



**REPORT ON COLLEGE ACTIVITIES – October 2018**

**October 1, 2018:** Sri.Abhishek Appaji, Faculty, Department of Medical Electronics was invited to deliver talk on “Best Practices of IEEE Blended learning case study” by IEEE All India Students Young Professionals and WIE Congress at Vidya Vikas Institute of Engineering and Technology, Mysuru



**October 1, 2018:** Dr.Ramya Hariharan, Faculty, Department of Physics published the following research papers:

- Paper titled “Correlation between microstructure and electrical properties of A-site substituted  $YAlO_3$  ceramics” in the Journal of Materials Science & Engineering Volume 231, Page No. 66-73, September 2018
- Paper titled, “Effect of B-site doping on electrical conductivity of  $YAlO_3$  based electrolytes for solid oxide fuel cells” in the Journal of Electroceramics Volume 231, Page No. 66-73, September 2018

**October 1, 2018:** Department of Physics along with Astronomy club “Alternate Universe” organized an orientation Programme for the students of first year. Quiz was also conducted to engage the students

**October 2, 2018:** Department of Electronics & Instrumentation Engineering organized Workshop on “RC Car and Line Follower”



**October 2, 2018:** Pentagram - The Mathematical Society of BMSCE organized an event “In one go It’s a Bingo” on the occasion of IEEE Day 2018 celebration

**October 3, 2018:** Department of Mechanical Engineering organized training on the 3D Scanner in Mechanical Measurements & Metrology Lab for the students of Mechanical Engineering and Industrial Engineering and Management from October 3-10, 2018





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

**REPORT ON COLLEGE ACTIVITIES – October 2018**

**October 4, 2018:** Dr.S.Srinivas, Faculty, Department of Mechanical Engineering was invited to chair a technical session in the International Conference on Green Trends in Mechanical Engineering Sciences by Malnad College of Engineering, Hassan. He also presented research paper titled “Machining Capabilities of Abrasive Waterjet on Stainless Steel-304”

**October 4, 2018:** Department of Telecommunication Engineering organized an invited talk by Mr.Bharath Bharadwaj, founder, Rare Brains for the students of 3rd semester



**October 5, 2018:** Department of Civil Engineering organized a visit to T.K. Hally water works for the students of 5<sup>th</sup> semester

**October 5, 2018:** Dr.L.Ravikumar, Professor, Department of Mechanical Engineering was invited as Subject Expert for the Selection Committee by UPES, Dehradun

**October 5, 2018:** Sri.Abhishek Appaji, Faculty, Department of Medical Electronics was invited as chief guest for the inauguration of Adroit 2018 followed by invite talk on “Fostering Innovation among Budding Engineers” by National Institute of Engineering, Mysuru



**October 5, 2018:** Dr.S.B.Bhanu Prashanth, Professor & Head, Department of Medical Electronics was invited to Judge the Technical Paper presentation and Project exhibition events during the Inter-collegiate Technical Symposium "ACSTRONIX-2018" organized by ACS College of Engineering, Bengaluru



**October 5, 2018:** Dr.K.Vijayakumar, Faculty, Department of Computer Applications along with Mr.Shivaraju Nagesh, student published research paper on “Local support-based partition algorithm for frequent pattern mining” in SpringerLink.

**October 5, 2018:** Dr.S.John Manohar, Head and Dr.S.Manoharan, Faculty, Department of Management Studies were invited as resource persons for the one day Faculty Development Programme on “Literature Review & Thesis Writing in a Scientific Way” by Chetan Business School, Hubli

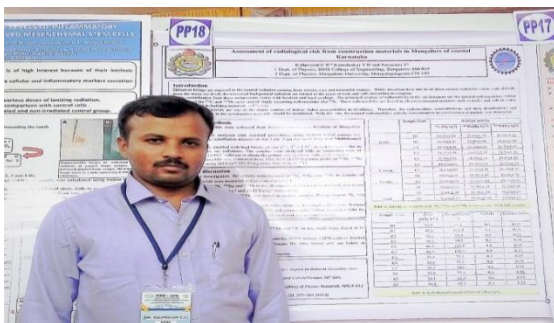




**REPORT ON COLLEGE ACTIVITIES – October 2018**



**October 5, 2018:** Dr.C.S.Kaliprasad, Faculty, Department of Physics presented research paper titled “Distribution of radionuclides and risk assessment in construction materials using in Mangalore district, India” in the International Conference on Radiation Biology - ICRB 2018 held at NITTE University, Mangalore from October 5-6, 2018



