



B.M.S. COLLEGE OF ENGINEERING, BENGALURU
Autonomous Institute, Affiliated to VTU

REPORT ON COLLEGE ACTIVITIES – JANUARY 2023

January 1st, 2023

- ✚ Dr. K E Ganesh, Associate Professor in the Dept. of Physics published a research paper titled, "Spatiotemporal, Morphological and source analysis of Ultra fine particulates (PM1) over Bengaluru, Karnataka, India" in MAUSAM, Journal (2023), 74, 1, 187-198 DOI: <https://doi.org/10.54302/mausam.v74i1.815> with impact factor 0.636

- ✚ Dr. Suma M N, Professor and Dr. Geetishree Mishra, Assistant Professor in the Department of Electronics and Communication Engineering mentored the following student teams of 7th semester BE(ECE) for the projects from Nokia Networks through Nokia Bangalore University Collaboration.

- **Automated Review Checker –**
Mr. Goutham P Hegde, Mr. Ajay G Nayak, Ms. Shishira R, Ms. Sanjana V K, Mr. Sanath N U.
- **Static Graphics Reviewer –**
Mr. Darshan R, Ms. Anusha G H, Mr. Ishan Bhan, Mr. Manoj S, Ms. Prachetha P Vasishtha.

January 2nd, 2023

- ✚ ISRC, BMSCE conducted 'Eco Prayana', encouraging students to walk to college,

use bicycles, take public transport or use electric vehicles to spread awareness on carbon footprint .



- ✚ The Departments of Computer Science & Engineering and Medical Electronics Engineering in association with IIC, BMSCE conducted one-day workshop on "5 Element Breathwork" as a part of the non-credit course. The Session was conducted by Sri. Mahesh and Team from Sadgamaya Foundation. PG Students participated in the workshop.





B.M.S. COLLEGE OF ENGINEERING, BENGALURU
Autonomous Institute, Affiliated to VTU

REPORT ON COLLEGE ACTIVITIES – JANUARY 2023

- ISRC, BMSCE in collaboration with CIIE and Department of Computer Applications organised a webinar on 'Intellectual Property Rights'. Ms Preeti Meena, an Examiner of Patent and Design at Indian Patent Office, Chennai was the resource person.



- Mr.Sumanth N of 5th Sem. BE (Information Science and Engineering) represented VTU Judo Men team in All India Inter University Championship to be held at University of Lovely Professional, Phagawara, Punjab, during Jan. 2nd to 6th, 2023.



January 3rd, 2023

- Department of Electronics & Instrumentation Engg., launched "Manusmaran", a Socio-Ethical Humanities & Creativity club under ISA-BMSCE. This club is sponsored by a Scheme for Promoting Interests, Creativity and Ethics among Students (SPICES), AICTE and the Inaugural function was organised in the college. Sri. Renukprasad Belgur, Business Mentor and Advisor was the chief guest for the occasion and the club logo was also inaugurated. The Principal, Vice Principals, Dean(FYB), HODs and other dignitaries graced the occasion.



- Dr. R S Geetha, Associate Professor, Smt.Divya S, Assistant Professor in the Department of Electrical & Electronics along with UG students, Ms. Varsha and Mr. Stephen published a book chapter titled, "Design and Development of an Electrical Power System for a 3U Cubesat"



B.M.S. COLLEGE OF ENGINEERING, BENGALURU
Autonomous Institute, Affiliated to VTU

REPORT ON COLLEGE ACTIVITIES – JANUARY 2023

pp 127–146 in the Smart Small Satellites: Design, Modelling and Development, Part of the Lecture Notes in Electrical Engineering book series (LNEE, volume 963), Proceedings of the International Conference on Small Satellites, ICSS 2022.

- ✚ Mr. Muhammed Mehathab of 5th Sem. BE (Electronics and Communication Engineering) & Mr. Yashpreet Voladoddi of 5th Sem BE (Artificial Intelligence and Data Science) represented VTU Taekwondo Men team in All India Inter University Championship 2022-23 held at Guru Nanak Dev University, Amritsar, Punjab during Jan. 3rd to 6th, 2023.



- ✚ Ms. Sai Priyanka of 5th Sem BE (Chemical Engineering) represented VTU Basketball Women team in South Zone Inter University Championship held at University of Madras, Chennai during Jan. 4th - 8th, 2023.



January 4th, 2023

- ✚ The PhD Viva Voce of Mr. Nitin Prakash, Research scholar in the department of Civil Engineering under the guidance of Dr. S. Muralidhara, Professor and Principal was conducted on the topic, “Fracture Behaviour of Fibre Reinforced Geopolymer Concrete”.

January 5th, 2023

- ✚ A seminar on “Challenges in Entrepreneurship and Start-ups”, was organized by Department of Electronics and Instrumentation Engineering. Sri. Naveen Kumar R K, Founder, CEO Dhanush Systems and Solutions, Ms. Priyanka Ravi, Founder CEO Darkolates, Sri. Ankit Jain, Founder CEO, Suntrop Solar Pvt Ltd., were the resource persons.





