



## B.M.S. COLLEGE OF ENGINEERING, BENGALURU

Autonomous Institute, Affiliated to VTU

### REPORT ON COLLEGE ACTIVITIES – APRIL 2024

April 1<sup>st</sup>, 2024

- Induction Program Phase-II for first year students of the academic year 2023-2024 was inaugurated on 1<sup>st</sup> April, 2024. Various sessions on personality development, communication skills, community service programs, talk by distinguished personalities were organised during 10 days of the induction program.



- Dr. Kavitha Sooda, Associate Professor in the department of Computer Science & Engineering participated in a 3-day Faculty Development Program on 'Cyber Security' as per BCY402 and BICL404 4<sup>th</sup> Semester VTU-2022 syllabus organised by RVITM, Bengaluru.



- Dr. Preethi K. Mane, Associate Professor and Smt. Kumuda S., Assistant Professor in the department of Electronics and Instrumentation Engineering attended 'Two- day Workshop on 5G' organised at IIT Madras.

April 2<sup>nd</sup>, 2024

- Dr. Abhishek Appaji, HOD-R&D was invited to organise ICASSP 2025 Satellite event series as General Chair at HICC, Hyderabad.



April 3<sup>rd</sup>, 2024

- Department of Medical Electronics organised a talk on 'Navigating the Regulatory Landscape for Medical Devices' by Ms. Ishani M Alawani, Regulatory Affairs Analysts, Origin Medical, Bangalore for the benefit of UG & PG students in the department.



## B.M.S. COLLEGE OF ENGINEERING, BENGALURU

Autonomous Institute, Affiliated to VTU

### REPORT ON COLLEGE ACTIVITIES – APRIL 2024

✚ Department of Electronics and Instrumentation Engineering organized a guest lecture titled, 'PSU JOB Opportunities' by Sri. Vineet Gupta, Chief Mentor, CONTENT.



presented the Project titled, 'Near Zero Base State Stability Analysis of Power-law Fluid Flow through a Porous Medium' at University Melbourne, Melbourne Australia.

April 4<sup>th</sup>, 2024

✚ Mr.Aravind Sreekanth, Ms. G Divyashree, Mr.Ganavi V Raghavan, 6<sup>th</sup> semester students of the department of Chemical Engineering under the guidance of Dr.Sainath K and Smt. Shabnam Siddiqui, Assistant Professors in the department presented a project titled, "*Prediction of air quality index (AQI) in Delhi*" at the Chemovation 2024, DSCE, Bengaluru. The team won the first prize for best oral presentation.

✚ Dr. Manjunatha S.O., Assistant Professor, Dept. of Physics co-authored & published a research paper titled, "Synthesis, characterization and application of rare earth (Lu<sup>3+</sup>) doped zinc ferrites in carbon monoxide gas sensing & supercapacitors", in Ceramics International (2024) (In Press) with impact factor **5.2**, **SJR: Q1**, ISSN 0272-8842 (print) 1873-3956 (Electronic)DOI: <https://doi.org/10.1016/j.ceramint.2024.04.045>

✚ Placement Club of department of Computer Applications organized a press panel and the student teams gave presentation on the given scenario.



✚ Dr. Chandra Shekara G, Assistant Professor, Dept. of Mathematics attended the 'MATRIX Research Program on Instabilities of Flows in Porous Media' organized by Anja Slim (Monash University) Scott McCue (Queensland University of Technology), Edward Hinton (University of Melbourne), and Anne De Wit (Universite libre de Bruxelles) during April 3-21, 2024 and also completed and

✚ Ms.Seema N. Poojary, Mr.M.S. Pranav Karanth and Ms.G.Divyashree, sixth



## B.M.S. COLLEGE OF ENGINEERING, BENGALURU

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### REPORT ON COLLEGE ACTIVITIES – APRIL 2024

semester students of the Chemical Engineering department under the guidance of Smt. Shabnam Siddiqui, Assistant Professor in the department presented a poster titled, “*Production of Biodiesel from Microalgae*” at the Chemovation 2024, DSCE, Bengaluru. The team was awarded 2<sup>nd</sup> prize for the said presentation.

✚ Dr.S.Uma, Associate Professor in the Department of Computer Applications was invited as a resource person for one day workshop on ‘Overview of NBA Process for MCA’ organized by Kongu Engineering College, Perundurai, Erode.

✚ Sri. Pradeep S., Assistant Professor in the department of Chemical Engineering was invited as a judge for paper presentation session of the Chemovation Symposium themed, ‘Utkranti’ organised at Dayananda Sagar College of Engineering, Bangalore .



✚ Department of Electronics and Communication Engineering organized a

lecture on ‘Verifying Next Gen Designs with Formal’ by Dr. Raj S Mitra, Director, CISMA - a subsidiary of VeriKwest Systems Inc, Bangalore for the benefit of 6<sup>th</sup> semester students in the department. The talk was followed by an interactive session with the students. CISMA also offered internships to selected students in the verification domain. Dr. Kiran Bailey, Assistant Professor & Smt. K Sujatha, Associate Professor in the department coordinated the event.



