



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

July 1, 2019: Sri.N.V.Sreekanth, Faculty, Department of Mechanical Engineering was invited to deliver an expert lecture on “Introduction to Additive Manufacturing” in the Faculty Development Programme on Advances in Welding and Additive Manufacturing by Dayananda Sagar College of Engineering, Bengaluru

July 1, 2019: Department of Electronics & Telecommunication Engineering organized Matlab On-Boarding session. Resource Person was Mr.Obaid Ullah, EDU-Customer Service Manager, Mathworks and Spandana, Technical Evangelist, Mathworks



July 2, 2019: Meeting of Deans, HODs with Academic Expert, Dr.K.Rajanikanth was conducted to review the New Scheme of Instructions [3rd to 8th Semester] for various B.E. programs



July 2, 2019: The following faculty members of the Department of Mechanical Engineering participated and presented papers in the Symposium (NSRD-2019) on Rotor Dynamics organized by National Aerospace Laboratories, Bengaluru from July 2-3, 2019

- Dr.G.Giridhara & Sri.H.M.Shivaprasad, presented paper titled “Feasibility studies on newly conceptualized Inter-shaft Squeeze Film Damper (ISSFD) Rings for Vibration Attenuation”
- Dr.Raghu Yogaraju, presented paper titled “Experimental Investigation on the Effect of Husing Profile and its Relative Position on the Performance of Semi Active Journal Bearing”

July 2, 2019: Ms.P.Ranjini, Mr.Noor Arfa and Mr.Kiran Rajeev, students of Biotechnology presented their project “Production of Bio-Based Utility Plates from Renewable Agro-Industrial Waste of Coconut” in Idea Competition proposed by MHRD and conducted in BMSCE under Institution Innovation Council (IIC) under the guidance of Dr.Chandraprasad. They are one among the two groups from the institute selected for the regional level

July 3, 2019: Meeting with Melton Foundation team





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July 3, 2019: The following students presented papers in the 4th Indian Conference on Applied Mechanics (INCAM 2019) held at Indian Institute of Science, Bangalore from July 3-5, 2019 under the guidance of Dr.A.R.Anil Chandra, Faculty, Department of Mechanical Engineering and Mrs.Anuradha Nayak (GTRE)

- Mr.Thammaiah, student of M.Tech., (Manufacturing Science & Engineering) presented paper titled “High strain rate behaviour of Ti-900 alloy using split Hopkinson system”
- Mr.Vishwas B Patil, student of Mechanical Engineering (Under-Graduate) presented paper titled “A study on the effect of off-axis loading on the fatigue strength of FRPs using modeling techniques”

July 3, 2019: Dr.B.Ravishankar, Professor, Department of Industrial Engineering & Management was invited to deliver a lecture on “Ergonomics Assessment and evaluation” in the AICTE Sponsored Faculty Development Programme on Work Place Ergonomics - Perspectives Principles and Practices organized by RVCE, Bengaluru from July 1-13, 2019. Few faculty members also participated



July 3, 2019: Department of Information Science & Engineering signed MoU with Centre for Incubation, innovation Research and Consultancy [CiirC]



July 3, 2019: Dr.M.Shivarama Reddy, Director of Physical Education was nominated as Coach for Indian Swimming Team (M&W) by Youth Affairs & Sports - Association of Indian Universities. The AIU team participated in the 30th World Summer Universiade 2019 held at Napoli, Italy from July 3-14, 2019



July 4, 2019: Departments of Computer Science & Engineering, Medical Electronics and Electronics & Communication Engineering in association with FET MJP Rohilkhand University, Bareilly and Fluke Technologies organized one day National Symposium on “Infrared Thermography and its Applications”. Resource persons were from Industry & Academia



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



July 4, 2019: Department of Physics organized open seminars by Research Scholars Mrs.Sutar Rani Ananda and Mrs.M.G.Smitha

July 5, 2019: Department of Mechanical Engineering convened a Technical Interaction meeting with Dr.V.Arunkumar, Former Deputy Director, NAL regarding Collaborative research project ventures related to Mechanical Vibrations, Rotor Dynamics, Experimental mechanics, etc.