B.M.S. COLLEGE OF ENGINEERING, BENGALURU
Autonomous Institute, Affiliated to VTU

REPORT ON COLLEGE ACTIVITIES – JANUARY 2023

✚ Dr B Kanmani, Professor in the department of ETE successfully conducted the pre-conference workshop on, 'Engineering Mathematics concepts using Python' during the Tenth International Conference on Transformations in Engineering Education, (ICTIEE 2023) conducted by Indo-Universal Collaboration for Engineering Education Foundation (IUCEE) organised at Vidyavardhaka College of Engineering, Mysore.



✚ The following faculty members attended the Indo Universal Collaboration for Engineering Education (IUCEE) Foundation Tenth International Conference on 'Transformations in Engineering Education' (ICTIEE)-2023 with the Theme: Transforming Engineering Education for Sustainable Development' organised at Vidyavardhaka College of Engineering (VVCE), Mysuru during Jan. 4th – 8th, 2023.
(i) Dr.B.Kanmani, Professor , ETE
(ii)Dr.M.V.Murugendrappa , HOD-Physics

(iii) Dr.Surendra H H, Asst.Professor, ECE
(iv)Dr.Archana H.R., Asst.Professor, ECE
(v)Dr.Rajath Vasudevamurthy, Asst.Prof. ECE
(vi)Sri.Mayur Appaiah, Asst.Prof., IEM
(vii)Smt.Anushalalitha, Asst.Prof., ETE
(viii)Sri.Devaraj K., Asst.Prof. Mech.Engg



✚ Dr. Chandrashekara G, Assistant Professor in Department of Mathematics, was deputed as Resource Person by VTU Belagavi and delivered lectures on the topic, "Mathematics Using Python" organised at KLS Gogte Institute of Technology, Belagavi during Jan.5th-7th, 2023.





B.M.S. COLLEGE OF ENGINEERING, BENGALURU
Autonomous Institute, Affiliated to VTU

REPORT ON COLLEGE ACTIVITIES – JANUARY 2023

January 6th, 2023

- As a social responsibility, the students of Department of AIML actively engaged in training the students of National High School, Basavanagudi towards helping the school students to enhance their basic programming skills.



- Dr. D N Sujatha, Professor, Department of Computer Applications was invited as Co-Chair, WiE Track, 15th International Conference on Communication Systems & Networks conducted at Chancery Pavilion, Bengaluru.



- The Mechanical Engineering Association (MEA) organized a Guest lecture on “Fundamental Concepts of Lithium-Ion Batteries” by Dr. Amruth Bhargav, Alumnus of BMSCE(2013) for III Semester BE students in the department of Mechanical Engineering

- BMSCE IEEE Computer Society conducted its bot-building workshop, “Discord Insiders” under the guidance of Dr. N. Sandeep Varma, Assoc. Professor, Dept. of AIML & IEEE CS Chapter Advisor.

January 7th, 2023

- Dr. D N Sujatha, Professor, Department of Computer Applications was invited as Vice Chair for the AGM of IEEE Communications Society, Bangalore convened at IISc, Bengaluru.

- The PhD Viva Voce of Mrs. Soumya T., on the topic, “Study on adoptability of the Bio sealant infused burnt clay tabloids in concrete as a self healer” under the guidance of Dr. S Muralidhara, Professor, Civil Engg & Principal was conducted.

- As part of a course on “Universal Human Values”, the Department of Electronics and Telecommunication Engineering organized a lecture on “Integrating Human



B.M.S. COLLEGE OF ENGINEERING, BENGALURU
Autonomous Institute, Affiliated to VTU

REPORT ON COLLEGE ACTIVITIES – JANUARY 2023

Values into Life" by Sri.Parthasarathy Narasimhan, Lead Architect at Wipro for the 3rd semester students in the department.



as Deputy Secretary General. The event was sponsored by Island Hydraulics Pvt. Ltd.

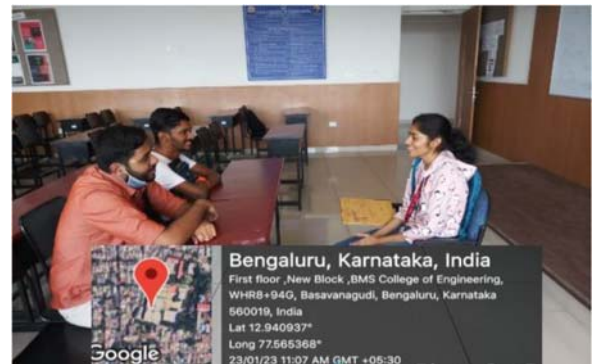


✚ Dr. R V. Ranganath, Professor in the department of Civil Engineering was invited to conduct one day workshop on OBE at NIT, Calicut for newly recruited faculty of NIT ,Calicut.

