the International Conference on Multidisciplinary Research – 2022 (ICMR-2022) held at Sharan Basava University at Gulbarga during Nov. 22nd-24th 2022.
- ❖ Dr. Kaliprasad C.S, Assistant Professor in the Department of Physics published a research paper titled, 'Effect of tungsten oxide thin films deposited on cerium oxide nano rods for electrochromic applications' in Optical Materials _Q1 Journal, Volume 134, Part A, December 2022,



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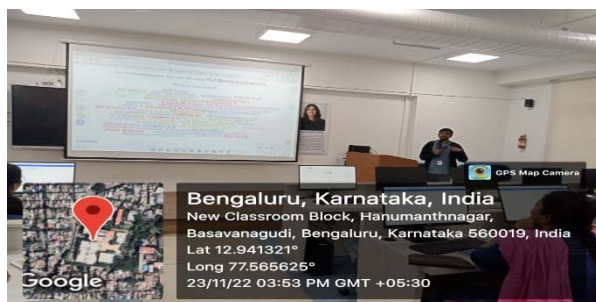
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113220, Impact factor - 3.754, ISSN 0925-3467 (print); 1873-1252 (web)

<https://doi.org/10.1016/j.optmat.2022.113220>

November 23rd, 2022

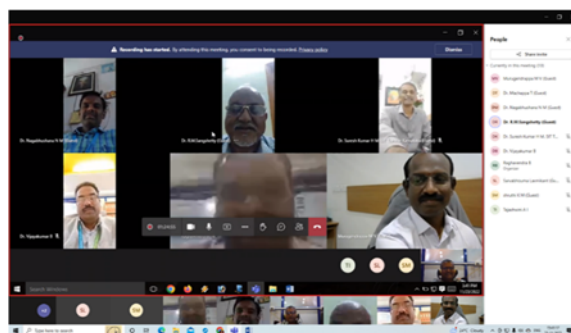
- ❖ Dr. Ranganath R V, Professor, Civil Engineering delivered a lecture on the topic, 'Geopolymers: Alternative to cement based Materials' and Dr. Suresh Ramaswamy Reddy, Professor, Civil Engg and Vice Principal(Academic) delivered a lecture on the topic, 'Smart Irrigation System for Sustainable Development' in an International Conference on Multidisciplinary Research -2022 (ICMR-2022) organised at Sharanabasava University, Gulbarga .
- ❖ Hands-on-session on 'Use of Canvas LMS for course management' was organised by Teaching Learning Centre in ISE Lab. Dr. Abhishek Appaji, HOD-R&D was the resource person and 66 faculty members participated in the session.



- ❖ Dr. Murugendrappa M V, Associate Professor and Head, Department of Physics attended the BOS Meeting scheduled at Siddaganga Institute of Technology, Tumakuru as an external member.



- ❖ Dr. Murugendrappa M V, Associate Professor and Head, Department of Physics attended an online BOS Meeting conducted by Bellary Institute of Technology and Management, Bellary as an external member.



- ❖ Dr. Prema V, Associate Professor in the Department of Electrical & Electronics



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Engg., delivered a talk on 'Ideation and Problem Solving' at The Oxford College of Engineering, Bangalore.

November 24th, 2022

- ❖ A meeting of Deans and HODs was convened to discuss about conduction of classes for first year students and other related academic matters.



- ❖ Dr. Gayathri M S, Assistant Professor in the department of Mathematics presented a paper titled, 'Study of Boundary Layer Flow of a nanofluid on a stretching sheet by Spectral Collocation Method' in International Conference on Applied Research in Engineering Sciences ICARES – 2022, organised at Ramaiah Institute of Technology, Bangalore.



- ❖ Departments of Physics and Mathematics organised one day orientation programme for VTU affiliated college teachers on 'Revised Physics & Mathematics Syllabus – 2022' in association with VTU Belagavi. Dr.Rangaswamy, Associate Professor, Dept. of Mathematics & Dr.B.L.Suresh, Associate Professor, Physics Department of the college were the convenors.



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- ❖ Dr.Kalyan Raj, Professor in the department Chemistry of the college was a resource person for orientation programs on new VTU curriculum conducted at various regional centers of VTU-Karnataka during Nov.24th -29th, 2022.