✚ Dr. Sudarshan B., Dr. Venkatesh T. Lamani, and Dr. Sangamesh C. Godi, Assistant Professors in the department of Mechanical Engineering participated in ‘International Conference on Advances in Aerospace and Energy Systems (IAES-2024)’ organised at Liquid Propulsion System Centre (ISRO), VSSC, Thiruvananthapuram, Kerala during April 4-7, 2024 and presented five papers along with the students. The details of the papers presented at the conference are as cited below:



## B.M.S. COLLEGE OF ENGINEERING, BENGALURU

Autonomous Institute, Affiliated to VTU

### REPORT ON COLLEGE ACTIVITIES – APRIL 2024

- ✚ Paper title: Experimental Aerodynamic Study on Modified Airfoil with different leading and trailing edge Geometries, Paper ID-368

Authors: Dr. Sudarshan B, Assistant Professor & students, Mr. Likith Gowda N.R., Mr.Pannag Bhaskar Kini, Mr.Niranjan S Hegde & Mr.Mohammad Azeez Chikkabbar.

- Paper title: Photo luminescence-based surface flow visualization study of an airfoil with leading edge sinusoidal tubercles, Paper ID-656

Authors: Dr. Sudarshan B, Assistant Professor & students, Mr.Amit Kaniyattu Roy, Mr.Manish M S, Mr.Mohammad Fahad, and Ms.Meenakshi Basavaraj Aili.

- Paper Title: Aeroacoustics measurements for a NACA0020 airfoil with tubercles and serrations, Paper ID-675

Authors: Dr. Sudarshan B, Assistant Professor & students, Mr.Sohan C S, Mr.Jayanth V T, Mr.Vikram S, & Mr.Vignesh P.

- Paper Title: Numerical Investigation of Combustion, performance and emission studies of HCCI engine operated with carbon free fuels (Ammonia - Hydrogen blends), Paper ID-348

Authors: Dr.Venkatesh Lamani, Dr.Sudarshan B., Sri. Ramesh M. Chalkapure, Assistant Professors, Dr.Bheemsha, Professor & Vice

Principal (Adm) and student, Mr.B Kotresha, GEC, Haveri.

- Paper Title: Influence of NH<sub>3</sub>/H<sub>2</sub> doping ratio (carbon free fuels) on laminar flame speed and NO emission, Paper ID-628

Authors: Dr. Venkatesh Lamani, Dr.Sudarshan B., Sri. Ramesh M. Chalkapure, Assistant Professors, Dr.Bheemsha, Professor & Vice Principal (Adm) and student, Mr.Swapnil K Singh.



April 5<sup>th</sup>, 2024

- ✚ Department of Electronics and Communication Engineering in association with Impulse VLSI organized a talk on 'Future of semiconductor design and FINFET' by Sri. Manjunath Jadhav, Business Owner, Impulse VLSI, for the pre-final year students in the departments of ECE &



## B.M.S. COLLEGE OF ENGINEERING, BENGALURU

Autonomous Institute, Affiliated to VTU

### REPORT ON COLLEGE ACTIVITIES – APRIL 2024

EEE on 5<sup>th</sup> & 6<sup>th</sup> April 2024. Dr.Vasundhara Patel K S., Professor, Dr.Hemavathi, Assistant Professor, Dept., of ECE and Dr. Nethravathi, Assistant professor, Dept., of EEE coordinated the event.



The Department of Training and Placement in association with departments of Mechanical Engineering, Electrical & Electronics Engineering and Electronics & Communication Engineering organized extension lecture series on

- 'Embrace the Chill of Powertrain Technology' by Sri.Akshay T G, Lead Engineer, Functional Safety, Bosch Software India
- 'Alstom overview & System Engineering in Railways' by Sri.Rakhi Jain, Senior Systems Manager, Alstom India.

Ms. Nisha P G., Research scholar in the Department of Physics presented (online) a paper on the topic, 'Increasing Trend of Lightning Flash Rates over Indian Land Region: Impact of Global Warming' in International Conference on Sustainable Research in Energy and Environment (SREE)-2024 jointly organized at Dr. B R Ambedkar National Institute of Technology, Jalandhar, Punjab and also won the best presentation award.

Dr. R V Ranganath, Professor, Department of Civil Engineering was invited to deliver a lecture on the topic, "Ultra High performance of Concrete" to the final year M.Tech students at RVCE, Bengaluru.

Dr. Prakash H. R and Dr. Ram Rohit V., Assistant Professors in the department of Mechanical Engineering attended online course on 'Module-8: Institutional Management & Administrative Procedure' conducted by NITTT, Chennai during April-May 2024.

April 6<sup>th</sup>, 2024

ELSOC club members from the Department of Electronics and Communication Engineering visited Belaku Shishu Nivasa, an orphanage in Basavangudi, Bangalore as part of a social initiative. The club members interacted with the children and donated essential items such as food, stationary and clothing. Dr.Siddappaji,



## B.M.S. COLLEGE OF ENGINEERING, BENGALURU

Autonomous Institute, Affiliated to VTU

### REPORT ON COLLEGE ACTIVITIES – APRIL 2024

HOD-ECE, Dr. Archana H R, Faculty Coordinator, a few faculty members and student volunteers from the department participated in the event.

- The project undertaken by Dr. Y. K. Suneetha, HOD-Chemical Engineering, Mrs. Shabnam Siddiqui, Assistant Professor, Chemical Engineering Department in collaboration with CMTI was successfully completed and the technology is ready for usage. The project closure meeting was held at BMSCE.



