



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

REPORT ON COLLEGE ACTIVITIES – AUGUST 2022

August 1st, 2022

- ❖ The Department of Mathematics organised a Guest Lecture on “The Effect of Human Vaccination behaviour on Strain competition in the infectious disease : An imitation dynamics approach” by Dr.Aniruddha Deka, Post doctoral Scholar, Kennedy Lab, Penn State Eberly College of Science, Pennsylvania, USA. The event was coordinated by Sri.R.Rahul, Dr.Chandrashekar G. & Dr. B. Mallikarjuna, faculty members in the department.
- ❖ Sri Ramesh M. Chalkapure and Dr. Prabhu Swamy N. R., Assistant Professors in the Department of Mechanical Engineering attended two-week FDP on ‘Industrial Automations and Robotics’ organized by Electronics & ICT Academy, NIT-Warangal in association with JSS Academy of Technical Education, Bengaluru from 1st to 13th August 2022.

August 3rd, 2022

- ❖ A meeting of HODs was convened and distribution of credits under 160 credit scheme was deliberated in detail.



- ❖ The department of Civil Engineering organised a lecture on the topic, "NEP and Engineering Education" by Dr.S.Raghunath, Professor in the department for the benefit of faculty members in the department.
- ❖ Dr. B L Suresha, Professor, Department of Physics published a research paper titled “Biosynthesis, Characterization and Nonlinear Optical response of Spherical Flake shaped Copper Oxide Nanostructures” in Journal of Nonlinear Optical Physics & Materials.
<https://doi.org/10.1142/S0218863522500333>

August 4th, 2022

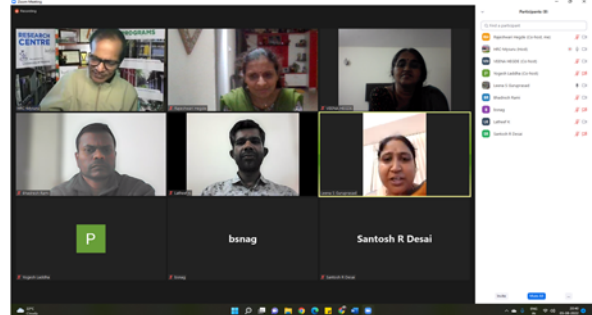
- ❖ Dr G N Rameshaiah, Professor in Chemical Engineering Department published a research article titled, “*Activated bentonite clay-based dry-wash purification of waste cooling oil biodiesel in comparison with a wet washing process*” in Biomass Conversion and Biorefinery journal having an impact factor of 4.050, Q1 journal. DOI: 10.1007/s13399-022-03188-4
- ❖ As part of industrial visit, 4th Semester students of Chemical Engineering Department were taken to M/s Vidya Herbs Pvt. Ltd., Jigani Industrial Area, Bengaluru. Mrs. Shabnam Siddiqui and Dr.Sainath K, Assistant Professors in the



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

REPORT ON COLLEGE ACTIVITIES – AUGUST 2022

department of Chemical Engineering accompanied the students.

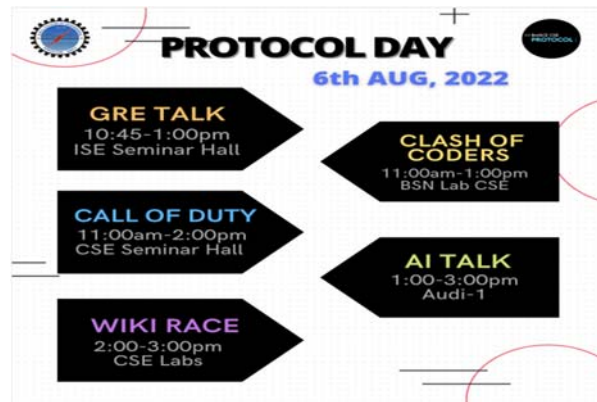


August 6th, 2022

- ❖ Cultural Club of department of Computer Applications organised “Round and Settle” and “Focus” games for second semester MCA students. This event was conducted by Ms.Hemashree B J.



- ❖ The Protocol club of CSE Department organized PROTOCOL DAY 2022. Various events were conducted with the aim of spreading the knowledge in a fun and enjoyable manner.



