

Autonomous Institute, Affiliated to VTU

### **REPORT ON COLLEGE ACTIVITIES – JANUARY 2020**

January 1, 2020: Department of Computer Science & Engineering, conducted two value added courses on "C Programming" and "Python" for students from January 1-28, 2020. Students of various branches participated



**January 1, 2020:** Departments of Information Science & Engineering and Computer Science & Engineering organized a training program for first year students with learning programming from January 1-31, 2020



January 1, 2020: Smt.M.Vasantha Lakshmi and Dr.B..Kanmani, Faculty, Department of Electronics & Telecommunication Engineering published research paper titled "Lossy Sorce Coding method for PAPR reduction in BPSK OFDM" in the International Journal of New Innovations in Engineering and Technology - impact factor 4.012

**January 1, 2020:** Principal addressing Final year Student Project on Electrical Bike prototype



**January 2, 2020:** Dr.P.Dayananda Pai, Chairman, BOG addressing all Deans & HODs on the occasion of New Year



January 3, 2020: Dr.Gurumurthy Hegde, Associate Professor & Prof.CNR Rao Chair, B.S.N. Centre for Nano-materials and Displays was invited to deliver Guest talk on "Research Methodology" by Mount Carmel College, Bengaluru



**January 4, 2020:** Department of Electrical & Electronics Engineering organized Alumni Meet SAMMILANA-2020 - Alumni Summit for Strategic Action Plans, Mentoring Mobilising Industry



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### **REPORT ON COLLEGE ACTIVITIES – JANUARY 2020**

Collaborations Leveraging Alumni Expertise and Nurturing Skills in Advanced Technologies



**January 4, 2020:** Dr.D.N.Sujatha, Professor, Department of Computer Applications received WiE Outstanding Volunteer Award for the Year 2019 by IEEE Bangalore Section during IEEE AGM at Bengaluru



January 4, 2020: Dr.Gurumurthy Hegde, Associate Professor & Prof.CNR Rao Chair, B.S.N. Centre for Nano-materials and Displays conducted Open Seminar for his research student Ms.S.Supriya on "A study on conjugation of porphyrins with carbon nanomaterials and their application as Catalyst"



**January 5, 2020:** Sri.Abhishek Appaji, Faculty, Department of Medical Electronics received outstanding volunteer award from IEEE Bangalore section during IEEE AGM at Bengaluru



January 5, 2020: Dr.Vijayalakshmi, Professor & Head, Department of Medical Electronics & IEEE student Branch Counsellor and Ms.C.Harshita, Student Chair receiving Outstanding large student branch award from IEEE Bangalore section during IEEE AGM at Bengaluru



January 5, 2020: Dr.S.B.Bhanu Prashanth, Professor, Department of Medical Electronics & Chairman, IEEE – Sensors Council, Bangalore Section addressed members with the activity report and plans for 2020 during the AGM at Bengaluru



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### **REPORT ON COLLEGE ACTIVITIES – JANUARY 2020**



January 7, 2020: Dr.B.Kanmani, Professor & Head, Department of Electronics & Telecommunication Engineering was invited to handle two forenoon sessions: 'Understanding the NBA SAR', and 'Assessments and Continous Improvement', during the one week VTU VTY TEQIP 1.3 worshop on 'Outcome Based Education and NBA Accreditation', organized by the IQAC of CMR Institute of Tecnology, Bengaluru



January 8, 2020: Mr.Aviram Sharma, Trustee BMSET inaugurated Connect & Communication application which facilitates SMS based information technology to the students, parents and faculty



**January 9, 2020:** Department of Civil Engineering conducted an Extensive Survey Camp at Ghatti Subramanya for the students of 5<sup>th</sup> semester from January 9-17, 2020. During the camp, the students conducted The Swatch Bharat Abhiyaan



**January 10, 2020:** Dr.B.V.Ravishankar, Principal, has been nominated as Member, Executive Council of VTU by the Hon'ble Governor of Karnataka. He attended the meeting of the Executive Council held at VTU, Belagavi

January 10, 2020: Sri.Abhishek Appaji, Faculty, Department of Medical Electronics received outstanding services award during COMSNETS 2020 at Chancery Pavilion Hotel, Bengaluru