July 6, 2019: Dr.L.Ravikumar, Professor, Department of Mechanical Engineering was invited for a meeting on Preparation of action plan for ongoing and new interventions to be taken for improving the employability of the Engineering Graduates under TEQIP-III grants by VTU

July 6, 2019: Department of Electrical Engineering organized evaluation by industry experts on the Projects completed as an outcome of the value add course on Product Management



July 7, 2019: Dr.Gurumurthy Hegde, BSN Centre for Nano-materials and Displays published research paper titled “Synthesis, liquid crystalline properties and photo switching properties of coumarin-azo bearing aliphatic chains: application in optical storage devices” in the Journal of Molecular Liquids

July 8, 2018: Dr.B.V.Ravishankar, Principal, was nominated as Member, UGC Expert Committee to visit the Colleges for evaluation from July 8-9, 2019

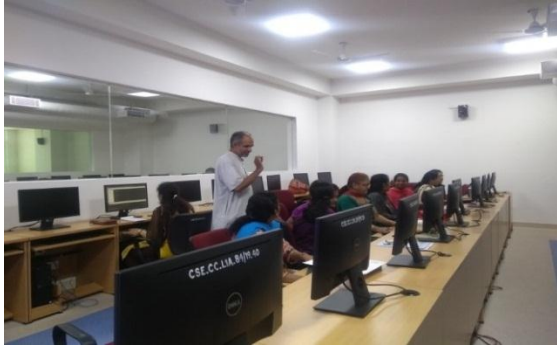
July 8, 2019: Dr.S.M.Suresh, Faculty, Department of Mechanical Engineering was nominated as Jury Member for the MHRD Smart India Hackathon (Hardware)-2019 held at IIT, Roorkee from July 8-12, 2019

July 8, 2019: Department of Computer Science & Engineering conducted two days training programme for faculties of CSE & ISE on CCP course on 8th & 11th July 2019. Resource person was Prof.Srinivasan Lakshminarayan, Freelancer, Bengaluru



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

REPORT ON COLLEGE ACTIVITIES – July 2019



July 8, 2019: Department of Information Science & Engineering in association with Electronics Engineering conducted value added course on “Data Structures using C/C++” for the students of circuit branches from July 8-12, 2019



July 8, 2019: Dr.B Kanmani, Professor & Head, Department of Electronics & Telecommunication Engineering was invited as resource person for the one day Workshop on “Outcomes Based Education” by Sri Jayachamarajendra College of Engineering, JSS Science & Technology University, Mysuru



July 10, 2019: Dr.T.S.Pranesha, Professor Department of Physics and Controller of Examination was invited as Chief Guest for Induction program for Fresher’s by B.M.S. College for Women, Bengaluru



July 11, 2019: Dr.B.Kanmani, Professor & Head, Department of Electronics & Telecommunication Engineering was invited to handle one session on “Action Plans to improve the attainment of POs and PSOs” in the one week VTU sponsored FDP under TEQIP-1.3 on ‘Implementation of Outcomes Based Education in Higher Educational Institutions’ by Siddaganga Institute of Technology, Tumkuru



B.M.S. COLLEGE OF ENGINEERING, BENGALURU
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July 11, 2019: Dr.Gurumurthy Hegde, BSN Centre for Nano-materials and Displays was invited as an External examiner for the Final PhD defense by Jain University



July 13, 2019: Dr.Y.S.Rammohan, Faculty, Department of Mechanical Engineering was invited as member for the Departmental Advisory Board meeting by JSS Academy of Technical Education, Bengaluru



July 13, 2019: Dr.Gurumurthy Hegde, BSN Centre for Nano-materials and Displays was invited as an External examiner for the PhD defense by Chirst University

July 13, 2019: Dr.P.Prasanna Kumar, Professor & Head Department of Civil Engineering was invited as Subject Expert, Staff Selection Committee by Dr.Sri Sri Sri Shivakumara Mahaswamy College of Engineering, Bengaluru