**October 6, 2018:** Dr.R.V.Ranganath, Professor, Department of Civil Engineering was nominated as Member, NBA Expert Committee to visit the Colleges for evaluation from October 6-7, 2018

**October 6, 2018:** Department of Mechanical Engineering in coordination with Mechanical Engineering Association (MEA) organized an orientation program for the students of 3<sup>rd</sup> semester. Resource person was Mr.Pramod Nataraj, Organizing Secretary, DISHA Bharat, Bengaluru



**October 6, 2018:** Department of Mechanical Engineering organized Guest Lecture on “Geometric Dimensioning & Tolerancing”. The lecture was delivered by Mr.S.N.Darshan, Design Engineer, Quest-Global, Bengaluru



**October 6, 2018:** Department of Telecommunication Engineering organized an invited talk on “Communication Skills” for the students of SWAYAM student forum. The talk was delivered by Alumni, Mr.Prasanna Bhat, Associate Software Engineer, Accenture and Mr.Rahul Krishna, Assistant System Engineer, TCS





**REPORT ON COLLEGE ACTIVITIES – October 2018**

**October 6, 2018:** Sri.Abhishek Appaji, Faculty, Department of Medical Electronics was invited as Guest of Honor for the 15<sup>th</sup> National Student Conference Kagada 2018 by University Visvesvaraya College of Engineering, Bengaluru. He also delivered a talk on “IEEE Young Professionals”



**October 6, 2018:** Department of Management Studies organized Guest Lecture on “Scope for Business Analysis”. The lecture was delivered by Smt.Prathima Mahalingappa, Business Analyst, HSBC Data Processing Pvt Ltd, Bengaluru



**October 6, 2018:** Department of Management Studies organized Guest Lecture on “Venture Capital Financing in India”. The lecture was delivered by Mr.Deepak Gupta, Founder, Quad Assure

**October 6, 2018:** Dr.N.Sujatha, Faculty, Department of Mathematics has been nominated as member of the Organizing Committee for the Pre-Republic Day

Parade Selection Camp 2018-2019. The selection camp was sponsored by National Service Scheme, Youth Empowerment & Sports Department, Government of Karnataka held at VTU, Belagavi from October 6-7, 2018

**October 7, 2018:** Dr.B.N.Shubha, Faculty, Department of Management Studies was invited as Panel Member at International Tourism summit



**October 9, 2018:** Department of Electrical Engineering in association with Cares Renewables Pvt. Ltd. and FET MJP. Rohilkhand University, Bareilly, organized Two Day Workshop on “Grid Tied Solar Plant - Design and Advances” from October 9-10, 2018 under TEQIP - III



**October 10, 2018:** Department of Industrial Engineering & Management organized industrial visit to National Aerospace Laboratories, Bengaluru for the students of 5<sup>th</sup> semester





**REPORT ON COLLEGE ACTIVITIES – October 2018**



Dr.V.Jayaramaiah, Faculty, Department of Mathematics and Humanities. Activities like Olavina Ole, Charcha Sparde, Nidhi Shodhane, Mukabinaya, Nanngu Baruthe Kannada, Antakshari, Rasa Prashne and Haggata were conducted

**October 10, 2018:** Department of Chemical Engineering organized Guest Lecture on “E-Waste perspectives and challenges” for the students of 5<sup>th</sup> semester. The lecture was delivered by Dr.R.D.Uttam, Director, M/s.Elxion Pvt., Ltd.



**October 10, 2018:** Dr.K.Vijayakumar, Faculty, Department of Computer Applications was invited to Chair a technical session in the International Conference on Computational Intelligence and Data Science by Sankara College of Science and Commerce, Coimbatore

**October 11, 2018:** Department of Civil Engineering organized Guest Lecture on “Technology Update session in Transportation” for the students of final year B.E and M.Tech (Transportation Engineering & Management). The lecture was delivered by Mr.Rohith N Gowda, Director, HOSHO Consulting Pvt. Ltd.

