February 1, 2020: Dr. L. Ravikumar, Dr. J. Sharana Basavaraja, and Dr. G. Saravanakumar, Faculty, Department of Mechanical Engineering were invited to chair the sessions in the International Conference on Academic Research in Engineering, Management and Information Technology - ICAREMIT-2020 by MJP Rohilkhand University, Bareilly. They also presented technical papers. The Conference was organized in association with BMSCE from February 1-3, 2020.

February 1, 2020: Dr. P. Jayarekha, Professor, Department of Information Science & Engineering was invited to handle a session titled “Continuous Improvement in OBE Process” in the one week Faculty Development Program on “Outcome Based Education & NBA Accreditation” organized by New Horizon College of Engineering, Bengaluru.

February 3, 2020: Department of Chemical Engineering organized workshop on “Classical Modeling Concepts & Hands on Training: Simulation Software”.

February 4, 2020: Departments of Computer Applications and Electronics & Telecommunication Engineering in association with Heartfulness Institute organized "Dhyanaotsava" an event focused on meditation.

February 5, 2020: Department of Electrical & Electronics Engineering organized a talk on “Skills for the millennial for industry readiness”. The talk was delivered by Ms. Dharini Dixit (alumni).
February 5, 2020: Dr. M. Indiramma, Professor, Department of Computer Science & Engineering was invited as a Jury panel for Smart India Internal Hackathon by BNMIT, Bengaluru

February 5, 2020: BMSCE & BMSCA Team comprising of Ms. Irene Komal (student of ISE), Ms. Navya Shree Vedachala (student of Chemical Engg.) and Ms. Harshinee Rajkumar (student of Architecture) and Dr. B. R. Shambhavi (faculty mentor), Faculty, Department of Information Science & Engineering won the Wipro Earthian Award 2019 under the college category

February 6, 2020: Meeting of the College Council to discuss the academic activities

February 6, 2020: Mr. M. Uday Kumar, Research scholar, Department of Physics presented research paper titled “Structural and optical studies on strontium filled CoSb3 nanomaterials via solvothermal method” in the International Conference on Material Genome (ACCMS-ICMG-2020) under the guidance of Dr. Lathakumari held at SRM University, Amaravati, Andhra Pradesh from February 5-7, 2020

February 7, 2020: Department of Electrical & Electronics Engineering organized industrial visit to Boruka Power Plant for the students of 6th semester

February 7, 2020: Protocol Club of the Department of Computer Science & Engineering in association with IEEE-BMSCE Student Chapter organized workshop on "Future Skills" for the
students of 6th semester. Resource person was Mr. Vishwanadh Raju, Global Head of Talent Acquisition, M/s AXISCADeS, Bengaluru

February 7, 2020: Department of Aerospace Engineering organized Guest Lecture on “Job opportunities for Aerospace Engineers, instrumentation and control techniques – LabVIEW”. The lecture was delivered by Mr. V. Sunil Kumar, Managing Director, V I Solutions

February 8, 2020: Dr. B. V. Ravishankar, Principal, was invited to deliver an invited talk on “Significance of Research and Innovation in Engineering Curriculum” by Angadi Institute of Technology, Belagavi

February 8, 2020: Department of Civil Engineering in association with VTU, Belagavi organized Faculty Development Programme on “Teaching Methodology in Engineering Geology Practicals”

February 8, 2020: The Competitive Coding wing of <CodeIO/> of the Department of Computer Science & Engineering conducted its Competitive Coding sessions

February 8, 2020: Dr. Rajeshwari Hegde and Dr. C. Gururaj, Faculty Department of Electronics & Telecommunication Engineering were appointed as IEEE Student Branch Counselor and Mentor respectively in the BMSCE IEEE Annual General Meeting 2020
February 8, 2020: Department of Computer Applications in association with IIT-Bombay and Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT), an initiative of MHRD organized one-day workshop on Arduino Kit using the Spoken Tutorial methodology

February 8, 2020: The following faculty members were awarded Ph.D Degree from VTU, Belagavi:

Dr.P.Gomathi, Faculty, Department of Mathematics - Title of the Thesis: Some Contributions to the Theory of Hamiltonian Laceable Graphs and Applications to Computer Networks.

