



**B.M.S. COLLEGE OF ENGINEERING, BENGALURU**  
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**REPORT ON COLLEGE ACTIVITIES – February 2019**

**February 1, 2019:** Department of Computer Science & Engineering organized an interactive session on the state-of-the-art research and development work at the centre and also the various career opportunities with the centre after graduation with Mr.Stefan Ipac, Manager of Research and Academic programs, Robert Bosch Centre for Cyber-Physical Systems, IISc., Bangalore



**February 2, 2019:** Dr.B.V.Ravishankar, Principal and Dr.H.S.Guruprasad, Professor, Department of Information Science & Dean (Student Affairs) was invited to conduct NBA Mock inspection by Government Engineering College, Bilaspur, Chattisgarh from February 2-3, 2019



**February 2, 2019:** Department of Mechanical Engineering organized a Seminar on “Opportunities for Higher Education and Research in Germany”. Resource person was from German Academic Exchange Service (DAAD)



**February 3, 2019:** Department of Electrical Engineering organized 16<sup>th</sup> International Conference on Remote Engineering and Virtual Instrumentation - REV 2019 from February 3-6, 2019



The following departments participated in the conference and presented papers:

**Department of Mechanical Engineering:**

- Sri.C.C.Arjun, Sri.N.V.Sreekanth and Dr.K.Guruprasad, faculty, Department of Mechanical Engineering presented research paper titled “A skill



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enhancement virtual training model for additive manufacturing technologies”

- Sri.N.V.Sreekanth, Sri.C.V.Arjun and Sri.Manish Suvarna presented research paper titled “Optimized additive manufacturing technology using digital twins and cyber physical systems”
- Sri.Shashiraj performed Yakshagana in the cultural event during the REV Conference

**Department of Electrical Engineering:**

- Dr.C.Lakshminarayana, Professor, co-authored a paper titled “Design and Development of Solar Electric Hybrid Heated Bed Smart Electric Stove”
- Dr.P.Meena, Professor & Head, co-authored the following papers titled:
  - “Development of Internet of Things Platform and Its Application in Remote Monitoring and Control of Transformer Operation”
  - “Cyber-Physical Control and Virtual Instrumentation”
  - “Remote Monitoring and Control of Electrical Systems with Augmented Reality and Digital Twins”
- Dr.R.S.Geetha, faculty, co-authored a paper titled “Design and Analysis of Interleaved Buck-Boost KY Converter”
- Ms.Soniya Agrawal and Dr.Chandasree Das presented a paper titled, “Switching studies on  $\text{Ge}_{15}\text{Te}_{70}\text{In}_5\text{Ag}_{10}$  Thin films device for Phase Change Memory Applications”

**Department of Electronics Engineering:**

- Dr.G.Poornima, and Mr.Sharath presented paper titled “Design of Energy Efficient ALU using Clock Gating for a sensor Node”
- Dr.G.Poornima and Ms.B.M.Rashma presented paper titled “Performance Evaluation of Multicontroller Software Defined Network Architecture on Mininet”

**Department of Computer Science & Engineering:**

- Mr.Abhijith Kulkarni, Mr.Dheeraj Shet, Mr.K.Kaushal and Mr.Kiran Kumar students of 6<sup>th</sup> Semester under the guidance of Dr. Jyothi S Nayak, faculty presented Poster and won second place in the Poster presentation competition
- Mr.S.K.Vivek, Mr.P.Yashas and Mr.R.S.Yashank students of 6<sup>th</sup> Semester under the guidance of Dr.Jyothi S Nayak, faculty, presented Poster and won second place in the Poster presentation competition

**Department of Telecommunication Engineering:**

- Smt.T.Anusha Lalitha, presented Two papers titled “Open Education Resources and New Age Teachers” and “A smart HEMS architecture using Zigbee”

**Department of Electronics and Instrumentation Engineering:**

- Ms.Medha Bharadwaj and Ms.S.Mahalakshmi students of the Department presented paper titled “ParKnow- A System for Smart Parking Management” under the guidance of Dr.Veena N Hegde



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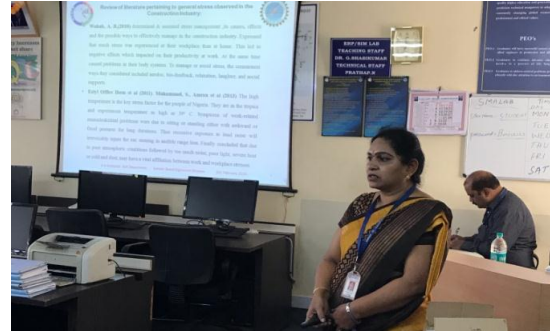
- Dr.M.N.Mamatha presented paper titled “Design of Single Patient Care Monitoring System and Robot”
- Mr.T.K.Sourabh and Dr.Veena N Hegde presented paper titled “Prognostics in Arboriculture using Computer Vision and Statistical Analysis”. The paper was co-authored by Mr.Nishant Velugula, University of Illinois, USA
- Ms.S.Kumuda and Dr.M.N.Mamatha presented paper titled “Biotelemetry over TCP/IP in LabVIEW”
- Ms.S.K.Ananya, Ms.Anupriya Periwal, Mr.Lalit Bajaj and Mr.Nihal Desai under the guidance of Dr.Santosh R Desai presented paper titled “Process parameter monitoring and control using digital twin”

**Department of Medical Electronics:**

- Ms.Sharadhi, student of 6<sup>th</sup> Semester presented the poster prepared by Ms.Adaikkammai, Mr.Manan Singhal and Ms.Evangelina Smita (2018 batch passed out students) under the guidance of Sri.Abhishek Appaji, faculty and was awarded Best Poster in the Poster presentation competition

**February 3, 2019:** Department of Industrial Engineering & Management organized Ph.D defense in respect of Smt.V.N.Shailaja, Research Scholar & faculty of the Department under the guidance of Dr.B.Ravishankar