January 8th, 2023

✚ BMS Model United Nations (BMSMUN) was hosted by the college during Jan.7th – 8th, 2023. BMSMUN 2023 consisted of 4 committees namely, United Nations General Assembly: Disarmament and International Security Committee (UNGA DISEC), United Nations Security Council (UNSC), All India Parties Meet (AIPM) and International Press Corps (IPC). BMSMUN was presided over by Mr.Shashank Shenoy as Secretary General and Mr.Krish Sakriya

✚ Pentagram Recruitment Drive 2023 for first year students was conducted. The event consisted of two phases i.e., online test and interview.



✚ Ms.Niharika Jain P N., of 5th Semester & Ms.Srusti G S., of 3rd Semester BE (Electronics and Communication Engineering) represented VTU Judo Women team in All India Inter University Championship 2022-23 held at University



B.M.S. COLLEGE OF ENGINEERING, BENGALURU
Autonomous Institute, Affiliated to VTU

REPORT ON COLLEGE ACTIVITIES – JANUARY 2023

of Lovely Professional, Phagawara, Punjab, during Jan. 8th to 12th, 2023.

Mahabaleswarappa Engineering College, Ballari during Jan. 9th-10th,2023.



January 9th, 2023

✚ Ms.Rakshitha of 7th Semester BE (Electronics and Communication Engineering) represented VTU Athletics Women team in South West Zone Inter University Athletic Championship 2022-23 conducted at Tamilnadu Physical Education and Sports University, Chennai, during Jan. 9th to 12th, 2023.



✚ Mr.Anirudh P., of 7th Semester BE (Aerospace Engineering) represented VTU Kho-Kho Men team in South Zone Inter University Championship conducted at Jawaharlal Nehru Technological University, Kakinada (AP) during Jan.9th to 12th, 2023.



✚ Dr B N Shubha, Professor & Assistant Professors, Dr Shubha Muralidhar and Dr.R. Sushma from the department of MBA were invited as resource persons for Faculty Development Programme on “Outcome Based Education & NBA Accreditation” organised at Rao Bahadur Y

January 10th, 2023

✚ The Department of Electronics and Communication Engineering in association



B.M.S. COLLEGE OF ENGINEERING, BENGALURU
Autonomous Institute, Affiliated to VTU

REPORT ON COLLEGE ACTIVITIES – JANUARY 2023

with Edwise International organised a seminar on 'Overseas Education' for the 7th Semester students in the department. Mr.Nanjappa, from Edwise International was the resource person for the seminar.



✚ Ms.Siri Nandihalli of 1st Semester BE (Electronics and Communication Engineering) represented VTU Taekwondo Women team in All India Inter University Championship 2022-23 conducted at Guru Nanak Dev University, Amritsar, Punjab during Jan. 9th to 12th, 2023.



✚ Dr.Chethana K.Y., Assistant Professor in the department of Aerospace Engg delivered a talk on 'Crash Worthiness of Fiber Reinforced Polymer Composites' and Dr.Dharmaprakash M S , Prof. and Head,

Department of Chemistry delivered a lecture on the title, "Recent advances in Nano Science and Nano Technology" and Dr.Chandasree Das, Associate Professor in the department of EEE delivered a talk on "Chalcogenide Glasses: Materials for Next Generation Memory Technology" in one week Faculty development program on Advanced Materials & manufacturing Techniques-2023 (AMMT23) organised by dept. of IEM & BMS Evening college of Engg during in association with ISTE-BMSCE chapter & VTU during Jan.9th – 14th, 2023. The following faculty were part of organizing committee of the FDP

Convener: Dr. Rudra Naik, Professor, ME
Members of Internal - advisory committee:
Dr. G. Giridhara, HOD- Mech. Engg
Professors in Mech. Engg., Dr. M. Ramachandra, Dr. S. Srinivas, Dr. B. N. Sarada, Dr. J. Sharana Basavaraja and Associate Professor, Dr. Vardhaman S. Mudakappanavar.

Assistant Professors in the department of Mech. Engg., Dr. Prabhu Swamy N. R., Sri. G. Karthik, Dr. Ram Rohit, Dr. H. R. Prakash, and Dr. R. Suresh Kumar and Dr.Supriya S., Assistant Professor in the department of Chemistry attended the one-week FDP .

January 10th, 2023

✚ Department of Electrical and Electronics and EEE Association conducted EEE Association Annual Meet 2023. The event witnessed the



B.M.S. COLLEGE OF ENGINEERING, BENGALURU
Autonomous Institute, Affiliated to VTU

REPORT ON COLLEGE ACTIVITIES – JANUARY 2023

launch of Magazine, “The Watt” and introduction of the new team of office bearers for the year 2023.



- Dr.Manjunatha S and Dr.K.L.Nagashree, Assistant Professors in the Department of Chemistry published an article titled, "Synthesis and Characterization & X-Ray/Gamma Ray absorption Properties of Tin Oxide synthesized via solution combustion method" in the journal Applied Surface Science Advances (web of Science) on 12th January 2023; Vol.13.

page:1000367 DOI: <https://doi.org/10.1016/j.apsadv.2023.100367>.