Dr.S.Uma, Faculty, Department of Computer Applications – Title of the Thesis “Web Services using Multi Agent Systems”

February 8, 2020: BMSCE Kabaddi (M) team participated in the Police local youth encouragement tournament organized by Girinagar Police Station, Bengaluru and were placed Runners

February 9, 2020: Dr.Rajeshwari Hegde and Dr.C.Gururaj, Faculty Department of Electronics & Telecommunication Engineering and BMSCE IEEE Student Branch Counselor and Mentor were invited to attend the IEEE Branch Counselor meeting at BNMIT, Bengaluru

February 10, 2020: Department of Mechanical Engineering organized Industrial Visit to CSIR-National Aerospace Laboratories for the students of 4th semester (A & B Section)

February 10, 2020: Department of Computer Applications organized a talk on “Living in Digital Shadows-Cyber Awareness”

February 10, 2020: BMSCE Basketball (M) team participated in the SPIELS - 2020 tournament organized by St. Joseph’s College of Commerce, Bengaluru from February 10-15, 2020 and were placed Runners

February 11, 2020: Protocol Club of the Department of Computer Science & Engineering in association with IEEE-BMSCE Student Chapter organized workshop on “UX and UI Design” for the students of 4th semester. The resource persons for the workshop were Mr.Ramesha Ponnuswamy, Founder, Bridge UX Design Studios and Mr.Shivaprasad, UX consultant, Bridge UX Design Studios, Bengaluru

February 11, 2020: Department of Information Science & Engineering started Value added course on “Machine learning and Deep learning” for the students of Medical Electronics and Electronics & Telecommunication Engineering. Mr.Vivek Singal, Data Scientist from Cellstrat was the Resource person

February 11, 2020: Department of Information Science & Engineering organized workshop on “Hands-on workshop on Continuous Integration and Continuous Delivery with Bit-Bucket” for the students of 6th semester. Mr.Kausthub Narayan, Software Engineer, Atlassian Inc was the resource person
February 11, 2020: Department of Information Science & Engineering conducted workshop on “Cloud Computing Essentials” for the students of 4th semester. Mr. Kausthub Narayan, Software Engineer, Atlassian Inc was the resource person.

February 12, 2020: Department of Information Science & Engineering organized workshop on “Introduction to Machine learning” for the students of 4th Semester. Mr. Vivek Singhal, Cellstrat was the Resource Person.

February 12, 2020: Department of Information Science & Engineering and Department of Computer Science & Engineering signed MOU with HPE Incubation Centre for academic collaborations. Virtualization and Security Lab was also inaugurated in the Department of Information Science & Engineering.

February 12, 2020: Astronomy Club of the Department of Physics known as Alternate universe BMSCB conducted a sky watching session on the Terrace of New Academic Block.

February 12, 2020: Department of Computer Applications organized inauguration of Result Management System. This module allowed students to view their individual results based on the University Serial Number in a webpage.

February 13, 2020: NASSCOM conducted diagnostic Assessment test for the CSE students of 4th, 6th and 8th semester from February 13-15, 2020 under TEQIP-III.
February 13, 2020: Dr. S.B. Bhanu Prashanth, Professor, Department of Medical Electronics, was invited to an exclusive meeting with Mr. Deepak Shinde at White Palace, Bengaluru. The theme was “Old-age teaching to new generations: Adolescent Challenges”

February 13, 2020: The following faculty members of the Department of Biotechnology were invited to deliver lectures in the Workshop on Plant Tissue Culture and Workshop on Quality Control Biologists by Padmashree Institute of Management and Sciences

- Dr. Savithri Bhat, delivered lectures on “Technology development in transgenic plants” and on “Scientific Safety of Materials and Chemicals
- Ms. N. Prathibha delivered a talk on “Bioreactors in plant tissue culture” and on “Optical & electronic sensors in laboratory”

February 14, 2020: Department of Electronics & Instrumentation Engineering in association with Mitsubishi Electric India organized National Level Automation Competition - 5th Edition Mitsubishi Electric Cup 2020. Around 270 proposals were received and best 35 teams were selected. They demonstrated their projects during the competition. Mitsubishi Electric India also supported in setting up of automation Lab by providing latest equipment worth Rs.20.00 lakhs. Delegates from Mitsubishi Electric Japan graced the event.
Dr. P. Meena, Professor & Head, Department of Electrical Engineering represented academia as a panelist on the discussion “Visualizing IoT solutions for smart automation” during the Mitsubishi Electric Cup event.