- ❖ Dr. B. Sudarshan, Assistant Professor, Department of Mechanical Engineering, along with the student, Mr.H. A. Pranav and Sri.Shashikant N. Joshi from Swakit Biotech Pvt.Ltd., B'lore published a technical paper titled, 'Effect of shock wave impact on natural chitosan biopolymer' in International Journal of Polymer Analysis and Characterization, Online, Nov 2022.

DOI:

<https://doi.org/10.1080/1023666X.2022.2146917>

- ❖ Ms. Chandini, M.Tech (Construction Technology) student got 'outstanding Concrete Dissertation Master award-2022' from ICI Bengaluru Centre- Ultratech Endowment Award. Ms.Chandini M. and her guide, Dr.R.V.Ranganath, Professor, Civil Engineering were felicitated in the Awards function organised at Manyatha Tech Park, Bengaluru.



- ❖ VTU Selection Trails for Boxing, Kick Boxing, Wushu, Cycling, Skating, Rowing, Squash Racket, Fencing, Shooting, Gymnastics, Mallakhamba, Karate (Men & Women) – 2022-23 were organized at the college by the Department of Physical Education and Sports Science of the college.

November 25th, 2022

- ❖ Dr. Suresha B. L, Associate Professor and Dr.Vinutha N, Assistant Professor in the Department of Physics jointly published a research paper titled, 'Dielectric, optical and



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absorption studies of f-MWCNTs dispersed nematic liquid crystal' in the journal, Molecular Crystals and Liquid Crystals DOI: 10.1080/15421406.2022.2153544.

- ❖ On the occasion of International Day for the Elimination of violence against Women, women cell of the college in association with College Internal Complaints Committee(CICC) organised an address on 'Women's Safety and Law'. The speakers were Ms Roopa Rani, Entrepreneur and Ms Shwetha N, Woman Head Constable, Hanumanthnagar.
- ❖ The Annual Technical Symposium, PHASE SHIFT 2022 with the theme, 'DATAFICATION AND DIGITAL TRUST' was organised in the college during Nov. 25-26, 2022. Sri.Manu Sale, MD & CEO, Mercedes Benz, R&D, India was the Chief Guest for the inaugural function. GP Capt.Raghavendra Aroor(Retd), ADTL, Sri.Bhavik Kumar, Chief Digital Officer & Head, EPC Tech Pvt. Ltd., Sri.Aviram Sharma, Trustee BMSET graced the occasion. Dr.Rathanraj K., Dean(Student Affairs) was nominated as Working Chairman for PHASE SHIFT 2022 and Dr.Rajeshwari Hegde, Professor, Electronics & Telecommunication Engg was nominated as Organising Secretary for PHASE SHIFT 2022.



During PHASE SHIFT 2022, numerous events in collaboration with industries were organized by various departments and clubs of the college. Five invited talks by industry experts from India and abroad were also organised as part of the Pre-PHASE SHIFT events. The students from various other institutions also participated in the events.

A glimpse of wide range of events organised by various departments as part of PHASE SHIFT 2022 are as detailed below:

- ✚ AIChE Student Chapter of the dept. of Chemical Engg organized a debate, 'Pursuit of Debate' and around 20 teams participated in the event. Erstwhile President of AIChE Student Chapter of BMSCE, Ms. Vallari N, 2022 alumna was the judge for the event.



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The Oil-Blend perfume making Workshop was conducted by Ms.Prathyusha N D and Ms.Vaishnavi R., V semester students of the Department of Chemical Engineering of the college. The event was a hands-on activity and had enthusiastic participation with 37 participants including external participants.

