



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

REPORT ON COLLEGE ACTIVITIES – May 2019

May 1, 2019: Smt.M.Vasantha Lakshmi, faculty and Dr.B.Kanmani, Professor & Head, Department of Telecommunication Engineering published research paper titled “PAPR of QPSK OFDM modulation schemes: a comparative study” in the IUP Journal of Electrical and Electronics Engineering, Vol. XII,No.2

May 1, 2019: Dr.M.V.Murugendrappa, Head, Department of Physics published research paper titled “Synthesis, characterization and weight percent effect on humidity sensing properties of Polypyrrole/AlCeO₃ (PPy/ACO) nanocomposites” in Journal of Fullerenes, Nanotubes and Carbon Nanostructures, Volume 27, 2019 - Issue 5 Pages 423 - 433 ISSN: 1536-383X (Print) 1536-4046 (Online) in Taylor & Francis with Impact Factor: 1.011 <https://doi.org/10.1080/1536383X.2019.1593966>

May 1, 2019: Sri.Shashiraj, faculty, Department of Mechanical Engineering performed Yakshagana and played the role of LAVA in Yakshagana prasanga-KUSHA-LAVA at Neralakatte, Kundapur Taluk, Udupi District



May 2, 2019: Mr.Shubam Srivastava, student of 6th semester of Computer Science & Engineering has been selected for

research internship under MITACS at Dalhousie University, Canada in association with AICTE implemented through MHRD Government of India, under TEQIP-III

May 2, 2019: Sri.B.Sudarshan, faculty, Department of Mechanical Engineering published research paper titled ‘Numerical Analysis of Surface Heat Flux in a Forward-Facing Cavity’ as a chapter in Sasoh A., Aoki T., Katayama M. (eds) 31st International Symposium on Shock Waves 2, ISSW 2017. Springer, Cham.

May 3, 2019: Meeting of the College Council to discuss with regard to academic activities



May 3, 2019: Mr.M.Hashik Hariharan, student of Mechanical Engineering (M.Tech. – Manufacturing Science & Engineering) presented paper titled ‘Comparative Study on Blisk and FIR tree turbine rotors’ in the National Conference on Recent Trends & Innovations in Mechanical Engineering & Technology RTIMET-2019 held at Cambridge Institute of Technology, Bengaluru from May 3-4, 2019



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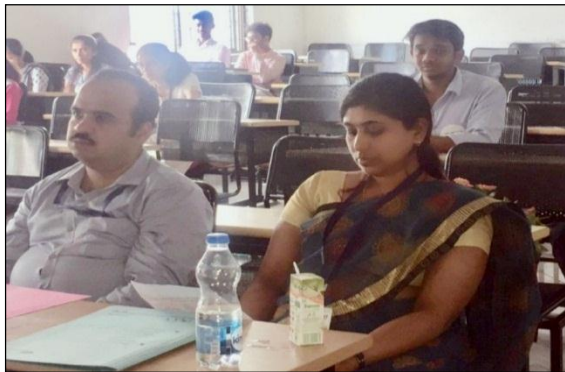
May 3, 2019: Department of Electrical & Electronics Engineering conducted Annual General Body Meeting of IEEE Sensor Council, Bangalore Chapter, 2019



May 4, 2019: BMSCE identified as Centre for NEET Examination. A meeting with regard to conduct of the same was convened



May 3, 2019: Dr.C.Gururaj, faculty Department of Telecommunication Engineering was invited to chair a Session in the National Conference on Emerging Trends in Engineering Science and Technology by RNS Institute of Technology, Bengaluru



May 4, 2019: Department of Electrical & Electronics Engineering organized a meeting with industry expert and IEEE PES Execom member Mr.Anand to discuss with regard to Relay Lab modifications



May 4, 2019: Dr.K.Guruprasad, Professor, Department of Mechanical Engineering was invited to attend NEET Meeting held at New Delhi from May 4-5, 2019

May 4, 2019: Department of Computer Applications published departmental magazine“STRIDE”. Dr.B.V.Ravishankar, Principal released the magazine. All the staff members, students and alumni participated and the event was followed with Cultural events



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May 4, 2019: Department of Management Studies organized Guest Lecture on “Capital Budgeting” for the students of 4th semester. The lecture was delivered by Dr.Kantesha Sanningammanavara, Assistant Professor, Department of MBA, Maharani’s Women’s Commerce & Management College, Mysuru