Dr. S. B. Bhanu Prashanth, Professor, Department of Medical Electronics, with his interdisciplinary team of 4 students, participated in the 5th Mitsubishi Electric Cup competition.

February 14, 2020: Departments of Chemical Engineering and Mechanical Engineering in association with Malvern Application Lab organized One day workshop on “Synthesis and Characterization of Nanoparticles” with Hands-on training under TEQIP-III.

February 14, 2020: Department of Mechanical Engineering in association with Mechanical Engineering Association conducted a collaborative activity based programme ‘Network’.

February 14, 2020: Department of Medical Electronics organized Extension Lecture series on “Carrier options in Electronics core Industry and Product Engineering”. The talk was delivered by Mr. S. Karunakaran, Technical Head, SchemaZen, Bengaluru.
February 14, 2020: BMSCE IEEE-WiE-SB and the Industry Institute Interaction Cell (IIIC) wing of the Department of Computer Applications organized Workshop on “UXUI” for the students of 4th semester. Resource persons were Ms. Shilpa Joshi and Mr. Kiran Corporate Trainers at SILICA Institute, Bengaluru.

February 14, 2020: Dr. B. Mallikarjuna, Faculty, Department of Mathematics was invited to deliver a talk on “Hands-on Engineering Mathematics using MATLAB” by SRM Institute of Science & Technology, Tamil Nadu.

February 15, 2020: Department of Electrical & Electronics Engineering organized a talk on “Emerging Technologies in the Power Engineering” for the students of 6th semester. The talk was delivered by Mr. Prasad Ranga, Entrepreneur.

February 15, 2020: Student Club of the Department of Information Science & Engineering organized a talk on “Distributed Systems” for the students of 2nd & 3rd year. The talk was delivered by Mr. Aditya Kamat, Site Reliability Engineering (SRE), LinkedIn.

February 15, 2020: Dr. Abhishek Appaji, Faculty, Department of Medical Electronics was invited as Chief Guest for the inauguration of Technical Fest “Saamarthya” by SSIT, Tumakuru.

February 19, 2020: Department of Mechanical Engineering organized Industrial Visit to FESTO India Private Ltd.,

February 19, 2020: Department of Medical Electronics organized workshop on “Writing a competitive research grant” for the faculty and research scholars of BMSCE

February 19, 2020: Department of Medical Electronics organized Extension lecture series on “Innovation: Project to Product Ideas”. Resource Person was Mr.Ravikiran Prabhakara, Mentor & Consultant, Shirak

February 20, 2020: Department of Mechanical Engineering organized Industrial Visit to CSIR-National Aerospace Laboratories for the students of 4th Semester (C & D Sections)

February 20, 2020: Dr.B.Sudarshan, Dr.L.Ravi and Dr.Venkatesh T Lamani, Faculties, Department of Mechanical Engineering along with M.Tech students (Thermal Engineering) and Research scholars attended a special colloquium delivered by Dr.Dwight Barkley from the University of Warwick, UK on “The Route to Turbulence” organized at International Centre for Theoretical Sciences (ICTS), Bengaluru

February 20, 2020: Smt.A.N.Saritha, Faculty, Department of Computer Science & Engineering along with Ms.Smita Sindhu, Mr.Sunil Parameshwar Patil, Mr.Arya Sreevalsan and Mr.Faiz Rahman, Under-Graduate students published research paper titled “Phishing Detection: A Literature Survey” in the International

- The faculty members of the Department of Industrial Engineering & Management and Information Science & Engineering along with students and faculty of other institutions presented papers in the Conference:

- The paper titled “Blockchain Based Solution for Proof of Pickup of a Physical Asset” presented by Sri.N.Sandeep Verma, Faculty, Department of Information Science & Engineering, Sri.M.Siva Rama Krishna, Faculty, Department of Computer Applications and Mr.R.Rohan was awarded as best paper

February 22, 2020: BMSCE Basketball (W) team participated in the MOMENTUM - 2020 tournament organized by R.V. College of Engineering Bengaluru from February 22-24, 2020 and were placed Runners

February 22, 2020: Dr.D.N.Sujatha, Professor, Department of Computer Applications & IIIE SAC-Chair was invited to reactivate and uplift IEEE student Branch, BIT by orienting the students regarding academic career and professional networking opportunities that build critical skills outside the classroom

February 23, 2020: Ms.Vijaya Patil, Student of Electronics Engineering secured first place in State level Essay competition organized by Samartha Bharata and Mythic Society, Bengaluru
February 24, 2020: 75th Meeting of the Board of Governors was convened. The Board deliberated on Administrative, Academic, Financial and TEQIP matters.

February 25, 2020: Dr. Savithri Bhat, Faculty, Department of Biotechnology was invited to deliver a talk on “Women in the field of Genetics” in the 6th National Conference on Women in Science, Technology and Management-Enablers of change by Kristu Jayanti College.

February 26, 2020: Department of Mechanical Engineering organized Ph.D Viva Voce Examination in respect of Research Scholar Mr. C.A. Niranjan under the guidance of Dr. S. Srinivas and Dr. M. Ramachandra.

February 26, 2020: Dr. B. Sudarshan, Faculty, Department of Mechanical Engineering presented technical paper titled “Study on Combined Effects of Forward Facing Cylindrical and Parabolic Cavities with a High-Pressure Opposing Jet (PR ≈18) at Mach-6 Conditions” in the 6th National Symposium on Shock Waves (NSSW2020) held at Indian Institute of Technology-Madras from February 26-28, 2020. His paper was awarded as best paper.

February 26, 2020: Department of Biotechnology, BMSCE in association with Department of Mathematics & Biotechnology, DSCE and IWSA organized one day hands-on training in Biostatistics and its application.

February 26, 2020: Placement Activity Club and BMSCE IEEE-WiE-SB wing of the Department of Computer Applications organized workshop on “Effective Resume Writing and Interview Skills” for the students of 4th semester. Resource person was Mrs. Vidya Ramaprasad, Freelance trainer in soft skills.
February 26, 2020: BMSCE felicitated the Karnataka Wheelchair Cricket Association Cricket Team who were placed Runners.

February 27, 2020: The Dean (Academic) organized Two Days Workshop on CDIO (Conceive – Design – Implement – Operate). The Outcomes Based Education (OBE) has come to a crossroad where the improvement from the initial stage of OBE need to be implemented with the help of the ideas from Conceive-Design-Implement-Operate (CDIO). Prof. Salmiah Kasolang and Prof. Nor Hayati Saad, Faculty of Mechanical Engineering, UiTM were the resource persons. All the Head of the Departments along with the NBA coordinators attended the workshop.

February 27, 2020: Mr. Aayush Bafna, Mr. Jatin, Mr. Chethan and Mr. Arjun, (Team Pyrates) students of 8th semester Electrical & Electronics Engineering were awarded Third place with cash prize of Rs.10,000/- in the National level MAKE-A-THON organized by Shri Shankaracharya Technical Campus (SSTC), Bilai, Chhattisgarh from February 27-28, 2020.

February 27, 2020: Sri. H.H. Surendra, Faculty, Department of Electronics & Communication Engineering presented research Paper titled “Evaluating Model fit for a time series Solar Irradiance and DC power data to forecast accuracy measures” in the International Conference on Automation, Signal Processing, Instrumentation and Control (iCASIC 2020) held at Vellore Institute of Technology, Vellore.

February 27, 2020: Department of Computer Science & Engineering organized Technical Talk on “Importance of Volunteering and Youth for Seva Orientation” for the students of 4th Semester. The talk was delivered by Mr. Rohit Bellani, Managing communications from Youth For Seva.

