



B.M.S. COLLEGE OF ENGINEERING, BENGALURU
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REPORT ON COLLEGE ACTIVITIES – DECEMBER 2020

December 1, 2020: Dr.C.Gururaj, Faculty, Department of Electronics & Telecommunication Engineering published research paper titled “AI based Feature Extraction through Content Based Image Retrieval” in the Journal of Computational and Theoretical Nanoscience, volume 17, Issue 9-10, pp. 4050-4054, ISSN: 1546-1955 (Print): EISSN: 1546-1963 (Online), DOI: 10.1166/jctn.2020.9018, CiteScore 2019: 0.488, SJR 2019: 0.165, Impact factor: 0.488

December 2, 2020: Meeting with Chairman, BOG and HODs of ME, CV, EE, E&I and IEM to review the progress and future plans of their respective departments



December 2, 2020: Department of Computer Science & Engineering organized Ph.D Viva Voce in respect of Mr.Shankru Guggari, Research Scholar. He presented (virtually) his research on “Partitioning Based Decision Tree Techniques” under the guidance of Dr.V.Umadevi, Professor and Head of the Department and Dr.K.Vijaya Kumar, Head, Department of Computer Applications

S.No	Dataset	CART		DTSTP-CART	
		Precision	Recall	Precision	Recall
1	Shoal-Corner	0.963	0.995	0.975	0.974
2	Malicious-Emails	0.779	0.768	0.778	0.766
3	Virus-02	0.957	0.975	0.96	0.97
4	Synonym	0.975	0.972	0.983	0.981
5	Online-news-repository	0.678	0.676	0.674	0.661
	Average	0.783	0.784	0.785	0.784

December 3, 2020: Center of Excellence for Advanced Materials Research received additional financial support of Rs.2.00 Crore for enhancing the Research competencies under Centre of Excellence through TEQIP-III

December 4, 2020: Dr.R.V.Ranganath, Professor, Department of Civil Engineering was invited to deliver a lecture on “Outcome Based Education and Accreditation for the Engineering Colleges in Rajasthan” in the Workshop (online) conducted by NBA in association with Rajasthan Technical University, Kota

December 4, 2020: BMSCE (Department of Mechanical Engineering) in collaboration with M/s Kore’s Enterprises and M/s Invent Edutech Consultants developed a product “Instant Heat Pump”. The product was launched by the Chairman, BOG. During the occasion Mechanical Engineering Magazine ‘YANTRA 2019-2020’ was released by Sri.Aviram Sharma, Trustee, BMSET and Brochure of forthcoming International Conference ‘VETOMAC-2021’ was also released by the Principal. Mr.Mallikarjun Kore, CEO, M/s Kore’s Enterprises, Mr.Ashok G Gadavi and Dr.H.K.T.Kumar, Founders, M/s Invent Edu Tech Consultants, Dr.S.Muralidhar, Vice Principal, BMSCE were Guest of Honor.



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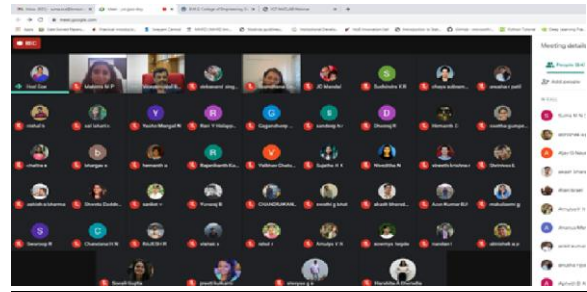
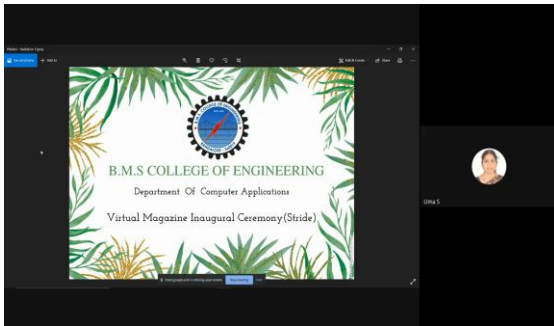
The Instant Heat Pump was developed by the research team comprising of Dr.Rudra Naik, Professor & Head, Dr.L.Ravi and Dr.Venkatesh T Lamani, Faculty, Department of Mechanical Engineering



December 5, 2020: Department of Electronics & Communication Engineering organized a Webinar on “Internet of Things”. Resource person was Sri.Chetan Gouda, NOKIA INDIA LTD, Bengaluru

December 5, 2020: BMSCE Institution Innovation Cell (IIC) in association with IEEE SB BMSCE organized Webinar on “Intrapreneurship - The Way Forward – Journey”. Resource person was Mr.M.K.Anand, Founder & Partner | Strategic Business Advisor Knowledge Partner - Facilitator to Corporates - SEE CHANGE

December 4, 2020: Department of Computer Applications organized Magazine Inaugural Ceremony (virtual) to release the Students’ Magazine Stride