**October 10, 2018:** Department of Computer Applications organized industrial visit to FLUTURA Business Solutions Pvt. Ltd., Bengaluru for the students of 5<sup>th</sup> semester

**October 11, 2018:** Department of Industrial Engineering & Management organized a talk on “Six Sigma” for the students of 5<sup>th</sup> semester as part of the ongoing Industry Interaction. The talk was delivered by Mr.Natarajan and Mr.Madhavan, Shingo Institute of Japanese Management, Bengaluru



**October 11, 2018:** BMSCE Kannada Sangha “Chiranthana” organized “Prathiba Parva” under the guidance of





**REPORT ON COLLEGE ACTIVITIES – October 2018**

**October 11, 2018:** Department of Medical Electronics in association with IEEE Young Professionals Bangalore Section and IEEE EMB BMSCE Chapter organized one Day Hands-on Workshop on “Medical Device Testing”



**October 12, 2018:** Department of Industrial Engineering & Management organized industrial visit to VST Tillers and Tractors Ltd., Malur for the students of 5<sup>th</sup> semester



**October 12, 2018:** Department of Mechanical Engineering in coordination with Mechanical Engineering Association (MEA) organized Guest Lecture on “An historical perspective of the development of Aircraft” for the students of 1<sup>st</sup> semester Aerospace Engineering and 5<sup>th</sup> semester Mechanical Engineering. The lecture was delivered by Dr.M.K.Laha, Associate Professor, Aerospace Engineering, Indian Institute of Technology, Kharagpur



**October 12, 2018:** Dr.B.G.Prasad, Professor & Head and Dr.M.Indiramma, Professor, Department of Computer Science & Engineering and Dr.M.Dakshayini, Faculty, Department of Information Science & Engineering were invited as Evaluators for the Hackthon conducted by Siemens in BMSCE Campus



**October 12, 2018:** Dr.D.Seshachalam, Professor, Department of Electronics Engineering was invited to Chair a session in the International Conference on Applied Engineering Science and Management - 2018 by K.S.School of Engineering and Management, Bengaluru

**October 12, 2018:** Department of Medical Electronics organized one day hands on workshop on “ARM Cortex M3” Processors along with Advanced Electronic System (ALS) for the students of 5<sup>th</sup> semester. Resource person was Sri.Harish Mekali, Faculty, Department of Electronics Engineering





**REPORT ON COLLEGE ACTIVITIES – October 2018**



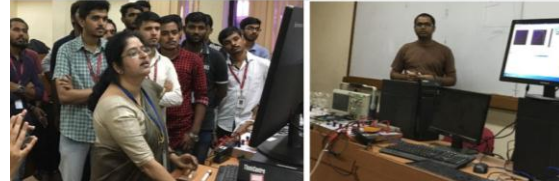
**October 12, 2018:** Sri.R.Shivakumar, Faculty, Department of Chemical Engineering was invited as resource person for conducting training program for 3 days on “Process Simulation using UniSim® Design Software” by Sri Dharmasthala Manjunatheshwara College of Engineering and Technology, Dharwad from October 12-14<sup>th</sup>, 2018



**October 12, 2018:** Department of Mathematics organized Guest Lecture on “Mathematics gives wings and AI”. The lecture was delivered by Mr.Dattatreya Prabhu Sharma, Signal-Cruncher, Germany



**October 13, 2018:** Department of Electrical Engineering organized One Day Workshop on the “The Use of Solar PV Simulator and Wavect FPGA Controller”



**October 13, 2018:** Dr.K.R.Sudhindra, Faculty, Department of Electronics Engineering was invited to deliver a technical talk on “Trends in LTE Technology” by Vivekananda Institute of Technology, Bengaluru