- The Electoral Literacy Club(ELC) and NSS unit of the college hosted an informative session by BBMP's SVEEP officials. Students were introduced to the Bengaluru ZP Instagram page and apps like VHA and cVigil. Emphasizing civic engagement, the session highlighted the role of social media in ensuring electoral transparency. Students were encouraged to actively participate in democratic processes.



- The Cultural Club, Department of Computer Applications facilitated a platform for first-semester students to showcase their talents.



- The Department of CSE organized a technical talk on “Dockers and Kubernetes” by Sri. Ravi Sajjanar from



## B.M.S. COLLEGE OF ENGINEERING, BENGALURU

Autonomous Institute, Affiliated to VTU

### REPORT ON COLLEGE ACTIVITIES – APRIL 2024

HPE, Bangalore for the benefit of the students.



April 8<sup>th</sup>, 2024

- The Electoral Literacy Club(ELC) and the NSS unit of the college hosted a briefing by SVEEP officials for first-time voters. The session imparted knowledge on voting procedures, voter rights and the significance of democratic participation. Participants pledged to uphold democratic values and exercise their voting rights.



- Dr. Manjunatha S, Assistant Professor, Department of Chemistry co-authored & published a research paper titled,

'The enhanced galvanostatic and impedance studies of silver doped  $ZnAl_2O_4$  anode material for Li/Na ion batteries' in an international journal '*Applied Physics A: Materials Science and Processing*' Vol. 130 pp 300. 10<sup>th</sup> April 2024, Impact factor: 2.983 (2021) ISSN: 0947-8396, DOI:<https://doi.org/10.1007/s00339-024-07415-9>,

April 11<sup>th</sup>, 2024

- The ELC and NSS volunteers of the college participated in a voter awareness program organized by the Election Commission in collaboration with the Bruhat Bengaluru Mahanagara Palike (BBMP) and Union Bank. The event, which included a Bi-Cycle rally at the Vidhana Soudha aimed to promote voter participation.





## B.M.S. COLLEGE OF ENGINEERING, BENGALURU

Autonomous Institute, Affiliated to VTU

### REPORT ON COLLEGE ACTIVITIES – APRIL 2024

April 12<sup>th</sup>, 2024

- The department of Electronics and Telecommunication Engineering organized a talk on 'A Research Blueprint-Finding your Research' by Dr. Shruti Kubatur, Senior Machine Learning Scientist, Apple Inc, USA and an alumnus of the department.



enhancing problem-solving abilities.



- Dr. Umadevi V., Associate Professor in the department of CSE was the jury member for the 'National Level Project Competition-2024' organized by Bangalore Institute of Technology, Bengaluru .



- Dr.G.S.Ananthnag, Assistant Professor, Department of Chemistry delivered a talk on 'Basics and Applications NMR Spectroscopy' at Manipal Institute of Technology, Manipal on 12<sup>th</sup> & 13<sup>th</sup> April 2024.

April 13<sup>th</sup>, 2024

- Pre-placement training program was conducted for first semester MCA students. The training included sessions on communication skills, art of crafting well-structured emails, catering to both formal and informal contexts, revisiting fundamental mathematical concepts aimed at

April 14<sup>th</sup>, 2024

- Bharata Ratna Dr. B.R. Ambedkar's jayanthi was celebrated in the Principal's chamber of the college.







## B.M.S. COLLEGE OF ENGINEERING, BENGALURU

Autonomous Institute, Affiliated to VTU

### REPORT ON COLLEGE ACTIVITIES – APRIL 2024

- Dr. Abhishek Appaji, HOD-R&D was invited to organise PROGRESS Workshop as Session Chair at ICASSP 2024 held in Seoul, South Korea.



April 15<sup>th</sup>, 2024

- Official Social Media was launched by Sri.Aviram Sharma, Trustee, BMSET.



- Placement training activity was conducted by Universal Education for first semester MCA students. The program focused on resume building, soft skills, problem-solving in number systems etc.



- Dr.Vijayalakshmi K, Professor in the department of Medical Electronics delivered a talk (online) on 'Neuroscience and its applications' in the webinar organized by Neurophysics Society, Bengaluru.



- Sri.Hemant Gadgil, Program Director, La Foundation - Dassault Systemes, visited the Department of Mechanical Engineering to review the progress in projects funded by La Foundation being executed in the Department. Sri.Hemant Gadgil interacted with the faculty and students in the Product Innovation Laboratory.



## B.M.S. COLLEGE OF ENGINEERING, BENGALURU

Autonomous Institute, Affiliated to VTU

### REPORT ON COLLEGE ACTIVITIES – APRIL 2024

April 16<sup>th</sup>, 2024

- The NSS unit of the college in collaboration with the Karnataka State Fire and Emergency Services Department organized an event aimed at promoting fire safety awareness and understanding fire fighting mechanics. The event featured live demonstrations by firefighters, interactive sessions with experts and crucial information on fire prevention and emergency response were detailed to the participants.