December 7, 2020: First Year Admission Process with COVID-19 SOP



December 5, 2020: Department of Electrical & Electronics Engineering organized an (online) expert talk on “Planning for the Next Generation Energy Grid- Key Insights”. The talk was delivered Dr.Mandhir Sahni (Alumni), Principal Engineer, EEPLUS, Inc – Energizing, Next Generation Solutions



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December 7, 2020: Dr.R.N.Ravikumar, Faculty, Department of Mechanical Engineering presented research paper titled “Experimental studies on Performance of Air foil thrust bearing load capabilities considering foil materials” in the International Conference (virtual) on Advances in Mechanical Engineering Science & Management held from December 7-9, 2020, at Dayananda Sagar College of Engineering, Bengaluru

December 7, 2020: Mr.Nagaraj, Research Scholar, Department of Electronics & Communication Engineering under the supervision of Dr.D.Seshachalam, Professor of the Department presented research paper titled “Ann Macromodel of Ring Oscillator System Using Proper Orthogonal Decomposition” and was awarded “Best Paper Presentation” in the International Conference (virtual) on Applications of Artificial Intelligence and Computational Mathematics organized by Dayanand Sagar College of Engineering, Bengaluru from December 7-9, 2020

December 7, 2020: Dr.K.N.Rajanikanth, Faculty, Department of Electronics & Communication Engineering was invited as session chair for the track “Artificial Intelligence and Machine Learning, Data Analytics, and Cyber Security” in the 3 day International Conference (virtual) on Applications of Artificial Intelligence and Computational Mathematics organized by Dayananda Sagar College of Engineering, Bengaluru from December 7–9, 2020

December 7, 2020: Dr.K.Vijayalakshmi, Professor & Head, Department of Medical Electronics was invited to deliver a Plenary Talk on “Brain Signature and Its Analysis” in the International Conference on Recent Trends in Electrical, Electronics, Telecommunication, Instrumentation Engg, Medical Electronics and Physics by Dayananda Sagar College of Engineering, Bengaluru

December 7, 2020: Dr.G.Chandra Shekara, Faculty, Department of Mathematics along with Mr.S.V.Harsha, Research Scholar, presented research paper titled “Double diffusive and magnetic field effect on Stability of power law fluid” in the (online) International Conference on Applications of Artificial Intelligence and Computational Mathematics (AAIACM) organized by Dayananda Sagar College of Engineering, Bengaluru

December 7, 2020: Department of Management Studies organized ATAL Faculty Development Programme on Leadership & Excellence from December 7-11, 2020



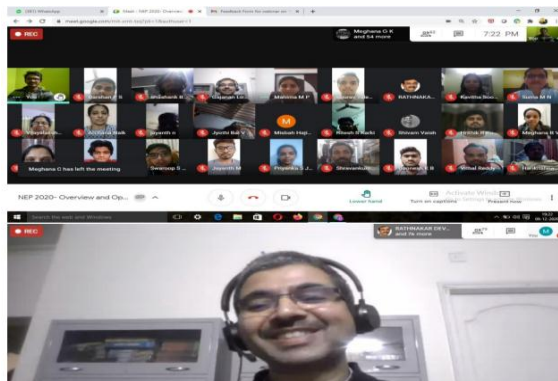


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December 8, 2020: Mr.P.Amith, Mr.Dinesh Bandaru, Ms.Swetha Gumpena and Ms.K.R.Vijaya Lakshmi, students of 7th Semester Electronics & Communication Engineering have been selected as finalists for PRISMGLANZ 2020 competition for the work-let “Face Detection using Depth Information” mentored by Dr.M.N.Suma, Professor of the Department

December 9, 2020: BMSCE Institution Innovation Cell (IIC) in association with the Departments of Electronics & Communication Engineering and Computer Science Engineering organized Webinar on “Orientation Session on National Education Policy - NEP 2020”. Resource person was Mr.Gajanana Londhe, Executive Director, SAMVIT Research Foundation and Head, Strategy, Transformation, NOKIA INDIA



December 9, 2020: Dr.R.V.Ranganath, Professor, Department of Civil Engineering was invited to deliver a lecture on “Self-Assessment Report (SAR): Overview of changes, How to prepare the SAR and effect Improvements during the process (UG Engineering)” in the Workshop (online) conducted by NBA for teachers at Punjab University

December 9, 2020: Meeting with Chairman, BOG and HODs of EC, TE and CH to review the progress and future plans of their respective departments



December 9, 2020: Dr.B.Kanmani, Professor & Head, Department of Electronics & Telecommunication Engineering was invited as resource person for the forenoon session on “Defining Course Outcomes to address the Program Outcomes” and the afternoon session on “Designing assessments to address the defined Course Outcomes” for the AICTE Sponsored STTP - Outcome Based Education with Assessment and Evaluation, Phase-3, by Sahridaya College of Engineering and Technology, Kerala