August 5th, 2022

- ❖ Dr. Rajeshwari Hegde, Professor, ETE, Dr.Veena N Hegde, Professor, EIE, Dr.Santosh R Desai, Prof. & HOD, EIE & Dr.S. Leena, Assistant Professor, MBA were invited for the BoS meeting organized by Heartfulness Research Center, Mysuru.

- ❖ Smt.Pushpavathi K.P and Smt.Archana K., Assistant Professors in the Department of Electronics and Telecommunication Engineering under the HAM club, organized the talk on “Role of Ham (Amateur) Radio in today’s technologies & Disaster Management” by Dr Shankar Sathyapal (VU2FI), Director, Indian



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

REPORT ON COLLEGE ACTIVITIES – AUGUST 2022

Institute of HAMS to create an awareness of Amateur Radio.



Publishing” organised by Archbishop Kavukattu Central Library, Assumption College, Changanacherry , Kottayam Kerala and the Research & Postgraduate Dept. of Economics, Bishop Kurialacherry College of Women, Kerala in Association with Lore & Ed Research Associates, Kerala during August 06-24 2022.

August 8th, 2022

- ❖ HODs meeting was convened to discuss about various academic aspects.



- ❖ The MBA students of 2021-23 batch organised a Farewell function in the college for the outgoing batch of MBA students of 2020-22. Dr.S.Manoharan, HOD-MBA addressed the outgoing batch of students.



- ❖ Dr. G. Saravana Kumar, Associate Professor in the Department of Mechanical Engineering along with other faculty members, Dr.B. Mallikarjuna, Assistant Professor, Mathematics & Prof.P.Hari Prasad published an article titled, ‘The Study of Heat Transfer Enhancement due to various Nanofluids between Rotating Stretchable Disks’ in International Journal of Ambient Energy, Taylor & Francis. DOI: 10.1080/01430750.2022.2111350

- ❖ Mrs. Sheeba N, Asst. Professor in the Dept. of Mathematics & Humanities successfully completed the 12-day National Online Workshop on “Trends in Book and Journal



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

REPORT ON COLLEGE ACTIVITIES – AUGUST 2022

August 10th, 2022

- ❖ Sri. Rajeev R., Head, Quality, M/s Rapsri Engineering Products Company Ltd., visited the Department of Mechanical Engineering and discussed with Dr. V. Arunkumar, Dr. H. M. Shivaprasad, Dr.R.N. Ravikumar and Dr. Raghu Yogaraj, faculty members in the department with regard to Design & Development of a test rig to test a new automobile product developed by their Industry.



- ❖ Institutional Academic Audit was conducted by the team.



August 11th, 2022

- ❖ 'PENTAGRAM', the Mathematical Society of BMSCE in collaboration with WIE, organized an event named, 'Pseudo Maths'. The event consisted of three rounds: Spot it, solve it and roll it. The event was performed on observation, analytical and strategic skills of an individual. A total of 49 teams participated and the event was successfully conducted.



- ❖ Prof. Lohith J J, Assistant professor in the Dept of CSE was invited as Resource person for 5 days FDP on “ Block chain



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

REPORT ON COLLEGE ACTIVITIES – AUGUST 2022

technology & IOT Applications” conducted by MSUAS, Bengaluru.

- ❖ The MCA students, Mr.Karthik G Dath & Mr. K E Krishna Prasad along with the Assistant Professors in the department, Smt.Pushpa T S and Smt.Shailaja K P jointly authored a paper titled, “IoT WEATHER FORECASTING USING RIDGE REGRESSION MODEL” and was presented in the International Conference on *Intelligent Cyber Physical Systems and Internet of Things (ICoICE 2022)* conducted at Coimbatore.

August 12th, 2022

- ❖ 20th Academic Council Meeting was conducted in the college.



- ❖ An event, ‘Scavenger Hunt’ was organized by the Astronomical Society of Department of Physics in collaboration

with Women in Engineering chapter of IEEE on the occasion of “WIE DAY”.



- ❖ The Department of B S Narayan Memorial Knowledge Resource Centre, organised NATIONAL LIBRARIANS’ DAY, as a tribute to the Father of Library Science, Dr. S R Ranganathan on his 131st Birth Anniversary.



- ❖ Dr. D N Sujatha, Professor in the Department of Computer Applications was invited by BMSCE IEEE PELS & IES, as a jury member for the Technical debate competition ‘BATTLE OF ORATORZ’.



