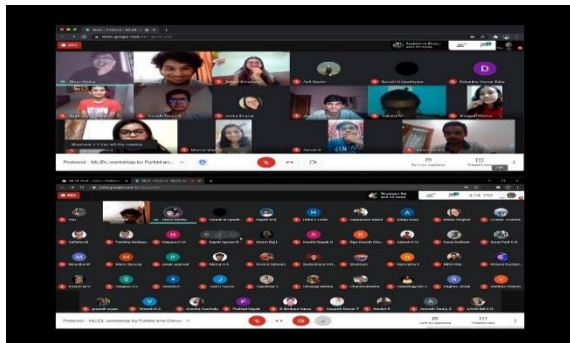




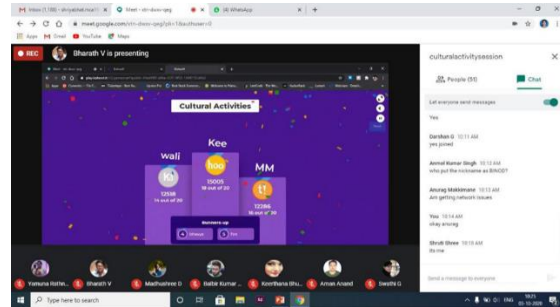
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REPORT ON COLLEGE ACTIVITIES – OCTOBER 2020

October 2, 2020: Protocol Club of the Department of Computer Science & Engineering organized an online workshop on “ML/DL Workshop” from October 2-4, 2020. The resource persons were Alumni Mr.Dhruv Mehta Software Developer, Leanovate Info Solutions Limited, Bengaluru and Mr.Purbid Bambroo Developer, Wissen Technology, Bengaluru



October 3, 2020: Cultural Club of the Department of Computer Applications conducted quiz on Indian Culture, Classical Music and Sports for the students of 3rd & 5th semester



October 2, 2020: Department of Computer Applications organized a webinar on “Cross-Platform Mobile Application Development using Flutter” for the students of 3rd & 5th semester. Resource person was Mr.Amit Srivastav, Brain Mentors Pvt Ltd.

October 3, 2020: Dr.B.V.Ravishankar, Principal was nominated as VTU Nominee, NBA Expert Committee to visit the Engineering College for Evaluation from October 3-4, 2020

October 3, 2020: Dr.Rajeshwari Hegde, Faculty, Department of Electronics & Telecommunication Engineering co-authored and presented research paper titled “Heart-brain Interface for the Holistic Development of Students-A Heartfulness Approach” in the National Conference (virtual) on Values Today and Civilization Tomorrow” organized by Heartfulness Institute

October 5, 2020: Dr.S.B.Bhanu Prashanth, Professor, Department of Medical Electronics was invited to deliver a technical talk on “Biosensors : A Conceptual Overview”, by UVCE, Bengaluru in the AICTE Training and Learning (ATAL) Academics sponsored Faculty Development Programme on Control Systems and Sensors Technology

October 6, 2020: Dr.D.N.Sujatha, Professor, Department of Computer Applications was invited as Chief Guest for IEEE day 2020 by Dayananda Sagar Academy of Technology and Management, Bengaluru. She also delivered a talk on “Staying Relevant with IEEE”

October 7, 2020: Smt.M.Vasantha Lakshmi and Dr.B.Kanmani, Faculty, Department of Electronics & Telecommunication Engineering published research paper titled “PAPR Reduction in Offset QPSK OFDM through Lossy Source Coding” in the **International Journal of Electrical Engineering and Technology (IJEET) Volume 11, Issue 8, Pages: 1-10, October 2020 (Scopus Indexed) DOI 10.34218 / IJEET.11.8.2020.001**



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October 7, 2020: Department of Biotechnology in collaboration with Indian Women Scientist Association organized “International webinar series on Recent advances in drug discovery and pharmaceutical sciences” from October 7-10, 2020