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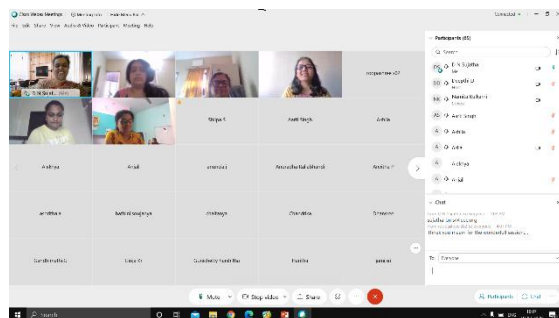
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December 9, 2020: Sri.R.V.Raghavendra Rao and Dr.Ch.Ram Mohan Reddy, Faculty, Department of Computer Applications along with students Mr.Harshith Jain, Mr.Avanish Giri published paper titled “Blockchain adoption in Crowdfunding - An Evaluation and Demonstration of Cryptobuddies Framework”, in GIS SCIENCE JOURNAL UGC-CARE Approved Group ‘II’ journal ISSN No.1869-9391 Volume 7, Issue 12, 2020 Manuscript ID: GSJ/2505

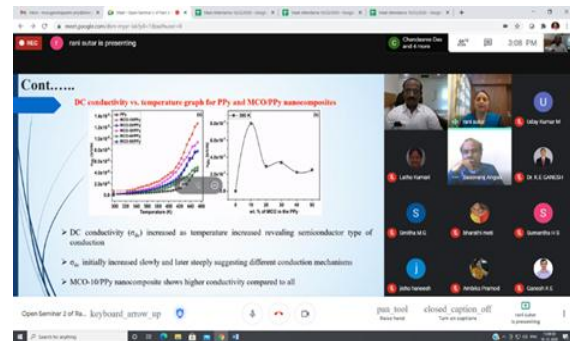
December 9, 2020: Dr.S.Manoharan, Faculty, Department of Management Studies was invited to chair the session on theme “Quality Management” by Dayananda Sagar Business Academy, Bengaluru

December 10, 2020: Department of Mathematics organized open seminar-1 (online) in respect of Ms.D.R.Sasi Rekha, Research Scholar, on her Ph.D work on “The study of Convective Flows and Heat and/or Mass transfer in a Vertical Slot with combined Driving Forces” under the Guidance of Dr.Veena Jawali, Professor of the Department

December 10, 2020: Dr.D.N.Sujatha, Professor, Department of Computer Applications was invited to deliver a talk on “An Insight into IEEE & WiE Affinity Group” by Mphasis



December 10, 2020: Mrs.Sutar Rani Ananda, Research Scholar, Department of Physics delivered an open seminar 2 of her PhD work (online) under the guidance of Dr.M.V.Murugendrappa Head, Department of Physics. Dr.Basavaraj Angadi, Professor, Department of Physics, Bangalore University, Bangalore, was the External expert



December 11, 2020: BMSCE Institution Innovation Cell (IIC) in association with Department of Electronics & Communication Engineering and Computer Science Engineering organized Webinar on “Life in a Start-up”. Resource person was Mr.Sourabh Mathur, Founder CEO of ESANOSYS

December 11, 2020: Dr.B.Sudarshan, Faculty, Department of Mechanical Engineering was invited to deliver talks on “Shock Wave: Significance & applications” and “Research perspectives in shock wave Technology” in the One-Week AICTE-STTP-2020 on Noise, Vibrations & Shock-Measurement and Analysis by R.V. College of Engineering, Bengaluru



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December 11, 2020: The following faculty members of the Department of Electrical & Electronics Engineering were invited as resource persons in the AICTE sponsored Two-Week Faculty Development Program on “Renewable Energy Forecasting Indian Scenario and Future Prospects” by Sir.M.Visvesvaraya Institute of Technology, Bengaluru:

- Dr.K.Padmavathi, Professor was invited to deliver an invited talk



- Dr.Dipesh Kumar, Faculty was invited to deliver a talk and hands-on session



December 11, 2020: Dr.S.B.Bhanu Prashanth, Professor, Department of Medical Electronics was invited to chair a session in the 3rd International Conference on Advances in Electronics, Computers and Communications (ICAIECC 2020) by Reva University, Bengaluru

December 11, 2020: Department of Physical Education and Sports Science organized a Webinar on “Yoga and Stress Management” for the students of 3rd and 5th semester from December 11-12, 2020. Resource person was Dr.Manjunath Gururaj, Faculty, S-VYASA University, Bengaluru



December 11, 2020: Dr.Chandraprasad Madihalli, and Sri.S.Pradeep, Faculty, Department of Biotechnology **published an article on “Nanostructured silica particles from Cymbopogon flexuosus (Nees ex Steud): extraction, characterization and study of their blend with osteoporotic drugs” in the journal SN Applied Sciences volume 2, Article number: 2179 (2020) Cite this article <https://doi.org/10.1007/s42452-020-03952-z>**

December 12, 2020: Mechanical Engineering Association (MEA) organized a talk on “Importance of Scientific Writing in Studies & Career”. The talk was delivered by Mr.Aditya Upadhyaya (Alumni), Post-Graduate Scholar, University of Kaiserslautern, Germany