- The Department of Computer Science & Engg., organized a value-added course on “Internet of Things with Arduino” for UG students of all branches in blended mode. The session was handled by Dr.K.Panimozhi and Smt.Antara Roy Chaudhary, Assistant professors in the department of CSE.



January 11th, 2023

- Department of Electronics and Instrumentation Engineering organised a talk on “Technological Trends in



B.M.S. COLLEGE OF ENGINEERING, BENGALURU
Autonomous Institute, Affiliated to VTU

REPORT ON COLLEGE ACTIVITIES – JANUARY 2023

Automation” by Sri. Venkatapathy S.R., Educational Chair – Academia ISAB, Senior Member and Former president ISAB.

Projects)” by Si. Umesh K. Jois, Founder, Former President & CEO, Jois Construction Management System (JCMS), New Jersey, USA & an Alumnus (Batch of 1973).



The Assistant Professors in the department of Civil Engineering, Dr.K.Asha, Smt.Prathima B., Dr.V.Priya, Sri.Srinivasa Murthy, Dr.T.Rajanna, Smt.Deepa T., Sri.K.Arjun, Dr.Geetha Kuntoji & Sri.Dheeraj Kumar accompanied 5th semester students (around 200 students) in the department for a visit to 40 MLD STP at Doddabele scheduled during Jan. 12th - 13th, 2023.

Cultural Club of Department of Computer Applications conducted an event, “Head Shoulders Knees and Cup” for third semester MCA students.



January 12th, 2023

Department of Civil Engineering organised one-day seminar on "SUCCESSFUL PROJECT MANAGEMENT (Techniques for Managing Mega

Dr.Supriya S., Assistant Professor in the Department of Chemistry published an article titled, "Nickel curcumin complexes: Physico chemical studies and nonlinear optical activity" in the journal, Optical Materials (Q2, impact factor: 3.754) on 12 January 2023; Vol.136,113450.DOI: <https://doi.org/10.1016/j.optmat.2023.113450>



B.M.S. COLLEGE OF ENGINEERING, BENGALURU
Autonomous Institute, Affiliated to VTU

REPORT ON COLLEGE ACTIVITIES – JANUARY 2023

✚ The 3rd semester BE students of Civil Engg. department visited 'ASN SRIKARAM'- construction site of a green rated property by IGBC and RMC PLANT. The Assistant Professors in the department, Sri. Arjun K, Dr. Manjunath R and Dr. Varsha B N., accompanied the students.



✚ 'PROTOCOL', the department club of CSE successfully conducted a Front-end development workshop for the benefit of students from the 4th November 2022 upto 12th January 2023 (sessions were conducted twice a week).



✚ The Department of Physics organized a Lecture on the Topic, "Swami Vivekananda's view on personality development for youth" by Srimat Swami Nityasthananda ji Maharaj, President, Ramakrishna Math, Basavanagudi on the occasion of National Youth Day.



✚ As social responsibility, the students of Department of AIML actively engaged in training the students of National High School, Basavanagudi towards helping the school students to enhance their basic programming skills.

✚ The department of Mechanical Engineering through Mechanical Engineering



B.M.S. COLLEGE OF ENGINEERING, BENGALURU
Autonomous Institute, Affiliated to VTU

REPORT ON COLLEGE ACTIVITIES – JANUARY 2023

Association organised a lecture on “Career Growth Acceleration” by Sri. Arivalagan Shanmugam, Vice President, Supratec, Saideepa Group, Hyderabad for III & V Semester students with an aim of developing knowledge about the skills that will help students to build a successful career in the field of Mechanical Engineering. The event was coordinated by Dr. Chidanand K. M., Assistant Professor and around 1000 students participated in the program.



January 13th, 2023

- ✚ An online meeting of Hon'ble Vice Chancellor of VTU with Ph.D/MSc(Engg.) Research scholars of VTU affiliated Research Centres was organised by VTU. The Research scholars in the college attended the same.
- ✚ Mr.Sai Skandhan K S of 1st Semester BE (Information Science and Engineering) represented VTU Ball Badminton Men team in All India Inter University Championship

2022-23 conducted at Mangalore University, Mangalore during Jan. 13th -17th, 2023.



- ✚ The Department of Electronics and Communication organised industry visit to ISRO for the 5th semester students in the department. The visit was coordinated by Mrs. B Harshitha and Dr. K N Madhusudhan, Assistant Professors in the department.

January 14th, 2023

- ✚ Mr.Roushan KR Pandey of 5th Sem BE (Electronics and Telecommunication Engineering) represented VTU Tug-of-War Men team in All India Inter University Championship 2022-23 held at Jagannath University, Jaipur, Rajasthan during Jan. 14th to 17th,2023.





B.M.S. COLLEGE OF ENGINEERING, BENGALURU
Autonomous Institute, Affiliated to VTU

REPORT ON COLLEGE ACTIVITIES – JANUARY 2023

✚ The dept. of Aerospace Engineering organised an orientation program to train students on usage of XFLR software and 55 students participated in the program.