May 5, 2019: The following students of Information Science & Engineering (M.Tech.-Computer Network Engineering) under the guidance of the faculty presented paper in the 9th International Conference on Recent Engineering and Technology 2019 held at New Horizon College of Engineering, Bengaluru

- Mr.S.B.Darhan Kumar, Mr.Shivakarhika and Ms.S.Shreevidya presented paper under the guidance of Dr.R.Ashok Kumar
- Mr.K.C.Prajwal presented paper under the guidance of Dr.M.Dakshayini,
- Ms.H.Jayashri, Ms.H.M.Monisha, Ms.V.M.Nisha, Ms.N.Namratha, Ms.R.Rashmi and Ms.R.Leena presented paper under the guidance Dr.R.Ashok Kumar

- Mr.M.Mahith, Ms.C.M.Nithyashree and Ms.T.S.Vinutha presented paper under the guidance Dr.N.Sandeep Verma

May 5, 2019: Ms.Harishree J Rai, Ms.N.Akshatha and Mr.B.Shreenivas, students of Telecommunication Engineering presented paper titled “Feasibility of LPWAN and BLE hybrid networks for Asset Tracking” in the 9th International Conference on Recent Engineering and Technology (ICRET) 2019 held at New Horizon college of Engineering, Bengaluru

May 5, 2019: Dr.M.V.Murugendrappa, Head, Department of Physics published research paper titled “Structural and Dielectric Investigations of Cerium Stabilized Zirconia ($Zr_{1-x}Ce_xO_2(x=0-0.05)$) Nanocrystals Blended by Wet Chemical Method” in the UGC Approved Journal of Nanoscience and Technology, Volume 5, Issue 2, 2019 Pages 649 - 654 by JACS Directory of United States, <https://doi.org/10.30799/jnst.220.19050201>

May 5, 2019: Dr.Gurumurthy Hegde, Associate Professor & Prof.CNR Rao Chair, B.S.N. Centre for Nanomaterials and Displays was invited as External Examiner for the “Post-Doctoral interview” at Center for Nano and Soft Matter Sciences (CeNS), Government of India

May 6, 2019: Smt.K.R.Mamatha, faculty, Department of Information Science & Engineering was invited to deliver a talk on “Artificial Intelligence” by Dayananda Sagar College of Engineering, Bengaluru



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May 7, 2019: Sri.Madhav Murthy, faculty, Department of Mechanical Engineering was invited for assessing the soft skills of students studying in various degree programs by PEGASUS Institute of Training and Excellence, Doddaballapura from May 7-8, 2019

May 7, 2019: Dr.M.V.Murugendrappa, Head, Department of Physics published research paper titled “Effect of barium lanthanum manganite nano particle on the electric transport properties of polypyrrole at room temperature” in Springer published Journal of Materials Science: Materials in Electronics, with Impact Factor: 2.324 and Q2 Journal, <https://doi.org/10.1007/s10854-019-01421-x>

May 9, 2019: Dr.B.V.Ravishankar, Principal and Dr.L.Ravikumar, Professor, Department of Mechanical Engineering and Coordinator, TEQIP-III were invited to participate in the Interaction Meeting with Brazilian delegation at New Delhi

May 9, 2019: Dr.Rajeshwari Hegde, faculty, Department of Telecommunication Engineering was invited to handle a session on Meditation by B.M.S. College of Law, Bengaluru



May 10, 2019: Celebration of 128th Birth Anniversary of Bharat Ratna Dr.B.R. Ambedkar. Top students were awarded during the occasion



May 10, 2019: Sri.K.Girish and Sri.Sivaramakrishna, faculty, Department of Computer Applications participated in the “Social Start-up Santhe” hosted by Indian Institute of Management Bangalore (IIMB), NSRCEL Social Ventures Incubation Programme, in collaboration with Michael & Susan Dell Foundation





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May 11, 2019: Department of Electrical & Electronics Engineering organized meeting with representatives of all stake holders with regard to review of new curriculum



May 12, 2019: Mr.N.Punith, student of 4th Semester Civil Engineering represented India in World Para Swimming Series held at Singapore from May 12-17, 2019

May 11, 2019: Department of Computer Science & Engineering organized “Open house project Exhibition”, the projects of final year students carried out during 2018-19



May 13, 2019: MOU signed between B.M.S. College of Engineering and ECOPARADIGM, Bangalore to create a collaborative platform encompassing Government, Business, & Civil society and working together for mutual benefit culminating in providing sustainable solutions for societal change