February 27, 2020: Department of Electronics & Telecommunication Engineering distributed Samaranam Mukunda Memorial Scholarship of Rs.6,000/- each to Mr. Chaitanya Krishna Sharma & Ms. K.R. Geetha, students of 4th semester and Mr. J. Dhushyanth Kumar & Ms. C. Sahana, students of 6th semester.
February 27, 2020: Department of Aerospace Engineering organized Guest Lectures on “Structural Optimization of an Automobile Hood using Natural Flax Fiber Reinforced Plastic Composites and RIM Manufacturing Method” and “Composites and RIM Manufacturing Method”. The lectures were delivered by Prof. Changduk Kong & Prof. Dipak Kumar Maiti, IIT Kharagpur

February 27, 2020: BMSCE Kho-Kho (M) team participated in the VTU Bangalore Central Zone Kho-Kho Tournament – 2020 organized by Dr. Ambedkar Institute of Technology, Bengaluru from February 27-28, 2020 and were Winners of the tournament

February 28, 2020: Dr. R. N. Ravikumar, Faculty, Department of Mechanical Engineering conducted an awareness session on writing a research review paper for the students of 8th semester

February 28, 2020: Dr. L. Ravikumar, Professor, Department of Mechanical Engineering was nominated as Member, NBA Expert Committee to visit the Colleges for evaluation from February 28-29, 2020

February 28, 2020: Dr. J. Sharana Basavaraja, Dr. Y. S. Rammohan, Dr. Vardhaman S Mudakappanavar and Dr. Tataram K Chavan, Faculty, Department of Mechanical Engineering were invited to Chair the Sessions in the 2nd International Conference on Advances in Mechanical Engineering Sciences (ICAMES-2K20) organized by PES College of Engineering, Mandya from February 28-29, 2020. Dr. Vardhaman S Mudakappanavar and Dr. Tataram K Chavan also presented research papers titled “Study of dry sliding wear behavior of eutectic aluminium silicon alloy solidify under the influence of mechanical mould vibration”

February 28, 2020: Department of Electrical & Electronics Engineering organized lecture on “BLDC Motor” on 28th & 29th February 2020. The lecture was delivered by Prof. S. S. Murthy INAE distinguished Visiting Professor
February 28, 2020: Department of Industrial Engineering & Management organized iSAFE’19: Panel Discussion on “How Can Youth aid the Government in Making Indian Roads Safer” - The Safer India Challenge on ROAD SAFETY, an initiative of Indian Road Safety Campaign (IRSC)

February 28, 2020: Department of Biotechnology organized Guest Lecture on “Atomic Resolution Structures to Biological Function”. The lecture was delivered by Dr.Ramaswamy Subramanian, Professor, Biological Sciences & Biomedical Engineering, Director, Bindley Bioscience Center, Purdue University, West Lafayette, USA and Visiting Scientist, Institute for Stem Cell Science and Regenerative Medicine, Bengaluru

February 28, 2020: Department of Biotechnology in association with IWSA supported by BRNS organized Popular Science Lecture on “Cancer genes: Biology to therapy” as a part of National Science Day celebration. The talk was delivered by Dr.Prathibha Ranganathan, Scientist, Centre for Human Genetics

February 28, 2020: The Industry Institute Interaction Cell (IIC) and BMSCE IEEE - WiE- SB Wing of the Department of Computer Applications organized a talk on “Breaking the Myth on Blockchain”. The talk delivered by Mr.Muthuram Govindarasu, CEO and Founder, Indegeneous Tech Private Limited, Bengaluru
February 28, 2020: The following faculty members of the Department of Mathematics presented research papers in the International Conference on Mathematics and its Applications organized by Bangalore University, Bangalore from February 28-29, 2020

- Sri. Anthony Christy Melson, presented paper titled “Nonlinear Convection and Heat Transfer in non-Newtonian ferrofluids”
- Dr. G. Chandra Shekara presented paper titled “Stability of MHD Visco-Elastic Fluid Flow through Porous Layer in the presence of Soret and Dufour Effects”
- Dr. V. Chaitra presented paper titled “Restricted Minus Domination Number of a Graph”