✚ Dr. N. Sandeep Varma, Assoc. Professor & IEEE CS Chapter Advisor, Dept. of AIML attended the BMSCE IEEE Computer Society Annual General Meeting conducted at the college. The newly appointed Chairperson and Vice Chairperson briefed about the events scheduled for the year 2023–2024 and highlighted the improvements that the new Executive Committee members intend to adopt.

✚ The Department of Electronics and Communication Engineering organised a program to felicitate the toppers for securing highest CGPA in 1st, 2nd and 3rd year UG program and 1st year PG program during the academic year 2021-2022. Dr.Siddappaji, Professor and Head, Dept. of ECE appreciated the efforts & cooperation extended by the teaching and non-teaching staff towards successful completion of various events like Golden Jubilee Celebration, Launch of Annual Magazine NEWS Conference 2022 etc., at the department. The faculty & staff members and students of ECE Department participated in the program.



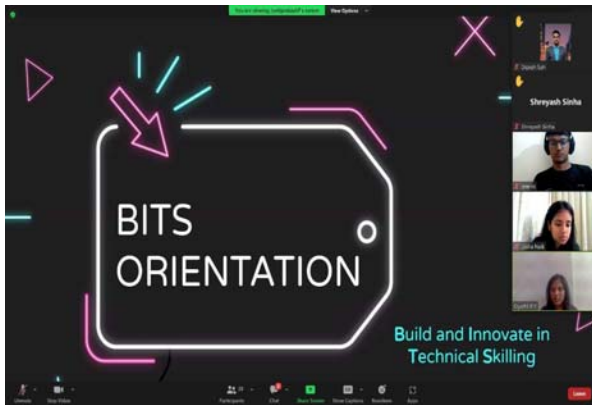


B.M.S. COLLEGE OF ENGINEERING, BENGALURU
Autonomous Institute, Affiliated to VTU

REPORT ON COLLEGE ACTIVITIES – JANUARY 2023

January 15th, 2023

✚ BMSCE IEEE Computer Society organised BITS Orientation with an aim of informing students of the advantages of the IEEE Computer Society and its features. The Chapter Advisor Dr. N. Sandeep Varma, Assoc. Professor & IEEE CS Chapter Advisor, Dept. of AIML encouraged the youngsters to take part in IEEE CS.



Delhi, Prof. C.R Muthukrishnan, Former Deputy Director, IIT- Madras, Chennai & Prof. R.V. Ranganath from BMSCE were the resource persons for the workshop. Prof. Anil D.Sahasrabudhe, Hon'ble Chairman, NBA, New Delhi & Prof.S.Vidyashankar, Hon'ble Vice Chancellor, VTU, Belagavi graced the occasion.



January 16th, 2023

✚ Awareness Workshop on Outcome based Education (OBE) and Accreditation for Engineering Colleges in Karnataka was jointly organised by National Board of Accreditation (NBA) and Visvesvaraya Technological University, Belagavi at the college and 196 members comprising of Management representatives, Principal, Deans, Senior Professors from various Engineering colleges across Karnataka participated in the workshop. Dr. Anil Kumar Nassa, Member Secretary, NBA, New

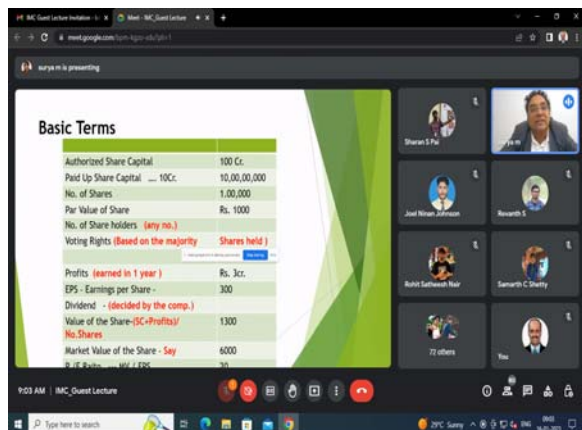




B.M.S. COLLEGE OF ENGINEERING, BENGALURU
Autonomous Institute, Affiliated to VTU

REPORT ON COLLEGE ACTIVITIES – JANUARY 2023

The Department of CSE organized a Guest Lecture on “Stock Valuation, Interest rates” for 7th Semester students of the department. The session was handled by Sri. Surya, Chartered Accountant.



January 17th, 2023

The Product synthesized by the department of Chemical Engineering of the college under the collaboration project, "PDMS, A Abrasive Flow Finishing Tool" was exhibited along with the micro AFFM designed and fabricated by Central Manufacturing Technology Institute (CMTI), Bengaluru at IMTEX 2023, Bengaluru, an event organized by Indian Machine Tool Manufacturers' Association (IMTMA), the 20th edition of South and South East Asia's biggest exhibition on machine tool and manufacturing technologies at Bangalore International Exhibition Centre (BIEC), Bengaluru, during January 19th–25th, 2023.

The Rotaract Club conducted “Parichaya”, an orientation programme for the newly joined members in the indoor stadium. The event provided an insight of the various activities of the club and roles & responsibilities of the members at various levels in the club were briefed to the members.