**Title of the Thesis:** “Gender Based Critical Study and Analysis of Ergonomic Stresses Developed in Manual Engineering Process”



**February 4, 2019:** Department of Mechanical Engineering organized the visit of Prof.Abul K. M. Azad, Acting Associate Dean, Northern Illinois University, USA. He visited the Department and had interaction with the faculty members. As an outcome of the discussion, a possibility of MoU between the two institutions was discussed for mutual benefit of the students and faculty



**February 4, 2019:** Department of Mechanical Engineering organized Comprehensive Viva-Voce Examination Mr.N.V.Shivakumara, Research Scholar





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**February 4, 2019:** Dr.H.K.Rangavittal, faculty, Department of Mechanical Engineering was invited to present the progress and also to discuss with regard to funded project titled “Development of Carbon Fibre Reinforced Plastic (CFRP) torque transmission tube” by CVRDE, Chennai



**February 4, 2019:** Mr.V.Ajay, student of 6<sup>th</sup> semester Electronics Engineering received a Commendation Certificate and Medal by the Deputy Director General, Karnataka and Goa Directorate - NCC, for his exemplary achievements in mountaineering expeditions



**February 5, 2019:** Dr.Gurumurthy Hegde, Associate Professor & Prof.CNR Rao Chair, B.S.N. Centre for Nanomaterials and Displays was invited to deliver Guest talk on “Nano layer thin films for tuning shape anisotropic molecules for the application in information technology” in the Faculty Development Programme on Thin film and application” by R.V. College of Engineering



**February 5, 2019:** Dr.H.S.Jagadeesh, Professor, Department of Civil Engineering and Director, ICD participated in Educational Fair held at Mauritius to promote International admissions from February 5-12, 2019

**February 5, 2019:** Department of Telecommunication Engineering organized a talk on GATE 2020 to the students of 6<sup>th</sup> semester as a part of facilitating activity of the college for Competitive Examinations and Higher Education Studies. The talk was delivered by Dr.G.N.Rameshaiah, Professor, Department of Chemical Engineering

**February 6, 2019:** Dr.P.Dayananda Pai, Chairman, BOG visited the Department of Mechanical Engineering on 6<sup>th</sup> & 18<sup>th</sup>. The Roadmap of the Department for 2025 and the budgetary requirements for the department were discussed



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**February 6, 2019:** Dr Rajeshwari Hegde and Dr.P.S.Manjunath, faculty, Department of Telecommunication Engineering received certificate of appreciation for conducting National Wide Competition for College/University Students on Laws Related to Women, National Commission for Women (NCW)

**February 6, 2019:** Sri.Abhishek Appaji, faculty, Department of Medical Electronics was invited to conduct IQAC Sponsored One day National Level Workshop on “Paper Writing, Publishing and Review” organized by Government First Grade College for Women, Jamkhandi



**February 6, 2019:** Department of Chemical Engineering organized an interaction with Mr.Srivasthan, Consultant, Resource Recover Team in connection with research work and also to focus on the areas which benefits the society at large



**February 6, 2019:** Dr.C.S.Kaliprasad, faculty, Department of Physics published the following research papers

- Paper titled “Seasonal variation of radionuclides concentration in sand samples collected from Southern coastal areas of Kerala, India” in the Radiation Protection and environment Journal, Volume 4, issue 4, 2018. ISSN 0972-0464, Page No 176-180
- Paper titled “Radon exhalation rate and radon activity in soils of riverine environs of South Karnataka,” in the Radiation Protection and environment Journal, Volume 4, issue 4, 2018, ISSN 0972-0464, Page No 189-191

**February 7, 2019:** Dr.Savithri Bhat, faculty, Department of Biotechnology was invited to deliver a talk on “Knowledge on Genetically modified plants” in the National conference on Dravyaguna organized by Government Ayurveda Medical College, Bengaluru

**February 8, 2019:** Dr.K.Guruprasad, Professor, Department of Mechanical Engineering was nominated as Member, NBA Expert Committee to visit the Colleges for evaluation from February 8-10, 2019



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**February 8, 2019:** Departments of Telecommunication Engineering, Electronics Engineering, Computer Science, Information Science and Mechanical Engineering in association with BITES organized an event - Boot Camp from February 8-9, 2019



**February 8, 2019:** Smt.H.M.Anitha, and Dr.P.Jayarekha, faculty, Department of Information Science & Engineering published research paper titled “A Security-Aware Trust-Based SLA Framework Using SDN in Cloud Environment” as Book Chapter in Lecture Notes in Networks and Systems, vol 65. Springer, Singapore

**February 8, 2019:** Dr.N.Sandeep Varma, faculty, Department of Information Science & Engineering published research paper titled “Email Authorship Attribution” in Innovations in Electronics and Communication Engineering. Lecture Notes in Networks and Systems Springer

**February 8, 2019:** Departments of Electronics Engineering, Computer Science & Engineering and Information Science & Engineering in association with BITES, Bengaluru organized “Hands-on Workshop on IoT and Data Analysis Bootcamp” from February 8-9, 2019. The programme was chaired by Prof.Balasubrahmanya Murthy, Vice Chancellor of PESU

**February 8, 2019:** Departments of Computer Science & Engineering, Information Science & Engineering and Electronics Engineering in association with BITES organized Workshop on “IOT and Data Analytics” from February 8-9, 2019 for the students of ME, EC, CS, IS and TE



**February 8, 2019:** Dr.P.Jayarekha and Dr.B.R.Shambhavi, faculty, Department of Information Science & Engineering were invited as resource persons for the one day Workshop “Writing effective CO” by Malnad College of Engineering, Hassan

**February 8, 2019:** Mr.Souvik Sarkar, alumni (2012 Batch of Telecommunication Engineering) published the book titled “Add sugar to coffee”. The book release function was held at Sapna book house, Bangalore and was attended by few faculty and students of the department