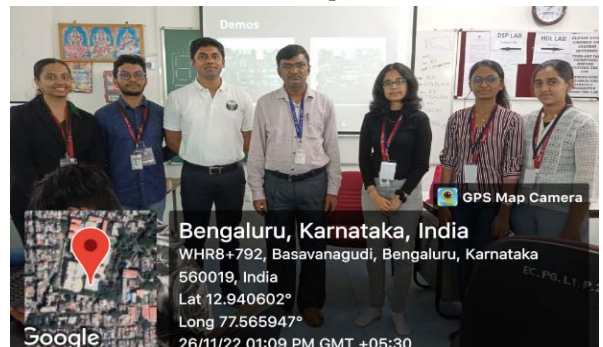


The department of Civil Engineering organised the following events:

1. Sketch It
2. Data Hunt
3. Introduction To LIDAR And Its Applications
4. Structural Health Monitoring

The Department of Electronics and Communication Engineering organized the following workshops:

- Workshop on 'Digital Design Using Virtual FPGA' - Sri. Kunal Ghosh, Director and Co-Founder of VLSI System Design Corp. Pvt. Ltd., and Sri. Bala Dinesh IIT-M were the resource persons.
- Workshop on 'Embedded System Design with ARM SoC' - Sri.Raghavendra D P, Assistant Manager and Sri. Koushik, SM Electronics were the resource persons.
- Workshop on 'Driving into the Future with Electric Vehicles' - Sri. Srinivasa Chakravarthy Perala, Design and Development, Perasia Technologies Pvt Ltd., was the resource person.





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The department of Electronics & Communication conducted the following events :

➤ Fury Road:



➤ Electrostorm:



➤ Crypto Cartel:



➤ Fetch Decrpyt Execute:



The department of Computer Applications organised Data Wranglers event. The event was based on the trends in Data Science, Business Analytics, AI & ML and Big Data.



The flagship event from Department of Medical Electronics Engineering was organized with Sri. Srikrishna S Chippalkatti, Joint-Director CDAC as resource Person.





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- ✚ The Department of Medical Electronics Engineering organized a workshop based on data security in digital health named MED-Shield. It consisted of two talks from the experts in the field. One on datafication in the medical domain and the other one on digital trust. The speakers were Smt.Anandi Giridharan, Principal Research Scientist IISC and Smt.Gayathri Devi B R, Asst.Manager Hindustan Unilever.



- ✚ The VII semester students in the department of Medical Electronics along with their faculty members, Dr.Niranjan KR and Dr. R Kalpana visited the Siemens Healthineers.



- ✚ Dr. Veena M B, Associate Professor in the Department of Electronics and Communication Engineering along with Mr. Shivakumar V from CPRI and a research scholar, presented a research paper titled, 'Information Security Management for Smart Power Grid - Standards based Approach' in IEEE PIICON 2022, 10th Power India International Conference at NIT, Delhi conducted during Nov. 25-27, 2022.

November 26th, 2022

- ✚ A host of events organised on the second day of PHASE SHIFT 2022 are as detailed below:
- ✚ A Technical Talk on Electrolysis was organised by Department of Chemical Engineering in association with IICHe BMSCE Student Chapter. The resource person was Sri. Chandramani P G, Electrolysis and Electroplating Consultant, who has more than 35 years of experience at Bharat Electronics Limited, Bengaluru.





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✚ Mr.Vidhaan Appaji and Mr.Syed Ayman Ahmed, students of Computer Science department organized and Co-ordinated the Event, 'Build Your NFT Mint' which was conducted in blended mode. The resource person, Sri. Nikhil C from Morgan Stanley conducted the workshop and cleared all the misconceptions on the topic among the participants.



started with the introduction of blockchain and the disadvantages of the current systems. Theory based on blockchain was discussed at the workshop which was followed by hands-on session on the "Shardeum" environment. The workshop also included the importance of "Build for Community" concept. The workshop ended with a quiz which had two rounds - 1) Online quiz on telegram and 2) Oral quiz of 10 questions. The participants who performed well in the first round were selected for the second round. The resource person was Mr. Krishna Dvaipayan who is part of BOBDAO - a student community which works on blockchain.



✚ The department of Computer Science & Engineering organised a workshop, 'Build for web3' which was a 4-hour long workshop which was conducted on basics of blockchain technology. The workshop





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✚ An event titled, 'MAFIA GAME' was organised by the department of Computer Science & Engineering. The aim of this game was to find out the killer virus and its victims in order to save the villagers. Participation was in teams of two, a detective and doctor where they went through 3 phases of questions. Phase one consisted of tracing a program to find the output. The outputs led to clues for a scavenger hunt which was Phase two. The third Phase consisted of decrypting the hints found as a result of Phase two which concluded to give the final answer. Winners were determined as the first two teams with most points.