Fig. Briefing Session by Fire Station Officer, Mr.Suresh

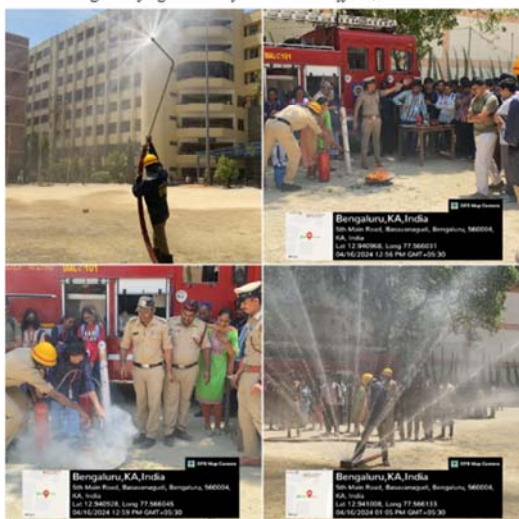


Fig. Live Demo and learning session

April 17<sup>th</sup>, 2024

- Twelve student project proposals across the departments have been approved for sponsorship from Karnataka State Council for Science and Technology (KSCST) in 47<sup>th</sup> series of Student Project Programme (SPP)-2023-24.
- Dr.Srinidhi Raghavan M., Assistant Professor, Department of Chemistry co-authored & published an article titled , 'Effective Removal of Cr (VI) from an Aqueous Solution using a Carbon Coated NiFe<sub>2</sub>O<sub>4</sub> Nano-Adsorbent' in a Q1 journal published by Colloids and Surfaces A: Physicochemical and Engineering Aspects" Elsevier, **IF:5.2** Online ISSN:1873-4359, page no.134012 17<sup>th</sup> April 2024, DOI: <https://doi.org/10.1016/j.colsurfa.2024.134012>, **Volume 693**.
- Dr. Abhishek Appaji, HOD-R&D attended Chapter Chair Meeting at IEEE ICASSP 2024 held in Seoul, South Korea.





## B.M.S. COLLEGE OF ENGINEERING, BENGALURU

Autonomous Institute, Affiliated to VTU

### REPORT ON COLLEGE ACTIVITIES – APRIL 2024

- Dr.B Kanmani, Professor, Department of Electronics & Telecommunication Engg., was invited to handle an online session on, 'Filter Circuit Design, Simulation and Real-world Signal Processing Applications' for students of Electronics and Communication Engineering, Chitkara University, Punjab



April 18<sup>th</sup>, 2024

- Ms. Priyanka, Indian Patent Agent, IP Cell, KSCST, IISc, Bengaluru conducted a session in the college as partial delivery of the course, 'Research Methodology and IPR' for first semester M.Tech students.



- Placement Club, Department of Computer Applications organized a group discussion for the students fostering a collaborative learning environment and Pick & Speak session.



- Ms.Jyothi A Goudar, Research Scholar in the department of Physics presented a paper on the topic, 'Theoretical Exploration of fundamental characteristics of electrolytes in energy storage device' in the two day National Conference on Sustainable Energy Conversion and Storage: Functional Materials, Systems and Applications (NCSECS-2024) organized at Christ University.

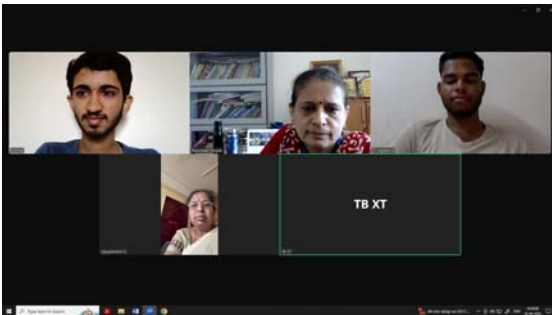


## B.M.S. COLLEGE OF ENGINEERING, BENGALURU

Autonomous Institute, Affiliated to VTU

### REPORT ON COLLEGE ACTIVITIES – APRIL 2024

- The departments of Electronics & Telecommunication Engineering and Medical Electronics organized an online meeting with Dr. Rajalakshmi, founder and CEO, Terrablue XT to discuss about the activities scheduled for the academic year as part of the MoU.



- invited to deliver a lecture on "Concrete Mix Design" at Dayananda Sagar Institute of Technology.



- Dr. V. Prema, Associate Professor, Department of EEE delivered a talk on 'Ideation for Entrepreneurship' during the 6-Day FDP on Design Thinking for Product Development at Vidya Vardhaka College of Engineering, Mysuru



- The Department of Electronics and Communication Engineering organized a technical staff training program on 'Concepts of Python Programming' during April 19-20, 2024 with an aim to upgrade the skills of the technical staff in Python Programming. Dr. Latha H N, Mrs. Pooja A P, Dr. P. Shachi and Mrs. D. Monika Sharma, Assistant Professors in the department were the resource persons.



April 19<sup>th</sup>, 2024

- Sri. K Arjun, Assistant Professor in the department of Civil Engineering was

- A group of twenty students and three faculty members from the department of



## B.M.S. COLLEGE OF ENGINEERING, BENGALURU

Autonomous Institute, Affiliated to VTU

### REPORT ON COLLEGE ACTIVITIES – APRIL 2024

Electronics and Instrumentation Engineering participated in International Society of Automation (ISA), Bangalore, Annual Professional Body intercollegiate tech fest named 'iACT-2024' organised at Federal Institute of Technology (FISAT), Kochi, Kerala on 19<sup>th</sup> & 20<sup>th</sup> April 2024. The student teams bagged I-Prize in 'Technical Treasure Hunt' and III-Prize in Poster & Project Presentation competitions during the fest. The teams also participated in AI/ML and AR/VR skill development workshops conducted by experts from Automation industries.