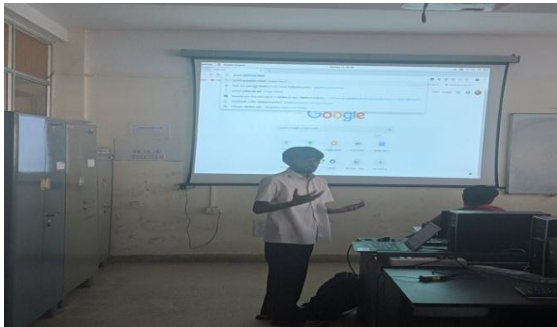
**October 13, 2018:** Department of Telecommunication Engineering organized an invited talk on “Computer Basics and Programming” for the students of 3<sup>rd</sup> semester. The talk was delivered by Mr.Ravishankar, IT Consultant





**REPORT ON COLLEGE ACTIVITIES – October 2018**

**October 13, 2018:** Department of Telecommunication Engineering organized an invited talk on “Introduction to Linux and command line interface” for the students of coding club. The talk was delivered by Mr.B.S.Anil (Alumni), Founder, Octet Electronics



**October 13, 2018:** Sri.Abhishek Appaji, Faculty, Department of Medical Electronics was invited to deliver a talk on “Leveraging IEEE for Fostering Innovation in Budding Engineers towards Entrepreneurship” by Reva University, Bengaluru



**October 13, 2018:** Department of Management Studies organized Guest Lecture on “Entrepreneurship Idea Generation”. The lecture was delivered by Mr.Prakash Choudhary, Partner, Entrepreneurship Garage

**October 14, 2018:** Department of Computer Applications organized a guest talk on “Introduction to Data Science and Applications in Engineering Sector” for

the students of 3<sup>rd</sup> semester. The talk was delivered by Mr.Anish Ravishankar, Data Scientist, Intueco Pvt Ltd, Bengaluru



**October 14, 2018:** BMSCE NSS Team organized NSS Annual Camp at Utharur, Mulbagal Taluk, Kolar District from October 14-20, 2018. Sri.Hadagali Ashoka, Faculty, Department of Biotechnology & NSS Programme Officer, Dr.N.Sujatha, Faculty, Department of Mathematics and NSS Faculty Coordinator along with 60 volunteers/students from various departments participated



**October 15, 2018:** Dr.R.V.Ranganath, Professor, Department of Civil Engineering has been nominated as member for the Co-ordination committee meeting for Washington Accord Review of NBA, New Delhi. He was invited to attend the 1st Co-ordination committee meeting





**REPORT ON COLLEGE ACTIVITIES – October 2018**

**October 15, 2018:** Dr.D.Seshachalam, Professor, Department of Electronics Engineering presented research paper titled “Formal methods and models for system design” in the 16<sup>th</sup> ACM-IEEE International Conference held at Beijing, China



**October 15, 2018:** Dr.M.V.Murugendrappa, Head, Department of Physics was invited to deliver a special talk on “Characterization techniques” by Government Science College, VTU-RRC, Chitradurga



**October 15, 2018:** Dr.M.V.Murugendrappa, Head, Department of Physics was invited as External Examiner for the Comprehensive Viva voce Examination by Government Science College, VTU-RRC, Chitradurga

**October 16, 2018:** Department of Management Studies organized Guest Lecture on “Product Advertising unique

Perspectives”. The lecture was delivered by Mr.K.V.Satish, AVP, Phoenix Group

**October 17, 2018:** Mr.Akshay K Ashok and Mr.Mutukuru Pavan students of 5<sup>th</sup> semester MCA developed a mobile app “ECO LIB” under the guidance of Smt.V.Padmapriya, Faculty, Department of Computer Applications. Principal launched the mobile app and the said mobile app has digitized the MCA library process



**October 22, 2018:** Smt.N.Prathibha, Faculty, Department of Biotechnology was invited to deliver invited talk on “Basics and types of Chromatography” by Dera Natung Government College (DNGC), Itanagar



**October 23, 2018:** Smt.N.Prathibha, Faculty, Department of Biotechnology in association with the North-East state twinning partner, Prof.P.M.Singh, Associate Professor, Department of Chemistry, Dera Natung Government



**REPORT ON COLLEGE ACTIVITIES – October 2018**

College (DNGC), Itanagar conducted series of workshops on “Assembly and Use of Foldscope” as part of Project sanctioned under DBT-Foldscope, Government of India at Ganga Government School, Green Mount School and DNGC, Itanagar from October 23-24, 2018