✚ Department of Computer Science & Engg., organised an event titled, 'GRID GAME'. This was a board game organized by <CodeIO/> which puts ones' tech skills, accuracy and speed into test and an amazing event to use tactics and tech skills.



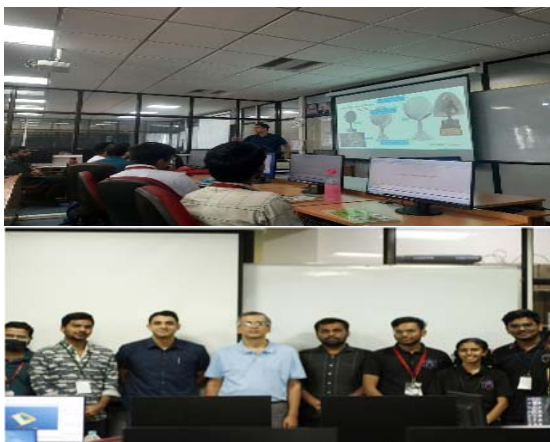
✚ Department of Mechanical Engineering organized two informative workshops on 'Generative design' and 'Image processing', topics related to highly in-demand skills in mechanical R&D areas.

- **Generative Design Workshop**
:Generative Design involves generation of parts with the least material or high resilience under desired conditions. Sri. Vivek and Sri.Varun from M/s Hexagon, an MSC Company, were the resource persons for the workshop. Event had hands-on experience with the generative design techniques and the software, student version of which were provided for this endeavour by the company.



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- **Image Processing Workshop :** Image processing workshop was conducted by Dr. Hanumatharaju, Professor, Department of Electronics & Communication Engineering, B. M. S. Institute of Technology.

✚ The department of EEE conducted following three fun events.

- **MINI MANIA** -was an all day event where the organizers built games made of Arduino and allowed the participants to play, depending on the time consumed the winner was finalized.
- **BOB THE CIRCUIT BUILDER** -was the flagship event of the department in which eventually the participants had to rig up the circuit in the final round. The team that rigged up the circuit fastest, without errors were declared the winners.

- **BIG DADDY** -was a complete auction based event where the participants were given questions and had to bid some fake currency to answer the question. The team having the maximum currency at the end of the game was declared the winners.



✚ The Department of Electronics and Instrumentation Engg., organized the following events :

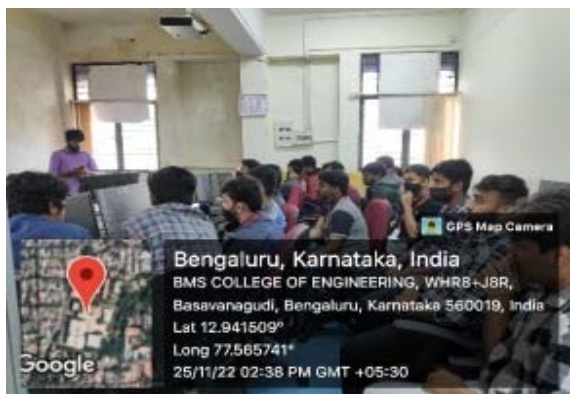
- **Environmental Parameter Monitoring and Control Workshop.** The resource person was Sri. Ashutosh Srivatsava & Sri. Adarsh from Sunlux Innovation .
- **Virtual Factory :** The resource person was Sri. Ajeya B and Sri.Deepak Kumar from Modelicon Info Tech.
- **Anadigics Locker:** The resource person was Miss. Sindhuja V from Robert Bosch.
- **PLC Workshop:** The resource person was Sri.Deepak Jawali from Mitsubishi Electric India Pvt. Ltd.



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- Maze Runner : The resource person was Mr. Prajwal Upoor from Sandvine.