May 11, 2019: Department of Telecommunication Engineering in association with the IEEE BMSCE SB organized 2nd National Project contest Telecombat for the Under-Graduate students of Electrical Science Cluster



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May 13, 2019: Sri.S.Selva Kumar, faculty, along with Mr.A.S.Karthik, Mr.Ajay and Mr.Akarsh, final year students of Department of Computer Science & Engineering published paper titled “Automated Attendance System using Facial Recognition” in the “National Conference on Big Data, Internet of Things, Cloud and Security NCBICS 2019”

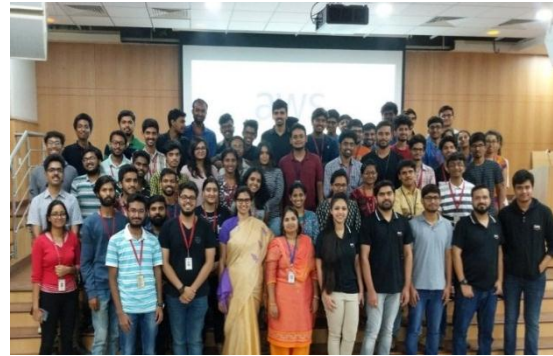
May 13, 2019: Dr.P.Jayarekha, faculty, Department of Information Science & Engineering was invited as Project Evaluator for Open day Project Based Learning (PBL) exhibition by B.M.S. Institute of Technology & Management, Bengaluru

May 13, 2019: Department of Management Studies organized industrial visit to TVS Motor Company for the students of 2nd semester



May 15, 2019: Dr.Y.S.Rammohan, faculty, Department of Mechanical Engineering was invited as Chief Guest by Don Bosco Institute of Technology, Bengaluru for the MECH SHOW 2019

May 16, 2019: Department of Information Science & Engineering organized Hands-on workshop on Cloud Computing – Amazon AWS for UG and PG students



May 17, 2019: Dr.Y.S.Rammohan, faculty, Department of Mechanical Engineering was invited to Chair the Session in the National Conference on Emerging Trends in Materials, Design and Manufacturing - NCMDM 2019 by JSS Academy of Technical Education, Bengaluru





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May 18, 2019: Dr.B.V.Ravishankar, Principal, was invited to deliver a lecture on “Ethics in Engineering Teachers” in the three day TEQIP sponsored Faculty Development Programme on ‘Outcome Based Education-NBA’ by Sir.MVIT, Bengaluru



May 18, 2019: Department of Electrical & Electronics Engineering organized one day project competition for selecting best three projects of the department judged by Industry experts under TEQIP-III



May 18, 2019: Department of Information Science & Engineering organized Project demonstration to select best project carried out by 8th semester students. The projects were evaluated by Mr.H.B.Pramod, Mr.G.Surya Narayana Swamy. Ms.Shantala Nagaraj and Mr.K.Pradeep



May 18, 2019: Dr.B.Kanmani, Professor & Head, Department of Telecommunication Engineering was invited to handle one session on ‘Assessments’ in the three day TEQIP sponsored Faculty Development Programme on ‘Outcome Based Education-NBA’ organized by Sir.MVIT, Bengaluru in association with VTU, AKU-Bihar and BJUT-Orissa



May 18, 2019: BMSCE Kho-Kho (W) Team participated in the VTU Inter Collegiate Kho-Kho Tournament – Bangalore Zone held at CIT, Gubbi and were placed Winners

May 18, 2019: BMSCE Kho-Kho (W) Team participated in the VTU Inter Collegiate Kho-Kho Tournament – Inter Zone held at CIT, Gubbi and were placed Runners Up



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May 19, 2019: Dr.B.R.Shambhavi, faculty, Department of Information Science & Engineering was invited to deliver a talk on “Best Practices in Teaching Learning Process” by Sir.M.V.I.T., Bengaluru in the three day TEQIP sponsored Faculty Development Programme on ‘Outcome Based Education-NBA’ by Sir.MVIT, Bengaluru



May 19, 2019: Dr.Gurumurthy Hegde, Associate Professor & Prof.CNR Rao Chair, B.S.N. Centre for Nanomaterials and Displays has been granted patent for an invention titled “Reversibly Photolockable Azobenzene derivatives”

May 20, 2019: Farewell for the students of 2019-20 batch. Students who achieved in academics, Extra-curricular and Co-curricular activities were awarded during the occasion