**October 23, 2018:** Department of Computer Applications organized guest talk on “L2L:Love To Learn” for the students of 1<sup>st</sup> semester. The lecture was delivered by the Principal, Dr.B.V.Ravishankar



**October 23, 2018:** Department of Computer Applications organized Orientation Program for the students of 1<sup>st</sup> semester. As part of the program, a talk on “Outcome Based Education” was arranged and the talk was delivered by Dr.B.Kanmani, Professor, Department of Telecommunication Engineering & Dean (Academic)



**October 23, 2018:** Department of Chemistry in association with The National Academy of Sciences-India organized a talk on “Biotechnology for Gold-Relevance to Karnataka”. The talk was delivered by Prof.K.A.Natarjan, Department of Materials Engineering, IISc, Bengaluru



**October 24, 2018:** Dr.R.V.Ranganath, Professor, Department of Civil Engineering was invited for Orientation Workshop on Outcome Based Education and Accreditation organized by National Board of Accreditation, New Delhi for Program Evaluators

**October 24, 2018:** Sri.Hadagali Ashoka, Faculty, Department of Biotechnology & NSS Programme Officer was invited to deliver a content on “Public Financial Management System - PFMS” in the state level workshop conducted by NSS Cell, Directorate of Technical Education, Bengaluru

**October 25, 2018:** Dr.Ravishankar Deekshit, Dr.P.Meena and Dr.R.S.Geetha, Faculty, Department of Electrical Engineering were invited to review and support the preparation for NBA by FET MJP, Rohilkhand University, Bareilly from October 25-26, 2018





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

**REPORT ON COLLEGE ACTIVITIES – October 2018**



**October 26, 2018:** Sri.Shashiraj, Faculty, Department of Mechanical Engineering performed Yakshagana at various places in Bengaluru during the month



**October 25, 2018:** Department of Electronics Engineering organized industrial visit to Nokia



**October 26, 2018:** Sri.Hadagali Ashoka, Faculty, Department of Biotechnology & NSS Programme Officer has been nominated as Organizing Committee Member for the “Pre Republic Day Parade Selection Training Programme - South Zone - 2018” held at VTU Regional Campus, Muddenahalli, Chikkaballapura District from October 26 – November 4, 2018, jointly organized by VTU, Belagavi and Regional Directorate-NSS, Bengaluru, Government of India. He also lead as Contingent Leader for the Karnataka Team



**October 25, 2018:** Dr.B.N.Shubha, Faculty, Department of Management Studies was invited to deliver lecture on “Entrepreneurship” by Bangalore Institute of Technology, Bengaluru

**October 26, 2018:** The ED Cell of the Department of Computer Applications in association with Alumni Association organized a talk on “Finding your Passion”. The talk was delivered by alumnus, Mr.J.Sandesh (2014-2017 batch), Co-Founder, TNI Digital LLP, Bengaluru





**REPORT ON COLLEGE ACTIVITIES – October 2018**

**October 26, 2018:** Dr.D.N.Sujatha, Professor & Head, Department of Computer Applications in association with ANZ Wealth, ANZ Operations & Technology, participated in the Conference “Bridging the Industry-Academia Gap” held at Amrita College



**October 29, 2018:** 71<sup>st</sup> meeting of the Board of Governors was convened. The Board deliberated on Administrative & Academic matters



**October 26, 2018:** Department of Chemistry organized Ph.D viva voce examination in respect of Mrs.S.Malini, Research Scholar under the guidance of Dr.Kalyan Raj, Faculty of the Department

**Thesis title:** “Physico Chemical studies of medicinal compounds by electro-analytical techniques”

**October 29, 2018:** 4<sup>th</sup> meeting of the Sub Committee of BOG for TEQIP was convened. The Sub Committee deliberated on the progress of TEQIP III

**October 27, 2018:** Department of Civil Engineering organized Guest Lecture on “Environmental Economics and Applications for the students of 1<sup>st</sup> & 3<sup>rd</sup> semester of M.Tech (Environmental Engineering). The lecture was delivered by Dr.D.R.Ravi, Officer, KSPCB, Bengaluru