January 10, 2020: Dr.M.V.Murugendrappa, Head, Department of Physics was appointed as external examiner for Pre-Ph.D Comprehensive viva-voce examination of research scholar Mrs.K.Ranjitha by Sambram Institute of Technology, Bengaluru





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January 13, 2020: Sri.Madhav Murthy, Faculty & few students of the Department of Mechanical Engineering participated and presented the following papers in the International Conference on Future of Work, Workforce, and workplace held at Welingkar Institute of Management Studies, Mumbai from January 13-14, 2020

- A comparative study on Over the Tops Services v/s Direct to Home Services
- A preliminary study on Indian Automobile Economy slowdown during the year- 2019
- A study on existing engineering education model in the state of Karnataka
- A review of Skills required for engineers to meet new age challenges
- Importance of Management and personality development Courses in Engineering Education
- A Consumer Perception On Luxury Brands In Clothing And Footwear Sector In India
- Online Delivery v/s Dine In: A Survey
- A survey-based study on Awareness and Usage of Information and Communication Technologies by Engineering Graduates in Bengaluru
- A Review on Challenges faced by Artificial Intelligence-based Start-ups in India



January 13, 2020: BMSCE NSS unit in association with NSS Cell, Visvesvaraya Technological University, Belagavi and Development of Youth Empowerment & Sports State NSS Cell, Government of Karnataka Bengaluru, jointly organized State Republic Day Parade Camp – 2020



January 13, 2020: Department of Sports organized sports for staff from January 13-17, 2020. Department of Electrical & Electronics Engineering team won the Inter-Departmental Staff Tennis Ball Cricket (M) Tournament and Department of Civil Engineering team were Runners



January 16, 2020: Dr.Y.S.Rammohan, Faculty, Department of Mechanical Engineering was invited to conduct an Academic audit by J.S.S. Academy of Technical Education, Bengaluru





### **REPORT ON COLLEGE ACTIVITIES – JANUARY 2020**

**January 16, 2020:** Department of Industrial Engineering & Management organized placement activity with the help of alumni for the company Jumbotail. Out of 17 students, 2 students were selected

**January 16, 2020:** NSS unit of BMSCE organised Ek Bharat Shreshtha Bharat



January 17, 2020: Dr. V. Bharathi, Faculty, Department of Mechanical Engineering was invited to Chair in the Second International Conference on Advanced Materials & Technology (ICMAT-20) Jayachamarajendra by Sri organized College of Engineering, Mysuru. She also delivered an Invited talk on "Mathematical modeling for the sliding Characteristics of Glass-Epoxy Composites used for Coal Handling Parts in Thermal Power Plants"

January 17, 2020: Dr.R.Shivashankar R. Srivatsa, Faculty, Department of Mechanical Engineering was invited to Judge Paper presentations in the International Conference on Advances in Materials, Ceramics and Engineering Sciences -2020 by Dayananda Sagar College of Engineering, Bengaluru



January 17, 2020: Dr.M.Dakshayini, Professor & Head Department of Information Science Engineering was invited as external examiner for Pre-Ph.D. Comprehensive viva-voce examination of research scholar Ms.Harini by BNMIT, Bengaluru



January 17, 2020: Dr.B.L.Suresha and Dr.Ramya Hariharan, Faculty, Department of Physics and Mrs.Sutar Rani Ananda, Mr.H.S.Sumantha, Mrs.M.G.Smitha. Mrs.N.Navya, Mrs.A.V.Ambika and Ms.R.Shwetha, Research Scholars participated in the International Conference on "Advances in Materials, Ceramics & Engineering Sciences" (AMCES- 2020) organized by Dayananda Sagar College of Engineering, Bengaluru from January 17-18, 2020. They presented Posters in the Conference and Poster presented by Mrs.Sutar Rani Ananda was awarded as Best Poster in the Conference



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### **REPORT ON COLLEGE ACTIVITIES – JANUARY 2020**



**January 17, 2020:** BMSCE NSS unit in association with Bengaluru Traffic Police organized 31<sup>st</sup> Road Safety Awareness drive