Dr. Veena N. Hegde, Professor, Sri.K.T.Krishnamurthy, Assistant Professor and Sri. Kumar D., Assistant Professor in the department accompanied student teams.



April 20<sup>th</sup>, 2024

- VTU Universal Human Values Cell (UHV) organized 4<sup>th</sup> monthly lecture for the students of 2<sup>nd</sup> Semester B.E. Prof. Anil D Sahasrabudhe, Chairman of NBA, NETF, EC-NAAC delivered the lecture (online) on 'How Universal Human Values bring peace and prosperity for mankind and planet'. Hon'ble Vice Chancellor, Prof.Vidyashankar S., VTU, Belagavi presided over the event. The online lecture was witnessed by the second semester BE students of the college at the auditorium.





## B.M.S. COLLEGE OF ENGINEERING, BENGALURU

Autonomous Institute, Affiliated to VTU

### REPORT ON COLLEGE ACTIVITIES – APRIL 2024

✚ Ms.Kshama Joshi and Ms.Ananya Vinayak Hegde, first Semester MCA students of the college secured Second Prize in the event, 'Hunter x' and Mr.Sachin K S & Mr.Vinod Kumar K M, first Semester students of MCA secured First Prize in the event, 'Coding and Debugging', organised by Department of MCA, M S Ramaiah Institute of Technology during April 19-20, 2024.



✚ Dr. Kavitha Sooda, Associate Professor, Department of Computer Science & Engg., participated in Industry-Academia meeting convened at Vidyavardhaka College of Engineering, Mysuru as an external expert member.



✚ Department of Computer Applications organized a hands-on workshop on 'Cloud Computing' for first semester MCA students. Sri. D. Dilip, CEO, Founder, Cloud Institution, Bangalore and Sri. Abhishek, Cloud certified trainers were the resource persons. Sri.P.Lakshminarayana, Associate Professor and Sri.M Siva Rama Krishna, Assistant Professor in the department coordinated the event.





## B.M.S. COLLEGE OF ENGINEERING, BENGALURU

Autonomous Institute, Affiliated to VTU

### REPORT ON COLLEGE ACTIVITIES – APRIL 2024

- The department of Electronics and Telecommunication Engineering signed an MoU with Vinidra Softtech, founded by Mr.S B Shivaditya, 6<sup>th</sup> semester student in the department.

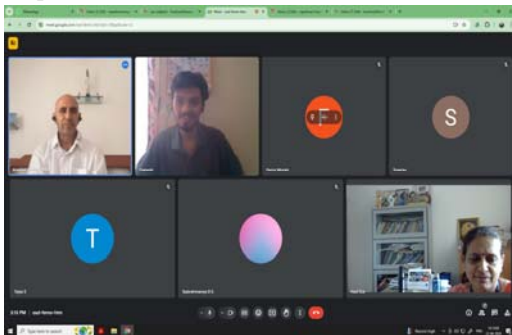


collaboration with BMSCE IEEE student branch organized an internship on 'Signal Processing and Communication using Matlab' by Dr. Prasanna Kumar M. K., Assistant Professor in the department for the benefit of 6<sup>th</sup> semester students.



April 22<sup>nd</sup>, 2024

- The department of Electronics and Telecommunication Engineering organized a meeting with Sri. Aravind Kamath, Founder and CTO, EMC Engineers to discuss the research project carried out by the students of the department.



- The Electoral Literacy Club (ELC) in collaboration with the NSS unit of the college organized voter awareness activities in the college. Under the theme, 'Democracy in Action: The Power of Each Vote', events such as Essay writing, Slogan and Poster competitions were conducted aiming to educate students.

- Department of CSE in collaboration with Department of CSE(ICB) and Department of AI & DS organized a prestigious International Conference on Emerging Technologies in Computer Science for Interdisciplinary Applications – ICETCS during April 22-23, 2024.

Dr.Jaya SreeValsan Nair, Professor, IIIT, Bengaluru was the Chief Guest, Air Vice Marshal KN Santosh VSM,

- The department of Electronics and Telecommunication Engineering in



## B.M.S. COLLEGE OF ENGINEERING, BENGALURU

Autonomous Institute, Affiliated to VTU

### REPORT ON COLLEGE ACTIVITIES – APRIL 2024

Commandant, SDI, AIRFORCE, Bangalore and Dr.Mohamed Sultan Mohamed Ali, Professor, Qatar University, Doha, Qatar were the Guests of Honor for the inauguration of the conference on 22.4.2024. Dr.S.Muralidhara, Principal presided over the event. Dr.Bheemsha, Vice Principal(Adm) & HODs graced the occasion.



The webinar on “Sustainable AI: Methods and Applications” delivered by Dr J Senthilnath , Senior Scientist, Institute for Infocomm Research (I2R) at Agency for Science, Technology and Research (A\*STAR) Singapore gave the audience a new perspective of various applications and techniques used in the field of AI.



The conference had paper submissions totalling to 400 from which around 83 papers were shortlisted and approved for the presentations. The sessions were spread across two days.



The sessions hosted various papers belonging to the tracks of ARVR, NLP, BC, IoT, AI-ML, HPC, SM and MM. The sessions progressed in online and offline modes. The faculty members of the college chaired the sessions.