**October 27, 2018:** Sri.H.R.Sridhar, Faculty, Department of Management Studies was invited as resource person to conduct a workshop on “Becoming the best version of YOU” by K.S.School of Engineering & Management, Bengaluru

**October 29, 2018:** Department of Mechanical Engineering organized three days train the trainers programme on “Hydraulics and Pneumatics” from October 29-31, 2018. The programme was conducted by Rexroth India Ltd





**REPORT ON COLLEGE ACTIVITIES – October 2018**



**October 29, 2018:** Sri.B.Sudarshan, Faculty, Department of Mechanical Engineering was invited to chair Session-7 of “Aerospace Research Students Symposium-2018 (AERES 2018)” organized by the Department of Aerospace Engineering, Indian Institute of Science from October 10-12, 2018. He also presented research paper titled “Heat Flux variation by a forward cavity in a hypersonic flow”. He received First prize for the best presentation

**October 29, 2018:** Department of Telecommunication Engineering convened a meeting with industry experts from Samsung to discuss a collaboration opportunity with Samsung Research Institute



**October 29, 2018:** Department of Chemistry organized Ph.D viva voce examination in respect of Mr.M.Shivakumar, Research Scholar

under the guidance of Dr.M.S.Dharmaprakash, Professor of the Department

**Thesis title:** “Green Synthesis of metal nanoparticles (Ag, Au, Pd & Pt) Using Pre-hydrolysis liquor (PHL) and their electrochemical and biological applications”

**October 31, 2018:** 16<sup>th</sup> meeting of the Academic Council was convened. The Council deliberated on Academic Autonomous



**October 31, 2018:** Dr.Shivashankar R. Srivatsa, Faculty, Department of Mechanical Engineering along with student, Mr.Vijaya Kumar Badadani and Mr.T.S.Sriranga published research paper titled “Analysis of Uncertainty in Digital Image Correlation Technique for Strain Measurement” in the Elsevier-Materials Today, Vol. 5, Issue 10, Part-1, 2018, pp. 20912 – 20919

**October 31, 2018:** Dr.Shivashankar R. Srivatsa, Faculty, Department of Mechanical Engineering along with student, Mr.Vinod Laxman Hattalli, published research paper titled “Wing Morphing to Improve Control Performance of an Aircraft - An Overview and a Case Study, in the Elsevier-Materials Today, Vol. 5, Issue 10, Part-1, 2018, pp. 21442 – 21451



**REPORT ON COLLEGE ACTIVITIES – October 2018**

**October 31, 2018:** Department of Industrial Engineering & Management organized Ph.D Colloquium in respect of Mr.P.V.Sreenivasula Reddy, Research Scholar

Research Title: “Modelling and Analysis of Micro-Structure and Surface Integrity Studies in Wire Discharge Machining with Electrical Parameters”



**October 31, 2018:** Dr.M.Rajyalakshmi, Faculty, Department of Biotechnology published a paper titled “Proteomic analysis of the human anterior pituitary gland” in J of Interactive Biology

**October 31, 2018:** Placement Club of Department of Computer Applications organized various activities relating to placements during the month



**October 31, 2018:** Dr.A.Satya Nandini, Professor, Department of Management

Studies was invited to deliver lecture on “Think into the box” by SJBIT, Bengaluru

**October 31, 2018:** Dr.B.Mallikarjuna, Faculty, Department of Mathematics, published the following research papers:

- Paper titled “Slip Effects on MHD Convective Two-Phase Particulate Suspension Flow in a Convergent Channel” in the International Journal of Engineering & Technology, 7(4,10), pp: 661-665, ISSN: 2227-524X, October 2018 (Scopus and UGC approved Journal)
- Paper titled “Effects of Variable Fluid Properties on MHD Non-Darcy Convective Flow from Vertical Plate with Heat Generation and Chemical Reaction” in the Defect and Diffusion Forum, Vol.388, pp: 190-203, ISSN: 1662-9507, October 2018 (online) (Scopus and UGC approved Journal)
- Paper titled: Slip Effects on MHD Convective Two-Phase Particulate Suspension Flow in a Divergent Channel” in the Defect and Diffusion Forum, Vol.388, pp: 303-316, ISSN: 1662-9507, October 2018 (online) (Scopus and UGC approved Journal)