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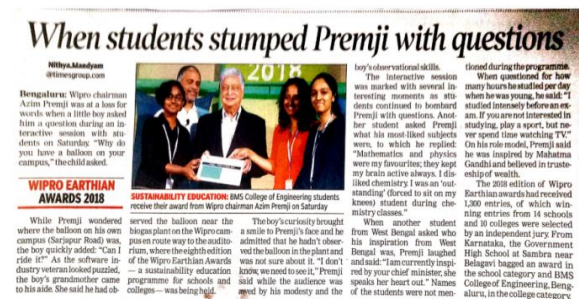
**February 8, 2019:** Department of Medical Electronics organized One week MHRD sponsored Global Initiative Academic Network (GIAN) programme on “Development concepts for future Imaging and Image Guided Surgeries - Exponential Technologies and Reverse Innovation” from February 8-14, 2019. Resource person was Prof.Micheal Frebie, Professor, Inst. of Medical Engineering, Otto von Guericke University, Magdeburg, Germany

Resource Person was Mr.B.G.Ganesh, Software Developer – 2, Oracle Cloud



**February 9, 2019:** Wipro Foundation hosted Earthian - a sustainability education program for schools and colleges, designed to promote sustainable thinking and action amongst youth. The 10 best Wipro Sustainability projects are shortlisted from school and college teams around the country and an annual event to celebrate their efforts. BMSCE team (Ms.Harshinee Rajkumar, 2<sup>nd</sup> year Architecture, Ms.P.Irene Komal, 2<sup>nd</sup> year Information Science & Engg., and Ms.Navyashree Vedachala, 3<sup>rd</sup> year Chemical Engineering) is among the 10 winning college teams

**February 9, 2019:** Dr.H.S.Guruprasad, Professor, Department of Information Science & Engineering and Dean (Student Affairs) was invited to conduct Two Days Workshop on “Outcome Based Education” by BGSIT, Bellur from February 9-10, 2019



**February 9, 2019:** Department of Information Science & Engineering organized Hands-on Workshop on “Docker Containers and Virtual Machines” for the students of 4<sup>th</sup> semester students.

**February 9, 2018:** Department of Information Science & Engineering organized Ph.D defence in respect of Smt.P.M.Rekha, Research Scholar under the guidance of Dr.M.Dakshayini, Professor and Head of the Department. The external examiner was Dr.Balakrishnan Ramdas, Professor, NIT Trichy



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**February 9, 2019:** Department of Information Science & Engineering in association with Electronics Engineering organized Expert Lecture on “Projects on Computer Networks and Security”. The lecture was delivered by Mr.S.Girish, Assistant General Manager, BSNL



**February 9, 2019:** Dr.Gurumurthy Hegde, Associate Professor & Prof.CNR Rao Chair, B.S.N. Centre for Nanomaterials and Displays was invited to deliver technical talk on “Wonders of light” as a part of Lecture Series on Advances in Physics by Savitri Bai Phule, Pune University



**February 9, 2019:** Department of Biotechnology organized Industry handled lecture sessions on Management and Entrepreneurship course by IA labs and Comtek Pvt Ltd., on 9<sup>th</sup>, 16<sup>th</sup> and 23<sup>rd</sup> for the students of 8<sup>th</sup> semester under DBT-STAR

**February 9, 2019:** Dr.Savithri Bhat, faculty, Department of Biotechnology was invited as judge in the technical event on project exhibition “PRAKALPA” by the Department of Biotechnology, PESU, Bengaluru for evaluating Best project



**February 11, 2019:** Department of Civil Engineering organized One week MHRD sponsored Global Initiative Academic Network (GIAN) programme on “Integrated Water Resources Management” from February 11-15, 2019



**February 11, 2019:** Ms.S.Anusha, Ms.K.R.Varalakshmi, Mr.N.Dharmaraj and Mr.R.Rakesh students of Telecommunication Engineering were awarded Samarpanam Mukunda Memorial Scholarship of Rs.6,000 each. The students were selected on the basis of Merit-cum-Means





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**February 12, 2019:** Dr.L.Ravikumar, Professor, Department of Mechanical Engineering was invited to attend TEQIP – III Mid Term Review Meeting by AICTE, New Delhi

**February 12, 2019:** Dr.L.Ravikumar, Professor, Department of Mechanical Engineering was invited to attend EAC meeting by National Board of Accreditation, New Delhi

**February 12, 2019:** Department of Industrial Engineering & Management organized “Productivity Week” of the National Productivity Council on the theme “Circular Economy for Productivity and Sustainability” from February 12-18, 2019. Posters made by IEM Students reflecting the above theme were displayed



**February 12, 2019:** Department of Computer Science & Engineering organized industrial visit to TCS, Bengaluru



**February 13, 2019:** Dr.P.Dayananda Pai, Chairman, BOG visited the Department of Civil Engineering to discuss about the infrastructure and budgetary requirements for the department



**February 13, 2019:** Dr.R.V.Ranganath, Professor, Department of Civil Engineering was invited to deliver a lecture on “High Strength Concrete” at Hotel Capitol, Bengaluru

**February 13, 2019:** Department of Electronics Engineering in association with IEEE BMSCE SB organized Guest Lecture on “Integrated EMC Engineering”. Resource persons were Dr.E.R.Rajkumar, Mr.Deepesh and Mr.Enke Dietmar from Robert Bosch Engineering and Business Solutions



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**February 14, 2019:** Dr.B.V.Ravishankar, Principal, was nominated as Expert Member for the Local Inquiry Committee of Visvesvaraya Technological University, Belagavi for inspecting the Engineering Colleges in Bangalore from February 14-15, 2019