February 29, 2020: Dr. K. S. Vasundhara Patel, Professor, Department of Electronics & Communication Engineering along with Mr. P. Abhilash, M.Tech Student and Ms. G. Shruthi, Research Scholar published research paper titled “Beyond Binary, Beyond CMOS Implementation of TCAM Array” in the Web of Science Journal

February 29, 2020: Dr. Rajath Vasudevanmurthy, Faculty, Department of Electronics & Communication Engineering was invited to be a mentor at the Pre-Conference to review short-listed student project proposals and provide constructive feedback by the Organizing Committee, IEEE Cloud Computing in Emerging Markets (CEM). He also guided two student teams of the Department to submit project proposals

February 28, 2020: Dr. B. R. Ramji, Professor, Department of Industrial Engineering & Management presented research paper titled “Depth of Penetration and surface roughness analysis of aluminum 6061 cut by Abrasive Water Jet” in the 2nd International Conference on Advances in Mechanical Engineering Sciences (ICAMES-2K20) organized by PES College of Engineering, Mandya from February 28-29, 2020

February 29, 2020: Mr. Parth Bhikahalal Bhadra, Ms. Divyam Salarpuria, Mr. Harshavadhan Patil, Mr. Jenith Suman Naronah and Mr. Tushar Agarwal students
of Mechanical Engineering participated and secured First place (overall) in the competition “SAE Aero design challenge-2020” held at Bannari Institute of Technology, Sathyamangalam from February 29 – March 1, 2020 under the guidance of Sri.V.Ram Rohit, Faculty of the Department The team was awarded with cash prize of Rs.1.00 Lakh among 68 teams across India including IITs and NITs

February 29, 2020: Dr.S.Srinivas and Dr.M.Ramachandra, Faculty, Department of Mechanical Engineering along with Research Scholar Mr.C.A.Niranjan published research paper titled “Experimental investigations on depth of penetration and surface integrity in AZ91/Al2O3 nano-composites cut by abrasive water jet” in the International Journal Adv Manuf Technol (2020). https://doi.org/10.1007/s00170-020-05069-4, ISSN: 0268-3768, Impact Factor 2.496.

February 29, 2020: Dr. Abhishek Appaji, Faculty, Department of Medical Electronics, BMSCE

February 29, 2020: Departments of Computer Science & Engineering and Medical Electronics in association with Protocol club of CSE Department organized talk on “How to prepare content for technical writing” for the Post-Graduate students. The talk was delivered by Dr. Abhishek Appaji, Faculty, Department of Medical Electronics, BMSCE

February 29, 2020: Smt.T.S.Shobhana, Smt.R.Rashmi and Smt.H.M.Monisha, Faculty, Department of Information Science & Engineering under SDC of ISE developed Online course registration. The registration was enabled for the all the students of 4th semester for the current Academic Year 2019-20

February 29, 2020: Department of Electronics & Communication Engineering and Department of Electronics & Telecommunication Engineering signed an MOU with Stellapps Technologies, an IOT based company
B.M.S. COLLEGE OF ENGINEERING, BENGALURU
Autonomous Institute, Affiliated to VTU

REPORT ON COLLEGE ACTIVITIES – FEBRUARY 2020

Engineering organized an externsion lecture on “Sensors and its Applications in Agriculture” under BMSCE IEEE. The lecture was delivered by Mr.Ravishankar Shiroor, Founder, Stellapps Technologies

February 29, 2020: Department of Aerospace Engineering organized Guest Lecture on “Theory and computational methods of fluid and solid mechanics for aerospace engineers - history and modern prospective”. The lecture was delivered by Prof. J.S.Rao, AICTE - INAE distinguished Visiting Professor

February 29, 2020: Dr.D.N.Sujatha, Professor, Department of Computer Applications was invited to deliver a talk in IEEE Faculty Conclave, NIEIT, Mysuru

February 29, 2020: Placement Activity Club of the Department of Computer Applications conducted various activities like Resume Writing, session on C programs etc., during the month