**January 18, 2020:** Department of Medical Electronics organized Industrial Visit to ITIE Knowledge solutions, Bengaluru



January 18, 2020: Mr.Vinay S Bhat student of Dr.Gurumurthy Hegde, Associate Professor & Prof.CNR Rao Chair, B.S.N. Centre for Nano-materials and Displays received best presentation award in the International Conference on Advances in Materials Ceramics & Engineering Sciences (AMCES 2020) held

at Dayananda Sagar of Engineering, Bengaluru



January 19, 2020: Dr.M.V.Murugendrappa, Head, Department of Physics published research paper titled "Conduction and relaxation mechanisms in gadolinium oxide nanoparticle doped polyvinyl alcohol films" in Materials today communications: Elsevier Publication, Volume 23, 100942 <a href="https://doi.org/10.1016/j.mtcomm.2020.10">https://doi.org/10.1016/j.mtcomm.2020.10</a> 0942 ISSN: 2352-4928 with Impact Factor = 1.859

January 19, 2020: NSS unit of BMSCE organised "SAY NO TO PLASTICS" awareness drive by distributing the paper bags made by NSS Volunteers at Gandhi Bazar premises as a part of Pakhwada Swachhata Pakhwada-2020





### **REPORT ON COLLEGE ACTIVITIES – JANUARY 2020**

January 20, 2020: Sri.B.Sudarshan, Faculty, Department of Mechanical Engineering defended hi Ph.D. thesis under the guidance of Dr.S.Saravanan at Indian Institute of Science, Bengaluru

**Title of the thesis:** Experimental investigation on aerothermal effects of forward-facing cavity accounting geometry aspects and combination techniques in hypersonic flow conditions



January 20, 2020: Department of Electrical & Electronics Engineering organized Four Days Hands on Training on Linear Integrated Circuits Lab for Technical Staff from January 20-23, 2020



January 20, 2020: Dr.M.Indiramma and Dr.Jyothi S Nayak, Faculty, Department of Computer Science & Engineering, were invited as resource persons for a five-day Faculty Development Program on "AI Applications in Electric Power Systems and Locomotives" by B.N.M Institute of Technology, Bengaluru from January 20-24, 2020



**January 20, 2020:** BMSCE staff represented in the International Staff Tournament-2020 held at PESIT University, Bengaluru



20, 2020: Smt.M.Vasantha January Lakshmi, Faculty, Department Telecommunication Electronics & presented Pre-Ph.D Engineering Colloquium titled "Simulation study of PAPR reduction in OFDM schemes" as a part of her research work under the guidance of Dr.B.Kanmani

January 20, 2020: Department of Information Science & Engineering organized One week Hands-on Faculty Development Programme on "Machine Learning and Deep Learning with Python" from January 20-24, 2020. Resource person was Mr.Vivek Singhal, Data Scientist Cell Strat



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### **REPORT ON COLLEGE ACTIVITIES – JANUARY 2020**



January 20, 2020: Dr.C.Sampath, Faculty, Department of Chemistry published research paper titled "Y<sub>2</sub>O<sub>3</sub>/HAp, a sustainable catalyst for novel synthesis of furo[3,4-b] chromenes derivatives via green strategy" in the Journal of Inorganic Chemistry Communications Elsevier B.V, 2020

**January 20, 2020:** Hon'ble Prime Minister of India, Shri Narendra Modi's Interactive Session with Students in connection with Pariksha Pe Charcha 2020 (PPC 2020) was arranged



January 21, 2020: Departments of Computer Science & Engineering and Electronics and Communication Engineering jointly conducted one Week Faculty Development Programme on "Recent Trends in Deep Learning and its Applications" from January 21-25, 2020



January 21, 2020: Department of Computer Science & Engineering coordinated with HP organization in conducting CTY (Catch Them Young) test for 3<sup>rd</sup> year CSE students. Nineteen students took the test out of which sixteen students were selected for CTY programme



**January 21, 2020:** Dr.Sphoorti Patil, AITM Director along with Dr.Vinayaka visited B.S.N. Centre for Nano-materials and Displays to discuss collaboration