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

REPORT ON COLLEGE ACTIVITIES – AUGUST 2022



August 13th, 2022

- ❖ Dr. Manjunatha S.O, Assistant Professor, Department of Physics published a research paper titled “Effect of Eu^{3+} on the Structural, Magnetic and Mössbauer Spectroscopy Studies of Copper Ferrite” in Journal of Magnetism and Magnetic Materials (Q2 Standard with impact factor 3.097), [Volume 562](https://doi.org/10.1016/j.jmmm.2022.169789), 15, 2022, Page No - 169789. <https://doi.org/10.1016/j.jmmm.2022.169789>
- ❖ The 2nd semester MBA students won prizes in various events as cited below at the management fest 'Aakriti-2022' organised by the Department of MBA, Sheshadripuram Institute of Management Studies, Bengaluru
 - a) Mr.Shashank Hegde & Mr.Praveen Kumar GR: Business Quiz - First place
 - b) Mr.Anush Pinto & Mr.Arun Kumar: Business Analytics - First place
 - c) Ms.Nikitha Desai, Ms.Ashritha, Harshitha P and Ms.Naga Jhansi Harita: Marketing - Second place
 - d) Ms.Inchara.S & Ms.Jnanavi MP - Finance: Second place
- ❖ An interactive session for IV semester Mechanical Engineering students with Mr.Vineeth, final year Mechanical Engineering student, working for the project under the guidance of Dr. V. C. Aralimatti, was organized by Mechanical Engineering Association (MEA). The aim of the event was to showcase the highlights in the final year project work on design and development of underwater robot for remote applications.





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

REPORT ON COLLEGE ACTIVITIES – AUGUST 2022

- ❖ Mechanical Engineering Association (MEA) arranged an interactive session for the IV semester Mechanical Engineering students with Mr. Santanu Sanjay Sangam and Mr. Siddesh, 2021 batch Mechanical Engineering graduates who will be pursuing their fully funded master degree in Manufacturing Science in Finland and Austria from September 2022 regarding current trends in higher education program at overseas universities. The session was aimed at guiding students for pursuing their masters at leading overseas universities. The event was coordinated by Dr. Madhav Murthy, Assistant professor in department.



August 14th, 2022

- ❖ The Department of Electronics & Instrumentation Engg organised a Parents -Teachers meeting in the department.



August 15th, 2022

- ❖ 75th Anniversary of Indian Independence (Azadi Ka Amrit Mahotsav) Celebrations were conducted in the college.

On this occasion, Cultural club, Department of Computer Applications in association with Sanskara Bharati, Karnataka organized Vande Mataram tribute singing program under the grand project "From Possession to Independence". Faculties & students of BMSCE and children from Anatha Sishu Ashram participated in *Vande Mataram singing abhiyaan* held at 6:30 AM in the college premises. Sri.Na Nagaraj, managing editor of Vikrama weekly magazine explained the meaning of "Vande Mataram".



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

REPORT ON COLLEGE ACTIVITIES – AUGUST 2022



- ❖ The Independence Day celebrations were conducted at 9 AM and Air Commodore Charles Andrews was the Chief Guest. The flag hoisting, national anthem singing was followed by speech by the Hon'ble Chief Guest and a host of events by NCC & cultural teams.



The rangoli drawing by the library assistants, Sri. Laxman Hosakeri, Smt. Shruthi C C, Smt. Shwetha T V and Kum. Tejaswini D V of department of B S Narayan Memorial Knowledge Resource

Centre was highly admired by the dignitaries.





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

REPORT ON COLLEGE ACTIVITIES – AUGUST 2022

August 16th, 2022

- ❖ A Guest lecture on ‘Opportunities in Aerospace Engineering’ by Dr. Himagiri Gedela, Head of Projects, and Mr. Vinay Tiwari, Head of Industry Relations, Hindustan Aeronautics Ltd. was organized by Training and Placement Department in association with Mechanical Engineering Association (MEA) for IV semester Mechanical Engineering students. The lecture aimed at making students aware of various career options in Aerospace industries with major focus on Maintenance, Repair and Overhauling (MRO).