The VII sem. BE(Bio Technology) students, Ms.Surabhi V and Ms.Nandhini M., mentored by Dr. Praphulla won third place in the Energy Hackathon conducted at International Conference on Energy Conservation and Storage organized by IIT Madras during January 18th-20th, 2023.





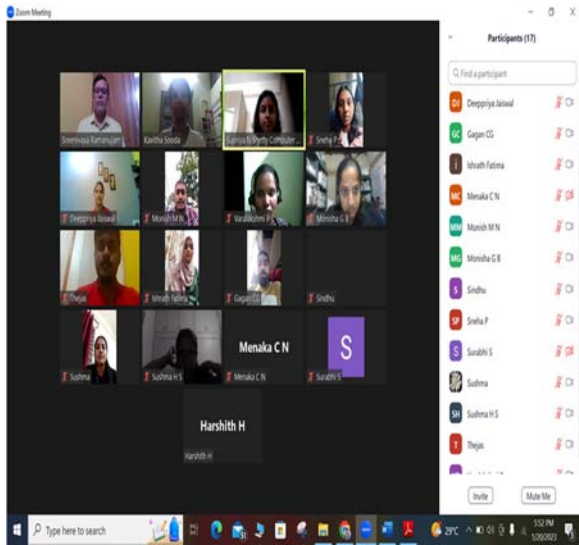
B.M.S. COLLEGE OF ENGINEERING, BENGALURU
Autonomous Institute, Affiliated to VTU

REPORT ON COLLEGE ACTIVITIES – JANUARY 2023

✚ German patent was granted to Dr.Chandra Sekhar K, Assistant Professor in the department of Civil Engineering on the title, “System for Developing a particle packed technical composite cement concrete (EnCompas)’.

January 17th, 2023

✚ The Department of Computer Science and Engineering organized a Lecture series on “Estimation and Project Schedule“ for the PG students. The session was handled by Sri. Sreenivasa Ramanujam, Project Lead, TCS, Bengaluru



research paper titled, ‘Graphene-Based Frequency Agile Isolation enhancement mechanism for MIMO antenna in terahertz regime’ in Nano Communication Networks.

✚ Dr.K.Y.Chethana, Assistant Professor in the department of Aerospace Engineering successfully completed the Master trainer in Aeronautical Engineering Certification course, conducted by HAL Management Academy during Jan.17th -28th, 2023.

January 18th, 2023

✚ Sri. Sridhar HR, Assistant Professor in the department of MBA was invited as a Resource Person to host the Quiz event, 'Beautiful Minds' at 'Soundarya Institute of Management & Science'.



✚ Dr. Sadhana Kumari, Assistant Professor in the Department of Electronics and Communication Engineering published a

✚ Department of Computer Applications conducted an online value added course on “Augmented Reality” from January 18th to



B.M.S. COLLEGE OF ENGINEERING, BENGALURU
Autonomous Institute, Affiliated to VTU

REPORT ON COLLEGE ACTIVITIES – JANUARY 2023

31st, 2023. The course was handled by Smt. Pushpa T S, & Dr. K Vijaya Kumar, faculty members in the department and industry experts, Sri. Amit Karmakar, Irsu Technologies Pvt. Ltd., & Sri. Pranav Ram A, Coextrix Technologies.



January 19th, 2023

The department of Aerospace Engineering signed MOU with M/s Saish GSE Pvt. Ltd., for collaborative research activities, Student internships etc.

A team of engineers led by Mr. Vishwas B. Patil, CAE Application Engineer at Molex India, and an alumnus of the college visited the Department of Mechanical Engineering to get an overview of research facilities and activities at the Department. The team showed keen interest in collaborating with the department for mechanical property characterization of polymer materials for various engineering applications.

January 21st, 2023

The college badminton team consisting of Men staff members of above 40 years became champions at '5th International Staff Tournament' organized by PES University during Jan. 21st to 24th, 2023. College team of Men staff members also participated in Cricket, Table Tennis and women staff members team participated in Badminton.



January 23rd, 2023

Department of Electrical & Electronics Engg., along with EEE Association conducted an Expert Talk on “Research Methodology” by Dr. Uma Rao, Retd. Professor (Department of EEE) in online mode.



B.M.S. COLLEGE OF ENGINEERING, BENGALURU
Autonomous Institute, Affiliated to VTU

REPORT ON COLLEGE ACTIVITIES – JANUARY 2023

Dr. Prema V, Associate Professor, Department of Electrical & Electronics was invited as a resource person for a three day workshop on 'Control Systems fundamentals using MATLAB' conducted by RV College of Engineering during Jan.23-25, 2023.

Department of Electronics and Instrumentation Engg., in association with International Society of Automation organized Value Added Course on "PID Controller Tuning and Applications of Adaptive Filters in MATLAB" for the benefit of the students. A team of experts from M/s Modelicon Infotech LLP & faculty members in the department of EI were the resource persons.