**February 14, 2019:** Dr.Chandasree Das, faculty, Department of Electrical Engineering & one of the resource person from Centre of Excellence in Advanced materials research of BMSCE was invited to conduct Three Day workshop on “Advanced Materials Synthesis, Characterization and Processing” by FET MJP Rohilkhand University, Bareilly, from February 14-16, 2019 under twinning programme of TEQIP-III. The following faculty members of Department of Mechanical Engineering were also invited to deliver talk in the Faculty Development Programme

- Dr.M.Ramachandra, delivered talks on “Introduction to Materials & Material characterization” and “Material Characterization using XRD”
- Dr.S.Srinivas, delivered talks on “Abrasive Waterjet Cutting” and “Unconventional Machining”

**February 14, 2019:** Dr.M.V.Murugendrappa, Head, Department of Physics and Dr.M.S.Dharmaprakash, Professor, Department of Chemistry were invited as resource persons to conduct Three days Technical Seminar/Sessions on “Materials, Material Characterization and Processing” by FET MJP Rohilkhand University, Bareilly, from February 14-16, 2019 under twinning programme of TEQIP-III. They also delivered talks in the Technical Seminar

- Dr.M.V.Murugendrappa delivered talk on “Conducting polymers synthesis and characterization” and “Conducting polymers for sensors applications”
- Dr.M.S.Dharmaprakash delivered talk on “Nanomaterials Synthesis Techniques” and “Characterization of Nanomaterials using XRD, SEM and TEM”

**February 14, 2019:** Dr.R.Suresh Kumar, faculty, Department of Mechanical Engineering was invited to deliver talk on “Outcomes Based Education in Technical Education and explained the process of NBA accreditation in the 3-day workshop on SAR filling by FET MJP Rohilkhand University, Bareilly, from February 14-16, 2019 under twinning programme of TEQIP-III





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**February 14, 2019:** Mr.Kausthub, student of final year Computer Science & Engineering developed the VR/AR product and participated in the All India Ophthalmic Congress (AIOS) Conference held in Indore. He won the ophthalmic innovation of the year award



**February 15, 2019:** Sri.N.Narendra Babu, faculty, Department of Mechanical Engineering presented research paper titled “Optimum performance analysis of horizontal axis wind Turbine” in the 360<sup>th</sup> International Conference on Science, Engineering & Technology (ICSET) held at Researchfora, New Delhi from February 15-16, 2019

**February 15, 2019:** Department of Electrical Engineering organized an interactive session regarding opportunities for students to join the Centre for project and research activities with Mr.Stefan Ipach, Manager of Research and Academic programs, Robert Bosch Centre for Cyber Physical Systems, IISc., Bangalore



**February 14, 2019:** Smt.N.Prathibha, faculty, Department of Biotechnology conducted workshops on “Outreach Workshop on Usage of Foldscope” as part of project sanctioned under DBT-Foldscope, Government of India, at Government Higher Primary School, Sunkadakatte and Government Higher Primary School, Basaweshwara Nagar, Bengaluru

**February 15, 2019:** Department of Mechanical Engineering organized industrial visit to M/s Ace Designers Ltd., Bengaluru for the students of 4<sup>th</sup> semester



**February 15, 2019:** Dr.M.B.Veena, Smt.Lalitha, Dr.G.Poornima and Dr.K.R.Sudhindra, Faculty, Department of Electronics Engineering were invited to conduct workshop on Project based learning using MATLAB AND SIMULINK and “SAR Filing” by FET MJP Rohilkhand University, Bareilly from February 15-16, 2019





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**February 15, 2019:** Department of Telcommunication Engineering organized industrial visits to Zscaler Technologies and stealapps technologies for the students of 6<sup>th</sup> semester



**February 15, 2019:** BMSCE-Electronics & Instrumentation Engineering Team “COGNIZERS” participated in the Mitsubishi Electric Cup, 2019 - National Level Automation Competition held at Manav Rachna University, Faridabad from February 15-16, 2019. The project title “Prognostic Monitoring & Analyzing System for Motors” was carried out by Mr.M.Pranav, Ms.S.Rachana, Mr.Raju, Mr.Kanishk Rai, Mr.Keshav Kumar Taku runder the guidance of Dr.Santosh R Desai and were awarded third appreciation prize



**February 15, 2019:** Department of Electronics & Instrumentation organized Project Idea Presentation by VIII semester students. Dr.Sunil Shah, Co-founder and

CEO, Modelicon Infotech, Bangalore President ISA-Bangalore evaluated project ideas as a Reviewer from Industry



**February 15, 2019:** Department of Medical Electronics organized Guest Lecture on “Industry perspectives on Medical imaging, emerging trends in Med Tech Industry”. The lecture was delivered by Mrs.Medha Bharadwaj (alumni), Biomedical Engineer, Fuji Films, USA



**February 15, 2019:** Smt.V.Padmapriya, faculty, Department of Computer Applications was invited as resource person for the UGC sponsored one day “Workshop on Web Programming” for the Final year BSc., & BCA students organized by Government Science College, Bengaluru



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**February 16, 2019:** Dr.M.Anantha Sunil, faculty, Department of Electronics Engineering was invited to deliver a talk on “Thin Film Solar cell Technology” in the Five Days Open Course on Nano-Electronics & its Application organized by B.M.S. Institute of Technology and Management, Bengaluru

**February 15, 2019:** BMSCE Handball team participated in the State level intercollegiate tournament organized by Star Shooter Club, Bengaluru from February 15-16, 2019 and secured Runner Up position



**February 16, 2019:** Indian Institute of Industrial Engineering (IIIE), Bangalore Chapter felicitated Dr.B.Ramesh Nayak, Head and Smt.V.N.Shailaja, faculty Department of Industrial Engineering & Management for having completed Ph.D

**February 16, 2019:** Department of Electrical Engineering organized an Industry Interaction promotion session from The Indian Society for Remote Engineering and Data Science (INSOREDS)