## B.M.S. COLLEGE OF ENGINEERING, BENGALURU

Autonomous Institute, Affiliated to VTU

### REPORT ON COLLEGE ACTIVITIES – APRIL 2024



curriculum which was very motivational to the students. Dr. Bheemsha, Vice Principal (Adm), Deans and HODs graced the occasion.



The two day Mega event was concluded on 23<sup>rd</sup> April 2024. Dr Chengappa Munjandira, Vice Chair, IEEE, Bangalore Section was the Chief Guest for the Valedictory function. Dr Chengappa delivered a talk on the importance of having an updated industry ready

Dr. Umadevi V., Professor, Department of Computer Science & Engineering along with Ms. Vaishnavi Kamath UG (CSE) student published a paper titled, 'Assessing classification approaches for categorizing Ayurvedic herbs', in Springer Journal of Multimedia Tools and Applications, pp 1-25, ISSN:1573-7721, <https://doi.org/10.1007/s11042-024-19061-7> (Scopus, WOS, SJR 2023: Q1).



## B.M.S. COLLEGE OF ENGINEERING, BENGALURU

Autonomous Institute, Affiliated to VTU

### REPORT ON COLLEGE ACTIVITIES – APRIL 2024

April 23<sup>rd</sup>, 2024

✚ The project work carried out by Ms.Pruthvi B N., M.Tech student under the guidance of Dr. Sainath K., Assistant Professor in the department of Chemical Engineering and Mrs. Prathima B, Assistant Professor in the department of Civil Engineering received a grant of Rs.10,000 from the *Indian Water Works Association*.

✚ Ms.Seema N. Poojary, 6<sup>th</sup> semester student & Mr.Prakyath Prakash Thalya, 8<sup>th</sup> semester student of the Chemical Engineering department under the guidance of Smt. Shabnam Siddhiqui, Assistant Professor in the department presented a poster presentation titled, “*Development of structured adsorbent for defluoridation*” at the National level Tech symposium, Biochess 2024 organised at SIT, Tumkuru and won the first prize for best poster presentation.

✚ Ms.Seema N. Poojary, Mr. M.S.Pranav Karanth and Ms.G.Divyashree, 6<sup>th</sup> semester students of the Chemical Engineering department under the guidance of Smt. Shabnam Siddiqui, Assistant Professor in the department made an oral presentation titled, ‘*Production of Biodiesel from Microalgae*’ at National level Tech symposium, Biochess 2024 organised by SIT, Tumkuru and won 1<sup>st</sup> prize for best oral presentation.

✚ Department of Electronics and Communication Engineering in association with Manya - The Princeton Review organized a seminar on ‘Higher Education’ for pre-final year ECE students. Sri.Rahul Sreekumar, Regional Head, Manya- The Princeton Review was the resource person and the session was coordinated by Dr.Hemavathi, Assistant Professor, Dept., of ECE.



✚ Dr. Abhishek Appaji, HOD-R&D was awarded with Global Researcher Access Fund from UK Biobank. He is one of the early beneficiary of the fund and he was interviewed for testimony and Press UK Biobank data has benefited his research. <https://ow.ly/g5WX50ReP1K>. [UK Biobank gives hard-up researchers free access to data - Research Professional News](https://ow.ly/g5WX50ReP1K)





## B.M.S. COLLEGE OF ENGINEERING, BENGALURU

Autonomous Institute, Affiliated to VTU

### REPORT ON COLLEGE ACTIVITIES – APRIL 2024

- ✚ BIG Foundation (BMSreenivasaiah Innovators Guild Foundation), a Section-8 company promoted by BMS Educational Trust which provides a platform for innovation, incubation, research, consultancy and entrepreneurship was inaugurated by Sri.Aviram Sharma, Trustee, BMSET. Dr.S.Muralidhara, Principal, Dr.Bheemsha, Vice Principal(Adm) and other dignitaries graced the occasion.



- ✚ Dr. Archana H R, Assistant Professor, Department of Electronics and Communication Engineering co-authored and published a research paper titled, 'Design and Analysis of Imaging Chip Using High-Speed AXI-Interface for MPSOC Applications on FPGA' in the journal of

Wireless Personal Communications.

DOI- <https://doi.org/10.1007/s11277-024-11077-4>.

April 24<sup>th</sup>, 2024

- ✚ The department of Chemical Engineering organised an industrial visit to *Gandhi Krishi Vignana Kendra (GKVK)*, Bengaluru for 6<sup>th</sup> semester students in the department. Dr.Sreelakshmi Diddi, Assistant Professor in the Department of Chemical Engineering and Sri. Narayan Rao, Assistant Instructor accompanied the students.



- ✚ The student team from 'Singularity', the Astronomical Society of the college actively participated and celebrated Zero Shadow Day at the Jawaharlal Nehru Planetarium, Bengaluru by using indigenous Radio Telescope developed by student member of Astronomical Society



## B.M.S. COLLEGE OF ENGINEERING, BENGALURU

Autonomous Institute, Affiliated to VTU

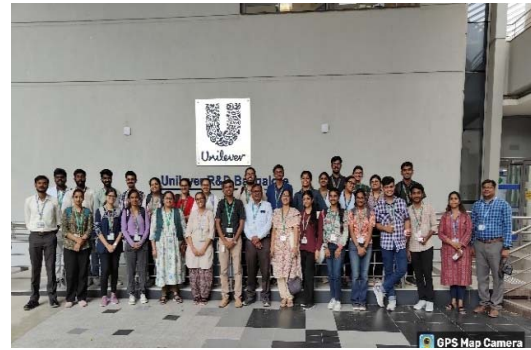
### REPORT ON COLLEGE ACTIVITIES – APRIL 2024

of the college to record the data.