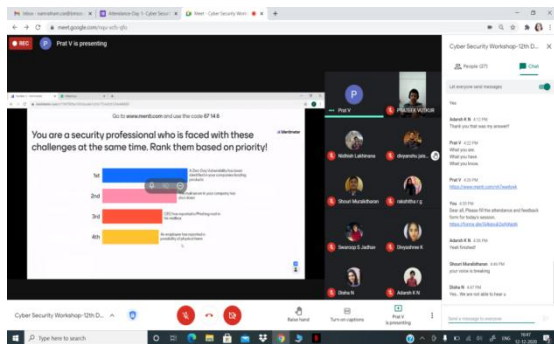


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December 12, 2020: Department of Electronics & Communication Engineering organized workshop (online) on “Wireless Sensor Network Programming using COOJA Simulator - A Hands on Approach” for the students of 7th semester. Resource person was Dr.N.Shamanth, Asst., Professor, Dayanand Sagar College of Engineering, Bengaluru

December 12, 2020: Department of Computer Science & Engineering organized Two-Day Workshop on “Cyber Security” for the under-graduate students from December 12-13, 2020. Resource person was Mr.Prateek Vutkur, Cyber Security Consultant, Mercedes Benz, Bengaluru



December 12, 2020: Smt.M.Namratha, Faculty, Department of Computer Science & Engineering received “**Best Scientist National Award**” in the **2nd International Conference on ERIR-2020, Chennai**

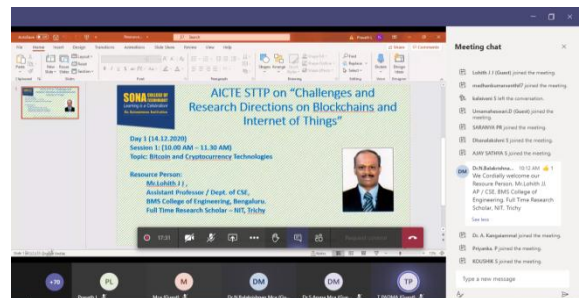
December 13, 2020: Dr.H.R.Prakash, Faculty, Department of Mechanical Engineering was invited to deliver a lecture on “Creating the Smart and Green Society through Advance Technology of Green Energy” by Malnad College of Engineering, Hassan

December 13, 2020: Dr.D.N.Sujatha, Professor, Department of Computer Applications received “IEEE India Council Outstanding Volunteer Award 2020 (>35 Years)”. This event (virtual) was hosted by Netaji Subhas University of Technology, New Delhi, for the exemplary services as outstanding volunteer to the Bangalore Section activities



December 14, 2020: Dr.A.R.Anil Chandra, Faculty, Department of Mechanical Engineering was invited as Resource Person for the (online) workshop on “MATLAB in Interdisciplinary Engineering Research” organized by Vimal Jyothi Engineering College, Kannur, Kerala in association with BMSCE from December 14-31, 2020

December 14, 2020: Sri.J.J.Lohith, Faculty, Department of Computer Science & Engineering was invited as Expert to deliver talk on “Bitcoin & Blockchain technology” in the Faculty Development Programme by Sonar College of Engineering, Salem





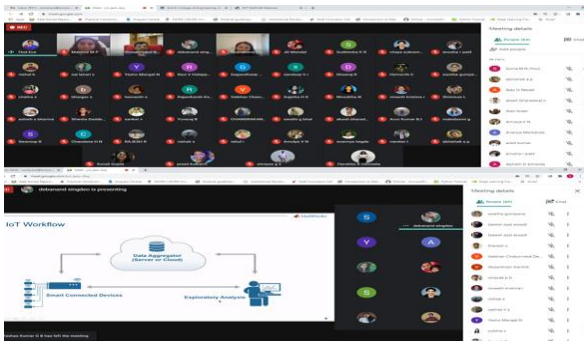
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December 15, 2020: Meeting of the Sub-Committee of BOG for TEQIP-III to discuss the TEQIP activities



December 15, 2020: BMSCE Institution Innovation Cell (IIC) in association with the Departments of Electronics & Communication Engineering organized Skill Development Workshop on “Developing IOT Application”. Resource persons were Dr.Spandhana Gonuguntla, Education Technical Evangelist and Dr.Deb Singdeo, Education Technical Evangelist, Mathworks, INDIA



December 15, 2020: Dr.R.V.Ranganath, Professor, Department of Civil Engineering was invited to deliver lecture on “Outcome Based Education and Accreditation” in the (online) Webinar conducted by NBA for the Engineering Colleges in West Bengal

December 15, 2020: Smt.M.Namratha, Faculty, Department of Computer Science & Engineering received appreciation certificate for being the Faculty Advisor for creating a Qdex App as part of Quanser Global Internship Program IUCEE. Ms.Pooja Srinivasan and Ms.Anusree K Manoj, students of 5th semester were also involved in Odex App development

December 15, 2020: Dr.M.Shivarama Reddy, Director of Physical Education, was invited by HKBK Group of Institutions to deliver a talk on “Health & Physical Activities” during 1st year Induction Program for engineering students