- The Department of ISE organized the following events:

- An online technical session on “Access Denied” by Sri. Ajinkya Lohakare, TEDx speaker and CTO ditto security.
- “Hackaphasia- AI Hackathon” with Augment.AI. Machine learning and Deep Learning Workshop
- “LOGOMANIA 7.0” : the event was the 7th version of logo quiz with a twist to see how well participants know businesses and logos.
- “RPA WORKSHOP” by Sri.Basavadarshan, Sri. Kiran Kumar and Sri. Bopaiah MS from UiPath.
- Dept. of ISE in association with the astronomy club of BMSCE and Augment.AI organized an online Technical workshop on “AI in Space Exploration” by Sri. Pon Sudhir Sajan.
- “DiffuseAI”, a 24-hour AI Hackfest in collaboration with Cellstrat. The event consisted of 3 rounds for judging the contestants based on their creativity and implementation skills. The event judges were Sri.Vivek Singhal, Co-founder and Chief Data Scientist, CellStrat Inc., Sri.Niraj Kale, Principal Engineer, Ezetap and Sri.Sharad



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Baorathi (CEO Embitel).



Department of Computer Applications organized a guest talk on 'Platform For Next generation Cyber Security' by Dr. Aras Arasilango, Chief Executive Officer/ Founder of Testenium Pvt.Ltd UK , and

Sri.Harikumar Santhibhavan, Chief Technology Officer of Testenium Pvt. Ltd., UK.



Department of Medical Electronics Engineering hosted a theme-based Capture the Flag competition named Record Defense. The competition was hosted on the CTFD platform where it was automatically graded.

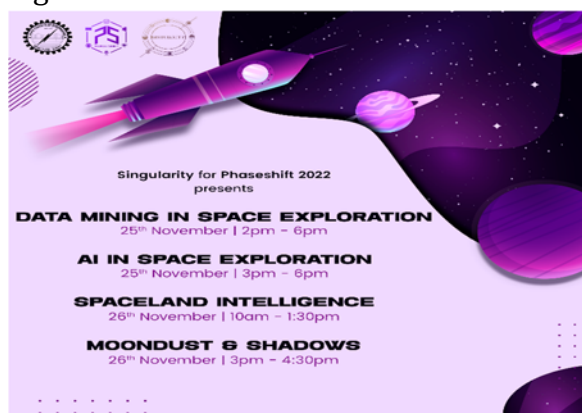




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- ✚ The Physics Department Astronomy club known as 'Singularity' successfully organized three events titled Moon Dust & Shadows, Data Mining in Space Exploration, Space and Intelligence and a workshop on AI in Space Exploration in collaboration with Augment.



- ✚ The department of Aerospace Engineering organised the following event.

- May Day-An enthralling journey to find the reason hidden behind the crash of "Skyline Airways". Solve a host of technical puzzles to unravel the mystery. The teams must perform logical deductions to come to the right conclusions and finally present their analysis at the end of their turns. Resource person was Sri.Pradyumna Hooli, Collins Aerospace.

- Aero Panelists-A paper presentation competition that assesses a wide range of abilities, including communication and technical expertise. Following discussions with industry experts, a problem statement that is pertinent to the industry is determined, and it will be made known to all participants in advance. The teams would then have to brainstorm and come up with original solutions for the stated challenge. The winning team will be the one with the optimum solution to the problem statement. Resource Persons were Air Cmde CB Shenoy, MD, Saish GSE PVT Ltd., Gp Capt. Ramesh Kumar (Retd),DGM, HAL.

- Race to Space-A tacky technical test of wits and logic, teams have to get through a crossword round followed by a technical puzzle quest leading up to a high pressure round (quite literally), where they have to launch a projectile (water bottle), where the winner is decided with the furthest launch! Resource person was Smt.Gayathri Mynahalli, Collins Aerospace



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During Phase Shift 2022, each of the departments exhibited their projects in the stalls.



The department of EEE secured first place in project stall exhibition.

projects that were presented included Insole Pressure Sensor Data Acquisition System, Lingua Pigmentation Detector, Audile Gloves and Detection of Respiratory Abnormalities using Smart Spirometer, Vaginal Infection Detector. The projects displayed were in sync with the UN Sustainability Goal 3, Healthcare.



The Department of Chemical Engineering secured Third place in the Project Stall Exhibition.



The Department of Medical Electronics Engineering secured second place in the Project Stall Exhibition. Some of the



The collaborative effort of all the departments of the institution made the PHASE SHIFT 2022 event, a grand success.