July 14, 2019: Sri.B.Sudarshan, Faculty, Department of Mechanical Engineering presented paper titled “Effect of Forward-Facing Cavity Geometry in High Enthalpy Flows” and poster titled “Effect of Energy Deposition Inside the Forward-Facing Cavity in a Hypersonic Flow” in the 32nd International Symposium on Shock waves (IISW32) organized by the International Shock wave society at National University of Singapore from July 14-19, 2019

July 13, 2019: Department of Mechanical Engineering conducted Departmental Advisory Board (DAB) meeting with regard to curriculum revision. External Members Sri.Soumendu Jana, Sri.Sreenivasa Ramanujam, Sri.Bharath Kumar, Sri.Sachin S Kukke, Sri.A.J.Jayaprakash and Sri.Y.Basavesh were invited for the meeting





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

July 15, 2019: Department of Mechanical Engineering 2019 in association with FET-MJP Rohilkhand University, Bareilly organized One Week Skill Development Programme on Advanced Manufacturing Techniques from July 15-20, 2019 under TEQIP-III



July 15, 2019: Dr.R.Suresh Kumar, Faculty, Department of Mechanical Engineering was invited to deliver a talk on “OBE and NBA Accreditation Process” in the Three-day workshop by SJB Institute of Technology, Bengaluru



July 15, 2019: Department of Information Science & Engineering in association with Electronics Engineering and MJPRU, Bareilly organized Faculty Development Program on “Linux Programming” for internal and external faculty from July 15-

19, 2019. Resource person was Dr. Vishwa Kiran, Professor, BMSIT&M



July 16, 2019: Dr.K.J.Rathanraj, Professor, Department of Industrial Engineering & Management was invited to conduct a Training Program on “Control Charts for Variables” and “Control Charts for Attributes” by BEML, Bengaluru

July 16, 2019: Dr.B.Kanmani, Professor & Head, Department of Electronics & Telecommunication Engineering was invited to handle session on “Formation of Vision-Mission, PEOs and PSOs”, and ‘Framing of COs, identifying curricular gaps and TLP” in the three day workshop on ‘OBE and NBA Accreditation Process’ by SJBIT, Bengaluru





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

July 17, 2019: Dr.T.S.Pranesha, Professor Department of Physics and Controller of Examination delivered a talk on “Anthropogenic Influence on Climate – An overview” in the Department



July 17, 2019: Department of Physics organized a talk by Research scholar Ms.C.G.Poojitha on her research topic “Radon activity in and around Bengaluru region”

July 18, 2019: Sri.Shashiraj, Faculty, Department of Mechanical Engineering was invited to deliver a talk on “2-Dimensional Finite Element formulations” and handled hands-on sessions on ‘Finite Element Analysis using ANSYS’ in a TEQIP 1.3 sponsored Faculty Enrichment Programme by VTU held at Kalaburgi



July 18, 2019: Group of faculty members of the Department of Industrial Engineering & Management visited NIT, Trichy and

PSG College, Coimbatore on 18th & 19th July, 2019, to see various Lab Equipment and other facilities



July 18, 2019: Department of Computer Science & Engineering organized one week value added course on Python from July 18-23, 2019 for Non-IT students



July 18, 2019: Dr.M.Dakshayini, Professor & Head, Department of Information Science & Engineering was invited as Member, External Doctoral Committee by BNMIT, Bengaluru





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

REPORT ON COLLEGE ACTIVITIES – July 2019

July 18, 2019: Dr.K.Vijayakumar, Head, Department of Computer Applications and Mr.Shankru Guggari, Research Associate participated in the Zinnov Confluence Technology Conference 2019 held at Sheraton Grand, Bengaluru for interaction with professionals from various IT Companies and Startups for internship opportunities



July 18, 2019: Dr.Gurumurthy Hegde, BSN Centre for Nano-materials and Displays was invited to deliver Guest lecture on “Quality Research and Patents” by Dr.TTIT, KGF, Kolar



July 19, 2019: Department of Electrical Engineering in association with Department of Electronics & Telecommunication Engineering, FET MJP Rohilkhand University, Bareilly, IEEE PES and IEEE SSIT organized four day workshop on