October 9, 2020: Dr.K.R.Radhika and Smt.M.K.Nalini, Faculty, Department of Information Science & Engineering presented paper titled “Comparative analysis of deep network models through transfer learning” in the 4th IEEE International Conference on IOT in Social, Mobile, Analytics and Cloud IEEE XPLORE ISBN: 978-1-7281-5464-0

October 9, 2020: Dr.R.Kalpana, Faculty, Department of Medical Electronics, presented paper titled “Analysis of Heart rate variability using different techniques of breathing” in the 4th International Conference on Smart Computing and Informatics (SCI-2020) organized by Vasavi College of Engineering, Hyderabad

October 9, 2020: Dr.D.N.Sujatha, Professor, Department of Computer Applications was invited to Chair a Session in Bangalore Humanitarian Technology Conference and also for Project (SHTP) Exhibition by IEEE

October 10, 2020: Sri.Arjun Kasi, Faculty, Department of Civil Engineering published research paper titled “Performance-Based Economic Evaluation of Retrofitted Slabs with Different FRP’s and Different Configurations” in the Springer Link International Journal, DOI https://doi.org/10.1007/978-981-15-6828-2_25, pp 323-331

October 10, 2020: Dr.G.Poornima, Faculty, Department of Electronics & Communication Engineering and Ms.S.Harshitha, Student of M.Tech., (Electronics Engg.) published paper titled “Framework for Traffic Rule Infringement” in the Journal of Communication Engineering and its Innovations", Volume 6, Issue 3, PP1-10, October 2020

October 11, 2020: Dr.M.Dakshayini, Professor & Head, Department of Information Science & Engineering published research paper titled “Computational Performance Analysis of Neural Network and Regression Models in Forecasting the Societal Demand for Agricultural Food Harvests” in the International Journal of Grid and High Performance Computing (IJGHPC), Vol 12, Issue 4, Oct-Dec 2020, pp 35-47, WOS ESCI Indexed, ISSN 1938-0259, eISSN: 1938-0267

October 12, 2020: Department of Computer Science & Engineering organized online technical talk on “Block chain and its Applications” for the students of 5th semester. The talk was delivered by Mr.S.K.Aditya Kumar, CTO, Tequed Labs, Bengaluru





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October 12, 2020: Protocol Club of the Department of Computer Science & Engineering organized an online event “Reverse MCQ” and “Code-a-thon” as part of IEEE day events

October 12, 2020: Dr.B.Mallikarjuna, Faculty, Department of Mathematics presented (online) paper titled “Comparison of Shooting Technique for Boundary Value Problem using Different Renge-Kutta Methods” in the International Conference on Advances in Differential Equations and Numerical analysis (ADENA-2020) held at IIT, Guwahati from October 12-15, 2020

October 13, 2020: Departments of Electronics & Communication Engineering and Medical Electronics in collaboration with BMSCE-IEEE and IIC-BMSCE organized a talk on “Ophthalmology Image Analysis”. The talk was delivered by Dr.Soumya Ramani, Ophthalmologist and Asst.Professor, M.S.Ramaiah Medical College, Bengaluru

October 13, 2020: Sri.S.Pradeep, Faculty, Department of Biotechnology published a paper on “In-Silico Pharmacological and Molecular Docking Studies of Natural Inhibitors from Musa Spp. On Vaca Gene a Vacuolating Cytotoxin Autotransporter” in 1st International Conference on Computational Engineering and Material Science (ICCEMS - 2020) organized by GMIT, Davanagere

October 14, 2020: Department of Physics established new Research Laboratory “Functional ceramics and Atmospheric Aerosols research lab” and the same was inaugurated by the Principal and Vice Principal



October 14, 2020: Dr.Rajeshwari Hegde, Faculty, Department of Electronics & Telecommunication Engineering was invited as resource person for the AICTE ATAL workshop on “Robotics” by Dr.AIT, Bengaluru