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- ❖ Dr. A. Satya Nandini, Professor in the department of MBA chaired a session in the Two-day International Conference on “Transforming Business Practices through Disruptive Technologies” organised at NMIT, Bangalore .



Hazard Mapping”, “Open Channel Flow - Rapidly Varied Flow & Gradually Varied flow” and “Hydrostatic Pressure on Lock Gates” in “Experience Life @3DS” event organised at Dassault System Office, Bengaluru.



- ❖ Dr. A. Satya Nandini, Professor in the department of MBA received cash prize & an award for one of the best cases titled, "Taskmo- Challenges faced by GIG economy and Way forward" presented by her in the Case competition held at NMIT, Bangalore.

- ❖ Mr.Akil Saravanan, first Semester student in the department of Electronics and Instrumentation Engineering and Mr.M D Tejas,first Semester MBA student represented VTU in South Zone Inter University Badminton Competition organised at Jain University, Bengaluru, Karnataka during Nov.27th-30th , 2022.

November 27th, 2022

- ❖ A group of 10 students from the department of Civil Engineering along with Sri. Alok Pandey, Assistant Professor, Dr. Reshmi Devi T V, Associate Professor and Dr. Geetha Kuntoji, Assistant Professor in the department presented their projects on the topics, “Predictive Flood Simulation &





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- ❖ On the occasion of International day of Elimination of Violence against Women, 'Nature Connect', a walk in nature was organised by BMSCE Women's Cell. The participants walked around the Lalbagh interacting with the walkers and joggers in the park with the aim of raising awareness for Elimination of Violence against Women.

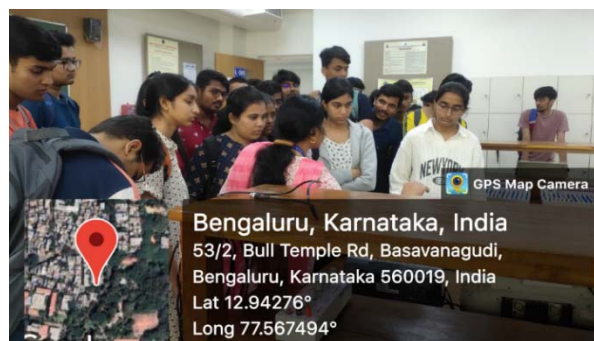


- ❖ The NSS volunteers of the college participated in 361 Green Sunday organized by Adanya Chetana Foundation at Bande Mahakalamma parking premises, adjacent to kempambudi lake.



November 28th, 2022

- ❖ As a part of induction program, the first-year students visited their respective departments. Various activities were organised at the departments for the students.





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- ❖ Prof. C. T. Puttaswamy, Professor in Department of Chemical Engineering organized E-Waste awareness program at the college in association with Karnataka State Pollution Control Board, Sogo Synergy Pvt. Ltd.

- ❖ VTU Bengaluru Central Division Basketball Men Tournament was organised at NHCE, Bengaluru on 28th & 29th November 2022. BMSCE Basketball Men team won the Runners-up trophy.



- ❖ Dr. Mangala Keshava, Associate Professor in the department of Civil Engineering attended the Lecture Program on 'NEP-2020: with Special Reference to Technical Education' by Prof. Damodar Acharya, Former Director, IIT Kharagpur organised at NAAC campus, Nagarabhavi, Bengaluru.

November 29th, 2022

- ❖ Department of Computer Science and Engineering organised an Industrial visit to HP Enterprise Company for 5th semester students in the department. Smt. Sheetal and Sri. Vikranth, Assistant Professors in the department coordinated the event.





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- ❖ Dr. K. Panimozhi, Assistant professor in the Dept of CS&E was invited as Resource Person for 3 days workshop on 'IoT and its applications-Hands on' conducted by Mailum Engineering College, Vilupuram, Tamil Nadu.



- ❖ The V semester students of department of Medical Electronics Engineering visited Kaynes Technologies Mysuru, to explore production of Medical devices designed by InnAccel Technologies, Bangalore and Dr.Niranjan KR., Assistant Professor in the department accompanied the students.