December 16, 2020: Dr.Raghu Yogaraj, Faculty, Department of Mechanical Engineering was invited to deliver a talk on “Semi Active Journal Bearing” in the One-week STTP on Rotor Dynamics: Series-2 by Dr.Ambedkar Institute of Technology, Bengaluru

December 16, 2020: Sri.Madhav Murthy, Faculty, Department of Mechanical delivered a talk on “Creativity & Innovation” for the students of 5th semester Mechanical Engineering & Aerospace Engineering

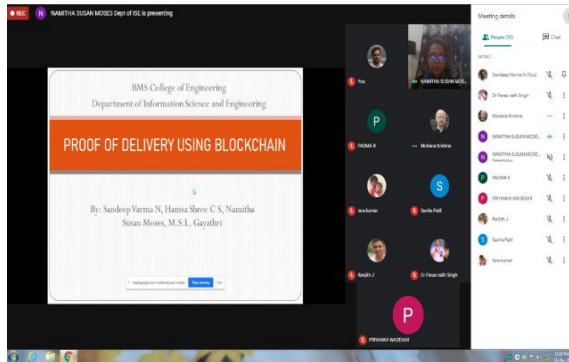
December 16, 2020: Dr.N.Sandeep Varma, Faculty, Department of Information Science & Engineering along with under-graduate students Ms.C.S.Hamsa Shree, Ms.Namitha Susan, Ms.M.S.L.Gayathri (2016 Batch) presented research paper titled “Proof of Delivery Using Blockchain” in the 2nd International Conference on Adaptive Computational Intelligence, GSSSIETW, Mysuru in Technical Collaboration with



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Springer and University of Sannio, Benevento, Italy and also secured best paper award



December 17, 2020: Dr.L.Ravikumar, Professor, Department of Mechanical Engineering, Dr.V.Arun Kumar, Consultant, R&D and Dr.G.Saravana Kumar, Faculty, Department of Mechanical Engineering received **Indian Patent bearing No.353852 for an Invention titled “Bump Foil Squeeze Film Dampers with floating shims in a constrained space” from the Intellectual Property India Patent Office, Government of India vide application 2451/CHE/2015**

December 17, 2020: BMSCE (Department of Mechanical Engineering) in association with Gas Turbine Research Establishment, DRDO under the auspices of National Committee for Air-Breathing Engines (NCABE) organized 3rd National Aerospace Propulsion Conference NAPC-2020



December 17, 2020: Meeting with Chairman, BOG and HODs of BT & R&D to review the progress and future plans of their respective departments

December 17, 2020: The following faculty members of the Department of Electrical & Electronics Engineering were invited as resource persons in the Two-Week Workshop (online) on MATLAB in interdisciplinary Engineering and Research by Vimal Jyothi Engineering College, Kerala:

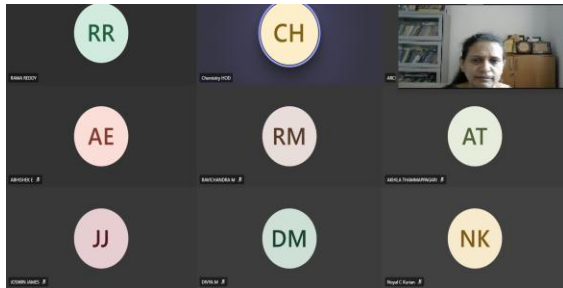
- Dr.R.S.Geetha, Professor, was invited to deliver lecture on “Modelling of Electrical and Electronics systems using MATLAB Simulink”
- Dr.V.Prema, Faculty was invited for expert sessions on “Fundamentals of MATLAB”



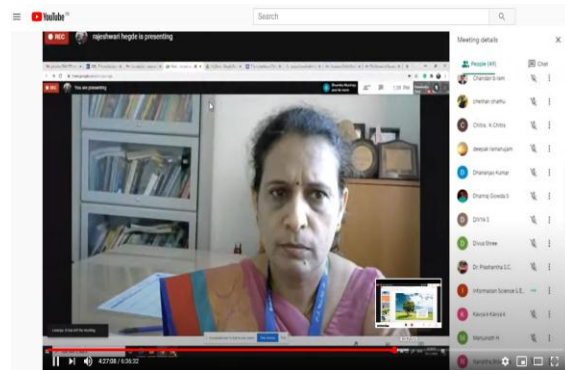
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December 17, 2020: Dr.Rajeshwari Hegde, Professor, Department of Electronics & Telecommunication Engineering delivered a talk on “The Power of Thoughts” in the 1st year induction program by T John Institute of Technology, Bengaluru



December 18, 2020: Dr.Rajeshwari Hegde, Professor, Department of Electronics & Telecommunication Engineering was invited to deliver a talk on “The Power of Thoughts” in the 1st year induction program by East West Institute of Technology, Bengaluru