**February 16, 2019:** Department of Computer Science & Engineering organized Extension Lecture series on “Rousing call to the youth” for the students of 4<sup>th</sup> semester. The lecture was delivered by Mrs.Rekha Ramachandran, Member, Disha Charitable Trust, Bengaluru



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**February 16, 2019:** Department of Computer Science & Engineering organized Extension Lecture series on “software project planning” for the students of 6<sup>th</sup> semester. The lecture was delivered by Mr.V.V.Sai Giridhar, Architect, Dell



**February 16, 2019:** Department of Chemical Engineering organized Guest Lecture on “Entrepreneurship” for the students of 4<sup>th</sup> and 8<sup>th</sup> semester. The lecture was delivered by Mr.N.Satish, Managing Director of Altanol Technologies Private Limited & Pioneer Crop science & Allied Industries

**February 16, 2019:** Department of Information Science & Engineering organized an extended lecture on “Android Applications” for the students of 4<sup>th</sup> semester. The lecture was delivered by Mr.Chirag Shenoy (alumni), Software Engineer, Share Chat



**February 16, 2019:** Department of Information Science & Engineering organized “Career Planning in New Age Technologies” an initiation for building skill set for market demand for the students of 4<sup>th</sup> semester. Resource person was Mr.H.V.Janardhana, Director, Talent Micro Innovations

**February 16, 2019:** Department of Biotechnology organized Guest Lecture on “Biotechnology entrepreneurship & commercialization opportunities and challenges”. The lecture was delivered by Dr.Jitendra Kumar, Director, Bangalore Bioinnovation Centre (BBC), (A Govt. of Karnataka Undertaking) under DBT-STAR



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**February 16, 2019:** Department of Biotechnology organized Guest Lecture on “Chromatin regulation and remodelling”. The lecture was delivered by Dr.Guru Dutta, Scientist and Faculty, IBAB, Bangalore under DBT-STAR



**February 16, 2019:** Department of Computer Applications in association with Vidya Sagar Educational Trust and Adanya Chethana organized a quiz for the students on culture, tradition and inculcate The Nationalism. About 800 students of various branches participated



**February 16, 2019:** Pentagram – The Mathematical society of BMSCE hosted its Annual Even Semester event Riddler’s Party



**February 17, 2019:** Department of Electronics Engineering conducted a Four Week Industrial Skill Development and Internship Program in the areas of IOT, App Development, Augmented/Virtual reality and Machine Learning as a part of the first technical initiative of the MoU with Tequed Labs from January 18 – February 17, 2019. The students of 2<sup>nd</sup> & 3<sup>rd</sup> year students of BMSCE and also students from other institutions participated



**February 17, 2019:** Ms.Shruthi Harihar Hegde, student of 6<sup>th</sup> semester Information Science & Engineering participated in the All India State level Essay writing competition and has been placed 3<sup>rd</sup> rank



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**February 17, 2019:** Mr.Anmol Agrawal, student of 6<sup>th</sup> semester and Ms.N.Shika student of 1<sup>st</sup> semester Telecommunication Engineering secured 4<sup>th</sup> and 5<sup>th</sup> positions respectively in the All India Essay writing event 2018 organized by Shri Ramchandra Mission and United Nation Information Centre for India & Bhutan and Heartfulness Institute



**February 17, 2019:** Department of Electronics & Instrumentation Engineering in association with Modelicon Infotech conducted Two Days' Workshop on "Multi-Domain System Modelling using Open Modelica" at FET MJP Rohilkhand University, Bareilly from February 17-18, 2019. This program was organized as a collaborative activity between BMSCE and FET MJP, Rohilkhand University, under TEQIP-III



**February 18, 2019:** Candle Light March to pay tribute to the 40 jawans who were martyred in the terror attack at Pulwama



**February 18, 2019:** Smt.N.Prathibha and Dr.Savithri Bhat, faculty, Department of Biotechnology published two 16s rRNA sequences Deinococcus sps (GenBank id: MK511813.1) and Micrococcus lylae (GenBank id: MK511812.1) isolated from B.M.S. College of Engineering campus in GenBank repository, National Centre for Biotechnology Information, National Institutes of Health's, U.S.A.

**February 18, 2019:** Department of Mathematics organized Colloquium in respect of Mr.B.V.Rangaraju, Research Scholar under the Guidance of Dr.M.S.Gayathri, faculty of the Department





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**February 18, 2019:** Dr.Gurumurthy Hegde, Associate Professor & Prof.CNR Rao Chair, B.S.N. Centre for Nanomaterials and Displays conducted Comprehensive viva voce examination in respect of Ms.S.Supriya, Research Scholar on “A study on conjugation of porphyrins with carbon nanomaterials and their application as Catalyst”



**February 19, 2019:** Department of Industrial Engineering & Management renewed MoU with CIM Tools and Scholarships were also awarded to the following meritorious students based on Merit cum Means

**February 19, 2019:** Mr.Sharath V.P.Bhat (alumni-2016), CEO, Mahalasa Medical Technologies, Bangalore launched product of Indigenous 3DR stereotactic device. The device was launched by Smt.Nirmala Seetharaman, Hon’ble Minister for Defence, Government of India at The Radisson Blu hotel, Bengaluru

1. Mr.A.Prem Kumar, 5<sup>th</sup> Semester
2. Ms.G.S.Shreeraksha , 5<sup>th</sup> Semester
3. Ms.A.M.Thanvi Thangamma, 3<sup>rd</sup> Semester
4. Ms.Kushi Soni, 3<sup>rd</sup> Semester



**February 19, 2019:** Smt.V.Shubha Rao, faculty, Department of Information Science & Engineering has been awarded Doctor of philosophy (Ph.D) degree by Visvevaraya Technological University, Belagavi

