April 1st, 2024

- Induction Program Phase-II for first year students of the academic year 2023-2024 was inaugurated on 1st 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 4th Semester VTU-2022 syllabus organised by RVITM, Bengaluru.

April 2nd, 2024

- 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 3rd, 2024

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

April 3rd, 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.
Department of Electronics and Instrumentation Engineering organized a guest lecture titled, ‘PSU JOB Opportunities ’ by Sri. Vineet Gupta, Chief Mentor, CONTENT.

Dr. Manjunatha S.O., Assistant Professor, Dept. of Physics co-authored & published a research paper titled, “Synthesis, characterization and application of rare earth (Lu3+) 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

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 Bruxelless) during April 3-21, 2024 and also completed and 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 4th, 2024

Mr.Aravind Sreekanth, Ms. G Divyashree, Mr.Ganavi V Raghavan, 6th 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.

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

Ms.Seema N. Poojary, Mr.M.S. Pranav Karanth and Ms.G.Divyashree, sixth
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 2nd 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.

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:
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.

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 NH3/H2 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 5th, 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 &
EEE on 5\textsuperscript{th} & 6\textsuperscript{th} 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.

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.

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.

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 NITT, Chennai during April-May 2024.

April 6\textsuperscript{th}, 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,
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
April 8th, 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 ZnAl2O4 anode material for Li/Na ion batteries’ in an international journal ‘Applied Physics A: Materials Science and Processing’ Vol. 130 pp 300. 10th April 2024, Impact factor: 2.983 (2021) ISSN: 0947-8396, DOI:https://doi.org/10.1007/s00339-024-07415-9,

April 11th, 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.
April 12th, 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.

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 12th & 13th April 2024.

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.

April 13th, 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 enhancing problem-solving abilities.

April 14th, 2024

Bharata Ratna Dr. B.R. Ambedkar's Jayanti was celebrated in the Principal's chamber of the college.
Dr. Abhishek Appaji, HOD-R&D was invited to organise PROGRESS Workshop as Session Chair at ICASSP 2024 held in Seoul, South Korea.

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.

April 15th, 2024

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

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. Hemanth Gadgil interacted with the faculty and students in the Product Innovation Laboratory.
April 16th, 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.

April 17th, 2024

Twelve student project proposals across the departments have been approved for sponsorship from Karnataka State Council for Science and Technology (KSCST) in 47th 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 NiFe2O4 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 17th April2024, 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.
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 18th, 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.

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.

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 19th, 2024

Sri. K Arjun, Assistant Professor in the department of Civil Engineering was invited to deliver a lecture on "Concrete Mix Design" at Dayananda Sagar Institute of Technology.

A group of twenty students and three faculty members from the department of
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 19th & 20th 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.

VTU Universal Human Values Cell (UHV) organized 4th monthly lecture for the students of 2nd 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.
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.
The department of Electronics and Telecommunication Engineering signed an MoU with Vinidra Softtech, founded by Mr. S. B. Shivaditya, 6th semester student in the department.

April 22nd, 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,
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.
The two day Mega event was concluded on 23rd 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 curriculum which was very motivational to the students. Dr. Bheemsha, Vice Principal(Adm), Deans and HODs graced the occasion.

April 23rd, 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, 6th semester student & Mr. Prakyath Prakash Thalya, 8th semester student of the Chemical Engineering department under the guidance of Smt. Shabnam Siddiqui, 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, Tumkur and won the first prize for best poster presentation.

Ms. Seema N. Poojary, Mr. M. S. Pranav Karanth and Ms. G. Divyashree, 6th 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, Tumkur and won 1st prize for best oral presentation.

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
BIG Foundation (BMSreenivasiah 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 24th, 2024

The department of Chemical Engineering organised an industrial visit to Gandhi Krishi Vignana Kendra (GKVK), Bengaluru for 6th 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
REPORT ON COLLEGE ACTIVITIES – APRIL 2024

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

April 25th, 2024

The department of Chemical Engineering arranged an industrial visit to 8th 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.

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 6th semester UG students and 1st 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
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.
April 27th, 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 8th 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.

April 28th, 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
Adamya Chetana Foundation on April 7th, 14th, 21st and 28th, 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 29th, 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.
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 29th to May 3rd, 2024.

The Gradient - Students’ club of Department of Machine Learning organised an AI themed technical fest from April 29th to 2nd 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 29th and 30th 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.

Data Unlocked was a hands-on workshop conducted under the umbrella of Gradient AI Week 2024. The workshop was attended on April 30th, 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.

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


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.
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