May 20, 2019: Department of Telecommunication Engineering conducted Exit survey and feedback session for the outgoing batch. The students shared their experiences and also gave valuable feedback towards overall improvement



May 20, 2019: Dr.S.Jayanthi, Professor, Department of Mathematics & Dean (First Year) and Dr.B.L.Suresha, faculty, Department of Physics attended Professional Development Training programme (POT) held at IIM, Raipur from May 20-24, 2019

May 21, 2019: Dr.L.Ravikumar, Professor, Department of Mechanical Engineering & Coordinator, TEQIP-III was invited to participate in the TEQIP-III Finance Review Meeting and workshop on Accounts, Tally & Audit Reports by P.E.S. College of Engineering, Mandya



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May 22, 2019: Dr.B.Kanmani, Professor & Head, Department of Telecommunication Engineering was invited as the sole resource person to handle the one day workshop on ‘Course Outcomes Formation’ by the Centre for Excellence in Learning and Teaching & IQAC of Karpagam College of Engineering, Coimbatore



May 23, 2019: Sri.Ram Rohit Vannarth, faculty, Department of Mechanical Engineering along with Mr.F.M.Ayub Khan, Mr.Pradyumna Bhat, Dr.K.Mallikharjuna Babu, and Dr.P.Martin Jebraj presented research paper titled ‘Study on sedimentation stability of Mahua and Simarouba oils based magnetorheological fluids’ in the International Conference on Smart and Sustainable Developments in Materials, Manufacturing and Energy Engineering SME 2019 held at N.M.A.M. Institute of Technology, Nitte from May 23-24, 2019

May 23, 2019: Dr.Gurumurthy Hegde, Associate Professor & Prof.CNR Rao Chair, B.S.N. Centre for Nanomaterials and Displays received International grant from Department of Science and Technology for the project titled “Nanocarbons-Graphene Hybrid Material

as High Performance Supercapacitor” in collaboration with Thailand and Malaysia

May 23, 2019: Department of Computer Science & Engineering signed an MoU with Tika Services Pvt. Ltd, Bengaluru to set up incubation centre in the Department



May 23, 2019: Dr.S.B.Bhanu Prashanth, Professor & Head, Department of Medical Electronics was invited for an interaction with the UGC Committee members at RIT, Bengaluru

May 23, 2019: Dr.Ch.Ram Mohan Reddy, faculty, Department of Computer Applications published research paper titled “Transformation of User Interface to Activity Models and Assessing Performance of WA/WS” in the Journal of Software Engineering and Applications, 12, 101-126, ISSN Online: 1945-3124, ISSN Print: 1945-3116, DOI: 10.4236/jsea.2019.125008. The paper was co-authored by Sri.D.Evangelin, Smt.R.Geetha, Sri.V.Raghavendra Rao and Sri.T.V.Suresh Kumar



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May 24, 2019: Prof.Sanjay Jayaram, Chairman of Aerospace Engineering, St. Louis University, Missouri, USA, visited the Department of Mechanical Engineering



May 27, 2019: Dr.H.S.Guruprasad, Professor, Department of Information Science & Engineering and Dean (Student Affairs) was invited to conduct a session on “Leadership and Team Spirit” by Mount Carmel College, Bengaluru



May 24, 2019: Department of Mechanical Engineering conducted Evaluation of 8th Semester Project work

May 24, 2019: Department of Industrial Engineering & Management organized Project Exhibition, projects carried out by 8th semester students. The projects were evaluated by Dr.H.Ramakrishna, Professor & Head, Department of IEM and Vice Principal, DSCE and Dr.S.V.Satish, Professor, Department of Mechanical Engineering, PES University

May 24, 2019: Dr.P.Jayarekha, faculty, Department of Information Science & Engineering was invited as Project Evaluator by Bangalore Institute of Technology, Bengaluru

May 27, 2019: Dr.J.Sharana Basavaraja, faculty, Department of Mechanical Engineering attended Professional Development Training Programme (PDT) at IIM, Udaipur from May 27-31, 2019

May 27, 2019: Dr.B.Kanmani, Professor & Head, Department of Telecommunication Engineering was invited for document checking and verification of the preparedness by Sir.MVIT, Bengaluru towards submission of the SAR of the Department of Telecommunication Engineering to NBA



May 27, 2019: Dr.C.S.Kaliprasad, faculty, Department of Physics published research paper titled “Assessment of natural radionuclide enrichment and radiation hazard from building materials in Kannur District, Kerala,” in the Journal of Radio analytical and Nuclear Chemistry, 2019. ISSN 0236-5731, Page No 1-7.