# Autonomous Institute, Affiliated to VTU REPORT ON COLLEGE ACTIVITIES – JANUARY 2020

**January 22, 2020:** Dr.B.V.Ravishankar, Principal, was invited to deliver a lecture on NBA and OBE process by Dayananda Sagar College of Engineering, Bengaluru



January 22, 2020: Department of Mechanical Engineering organized Two Day Workshop on "Competency Development" from January 22-23, 2020. Mr.Dwarakanath, Facilitator, Human Development was the program Director of the event



**January 22, 2020:** Department of Computer Science & Engineering conducted Value added course on "Programming with C++" for the students of 4<sup>th</sup> semester from January 22-24, 2020

January 22, 2019: Department of Computer Science & Engineering in association with MJPRU Bareilly conducted Four Days Workshop on "Data Analytics using R and Python" at MJPRU Bareilly from January 22-25, 2020 under TEQIP-III



January 22, 2020: Dr.K.Vijaya Kumar, Head, Department of Computer Applications was invited as resource person for the Faculty Development Programme on "Machine Learning and its Applications" from January 22-27, 2020 by BGSIT, Nagamangala Taluk



**January 22, 2020:** Inauguration of New CNC Machine in the Department of Mechanical by the Donor Trustee Dr.B.S.Ragini Narayan and the Chairman Dr.P.Dayananda Pai





### **REPORT ON COLLEGE ACTIVITIES – JANUARY 2020**

January 22, 2020: Felicitation to Dr.B.V.Ravishankar, Principal on being nominated as Member, Executive Council of VTU by the Hon'ble Governor of Karnataka. Department of Civil Engineering also felicitated Dr.B.V.Ravishankar, Principal



**January 23, 2020:** Department of Mechanical Engineering conducted Skill enhancement Training on CNC Programming and Machining for Technical staff from January 23-28, 2020



**January 23, 2020:** Department of Mechanical Engineering participated in IMTEX-2020 exhibition held at BIEC, Bengaluru from January 23-28, 2020



January 23, 2020: Department of Electrical & Electronics Engineering along with Higher Truth Consulting organized Two Day Workshop On "High Impact Presentation Skills program" for students from January 23-24, 2020. This was sponsored by 1986 Batch - EEE Alumni



2020: Dr.S.B.Bhanu January 23, Prashanth, Professor, Department Medical Electronics was invited inaugurate the Student Chapter of the IEEE-Sensors Council, Bangalore Section, by Amrita School of Engineering, Bengaluru. He also delivered a keynote address on "Wireless Body Area Networks" during the event



### **REPORT ON COLLEGE ACTIVITIES – JANUARY 2020**



**January 23, 2020**: Dr.C.Sampath, Faculty, Department of Chemistry published research paper titled "In silico molecular docking and in vitro antioxidant activity studies of novel α-Aminophosphonates bearing 6-amino-1,3-dimethyl uracil" in the Journal Receptors and Signal Transduction, 2020

**January 24, 2020:** Department of Mechanical Engineering organized Two-Day Faculty Development Programme on "Thrust Areas and Research Approaches in Mechanical Sciences" from January 24-25, 2020



January 24, 2020: Dr.V.Umadevi, Head, Department of Computer Science & Engineering delivered technical talk on "Deep Learning for Beginners" in the one week Faculty Development Programme on "Machine Learning and its Applications" by B.G.S.Institute of Technology, Adichunchangiri, from January 22-27, 2020



Dr.B.Kanmani, January 24, 2020: Professor, Department of Electronics & Telecommunication Engineering invited to handle the sessions: 'Defining Course Outcomes and its Mapping to PO, and correspondign Assessments' during the one week two day worshop on 'Outcome Based Education and its effective implementation under Autonomy' organized Vidyavardhaka College of Engineering, Mysuru



**January** 24, 2020: Smt.P.Gomathi, Faculty, Department of Mathematics completed her Ph.D Viva Voce examination under the guidance Dr.R.Murali, Professor, Dr.AIT, Bengaluru

**Title of the Thesis:** "Some contributions to the theory of Hamiltonian Laceable Graphs and Application to Computer Networks"

**January 25, 2020:** Department of Industrial Engineering & Management in association with Quality Circle Forum of India, Bangalore Chapter organized 3<sup>rd</sup>