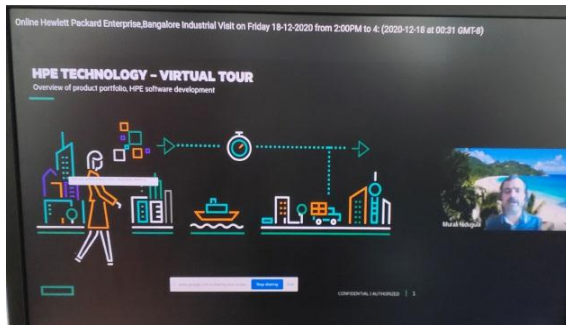


December 17, 2020: Dr.K.Vijayakumar, Head, Department of Computer Applications was invited to deliver a talk on “Semi supervised, Multiclass classification, Ensemble learning and other topics in classification” by NRI Institute of Technology, Agiripalli, Krishna District, Andhra Pradesh, as a part of AICTE sponsored one week Short Term Training Programme on Predictive Analytics using Artificial Intelligence (STTP-PAUI)

December 18, 2020: Dr.Shubha, Muralidhar, Faculty, Department of Management Studies was invited to chair a Technical session in the 5th International Conference on “Survival and Sustenance of Business in the Data Driven Digital Era” by Dayananda Sagar Business Academy, Bengaluru

December 18, 2020: Department of Computer Science & Engineering organized Industrial Visit (virtual) to Hewlett Packard Enterprise, Bengaluru for the students of 5th semester

December 19, 2020: Mechanical Engineering Association (MEA) organized a Guest lecture on “Introduction and importance of EV’s, Electric Vehicle Batteries: Types, Design, and Validation”. The lecture was delivered by Mr.M.Vasantha Kumara, Altair Engineering India Pvt. Ltd.



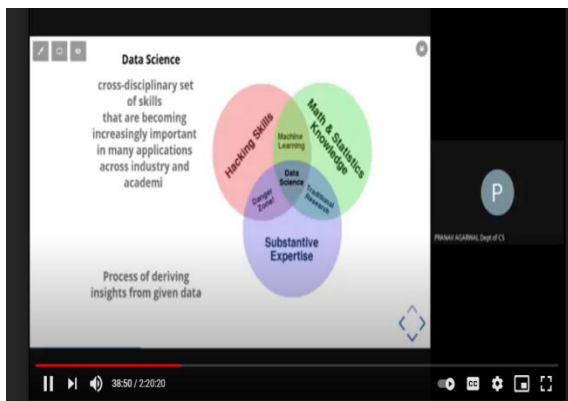
December 19, 2020: Department of Electronics & Communication Engineering organized 3rd monthly lecture under “Smart Materials and Applications (SM & AP)” on “MEMS Sensors”. The lecture was delivered by Prof.M.M.Nayak, IISc, Bangalore



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December 19, 2020: Department of Computer Science & Engineering in association with <CodeIO/> Club organized Three-Day Workshop on “Data Science” for the under-graduate students. Resource person for the workshop was Mr. Pranav Agarwal, Software Engineer, Dexler, Bengaluru



December 21, 2020: Inauguration of First Year B.E. classes (2020 batch) and the Induction Programme (online) was convened. Dr.B.V.Ravishankar, Principal welcomed all the Freshers. Dr.B.S.Ragini Narayan, Donor Trustee & Chairperson, BMSET, Dr.P.Dayananda Pai, Chairman, BOG, Sri.M.Madan Gopal, IAS (Retd.,) and Sri.Aviram Sharma, Trustees, BMSET addressed the students. Dr.S.Muralidhara, Vice Principal delivered vote of thanks



December 19, 2020: Department of Medical Electronics organized workshop on “Technical writing and publishing” for the under-graduate & post-graduate students. The talk was delivered by Dr.Abhishek Appaji, Faculty of the Department & Institutional Coordinator for R&D and Mr.Dhanu Pattanashetti, Senior Client Services Manager, IEEE Bangalore

December 21, 2020: Department of Electronics & Communication Engineering organized free online coaching Program for **GATE 2021** for the students of BMSCE

December 20, 2020: Smt.M.Namratha, Faculty, Department of Computer Science & Engineering along with the students K.Shreyas, Tanmay Goel and Tony J Mathew received appreciation certificate for providing guidance to students in completing the Samsung PRISM worklet

December 21, 2020: Mr.Shrikara Varna, Mr.Amogh Hedge, Mr.K.Vikram and Mr.Govind Satwani, students of Information Science & Engineering presented paper titled “Named Entity Popularity Determination with Ensemble Learning” in the International Workshop on Joint NLP modelling for Conversational AI. This was the outcome of the Samsung worklet carried out under the guidance of Dr.B.R.Shambhavi and Dr.P.Jayarekha, Faculty of the Department



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December 21, 2020: Dr.B.L.Suresha, Faculty, Department of Physics, Mrs.A.V.Ambika & Mrs.N.Navya, Research Scholars, Department of Physics presented a Flash Talk (Poster) Presentations of the Paper titled “Electrochemical Determination of Dopamine Using Multiwalled Carbon Nanotubes” in NCLC 2020 - Technical Program organized by Amity Institute of Applied Sciences, Amity University, Uttar Pradesh from December 21-23, 2020