- ❖ Dr. Karthik Kumara, Assistant Professor in the Department of Physics published a research paper titled, 'One-pot reproducible Sonosynthesis of trans-[Br(NNN')Cu(μ Br)2Cu(NNN')Br] dimer:[H....Br S(9)] synthons, spectral, DFT/XRD/HSA, thermal, docking and novel LOX/COX enzyme inhibition' in Journal of Molecular Structure. Q2 Journal, with impact factor 3.841, [Volume No 1275](https://doi.org/10.1016/j.molstruc.2022.134626), Page No 134626, ISSN 0022-2860, <https://doi.org/10.1016/j.molstruc.2022.134626>

- ❖ On the occasion of International Day for the Elimination of violence against Women, women cell of the college organised Poster Presentation competition & Elocution competition for the students. The theme for the poster presentation competition was "Elimination of Violence against Women". Participants were asked to form teams of 2 members and design posters of A3 size using any digital or non-digital medium. The topic for elocution



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was “Elimination of Violence against Women” and “Women Empowerment”.



November 30th, 2022

- ❖ Dr. Veena M.B, Associate Professor, Department of Electronics and Communication Engineering and Ms. Aishwarya S Murthy, post-graduate student in the department published a research paper titled, ‘Research Investigations On Diabetic Retinopathy Detection Using Deep Learning Frameworks’ in Neuro Quantology , Volume 20, Issue 6 , Page No. 907-912, Doi: 10.4704/nq.2022.20.14. NQ880127.



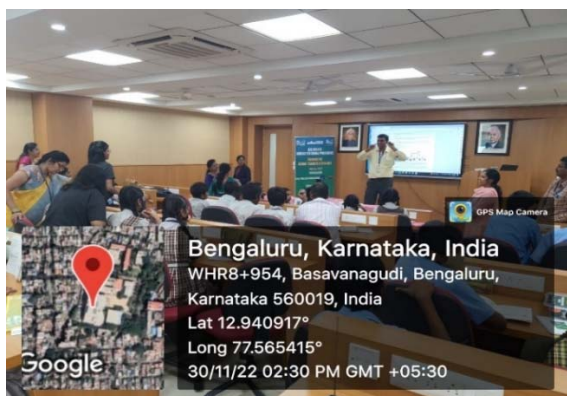
- ❖ On the occasion of International Day for the Elimination of violence against Women, women cell of the college organised a debate competition to the students. The topic for debate was “Women Empowerment: Responsibility of the individual or the society?”. Participants were instructed to form teams of two. A total number of 7 teams participated, presented their views and debated on the topic. The debate was held in two rounds, with 3 and 4 teams each. The best 2 teams were selected as the winners of the competition.



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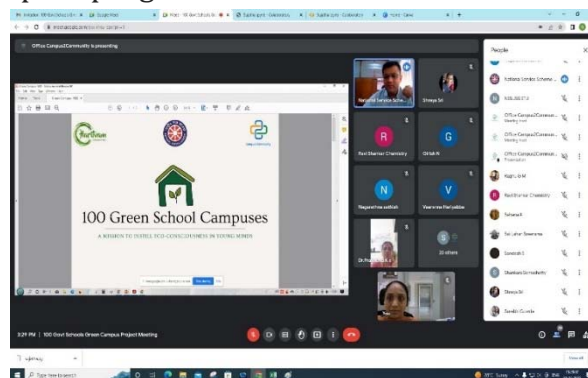
- ❖ BMSCE hosted IEEE SPS K12 Science for Signal Processing - Training the School Teachers & high school students. The event was sponsored by the IEEE Signal Processing Society, HQ, USA, and supported by IQAC BMSCE, IEEE BMSCE Student Branch, and IEEE SIGHT Bangalore. 100 high school students and teachers from 10 schools (Government and Private) attended this unique training.



- ❖ Dr. Murugendrappa M V, Associate Professor and Head, Department of Physics

attended the BOS meeting at PESCE, Mandya as an external member.

- ❖ Dr Sujatha N., NSS Programme Officer of the college attended the online meeting organised by Haritvam, an initiative of Campus 2 Community in Collaboration with NSS Karnataka & Department of Education and deliberated on 100 Green School Campuses project as a pilot program.



- ❖ BMSCE Kabaddi Women team participated in VTU Bengaluru Division Kabaddi Women Tournament organised at APSCE, Bengaluru and bagged Winners Trophy.