# REPORT ON COLLEGE ACTIVITIES – JANUARY 2020

Conclave on Poka yoke / Jidoka / SMED and Karakuri



**January 26, 2020:** Republic Day Celebration



January 26, 2020: March-past Training for the Republic Day was conducted at BMSCE. State NSS Contingent received Second Prize for March-past conducted at Field Manekshaw Parade Ground, Bengaluru



**January 27, 2020:** Department of Civil Engineering conducted orientation program for the students of 4<sup>th</sup> semester



January 27, 2020: Department of Mechanical Engineering in association with ISTE BMSCE Chapter organized One Week Faculty Development Programme on "Outcome Based Education and Accreditation" from January 27-31, 2020. Few faculty members of the Institution delivered lectures



January 27, 2020: Induction Program – Phase II was organized for the First Year Under-Graduate students (batch 2019-2020\_ Theme: Student Empowerment through Professional Accomplishment





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### **REPORT ON COLLEGE ACTIVITIES – JANUARY 2020**

**January 28, 2020**: Department of Mechanical Engineering conducted orientation programme for the students of 4<sup>th</sup> semester



January 28, 2020: Sri.H.M.Shivaprasad, Faculty, Department of Mechanical Engineering was invited as expert for a panel discussion on "How to Handle Fear in Facing Examination" by DD Chandana

January 28, 2020: Dr.Y.S.Rammohan, Faculty, Department of Mechanical Engineering was invited to deliver a "Modelling Technical talk on Functionally Graded Materials" in the Faculty Development Program on Synthesis, Characterization and Application of Advanced Materials by PES College of Engineering, Mandya



**January 28, 2020:** Department of Electrical & Electronics Engineering conducted orientation program for the students of 4<sup>th</sup> semester which involved by Technical Talk on "5G - An introduction by Mr.V.Neelakantan, Principal Consultant, Infosys and "Essentials for

Machine Learning" by Mr.Karthik Krishnan, Consultant, Business Intelligence Adobe India

**January 28, 2020:** Department of Industrial Engineering & Management conducted orientation program for the students of 4<sup>th</sup> semester



**January 28, 2020:** Department of Medical Electronics conducted orientation program for the students of 4<sup>th</sup> semester on "Introduction to Labview Programming" "Scopes and Goals ahead", and "Research Scopes"



**January 28, 2020:** Department of Computer Science & Engineering conducted orientation programme for the students of 4<sup>th</sup> semester





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### **REPORT ON COLLEGE ACTIVITIES – JANUARY 2020**

**January 29, 2020:** Department of Civil Engineering organized two week workshop on Skill Enhancement "using ETABS software Applications in civil Engineering along with CADD centre from 29<sup>th</sup> January to 13<sup>th</sup> February, 2020



January 2020: Dr.J.Sharana Basavaraja, and Dr.G.Saravanakumar, Department Mechanical Faculty, of Engineering visited the TEQIP mentee Institute, FET MJP Rohilkhand University, Bareilly, Uttar Pradesh to handle the courses in subject domain as well as Career Planning. They also participated in the International Conference ICAREMET-2020 under TEOIP-III from January 29-February 2, 2020

January 29, 2020: Dr.L.Ravi Kumar, Professor, Department of Mechanical Engineering was invited to review/initiate/guide academic activities by the Mentee Institute, FET MJP Rohilkhand University, Bareilly, Uttar Pradesh. He also participated in the International Conference ICAREMET-2020 under TEQIP-III from January 29-February 2, 2020



January 29, 2020: Department of Electrical & Electronics Engineering organized Refresher Course on Fundamentals of HDL from January 29-31, 2020



29, 2020: Dr.B.Kanmani, January Professor, Department of Electronics & Telecommunication Engineering invited to handle two sessions titled 'Formulating Student Learning Outcomes and CO-PO Mapping', & 'Enhancing Competencies through Labs and Projects Continuous **Improvement** Attainments' during the One week Faculty Development Program on "Outcome Based Education & Accreditation" organized by the Mechanical Engineering department Sponsored by the ISTE-BMSCE and Chapter



January 30, 2020: Sri.N.V.Sreekanth, Faculty, Department of Mechanical Engineering attended Consultative Workshop for Incubators on "Ideas for New India" in New Delhi organized by Ministry