December 21, 2020: Sri.R.Rahul, Faculty, Department of Mathematics presented research paper titled “An Analytical Study of Drug Dynamics with Effect of non-Dimensional Parameters in Arterial Drug-Eluting Stent” in the (online) Two-Days International Conference on Mathematical Sciences and Computational Intelligence organized by Shri Mata Vaishno Devi University Katra, Jammu & Kashmir in collaboration with the Advance Research Educational Society from December 21-22, 2020

December 22, 2020: Department of Electrical & Electronics Engineering received an additional grant of Rs.1,74,000 for the ongoing project ”Methodology for content development facilitating effective study of Electrical Machines using Mixed Reality” by amendment from Dassault Systems Foundation with Dr.K.Padmavathi as the Project Coordinator

December 22, 2020: Dr.D.Seshachalam. Faculty, Department of Electronics & Communication Engineering was invited to deliver a talk on “Program Educational Objectives” in the Faculty Development Programme (online) on Outcome Based

Education and Research Methodologies by Gokaraju Rangaraju Institute of Engineering and Technology, Hyderabad sponsored by AICTE Margadarshan

December 22, 2020: Dr.V.Prema, Faculty, Department of Electrical & Electronics Engineering and Dr.Anil Chandra & Dr.Suhas, Faculty, Department of Mechanical Engineering submitted a **project titled “Development of a Novel, cost effective Wind/PV micro grid for Tribal Community Living- Phase1” to Dassault Systemes - La Foundation. They received a fund of Rs.9.50 Lakhs for the said project**

December 22, 2020: Department of Information Science & Engineering in association with Hewlett Packard Enterprise organized One-Day Workshop on Awareness on Cyber Security- Industry Perspective. The Speakers were Mr.Srinivas Naika, Quality Automation Specialist, Royal Bank of Scotland Business, Mr.Muralikrishna Nidugala and Mr.Pradhyumna Padhan, Hewlett Packard Enterprise under TEQIP-III

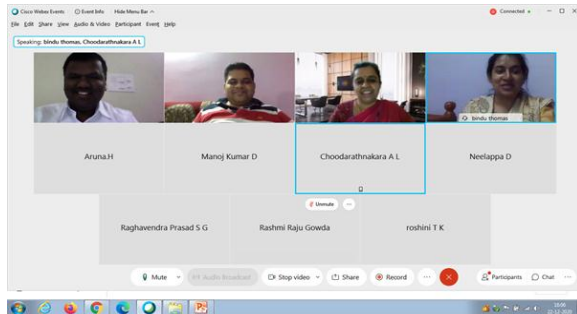




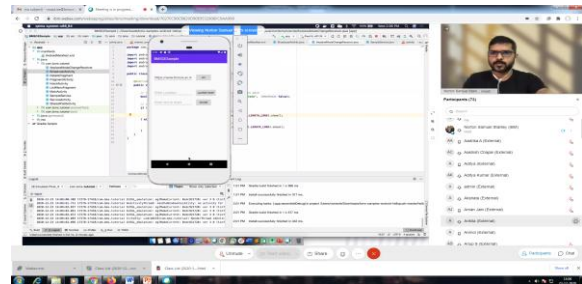
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December 22, 2020: Dr.D.N.Sujatha, Professor, Department of Computer Applications was invited to deliver a Webinar (virtual) on “IEEE Student Branch: Benefits and Opportunities” by Government Engineering College, Kushalnagara



December 23, 2020: Department of Information Science & Engineering organized a session on “Android Application” for the students of 5th semester. Resource person was Mr.Norton Samuel, Advisory Software Engineering, IBM SME, Bengaluru



December 23, 2020: Dean (Academic) and Institutional Coordinator for R&D organized COVID-19 Hackathon from June 5-7, 2020. The teams comprised of students from different disciplines. Prizes were distributed for the 5 winning teams



December 23, 2020: Sri.Sharath Pujar, Faculty, Department of Medical Electronics was invited to deliver hands-on training in the training program on “Image processing using ITK and Vtk” by MSRIT, Bengaluru. The training programme was conducted for the students of 7th semester of Medical Electronics from December 23-24, 2020

December 23, 2020: Dr.B.N.Shubha, Professor & Head, Department of Management Studies delivered an invited talk on “A step by step Guide to Business Plan” for Mechanical Engineering students of BMSCE

December 23, 2020: Dr.Rajath Vasudevamurthy, Faculty, Department of Electronics & Communication Engineering was invited to deliver a talk on “History of Science” in the Student Induction Program for the students of first year B.E. by R.V. Institute of Technology and Management, Bengaluru

December 23, 2020: Dr.G.Chandra Shekara, Faculty, Department of Mathematics was invited as a Resource person to deliver a talk on “Solution of Linear and Nonlinear Differential Equations by using Spectral Collocation Method with MATLAB programming in the (online) Two-Week Workshop on MATLAB in Interdisciplinary Engineering Research by Vimal Jyothi Engineering College, Kannur, Kerala