- ❖ The Department of B S Narayan Memorial Knowledge Resource Centre in co-ordination with The Department of Humanities organized a workshop: “Build English Proficiency with Lanquill”, at the college. Lanquill is a one-stop solution for those who want to learn English language. It has the provision of utilising regional or native languages to understand the sentence structure, grammar, semantic and syntactic elements. It is designed as a self-learning platform for the college students, postgraduate students, writers, journalists, casual users across the globe.



August 18th, 2022

- ❖ Dr. R. Suresh Kumar, Assistant Professor in the Department of Mechanical Engineering delivered a talk on ‘Dilemma of OBE’ in one-week FDP on ‘Outcomes Based Education’ organized by B. M. S. College of Engineering (Evening).

August 19th, 2022

- ❖ Dr. B. Kanmani, Dean (Academic) was invited to handle a session on, ‘Formulating student learning outcomes and CO-PO mapping’ during the One



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

REPORT ON COLLEGE ACTIVITIES – AUGUST 2022

week FDP on OBE conducted by the ISTE-BMSCE Chapter of BMS College of Engineering(Evening).



- ❖ Sri. Devaraj K., Assistant Professor, Department of Mechanical Engineering delivered a talk on 'E-Learning in Education' at One-week Faculty Development Program on 'Outcomes Based Education' organized by B. M. S. College of Engineering(Evening).



- ❖ Dr. R V Ranganath, Professor in the department of Civil Engineering delivered a technical talk on the topic, "Overview of OBE" in one week faculty Development Programme on "Outcome Based Education" organised by BMS college of Engineering(Evening).



August 20th, 2022

- ❖ Sri. Sridhar.H.R, Assistant Professor in the department of MBA was invited to conduct the Business Quiz event at a Management fest 'Chakravyuha-2022' organised by 'MES College of Arts Commerce & Science'.



- ❖ The Department of Electronics & Instrumentation organised an event titled, 'Building the Future: Sustainability & Automation for Carbon Neutral Buildings' to create awareness among the building architects, designers, real estate developers, civil engineers, building automation consultants, OEM's, integrators, and research community



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

REPORT ON COLLEGE ACTIVITIES – AUGUST 2022

about state-of-the-art and emerging technology trends related to Carbon Neutral Buildings.



August 22nd, 2022

- ❖ BMSCE-Bullz Racing Team along with faculty coordinator, Sri. Rajesh P, Assistant Professor, Department of Mechanical Engineering participated in SAE Supra Racing held at Buddha International Circuit, Noida during August 22-26, 2022.



- ❖ Dr. Srinidhi R, Assistant Professor, Department of Chemistry, published a research paper titled, “Investigation of

magnetic phase transitions in $\text{Ni}_{0.5}\text{Cu}_{0.25}\text{Zn}_{0.25}\text{Fe}_{2-x}\text{La}_x\text{O}_4$ nanoferrites using magnetic and in-situ ultrasonic measurements” in the Journal of Physica B: Physics of Condensed Matter. ELSEVIER Q2 IF:2.988.

<https://doi.org/10.1016/j.physb.2022.414280>

August 23rd, 2022

- ❖ Prayer Meeting was organised in remembrance of Late Sri.B.S.Narayan, Donor Trustee, BMSET. On this occasion, Dr.B.S.Ragini Narayan, Donor Trustee, Member Secretary & Chairperson, BMSET awarded Sri.B.S.Narayan memorial Scholarship to the poor and meritorious students





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

REPORT ON COLLEGE ACTIVITIES – AUGUST 2022

August 24th, 2022

- ❖ Mr.Satish Kumar S, MCA student under the guidance of Assistant Professors in the department, Smt.Pushpa T S, Smt.Shilpa S & Smt.Shailaja K P published a research paper titled, “Covid-19 and Lung Disease Detection”, in GIS SCIENCE JOURNAL Volume 8, August 2022, ISSN NO : 1869-9391,DOI:20.18001.GSJ.2022.V9I8.22.399 64.
- ❖ The Department of B S Narayan Memorial Knowledge Resource Centre convened Library Committee Meeting in the Library.



August 25th, 2022

- ❖ The II Semester MBA students, Mr.Manoj Kumar S and Ms.I V Pooja won the First place in Marketing event at a Management fest 'Nirvahana-2022', organised by

'Ramaiah College of Arts, Science & Commerce'.