## REPORT ON COLLEGE ACTIVITIES – JANUARY 2020

of Small and Medium Enterprises on behalf of the institution

January 30, 2020: Dr.B.R.Shambhavi, Faculty, Department of Information Science & Engineering was invited as a resource person for the TEQIP 1.3 sponsored 5 days FDP on "Outcome based education and NBA accreditation" by DBIT, Bengaluru



30, January 2020: Dr.B.Kanmani, Professor, Department of Electronics & Telecommunication Engineering invited to handle a session titled 'Defining Course Outcomes and its Mapping to PO, and correspondign Assessments' during the VTU TEQIP 1.3 Sponsored One week Development Faculty **Program** "Outcome Based Education & NBA Accreditation", orgnized by New Horizon College of Engineering, Bengaluru



**January 30, 2020:** Sri.Abhishek Appaji, Faculty, Department of Medical Electronics defended his thesis titled "Retinal Vascular Features as a Biomarker for Psychiatric

Disorders" at Maastricht University, the Netherlands and received his Doctorate Degree



January 30, 2020: Department of Physics organized Pre Ph.D Comprehensive Viva-Voce of Research scholar Mrs.G.Dhanya. on "Variability of Atmospheric trace gases over Southern Tropical Megacity" under Dr.T.S.Pranesha. guidance of Dr.Kamsali Nagaraja, Professor, of Physics, Deptartment Bangalore University was the external examiner and Dr. Udaya Simha, Faculty, Department. of Civil Engineering was the internal examiner

January 30, 2020: Department of Management Studies organized an introductory talk on "Retire Rich & Wealthy - By learning simple stock trading strategies". The talk was delivered by Mr.B.G.Jithendra, Chartered Accountant, Pro trader & Trainer, Trade to Transform Pyt Ltd





### **REPORT ON COLLEGE ACTIVITIES – JANUARY 2020**

Dr.Priya January 31, 2020: and Dr.M.C.Sampath Kumar, faculty Department of Civil Engineering published "Anaerobic research paper titled degradation of Raw coconut waste for production" biogas published International Journal of Engineering, ISSN 2249-8958 Volume 9 Issue 2, December 2019 Page No. 3130-3131

**January 31, 2020:** Dr.Sakey Shamu, Professor, Department of Civil Engineering co-authored book titled "Design of Steel Structures" by LSM

**January 31, 2020:** Department of Mechanical Engineering in association with Mechanical Engineering Association organization Two-day hands-on workshop on "Introduction to Advanced Machining Processes" from January 31 – February 1, 2020



January 31, 2020: Sri.Ramesh Chalkapure, Faculty and Mr.S.N/Akshay, Mr.Mullangi Kalyan, Mr.S.Sreeharsha & Mr. Yadala Sandeep Kumar students of Department of Mechanical Engineering published research paper "Experimental Investigation of Fluidic Thrust Vectoring by Shock Vector Control of an Ideal Contour Nozzle" in the International Journal of Technical Research Science, **ISSN** No.2454-2024 (online)https://doi.org/10.30780/IJTRS.V0 5.I1.004, IJTRS-V4-I12-018

31, 2020: Dr.J.Sharana January Basavaraja, Faculty and Mr.Rajkumar Khot Mr.S.B.Kandagal, students Department of Mechanical Engineering published research paper titled "Design, Optimization and Calibration of Component External Wind Tunnel Balance" in the International Journal of & Engineering Research, Scientific Volume 11, Issue 1, January-2020 ISSN 2229-5518

January 31, 2020: Sri. Ugrasen Gonchikar, Faculty, Mr.Holalu Venkatadasu, Mr.Ravindra, Mr.Prathik Jain, Mr.Sudhir, Mr.Umesh Gowda Bettahally Mr.Mahadeve Gowda, Mr.Shankarnarayan students Maskibail Mr.Suresh Department of Mechanical Engineering published research paper titled "Estimation and Comparison of Welding Responses Using MRA, GMDH and ANN Technique of Al6061 and Al7075 Material in FSW", ASME International Mechanical Engineering Congress & Exposition, 2020