Ms.Sushma, 5th Semester student of BE(Civil Engineering) represented VTU Kho - Kho Women team in South Zone Inter University Championship 2022-23 held at Alliance University, Bengaluru during Jan.23rd -26th, 2023.

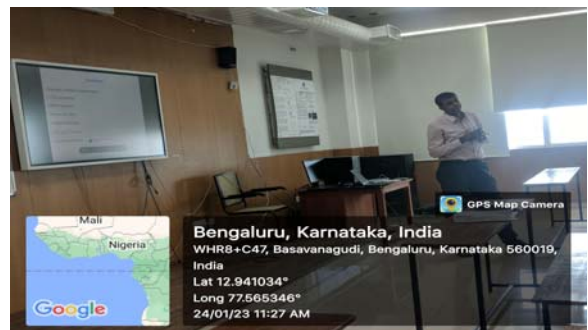


The Department of Management Studies and Research Centre of the college organised a Lecture on 'Total Quality Management' by Sri. Krishnan P M, an expert in the field of TQM. The program provided practical insights to students on TQM.



January 24th, 2023

The Department of Electronics and Telecommunication Engineering organized a lecture on "LTE architecture" by Dr. K R Sudhindra, Associate Professor, Department of ECE of the college.





B.M.S. COLLEGE OF ENGINEERING, BENGALURU
Autonomous Institute, Affiliated to VTU

REPORT ON COLLEGE ACTIVITIES – JANUARY 2023

January 25th, 2023

- ✚ Mr.Jagannatha K.B., research scholar at the department of EEE under the guidance of Dr. Chandasree Das, Associate Professor, EEE defended his PhD thesis titled, “Electrical Switching & Set-Reset Studies of Amorphous Chalcogenides for Phase Change Memory Application”.
- ✚ Dr. Manjunatha S.O, Assistant Professor in the Dept. of Physics published a research paper titled, “Synthesis and study of transition metal (Co, Cu, and Ni) substituted ferrites for humidity sensor applications” J Mater Sci: Mater Electron (2023) 34:301 (SJQ2 Journal) with impact factor 2.478, ISSN 0957-4522 (print) 1573-482X (web)<https://doi.org/10.1007/s10854-022-09694-5>

January 26th, 2023

- ✚ BMSCE in association with BMS College of Law & BMS College of Architecture organised Republic Day celebrations in the college premises. Major General Paul Deepak Naidu (Retd.) & Lt.Col. PJ Anand Kumar(Retd.) were the Chief Guests. Sri.Aviram Sharma, Trustee, BMSET & other dignitaries graced the function.
- ✚ On the occasion of Republic day, BMSCE ISRC conducted ‘CYMAPLOG’ at 7 am, where

students engaged in cycling from college to Lalbagh followed by a marathon and plugging session in Lalbagh park.



- ✚ The IEEE CS under the guidance of the Chapter Advisor, Dr. N. Sandeep Varma, Associate Professor, AIML initiated White Collars program which aims at building a community of ethical hackers who strive to build and maintain the security of computer networks and systems.
- ✚ Department of Computer Applications, Chiranthana, NSS team of the college organized a program in association with Samskara Bharathi, “Bharathmata Pujan- A patriotic songs program by renowned singers”. Sri. Babu Hirannaiah, honourable President, Samskara Bharathi Bengaluru South and Sri. Prakash Belavadi, Director,



B.M.S. COLLEGE OF ENGINEERING, BENGALURU
Autonomous Institute, Affiliated to VTU

REPORT ON COLLEGE ACTIVITIES – JANUARY 2023

Actor, renowned Theatre Personality were invited as Chief guests.



Mr.Prajwal R and Mr.Tejus B, MBA students of the college participated in the national level Data analytics competition, J.A.R.V.I.S, organized by TAPMI. The competition involved various rounds and provided a great learning opportunity for the participants.



January 27th, 2023

Four MBA students of the college, Mr.Sudhindra S Deshpande, Mr.Shreyas D Kashyap, Mr. Santosh Subray Bhat & Mr.Amit Solanki N., participated in a Finance event called "Aestimatus 9.0" conducted by IIM Kashipur which was a part of their major event, "Agnitraya".



Dr. Murugendrappa M V, Associate Professor and Head, Department of Physics was invited as a subject expert to conduct the doctoral committee meeting of a research scholar at Department of Physics, RNS Institute of technology, Bengaluru.

Dr. Vasundhara Patel K S, Professor in the Department of Electronics and Communication Engineering was invited as a 'Session Chair' in the IEEE International conference on 'Intelligent and Innovative Technologies in Computing, Electrical and Electronics' organised at B.N.M. Institute of



B.M.S. COLLEGE OF ENGINEERING, BENGALURU
Autonomous Institute, Affiliated to VTU

REPORT ON COLLEGE ACTIVITIES – JANUARY 2023

Technology, Bengaluru during Jan.27th-28th, 2023.