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<https://doi.org/10.1007/s10967-019-06519-4>
(Springer, Impact Factor: 1.2)

May 28, 2019: Dr.B.V.Ravishankar, Principal & Member, Academic Senate, VTU was invited to attend the Academic Senate Meeting at VTU, Belagavi

May 28, 2019: Department of Computer Science & Engineering in association with Department of Electronics & Communication and MJP Rohilkhand University, Bareilly organized five days Faculty Development Programme on “Data Science & Visualization” from May 28, 2019 – June 1, 2019



May 30, 2019 : Dr.L.Ravikumar, Professor, Department of Mechanical Engineering & Coordinator, TEQIP-III was invited for Ph.D Scrutiny Meeting held at VTU, Belagavi

May 30, 2019: Dr.B.Kanmani, Professor & Head, Department of Telecommunication Engineering,, Dr.M.Dakshayani, Dr.Syed Akram, faculty, Department of Computer Science & Engineering and Dr.Ashok Kumar, faculty, Department of Information Science & Engineering and Dr.Muktha, faculty, B.M.S. Law College visited National Law School and met Dr.R.Venkata Rai, Vice Chancellor. The

team also visited their Cyber Forensic Lab established by Dr.Nagarathna. The visit was arranged with the efforts of Sr.Na Vijayashankar, popularly known as Naavi, a recognized expert in cyber law and forensics



May 30, 2019: Smt.Shabnam Siddiqui and Smt.Y.K.Suneetha, faculty, Department of Chemical Engineering presented research paper titled “Heat transfer enhancement in DPHE using Zinc oxide Nano fluid” in the National Conference Smart Manufacturing and Industry 4.0 held at Central Manufacturing Technology Institute, Bengaluru from May 30-31, 2019





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May 31, 2019: Dr.B.V.Ravishankar, Principal, was invited to deliver a lecture on “Ethics in Engineering Teachers” in the Workshop on NBA and OBE by Dr.Ambedkar Institute of Technology, Bengaluru



May 31, 2019: Sri.K.Devaraj, faculty, Department of Mechanical Engineering was invited to conduct workshop on the usage of ‘LaTeX for documentation’ by Christ University, Bengaluru



May 31, 2019: Mr.S.D.Shreyas, Mr.N.Darshana and Mr.P.Prathiksha, students of 8th semester Industrial Engineering & Management published paper titled “Implementation of Six-Sigma DMAIC for Improvising the Process by Decreasing RPN Value” in the International Journal of Management, IT and Engineering (IJMRA) under the guidance of Dr.K.N.P.Prasad, faculty of the Department

May 31, 2019: Sri.B.M.Vikranth, faculty along with Mr.N.G.P.Pawan, Ms.Pooja Bahuguni, Ms.Pooja Dattatri and Ms.Shilpi Kumari, students of 8th semester of Department of Computer Science & Engineering published paper titled “The Topic is Quesgen Using NLP” in the International Journal of Latest Trends in Engineering and Technology”, Vol 13, Issue 2, pp 009-014, ISSN:2278-621X

May 31, 2019: Department of Telecommunication Engineering, organized discussions with Mr.Dilip B Kotak, IEEE SM, Treasurer, IEEE TEMS (Technology Engineering & Management Society) Global from Canada for the benefit of faculty and research scholars of the college. The discussions were towards exploring opportunities available and possible events that could be organized through the TEMS chapter of BMSCE



May 31, 2019: Dr.G.Rameshaiah, Professor, Department of Chemical Engineering and Ms.Swetha, M.Tech. student (Bio Chemical Engineering) published research paper titled “Biodegradable Fabric Development and Testing” in the World Journal of Engineering Research and Technology (WJERT), ISSN 2454-695X, Vol. 5, Issue 3, Pg 272-283



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May 31, 2019: Dr.B.Mallikarjuna, faculty, Department of Mathematics, published research paper titled “MHD Mixed convection in an inclined cavity containing adiabatic obstacle and filled with Cu-water nanofluid in the presence of the heat generation and partial slip” in the International Journal of Thermal Analysis and Calorimetry, ISSN: 1388-6150, Impact Factor: 2.209, May 2019