- ❖ Sri. Sridhar.H.R, Assistant Professor in the department of MBA was invited as a Jury member for the marketing event at a Management fest, 'Nirvahana-2022' organised by 'Ramaiah College of Arts, Science & Commerce'



- ❖ Sri. Hemanth Gadgil, Executive Director, La Fondation Dassault Systèmes and his team visited the Water Research Lab of Civil Engineering department and interacted with the HOD, faculty and students involved in the ongoing La Fondation Dassault Systèmes supported projects.



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

REPORT ON COLLEGE ACTIVITIES – AUGUST 2022



Management. Around 30 faculty members from various institutions attended the FDP.

August 26th, 2022

- ❖ Dr. S. Uma, Associate Professor in the Department of Computer Applications was invited to deliver a talk on "Python Programming" in the event, "Words of Wisdom", organised by the Department of Computer Science, Jain Deemed to be University.



- ❖ Sri. Sridhar.H.R, Assistant Professor in the department of MBA was invited to conduct the Business Quiz event at a Management fest 'Aakarsh-2022' organised by 'VVN Degree College.'



- ❖ Dr.S.Manoharan, Associate Professor & HOD, MBA delivered a talk on "conducting systematic literature review for research" as a part of the two day FDP organized by Bhavans Royal Institute of

- ❖ Sri. Rahul R and Dr. Chandra Shekara G, Assistant Professors in the Department of Mathematics co-authored a book titled, 'Cryptography and Network Security: Principal and Practices' published by Scientific International Publication House, ISBN No. 978-93-5625-338-4

- ❖ Mrs. Sheeba N, Assistant Professor, Dept. of Mathematics & Humanities published a research article titled, "Constitutional Safeguards Against Construction – Related Pollution and the Right to Breathe Clean Air" in the Indian Journal of Law and legal



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

REPORT ON COLLEGE ACTIVITIES – AUGUST 2022

Research, Vol. IV, Issue IV, ISSN No. 2582-8878, August 2022.

- ❖ NBA Expert Committee visited the college for evaluation of the following programs towards accreditation during August 26-28, 2022.

Sl. No.	Program
1	Information Science & Engineering
2	Medical Electronics
3	Biotechnology
4	Computer Science and Engineering
5	Electrical and Electronics Engineering
6	Electronics and Instrumentation Engineering

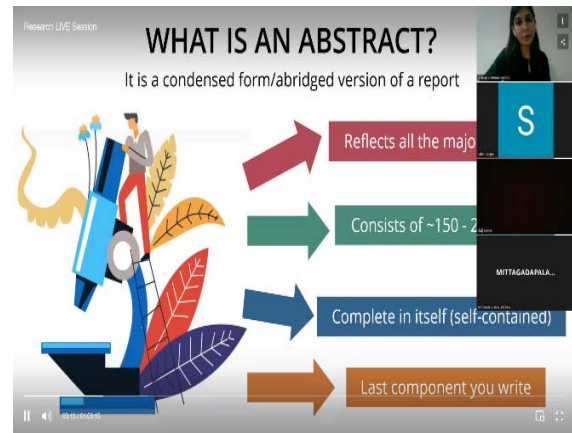
August 27th, 2022

- ❖ Mr. Junaid Rasheed Shaikh, an alumnus (2013-2017) of Department of Chemical Engineering who is currently the head of Sales and Marketing at JF International FZCO, Dubai, UAE, delivered a talk on “*Petrochemicals: Operations and Logistics*” to 4th semester students of the department.



August 28th, 2022

- ❖ AIChE student chapter of Chemical Engineering Department organized a webinar on ‘*Project Report and Presentation Skills*’ by Ms Neha Agarwal, Alumnus, NTU Singapore, WiseUp Communications, Bengaluru.



- ❖ Dr B Kanmani, presented a copy of her book titled, ‘*Effective Implementation of OBE leading to Accreditation*’, published by ISTE-Working Professionals Learning Project (WPLP), an AICTE Project (ISBN: 978-81-89731-23-6) to Prof. N G Narayankhedkar.





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

REPORT ON COLLEGE ACTIVITIES – AUGUST 2022

August 31st, 2022

- ❖ Smt.Saritha A N, Assistant Professor in the department of Computer Science & Engg., along with the UG students, Mr.Ravi Kumar, Mr.Vignesh T S, Mr.Ajit Jain & Mr.Shubham Sharma published a paper titled, “Object Construction Using Deep Learning” in Journal of Emerging Technologies and Innovative Research.