✚ Ms. Bindushree V, Ms. Pavithra G, and Ms. Shruthi S., PG students from the Department of Electronics and Communication Engineering under the guidance of Dr. Vasundhara Patel K S, Professor, Dept. of ECE presented their research paper titled, 'Comparison of Schmitt Trigger Oscillators using Logic Gates in 45nm CMOS Technology' in the IEEE International Conference on Intelligent and Innovative Technologies in Computing, Electrical and Electronic' organised at B.N.M. Institute of Technology, Bengaluru during Jan.27th-28th, 2023.

✚ The Department of Electronics and Communication organised industry visit to ISRO for the 5th semester students in the department. The visit was coordinated by Mrs. B Harshitha and Dr. K N Madhusudhan, Assistant Professors in the department.

✚ Dr. Sudhindra K R, Associate Professor in the Department of Electronics and Communication Engineering was the member of the Expert Committee for 'Southern India Science Fair-2023' organised by Visveswaraya Technological Museum, Department of

Science and Culture to evaluate the exhibits presented in the science fair held during Jan. 27th-28th at Thrissur, Kerala.

✚ Dr. Darshan C Sekhar, Assistant Professor in the department of Civil Engineering was invited as resource person for front line supervisors training program conducted at L & T C-TEA Mysore during Jan. 27-28, 2023.

✚ PENTAGRAM, the Mathematical Society of the college conducted an event, "Meet & Greet" for the students. The event focused on interaction between the members of all the years. It started off with the introduction of the core and the newly recruited members of the club. A glimpse of the club and the events conducted were briefed. A few games were played to get them interacting.



✚ Dr. R V. Ranganath, Professor in the department of Civil Engineering was



B.M.S. COLLEGE OF ENGINEERING, BENGALURU
Autonomous Institute, Affiliated to VTU

REPORT ON COLLEGE ACTIVITIES – JANUARY 2023

invited as a Resource person to deliver a Lecture on OBE for NBA in Awareness Programme on Accreditation for teachers of Maharashtra organised by NBA, New Delhi at VJTI, Matunga, Mumbai.

January 28th, 2023

The department of Bio Technology organized a Guest lecture by Sri.Venkatsubramanian Narayanan, Co-founder & CEO, Peptris Technologies, C-CAMP, Bangalore on "AI in Drug Discovery" under the domain Trends in Technology. Around 70 students from 5th and 7th semester BE(Biotechnology) attended the lecture session.

40 students of 3rd Semester MBA went for an Industrial visit to L&T construction equipment plant Doddaballapur.



Dr. Vasundhara Patel K S, Professor, Department of Electronics and Communication Engineering along with Ms.Tulasi Naga Jyothi Kolanti, Research Scholar in the department published a research paper titled, 'Design and Performance Analysis of Quaternary GNR/FET Storage Cell' as a part of the Springer Lecture Notes in Networks and Systems book series (LNNS, volume 554), pp 497–504.

https://link.springer.com/chapter/10.1007/978-981-19-6661-3_45

January 30th, 2023

The Ph.D Viva-voce of research scholar, Mr. Girish N., on the topic, 'Evaluation and Efficient Implementation of Error Coding Techniques for OFDM Physical Layer Architecture in Underwater Communication System' under the guidance of Dr. VEENA M.B, Associate Professor, Dept., of ECE was conducted.

Dr. Sadhana Kumari, Assistant Professor in the Department of Electronics and Communication Engineering has been selected for 'Young Woman Researcher in Communication Engineering' award from the Governing Council of the Venus International Foundation at the 8th Venus International Women Awards (VIWA 2023), Chennai, India.



B.M.S. COLLEGE OF ENGINEERING, BENGALURU
Autonomous Institute, Affiliated to VTU

REPORT ON COLLEGE ACTIVITIES – JANUARY 2023

✚ Dr. N. Sandeep Varma, Associate Professor in the Dept. of AIML attended 4th Doctoral Committee Meeting at Sri Siddhartha Institute of Technology, Tumkur.



✚ A talk on navigation system along with demonstration of navigation system was organised by the department of Aerospace Engineering for the students in the department with an aim to impart knowledge on navigation systems used in flight vehicles. Resource persons were from M/s Laversab Aviation company.



✚ The department of Aerospace Engineering organised a Glider Making Workshop for the students in the

department to train students on Glider making using Balsa wood and other materials.



January 31st, 2023

✚ Ms.Samhitha Adiga K., of 5th Sem BE(Mechanical Engineering) represented VTU Cricket Women team in South Zone Inter University Championship 2022-23 organised at JSS University, Mysuru during Jan. 31st -5th Feb. 2023.



✚ Three teams of 3rd semester students from the department of Electronics and Telecommunication Engineering interacted on “Soft skills and human values for the professional and personal



B.M.S. COLLEGE OF ENGINEERING, BENGALURU
Autonomous Institute, Affiliated to VTU

REPORT ON COLLEGE ACTIVITIES – JANUARY 2023

life” with industry experts and academicians, Professor Madhu from MIT, Pune, Sri. Keeriti Kesvamurthi, Director, Enterprise Analytics, Data & AI at VISA, Dr. Sarala Upadyaya, and Dr.Hemaltha Reddy, USA.