October 15, 2020: Dr.Rajath Vasudevamurthy, Faculty, Department of Electronics & Communication Engineering was invited to deliver a talk (online) on “Applications of Analog and Digital Electronics” by JSS Academy of Technical Education, Bengaluru

October 17, 2020: Mr.R.Sharath, Mr.Rushikesh S Nadgouda, Mr.Ravi R Katate, Mr.R.Dheeraj, Mr.S.Rohan, Mr.K.L.Chandrashekhara, Mr.Shantanu Sanjay Sangam, students of Mechanical Engineering were awarded Publication Promotion grants from the Mechanical Engineering Association (MEA), Department of Mechanical Engineering for the year 2019-2020. The grant involves financial assistance in the form of reimbursement of registration fees for participation and publication in conferences of repute



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October 17, 2020: Mr.R.Dheeraj, student of Mechanical Engineering **won Third Prize in Inspired Project Idea Contest from Student’s Ideas under Connect Next National Conference organized by La Foundation, Dassault Systemes from October 17-18, 2020**

October 17, 2020: Dr.K.S.Vasundhara Patel, Professor, Department of Electronics & Communication Engineering published research paper titled “Crosstalk Noise Analysis in Ternary Logic MLGNR Interconnects Using Shielding Techniques” **in the International Journal of Circuit Theory and Applications .John Wiley & Sons, Impact factor: 1.581, Online ISSN: 1097-007X**

October 17, 2020: Department of Electronics & Communication Engineering organized a Webinar on “MEMS Technology & its Applications” as a part of Smart Materials & Application Programme initiative. The talk was delivered by Prof.K.N.Bhat, Emeritus Professor, IISc Bangalore

October 17, 2020: Department of Information Science & Engineering organized a talk (online) on “Interview tips for a successful career”. The talk was delivered by Mr.T.J.Phanendra, Key Account Manager - Infrastructure Projects, Wipro Enterprises Ltd

October 17, 2020: Department of Management Studies in association with National Institute of Personnel Management organized an online Management Development Programme on “Artificial Intelligence in Recruitment”. This programme was conducted for HR

professionals from Industry and Academia, About 129 members from Industry and academia participated. Resource Person was Mr.S.G.Avinash, HR Manager, Wuerth Elektronik Pvt Ltd.



October 18, 2020: Department of Electronics & Communication Engineering organized farewell (online) to the students of 8th Semester

October 19, 2020: 77th Meeting of the Board of Governors was convened. The Board deliberated on Administrative, Academic and TEQIP matters

October 20, 2020: Dr.R.V.Ranganath, Professor, Department of Civil Engineering was invited to deliver a (online) lecture on “Self-Assessment Report (SAR): Overview of changes, how to prepare the SAR and effect Improvements during the process (UG Engineering)” in the Awareness Webinar on Outcome-based Education and Accreditation for Engineering Colleges in Tamil Nadu, jointly organized by National Board of Accreditation (NBA) and Anna University, Chennai

October 20, 2020: Dr.D.N.Sujatha, Professor, Department of Computer Applications was invited as Guest of Honour by Sharanabasava University. She also delivered a talk on “IEEE Student Branch Benefits & Opportunities”



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October 21, 2020: Meeting of the Board of Appointments was convened to select candidates for Teaching positions in the Department of Mechanical Engineering

October 22, 2020: Dr.B.V.Ravishankar, Principal was nominated as VTU Nominee for the Board of Appointments of M.S. Ramaiah Institute of Technology, Bengaluru

October 22, 2020: Dr.G.Giridhara, Professor, Department of Mechanical Engineering was invited as external member for Academic Audit by Siddaganga Institute of Technology, Tumakuru

October 22, 2020: Dr.Kalyan Raj, Professor & Head, Department of Chemistry was invited to attend Research Advisory Committee (RAC) meeting of Presidency University as an advisor