“Drone Technology” from July 19-24, 2019 under TEQIP III



July 19, 2019: Dr.B,R,Shambhavi, Faculty, Department of Information Science & Engineering was invited to deliver a talk on “Best Practises in Teaching Learning Process” in the Three Day Faculty Development Programme on Outcome Based Education by KSIT, Bengaluru



July 20, 2019: Department of Mechanical Engineering conducted 23rd Board of Studies (BOS) Meeting with regard to curriculum Revision for Higher Semesters





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

REPORT ON COLLEGE ACTIVITIES – July 2019

July 20, 2019: Department of Management Studies convened BOS meeting to review and approve MBA syllabus for higher semesters. External members Dr.Shankarashan Basu, Professor, IIM-B, Mr.Madhusudhan Varadaraj, Sr. Director, Siemens and Ms.Namratha, HR Officer, HAL were invited for the meeting



July 22, 2019: Department of Information Science & Engineering in association with Electronics Engineering and MJPRU, Bareilly organized One Week Workshop on “Practical Approaches for Engineering Courses towards Industry Perspective” from July 22-26, 2019 under TEQIP-III

July 20, 2019: Sri.H.R.Sridhar, Faculty, Department of Management Studies was invited as Quiz Master to host the 'Business Quiz' by NIPM (National Institute of Personnel Management) Karnataka Chapter



July 22, 2019: Department of Electronics & Instrumentation Engineering in association with FET, MJPUR, Bareilly organized workshop on “Signals, Sensors & Measurement Systems” from July 22-26, 2019 under startup cell BMSCE, sponsored by TEQIP III.

July 22, 2019: Department of Mechanical Engineering along with ISTE-BMSCE Chapter organized One-week Faculty Development Programme on Contact and Non-Contact Measurements from July 22-27, 2019

- Dr.B.Kanmani, Professor & Head, Department of Electronics & Telecommunication Engineering handled one session on “Design of Signals Lab”



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

REPORT ON COLLEGE ACTIVITIES – July 2019

- Dr.P.Meena, Professor & Head, Department of Electrical Engineering gave a strong overview on Sensing and Measurement of Electrical Quantities in the first session



July 22, 2019: Dr.A.Satya Nandini & Dr.Minu Zachariah, Faculty, Department of Management Studies were invited as resource persons for Faculty Development Programme on Case teaching, writing and research by SJBIT, Bengaluru



July 24, 2019: Dr.Savithri Bhat, Faculty, Department of Biotechnology was invited to deliver a talk on “Beginners Guide for Publications” in the Faculty Development Programme on Strengthening Quality Research in Higher Education by Padmashree Institute of Management & Sciences

July 24, 2019: Dr.T.S.Pranesha, Professor Department of Physics and Controller of Examination was nominated as Expert for selection of Ph.D candidates for BMSCE at Mangalore University, Mangalore

July 25, 2019: Dr.Y.S.Rammohan, Faculty, Department of Mechanical Engineering was invited to conduct Two Day Faculty Development Program on LaTeX by K.S. Institute of Technology, Bengaluru from July 25-26, 2019



July 25, 2019: Dr.Y.S.Rammohan, Faculty, Department of Mechanical Engineering presented research paper titled “Analysis of Mechanical Properties of Graphene Hydroxyl Reinforced Aluminium Composites Treated with Shock Waves” in the International Conference on Advances in Materials Research (ICAMR-2019) held at Ramaiah University of Applied Sciences from July 25-27, 2019

July 25, 2019: Dr.V.Champa, Faculty, Department of Electrical Engineering co-authored and presented research paper titled “Comparative study between negative and positive Lou converter on reduction of THD” along with Mr.Harsha Raghavendra kodgi, M.Tech student scholar at REVA University, Bengaluru



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

July 25, 2019: Department of Biotechnology convened Departmental Advisory Board meeting for discussion on biotech curriculum. Experts Dr.Jitendra Kumar, Bio innovation Centre, Dr.S.S.Eswaran, Biocon Academy and Dr.D.S.Dhananjay, In stem, NCBS were invited for the meeting