April 25<sup>th</sup>, 2024

- The department of Chemical Engineering arranged an industrial visit to 8<sup>th</sup> semester students to *Unilever R&D, Bengaluru*. Dr.Y.K. Suneetha, HOD, Dr. Sreelakshmi Diddi and Dr.Sainath K, Assistant Professors in the Department of Chemical Engineering and Mr. Basavaraju K, foreman accompanied the students to the industrial visit.



- The NSS unit of the college organized a BOOK COLLECTION DRIVE in the campus to support Recyclathon-2024 organized by 'Youth for Parivarthana'. 'Youth for Parivarthana' team through its initiative, Recyclathon-2024 proposed to recycle the unused pages and distribute them to rural government school students .



- Two students' projects in the department of Chemical Engineering under the guidance of Dr. Sainath K and Dr. Sanjay Kumar, Assistant Professors in the department received a grant of Rs.5,000/-, each from the *Indian Institute of Chemical Engineers* .

- The department of Medical Electronics organised an Industrial visit to Forus Healthcare Pvt.Ltd for 6<sup>th</sup> semester UG students and 1<sup>st</sup> semester PG students to get exposure on Ophthalmic Imaging devices. Sri.S.Venkatakrishnan, CTO & Head - R&D Forus Health Pvt Ltd., briefed the students about the



## B.M.S. COLLEGE OF ENGINEERING, BENGALURU

Autonomous Institute, Affiliated to VTU

### REPORT ON COLLEGE ACTIVITIES – APRIL 2024

Ophthalmic Imaging devices development in the company and also about the internship and project opportunities to the students.



- Four student Project Work proposals submitted by the students of Civil Engineering under the guidance of Dr.Asha K, Dr. Manjunath S V and Smt.B.Prathima, Assistant Professors in the department were approved for Sponsorship of Rs.10,000/- each by IWWA - Bangalore Centre.

- The ELC and NSS unit of the college conducted a Voter Awareness drive at the campus for students and housekeeping staff. The event featured informative sessions and poster displays emphasizing the importance of voting. A symbolic "vote" formation involving students and Housekeeping staff members was held on the main ground. This initiative garnered media attention, including an interview with INDIA TV, extending the reach of the message. Overall, the drive succeeded in promoting civic awareness.



- The "Dell Alumni Connect session," conducted by BMSCE Alumni Network and Dell Technologies marked a significant milestone in bridging academia with industry. This impactful event featured esteemed alumni Mr.Adil Ameen (Telecommunication Engg,,2019) and Mr. Darshan Nagaraj (Civil Engineering, 2021), who graciously shared their professional journey and insights with over 150+ eager participants. Their invaluable contributions provided students with a deeper understanding of career pathways and opportunities within Dell Technologies.



## B.M.S. COLLEGE OF ENGINEERING, BENGALURU

Autonomous Institute, Affiliated to VTU

### REPORT ON COLLEGE ACTIVITIES – APRIL 2024

April 27<sup>th</sup>, 2024

- Placement training sessions for first semester MCA students was conducted by Universal Education. Students were engaged in discussions and exercises related to verbal reasoning skills, including comprehension, vocabulary and grammar.



- Dr. Selva Kumar, Assistant Professor, department of CSE along with the 8<sup>th</sup> semester students, Mr.Omar, Mr.Sreenath, Mr.Vignesh and Ms.Dhanashri in the department presented a paper and won the Best Paper Award in the National conference NPPTBI-24 organized by SVIT in association with IIC .

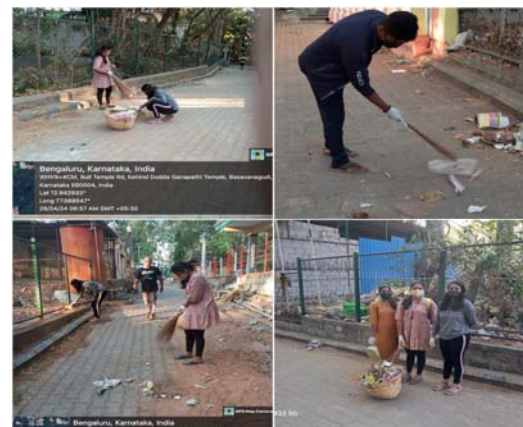
- Dr. Veena M B, Professor and Mrs.Monika Sharma D., Assistant Professor, Department of Electronics and Communication Engineering co-authored and published a book chapter titled, 'Design and Implementation of Five Port Label Switched NoC Router Using FPGA' in ICT: Applications and Social Interfaces, Lecture Notes in Networks and Systems (LNNS, Volume

908), Springer Nature Singapore Pte Ltd. 2024.

DOI: [https://doi.org/10.1007/978-981-97-0210-7\\_5](https://doi.org/10.1007/978-981-97-0210-7_5).