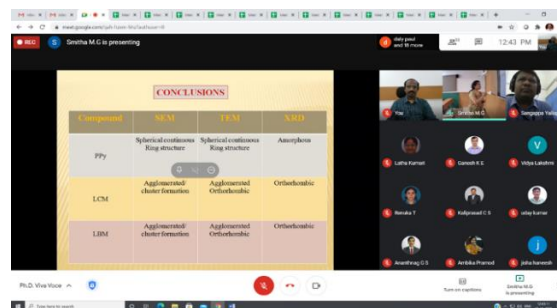
October 23, 2020: Dr.R.Kalpana, Faculty, Department of Medical Electronics, presented paper titled “Development of Non-Invasive Photoplethysmography Acquisition system” in the AICTE sponsored 1st International E-Conference of Recent Trends

and Development in Information and Communication -ICRTDIC-2020 organized by Dr.AIT, Bengaluru

October 23, 2020: Dr.D.N.Sujatha, Professor, Department of Computer Applications was invited as Guest of Honour by Navkis College of Engineering, Hassan. She also delivered a talk on “A Sneak Peak into the Right Practices of IEEE SB”

October 23, 2020: Department of Physics organized Ph.D. Final Viva Voce Examination of Mrs.M.G.Smitha on the title “Synthesis, characterization &

Transport studies of polypyrrole Nano composites” under the guidance of Dr.M.V.Murugendrappa, Head of the Department and External Examiner Dr.Y.Sangappa, Professor, Mangalore University, Mangalore (google meet link meet.google.com/qah-hzxm-hhz)



October 23, 2020: Dr.Ramya Hariharan, Faculty, Department of Physics published a **Book Chapter in “Hybrid Perovskite Composite Materials”, 1st Edition Elsevier, (458 pages) October 2020**

October 24, 2020: Department of Information Science & Engineering organized a talk (online) on “Ready to Surf”. The talk was delivered by Mr.Jeevan C Raghu (alumni), Project Manager, Daimler AG

October 25, 2020: Students of 3rd semester MBA participated in the Certification Course on “Soft Skills” organized by the Indo Universal Collaboration for Engineering Education (IUCEE) under the guidance of Dr.Shubha Muralidhar, Faculty of the Department. 10 students received Certificates with Distinction, 16 students received certificates and Dr.Shubha Muralidhar received Certificate of Appreciation as a Faculty Mentor & Grader



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October 27, 2020: Dr.K.Panimozhi and Smt.Anatara Roy Choudhury, Faculty, Department of Computer Science & Engineering were invited to conduct an online Workshop on “Internet of Things and its applications“for the 2nd year students of National Institute of Fashion Technology, Bengaluru from October 27-31, 2020



October 27, 2020: Dr.Kalyan Raj, Professor & Head, Department of Chemistry and Research Scholars Sri.N.Suresha & Smt.S.Malini published research paper titled “Catalysis and mechanistic study of Ru(III) and Os(VIII) on the oxidation of taurine by BAT in acid and alkaline media: a kinetic modeling” **in Inorganic and Nano-Metal Chemistry Journal by Taylor & Francis Group, LLC**

October 28, 2020: Department of Electronics & Instrumentation Engineering coordinated to conduct the Mid-term Assessment Examination by NASSCOM, under NPIU-TEQIP for 100 students belonging to different disciplines of BMSCE. The students have enrolled for Skill Development Program on Robotics & Automation under the guidance of Dr.Veena N. Hegde, Professor & Head, Department of Electronics and Instrumentation Engineering and Smt.L.Chaitanya , Faculty, Department of Electrical & Electronics Engineering

October 31, 2020: Sri.Madhav Murthy, Faculty, Department of Mechanical Engineering received Certificate of Excellence award in recognition of an outstanding contribution to the quality of the journal in Asian Journal of Probability and Statistics 2020

October 31, 2020: The following faculty and students of Mechanical Engineering participated and presented paper in the National Conference on Innovative Processing Methods for Synthesizing Advanced Structural and Functional Materials, NEC-IPSASF-2020, organized by HKBK College of Engineering, Bengaluru:

- Sri.Shivakumar V Bilagi, Sri.Shivashankar R. Srivatsa, Sri.Vijaykumar Walikar, Sri.Shreyas Valale presented paper titled “Modal Mapping Using Machine Learning”
- Sri.Kiran Digidigi, Sri.Shivashankar R. Srivatsa, Sri.Girish Mule presented paper titled “Linear Static and CFD Analysis of 2-Ton Capacity Hydraulic Bottle Jack developed using OEM Catalogs”

October 31, 2020: Sri.Raghu Yogaraju, Dr.L.Ravikumar, Sri.G.Saravanakumar and Sri.V.Arun Kumar, Faculty, Department of Mechanical Engineering published research paper titled “Experimental Investigation on the Effect of Housing Profile and Its Relative Position on the Performance of Semi-Active” **in the Journal Bearing, Lecture Notes in Mechanical Engineering, Springer, 2021**



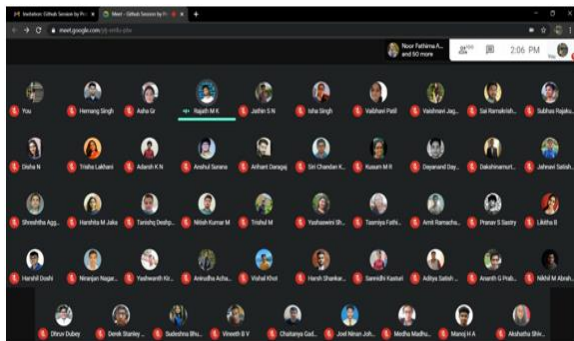
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October 31, 2020: Sri.Prashant M Choudri, Sri.N.V.Sreekanth, Sri.Anand Madeswaran and Sri.Basavaraj Pyati, Faculty & Students of the Department of Mechanical presented paper titled “Development of Reduced Order Model for Inverter Power Electronics Based On Thermal Analysis” in the National Conference on Innovative Processing Methods For Synthesizing Advanced Structural And Functional Materials, NEC-IPSASFM-2020

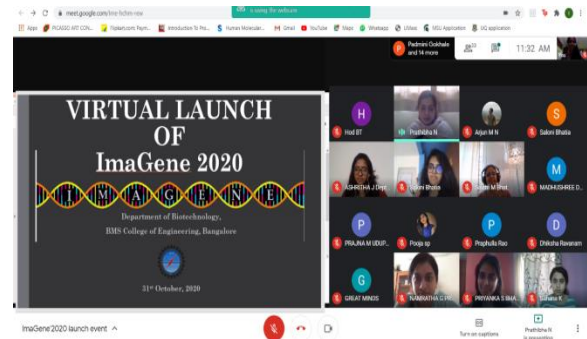
October 31, 2020: Dr.K.P.Lakshmi Professor, Department of Electronics & Communication Engineering and Ms.B.Pruthvija, Research Scholar published paper titled “Review on Battery Technology and its Challenges” in the **International Journal of Scientific & Engineering Research (UGC approved Journal) Volume 11, Issue 9, September-2020 pages:1706-1713**

October 31, 2020: Protocol Club of the Department of Computer Science & Engineering organized an online session on Github for the students of 3rd semester. Mr.Harsh Shankar Rao and Mr.Rajath Kotyral from Protocol Club conducted this session



October 31, 2020: Department of Information Science & Engineering organized a talk (online) on “To do or not to do: A guide to higher education after Engineering”. **The talk was delivered by Dr.Sivaram Ramanathan, Professor, University of Southern California**

October 31, 2020: Department of Biotechnology organized virtual launch of ImaGene 2020 Magazine



October 31, 2020: Dr.Savithri Bhat, Faculty, Department of Biotechnology was invited to deliver a talk on “Chemical handling, storage and disposal” in Workshop on “Lab safety skills and practices” by Padmashree Institute of Management and Sciences

October 31, 2020: Department of Management studies organized Farewell (virtual) to the final year students