July 25, 2019: Dr.M.V.Murugendrappa, Head, Department of Physics and Dr.B.L.Suresha, Faculty, Department of Physics were invited as resource persons to conduct “Induction Program for first year B.Tech. Students” by MJP Rohilkhand University, Bareilly from July 25-26, 2019. They also delivered a talk on glimpses of Engineering Physics



July 25, 2019: Dr.S.Jayanthi, Dr.Rangaswamy, Sri.Anthony Christy Melson and Dr.B.N.Vanishree, Faculty, Department of Mathematics and Humanities were invited as resource persons for the Induction Program 2019-2020 by FET, MJP Rohilkhand University, Bareilly from July 25-30, 2019

July 26, 2019: Department of Chemical Engineering convened Department Advisory Board Meeting. Dr.M.B Saidutta, Professor, Department of Chemical Engineering, NITK Surathkal, Dr.V.S.Gangadhar Rao, Director, Ananyavijaya Consultancy LLP., Bengaluru and Mr.Umesh Duggani, Senior Vice President Tech (Retd), Grasim Industries Limited, Unit Harihar Polyfibers, Karnataka, Experts were invited for the meeting



July 26, 2019: Dr.Gurumurthy Hegde, BSN Centre for Nano-materials and Displays convened a meeting with the ISRO and IIT Kanpur research team

July 27, 2019: Department of Biotechnology in association with Department of Chemical Engineering convened Board of Studies meeting



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

REPORT ON COLLEGE ACTIVITIES – July 2019



July 29, 2019: Department of Mechanical Engineering in association with FET MJP Rohilkhand University, Bareilly organized One Week Faculty Development Programme on Deep Dive Sessions on Industrial Automation Systems and Controls from July 29 – August 2, 2019 under TEQIP-III.

Dr.R.S.Geetha, faculty, Department of Electrical Engineering delivered a lecture on “Microprocessor and micro controllers in automation systems”



July 29, 2019: Department of Mechanical Engineering in association with FET, MJP Rohilkhand University, Bareilly organized Two Week Faculty Development Programme on Mechatronics and Artificial Intelligence from July 29 – August 10, 2019 under TEQIP–III



July 29, 2019: Department of Chemical Engineering organized Open Seminars of the following Research Scholars:

- Mr.H.N.Pradeep under the guidance of Dr.Chetan A Nayak presented on “Microencapsulation of C-phycoyanin by Microfluidics”
- Mr.R.Shivakumar under the guidance of Dr.Samita Maitra presented on “Studies on combustion behavior of biomass blends with coal”

July 29, 2019: Dr.Gurumurthy Hegde, BSN Centre for Nano-materials and Displays was invited to deliver Guest talk on “Smart Materials and their Emerging Technologies” in the Faculty Development Programme by BMSIT&M, Bengaluru. FDP participants also visited BSN Centre for Nano-materials and Displays as a part of their FDP programme

July 31, 2019: Dr.T.V.Reshmi Devi, Faculty, Department of Civil Engineering was recognised for her excellent contribution to current world environment Journal as Reviewer for the year 2019



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

July 31, 2019: Dr.S.Srinivas, Faculty, Department of Mechanical Engineering along with Sri.R.Venkatesh published research paper titled “Effect of Hot and Cold Forging on Hardness, Tensile Strength and Microstructure of Al6061 Metal Matrix Composites Reinforced with Silicon Carbide Particles” in Indian Foundry Journal, vol 65, Issue 6, June 2019, pp 25-39. ISSN: 0379-5446

July 31, 2019: Dr.B,R,Shambhavi, Faculty, Department of Information Science & Engineering was invited to deliver a talk on “Setting up Dynamic Classroom” as part of the Five Day Faculty Development Programme on Outcome based Education by Don Bosco Institute of Technology

July 31, 2019: Smt.V.Nalina, Faculty, Department of Information Science & Engineering published research paper titled “Green Hardware and the approaches for its energy efficiency” in International journal of Recent Engineering Science, Volume 6, Issue 4, July 2019

July 31, 2019: DrV.Jayaramaiah, Faculty, Department of Mathematics and Humanities was invited to associate in the seat selection process of UGET – 2019 for Engineering/Architecture courses by COMEDK