**February 19, 2019:** The Art of Living organisation started a movement called “Drug Free India” an integrated 360° movement to fight the drug abuse. The AICTE encouraged institutions to participate in this movement to help youth to overcome drug abuse and to work towards holistic development of students. Honourable Minister for Human Resource Development Shri.Prakash Javadekar shared an inspiring message urging all the educational institutes across the country to join the Drug Free India movement. The webcast was organised in the Faculty Development Centre

**February 19, 2019:** Dr.N.Sandeep Varma, faculty, Department of Information Science & Engineering was invited as an expert member for the Doctoral Committee review by SSIT, Tumkur



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**February 19, 2019:** BMSCE NSS Unit organised an event Drug Free India by The Art of Living



**February 20, 2019:** Inauguration of Principal Office in the New Academic Block



**February 20, 2019:** Dr.P.Dayananda Pai, Chairman, BOG visited the Department of Electrical Engineering to discuss about the infrastructure and budgetary requirements for the department



**February 20, 2019:** Dr.A.Usha, faculty, Department of Electrical Engineering co-authored & presented paper titled, “Design and implementation of multiple output interleaved Flyback converter with post regulator” at IEEE ICECCT 2019 held at Coimbatore from February 20-22, 2019

**February 20, 2019:** Department of Electronics Engineering in association with NUMA-Bangalore organized Extension Lecture for the students of 4<sup>th</sup> semester



**February 20, 2019:** Department of Electronics Engineering organized the visit of Dr.Robert E. Johnson, Professor & Dean, College of Engineering, Dr.Asis Nasipuri, Professor & Chair, Department of Electrical & Computer Engineering and Mrs.Anita Bose Natarajan, Educational Adviser, Education USA, US India Educational Foundation (USIEF) from University of North Carolina-Charlotte



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(UNC). The delegates from US had interaction with faculty & students with regard to higher studies, fellowships, internships, placement opportunities and research activities in US



**February 20, 2019:** Dr.M.Rajyalakshmi and Dr.Saisha, faculty, Department of Biotechnology were invited to conduct one day workshop on “Microworld under the Foldscope” by Government Science College, Bengaluru for the students of Undergraduate and Postgraduate



**February 20, 2019:** Smt.V.Padmapriya, faculty, Department of Computer Applications presented research paper titled “Road Side Unit assisted Emergency Vehicle Transit Approach for Urban Roads using VANET” in the Third IEEE International Conference of Electrical, Computer and Communication Technologies (IEEE ICECCT 2019) held

at S.V.S. College of Engineering, Coimbatore



**February 20, 2019:** Dr.Gurumurthy Hegde, Associate Professor & Prof.CNR Rao Chair, B.S.N. Centre for Nanomaterials and Displays was invited to deliver Guest Talk on “Research Methodology and IPR” by B.M.S College for Women

**February 20, 2019:** Dr.Gurumurthy Hegde, Associate Professor & Prof.CNR Rao Chair, B.S.N. Centre for Nanomaterials and Displays was invited to deliver Keynote Talk on “Advances in pharmaceutical Technology: Opportunities and Challenges” in the National Conference organized by School of Pharmaceutical Technology, Adamas University, Kolkata





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**February 21, 2019:** Dr.S.Raghunath, Professor, Department of Civil Engineering was invited to deliver a lecture on “Introduction to IS codes: Earthquake Design codes seismic evaluation of masonry structures” by SECAB Institute of Engineering and Technology, Bijapur

**February 21, 2019:** Department of Mechanical Engineering organized industrial visit to National Aerospace Laboratories, Bengaluru for the students of 4<sup>th</sup> semester (C Section)



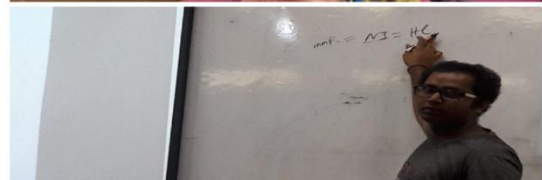
**February 21, 2019:** Dr.P.Meena, Professor & Head, Department of Electrical Engineering presented the progress of the Industry sponsored project titled “Mixed Reality based content creation for Electrical Machines” in the Annual Technical Conference at R & D Centre of Dassault Systems, Pune



**February 21, 2019:** Protocol Club of the Department of Computer Science & Engineering in association with IEEE-BMSCE Student Chapter organized a Workshop on “Hyperledger Sawtooth” from February 21-23, 2019 for the students of CS, IS and MCA



**February 22, 2019:** Department of Electrical Engineering organized hands on session on “Techniques to Inductor Design”. Resource person was Mr.Gyanendra (alumni - 2018 Batch) for the students of 6<sup>th</sup> semester Electrical Engineering and M.Tech., (Power Electronics)



**February 21, 2019:** The following faculty members & Research Scholar of the Department of Physics presented research papers in the National Conference on Physics and Chemistry of Functional Materials (PCFM 2019) held at PCFM-



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2019, School of Technology, GITAM, Hyderabad from February 21-22, 2019:

- Dr.B.L.Suresha, presented paper titled “Experimental and theoretical characterization of Ethyl 1-benzyl-2-(thiophen-3-yl)1H-benzo[d]imidazole-5-carboxylate”
- Dr.C.S.Kaliprasad, presented paper titled “Effect of NH<sub>4</sub>Cl doping on Electrical and structural Properties of Polyethylene Oxide”
- Mr.H.S.Sumantha, Research Scholar presented paper titled “Wavelength Dependent Studies on Molar Absorptivity of Metal Ions”

**February 22, 2019:** Department of Electronics Engineering in association with IEEE BMSCE SB organized extension lecture series-2 on “IOT Implementation - challenges and skills required”. The lecture was delivered by Dr.Soma Pandey, General Manager, Head IOT Devices, Reliance Jio Infocom Ltd., Bengaluru



**February 22, 2019:** Department of Computer Applications in association with IEEE – WiE Affinity group and BMSCE IEEE SB along with ED Cell organized Extension lecture series on “Transformational Trends in IT Industry”.