April 28<sup>th</sup>, 2024

- The NSS unit of the college in collaboration with BBMP organized a Cleanathon at Cubbon Park and in the vicinity of the Bull Temple, Basavanagudi. NSS volunteers enthusiastically participated in cleaning activities.



- NSS volunteers of the college actively participated in a series of Green Sundays 432, 433, 434 and 435 organized by



## B.M.S. COLLEGE OF ENGINEERING, BENGALURU

Autonomous Institute, Affiliated to VTU

### REPORT ON COLLEGE ACTIVITIES – APRIL 2024

Adamy Chetana Foundation on April 7<sup>th</sup>, 14<sup>th</sup>, 21<sup>st</sup> and 28<sup>th</sup>, 2024 respectively conducted at different locations including BU Bio Park-1, behind NSS Bhavana, Bengaluru University and BU NGEF Bio-Park near Gandhi Bhavana, Bengaluru University. The focus of these events was to contribute to environmental well-being through various activities such as planting saplings, providing essential care like watering and clearing weeds.



April 29<sup>th</sup>, 2024

- Dr.S.B. Bhanu Prashanth, Professor in the department of Medical Electronics participated in the BW Education NexGen Edu Summit 2024 organised at Taj hotel, Bangalore.



- Dr. Leena S., Assistant Professor in the department of MBA was invited to deliver an Expert Lecture on the topic, 'Supply chain Financing in MSMEs in India' at School of Management Studies, REVA University.





## B.M.S. COLLEGE OF ENGINEERING, BENGALURU

Autonomous Institute, Affiliated to VTU

### REPORT ON COLLEGE ACTIVITIES – APRIL 2024

✚ Department of Electronics and Communication Engineering in association with IMS Learning Resources Pvt. Ltd., organized a seminar on 'The Ultimate Guide to MBA after Graduation' for pre-final year ECE students. The event was coordinated by Dr. Hemavathi, Assistant Professor, Dept., of ECE.

✚ Dr.Vardhaman S Mudakappanavar, Associate Professor, Department of Mechanical Engineering attended One-week FDP on 'Labview and Data Acquisition' organised at Jain College of Engineering, Belagavi during April 29<sup>th</sup> to May 3<sup>rd</sup>, 2024.

✚ The Gradient - Students' club of Department of Machine Learning organised an AI themed technical fest from April 29<sup>th</sup> to 2<sup>nd</sup> May, 2024. The event included Impact AI, 24 hours hackathon, Cryptography technical event, Data Science workshop, RAG chatbot workshop.



Cipher Strike was a fun and unforgettable experience for the participants. Participants enjoyed the challenge and

learning. They were excited as they figured out each puzzle and encryption.



ImpactAI was a 24 hour hackathon held on the 29<sup>th</sup> and 30<sup>th</sup> of April, 2024. Participants were required to come up with innovative solutions to problems in 4 main domains(Transportation, Healthcare, Education, Agriculture). The event consisted of 23 teams of which, 3 winners were chosen. This event provided the participants a platform to make meaningful end-to-end projects and there was a lot of positive feedback.



April 30<sup>th</sup>, 2024

✚ Data Unlocked was a hands-on workshop conducted under the umbrella of Gradient AI Week 2024. The workshop was attended



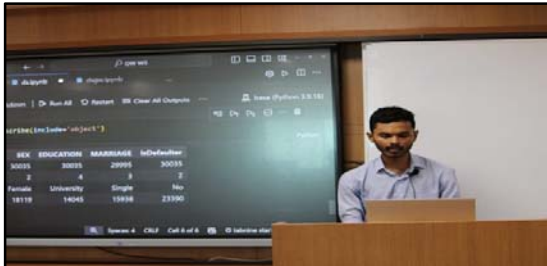


## B.M.S. COLLEGE OF ENGINEERING, BENGALURU

Autonomous Institute, Affiliated to VTU

### REPORT ON COLLEGE ACTIVITIES – APRIL 2024

by 40 participants. An end-to-end project titled, 'Credit Card Default Prediction' was built from the ground up by all participants. It was a very good learning experience for everyone.



Journal of Wireless Personal Communications. DOI: 10.1007/s11277-024-11089-0

<https://link.springer.com/article/10.1007/s11277-024-11089-0>.

- Dr. Darshan C.S., Assistant Professor in the department of Civil Engineering delivered a lecture on the topic, 'Practical Applications of Surveying' in 5 days workshop on 'Advanced Surveying Techniques and their Application' organised at RNS Institute of Technology, Bengaluru.



- Dr. Vasundhara Patel K.S., Professor, Department of Electronics and Communication Engineering co-authored and published a research paper titled, 'Quad Port MIMO Circularly Polarized Antenna for n77/n78 5G Coverage with Spatial and Polarization Diversity' in the

- The NSS unit of the college organized fun activities such as Musical Chair, Tug of War etc., for house-keeping staff on the occasion of Labour Day. The house-keeping staff members enjoyed participating in the events.





## B.M.S. COLLEGE OF ENGINEERING, BENGALURU

Autonomous Institute, Affiliated to VTU

### REPORT ON COLLEGE ACTIVITIES – APRIL 2024

✚ The following faculty members who attained the age of superannuation were felicitated.

- Dr.S.Raghunath  
Professor, Department of Civil Engg
- Dr.H.S.Jagadeesh  
Professor, Department of Civil Engg
- Dr.A.Meera  
Professor, Department of E&C



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