The lecture was delivered by Mr.P.Ravi Kumar Kalose, MP Trainer, SCRUM study certified Trainer- (SCTTM), Director - ProPM Academy



**February 22, 2019:** Department of Biotechnology organized Guest Lecture on “Opportunities Abroad”. The lecture was delivered by TIME Higher Education

**February 23, 2019:** Department of Electronics Engineering hosted an investment awareness talk on State Bank of India - Investment Programme

**February 23, 2019:** The students of 6<sup>th</sup> semester of Information Science & Engineering participated in the examination conducted by Talent Search Examination by Triumphant Institute of Management Education Pvt. Ltd. (T.I.M.E)





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**February 23, 2019:** Dr.B.Kanmani, Professor & Head, Department of Telecommunication Engineering was invited to deliver a talk on “Industry-Institute Interaction and Assessment in the OBE Framework” in the workshop on Curricular Gaps, Assessment in OBE Framework and Industry-Institute Interaction organized by B.N.M. Institute of Technology, Bengaluru



**February 23, 2019:** Department of Telecommunication Engineering conducted an Aptitude test for the students of 4<sup>th</sup> & 6<sup>th</sup> semester to test them on logical reasoning, quantitative aptitude, data interpretation & verbal communication, as part of the Time Talent Search Exam (TTSE) by TIME (Triumphant Institute of Management Education Pvt. Ltd.). The TTSE is towards identifying and providing suitable scholarship for the students interested in taking support for competitive examination from TIME



**February 23, 2019:** Sri.AbhishekAppaji, Faculty, Department of Medical Electronics was invited as a Speaker to talk on “Traits of Student Entrepreneurs” and also as Judge for a B-Plan Competition by R.V.College of Engineering, Bengaluru



**February 23, 2019:** Pentagram – The Mathematical society of BMSCE organized GRID-A-THON, a fun game with Mathematical twists designed to test strategic skills, time management and math



**February 24, 2019:** IEEE EMBS student branch received an award for the Best IEEE student Branch for the maximum student Membership and the best VTool reporting during Branch Counsellors Meeting held at R.V.College of Engineering, Bengaluru. The following faculty and students of the Department of Medical Electronics, Dr.K.Vijayalakshmi, IEEE BMSCE Student Branch Counsellor, Dr.M.S.Suma, IEEE BMSCE Student



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Branch Mentor and Sri.Abhishek Appaji, IEEE Joint Secretary and SIGHT Chair, IEEE Bangalore Section and students from the IEEE Student Branch received the said award



**February 24, 2019:** Sri.Abhishek Appaji, Faculty, Department of Medical Electronics was invited to talk on IEEE Special Interest Group in Humanitarian Technology (SIGHT) at Branch Counsellor Meet held at R.V.College of Engineering, Bengaluru organized by IEEE Bangalore Section



**February 25, 2019:** Dr.S.Jayanthi, Professor, Department of Mathematics & Dean (First Year) was invited to deliver Keynote Lecture on “Nonlinear Analysis: Theory and Applications” in the National Conference organised by Bharathiar University, Coimbatore



**February 26, 2019:** Dr.R.V.Ranganath, Professor, Department of Civil Engineering was invited to deliver a lecture in one day Workshop for Margadarshaks on “preparation of SAR for NBA” by AICTE, New Delhi

**February 26, 2019:** Department of Mechanical Engineering organized industrial visit to National Aerospace Laboratories, Bengaluru for the students of 4<sup>th</sup> semester (D Section)



**February 26, 2019:** Dr.L.Ravikumar, Professor, Department of Mechanical Engineering was invited for Mock Compliance visit by BMSIT&M, Bengaluru



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**February 26, 2019:** Dr.Chandasree Das, faculty, Department of Electrical Engineering published research paper titled “Electrical Switching and Optical Bandgap Studies on Quaternary Ag-Doped Ge-Te-In Thin Films” in the IEEE Transactions on Electron Devices

**February 26, 2019:** Sri.K.Ravishankar, faculty, Department of Physics presented the following research paper/poster in the International Symposium on Modelling of Crystal Growth Processes and Devices held at S.S.N. College of Engineering, Tamil Nadu from February 26-28, 2019:

- Paper titled “Spectral investigations (FT-IR, FT-Raman, UV-Visible, NBO, NLO, Molecular geometry, Mulliken charges, HOMO-LUMO MEP Calculations of 1 – [(2R, 4S, 5S)-4-azido-5-(hydroxyl methyl)oxolan-2-yl]-5-methylpyrimidine-2, 4-dione[1] by DFT method”
- Poster titled “X-Ray and NMR Spectral Investigation, DFT Calculations, Molecular Dynamics, Physicochemical Descriptors, ADME Parameters, Pharmacokinetic Bioactivity Report On 1-[(2R, 4S, 5S)-4-Azido-5-(Hydroxyl Methyl) Oxolan-2-Yl]-5-Methylpyrimidine-2, 4-Dione [1]” . He also received best poster award in the symposium.

**February 26, 2019:** Dr.S.Jayanthi, Professor, Department of Mathematics & Dean (First Year) in association with Departments of Physics, Chemistry and Mathematics organized National Science Day from February 26-28, 2019 to widely spread a message about the significance of scientific applications in the daily life of the people. The Theme was “Science for

the People and People for Science”. On this occasion several events were conducted. Dr.H.S.Nagaraja an eminent educationist, Founder Director of BASE and PRAYOGA, delivered a lecture on “Glimpses of the journey of Science”



**February 26, 2019:** Dr.Gurumurthy Hegde, Associate Professor & Prof.CNR Rao Chair, B.S.N. Centre for Nanomaterials and Displays has been nominated as Doctoral Committee Member and attended the meeting of the VTU Ph.D progress report evaluation

**February 27, 2019:** Department of Mechanical Engineering organized industrial visit to National Aerospace Laboratories, Bengaluru for the students of 4<sup>th</sup> semester (B Section)







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**February 27, 2019:** Dr.G.Poornima, faculty, Department of Electronics Engineering was nominated as Expert Member for evaluation of RPS projects by AICTE, New Delhi

**February 27, 2019:** Department of Industrial Engineering & Management signed MoU with Direct Subzi, a startup company. The objectives of the MoU is offering Internships at Direct Subzi



**February 27, 2019:** Department of Information Science & Engineering organized Industrial Visit to BSNL telephone exchange for the students of 6<sup>th</sup> semester



**February 27, 2019:** The Student Literary Affinity Group of the Department of Telecommunication Engineering organized a debate on “Telecommunication Technology: A boon to society”



**February 27, 2019:** Department of Biotechnology organized industrial visits to Bangalore Bioinnovation Centre (BBC) (A Govt. of Karnataka Undertaking) and Applied Biotechnology (IBAB) for the students of 6<sup>th</sup> & 8<sup>th</sup> semester of Biotechnology and M.Tech. (Civil-Environmental Engineering) students



**February 27, 2019:** Placement Activity Club of the Department of Computer Applications conducted various activities for the students of 4<sup>th</sup> semester during the month





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**February 28, 2019:** Local Inquiry Committee (LIC) of Visvesvaraya Technological University (VTU), Belagavi visited the College for annual inspection and affiliation



**February 28, 2019:** The following faculty members were invited to present the project proposal before the Evaluation Committee, AICTE, New Delhi along with their respective NDF Scholars

- Dr.R.V.Ranganath, Department of Civil Engineering
- Dr.S.Srinivas, Department of Mechanical Engineering
- Dr.P.Meena and Dr.A.Usha, Department of Electrical Engineering
- Dr.K.S.Vasundara Patel and Dr.K.P.Lakshmi, Department of Electronics Engineering
- Dr.K.J.Rathanraj, Department of Industrial Engineering & Management

**February 28, 2019:** Dr.Maya Naik, Professor, Department of Civil Engineering was invited as Expert Member for evaluation of applications for RPS projects under RPS-NER by AICTE, New Delhi

**February 28, 2019:** Sri.Madhav Murthy, faculty, Department of Mechanical Engineering published research paper titled “Effect of Volume Fraction and Resin System on Tensile, Compression

and Flexural Strength of Electrical Glass Fibre Reinforced Plastic Laminate” in the Solid State Phenomena, ISSN: 1662-9779, Vol.287, pp86-92, doi.10.4028/SSP 287.86@2019 Trans Tech Publications, Switzerland

**February 28, 2019:** Dr.K.Veerabhadrappe, faculty, Department of Mechanical Engineering published research paper titled “Study of Mechanical Properties and Drilling Behaviour of A17075 Reinforced with B4C” in the ELSEVIER Materials today: Proceedings 5 (2018) 25102-25111

**February 28, 2019:** Dr.R.Suresh Kumar, faculty, Department of Mechanical Engineering published research paper titled “Evaluation of A17075 Reinforced with SiC for its Mechanical Properties & Surface Roughness by Drilling” in the ELSEVIER Materials today: Proceedings 5, (2018) 25121-25129

**February 28, 2019:** Dr.R.Suresh Kumar, faculty, Department of Mechanical Engineering has been awarded Doctor of Philosophy (Ph.D) Degree from Jawaharlal Nehru Technological University, Hyderabad

**Title of the Thesis:** “A Study on Tribological Behavior of inconel 718-TiO<sub>2</sub> Composite Coatings”

**February 28, 2019:** Sri.Madhav Murthy, faculty, Department of Mechanical Engineering received certificate of appreciation towards reviewing research papers of IUCEE 2019 conference



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**February 28, 2019:** Sri.Shashiraj, faculty, Department of Mechanical Engineering performed Yakshagana at various places during the month



**February 28, 2019:** Mr.A.Harsha, M.Tech., student (IEM) published research paper titled “Concept Generation of Soybean Threshing Machine” under the guidance of Sri.Mayur Appaiah, faculty, Department of Industrial Engineering & Management in the International Journal of Research and Scientific Innovation (IJRSI), Vol. 6, Issue No. 2, Feb 2019.

**February 28, 2019:** Mr.Sumukha R Nadig, pre-final year student of Computer Science & Engineering has been selected as the Google Ambassador (Lead, Developer Student Club)



**February 28, 2019:** Ms.N.M.Niharika, final year student of Computer Science & Engineering is the Ambassador for You Tube’s Creators for Change campaign as the youngest recruit amongst 30 people chosen from all over the world. She is also one of the youngest top earning you tubers in the country. Her channels can be accessed at [https://www.youtube.com/channel/UCxv6RL803\\_NWvnrNmJcgm0g](https://www.youtube.com/channel/UCxv6RL803_NWvnrNmJcgm0g)



**February 28, 2019:** Department of Electronics Engineering organized a talk on “Benefits of IEEE and its Societies Membership” for Post-Graduate students. The talk was delivered by Sri.Abhishek Appaji, Faculty, Department of Medical Electronics



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**February 28, 2019:** BMSCE - Chemical Engineering Student Chapter of American Institute of Chemical Engineers hosted the session and celebrated the National Science Day by organizing various events for the school children of eighth and ninth grade of Purnapramati and Mahila Mandali



**February 28, 2019:** Dr.S.Jayanthi, Professor, Department of Mathematics & Dean (First Year) published research paper Titled “Steady Electrical MHD Mixed Convection Flow of Nanofluid under the Influence of Exponentially Decreasing free stream Velocity with the Effect of Heat Generation/Absorption” in the Journal of Nanofluids, Vol.8, pp: 1273-1280, 2019