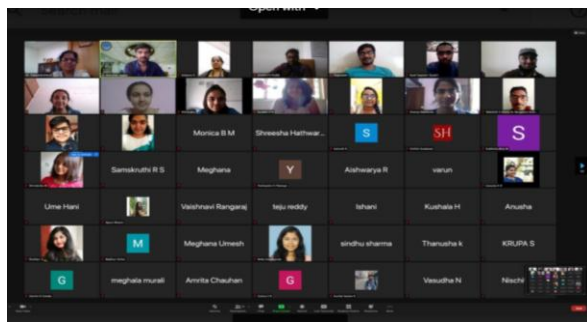
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December 24, 2020: Sri.Murali Krishna, Director (Administration), BMSET and Dr.B.V.Ravishankar, Principal launched TECHBHARAT Hackathon Website

December 24, 2020: Dr.C.Lakshminarayana, Professor, Department of Electrical & Electronics Engineering and his project students submitted a project titled “Energy Conservation & Energy Efficiency or IoT” to Energy Conservation & Energy Efficiency Section, Karnataka Renewable Energy Development Limited (KREDL). They have been granted Rs.50,000/- to carry out the project

December 24, 2020: Dr.K.Vijayalakshmi, Professor & Head, Department of Medical Electronics was invited to deliver a Talk on “Introduction to Signal and its Processing” in the Student Outreach Activity in Signal Processing organized by IEEE Young Professionals Bangalore section in collaboration with Signal Processing society and BMSCE for High School students



December 25, 2020: Dr.Rajeshwari Hegde, Professor, Department of Electronics & Telecommunication Engineering received **IRSD preminent Academic Leader Award** by **Green ThinkerZ, India** during the **5th International Conference on Interdisciplinary Research for**

Sustainable Development 2020 (Virtual IRSD 2020) organized by Green ThinkerZ in association with Western Sydney University, Australia and Wakelet - Manchester UK



December 26, 2020: Dr.Rajeshwari Hegde, Professor, Department of Electronics & Telecommunication Engineering **received a certificate of appreciation from Texas Instruments for fostering the ecosystem, bridging Government, Academia and Industry**

December 28, 2020: Meeting with Chairman, BOG, HOD of ML & Dean (Academic) to review the progress and future plans of the department





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December 28, 2020: MOU was signed between BMSCE (Department of Mechanical Engineering) M/s. Navanidhi High Centrix 5 Pvt. Ltd., Bengaluru for R&D Projects related to Defence Projects

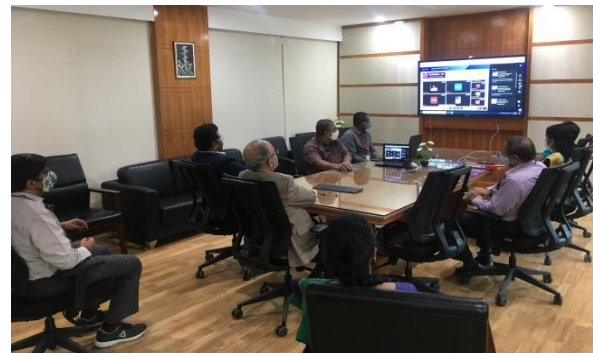


December 29, 2020: Dr.Latha Kumari, Faculty, Department of Physics and Ms.R.Swetha & Mr.M.Uday Kumar, Research Scholars, Department of Physics published Paper titled “Synthesis and characterization of polypyrrole-Ce_{0.05}CoSb₃ nanocomposites” in Materials Today: Proceedings <https://doi.org/10.1016/j.matpr.2020.11.398>

December 28, 2020: Departments of Biotechnology and Medical Electronics organized Three days Virtual workshop on “Immunity boosting - A Wellness Program” from December 28-30, 2020. Eminent speakers were invited from Prameya Health Pvt Ltd and Rishi Herbal Technologies

December 30, 2020: Inauguration of TECHBHARAT Hackathon

December 29, 2020: Dr.H.S.Jagadeesh, Professor, Department of Civil Engineering was invited to co-chair in the inaugural session of the 7th Conference on Transportation Systems Engineering and Management (CTSEM 2020) jointly organized by KSCSTE-National Transportation Planning and Research Centre (KSCSTE-NATPAC) and College of Engineering Trivandrum (CET)



December 29, 2020: Dr.B.V.Ravishankar, Principal and Dr.Mangala Keshava, Director IQAC conducted a mock (online visit) to review the NAAC- SSR of KIET, Ghaziabad affiliated to Abdul Kalam Technological University from December 29-30, 2020

December 30, 2020: Department of Physics in coordination with Dean (First Year) organized a guest lecture on “The Illustrious Life & Achievements of Sir C.V.Raman”. The lecture was delivered by Dr.S.P.Basavaraju Professor, Department of Physics, Bangalore Institute of Technology, Bengaluru



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December 31, 2020: Mechanical Engineering Association (MEA) organized a Guest lecture on “Role of Technology in Agriculture”. The lecture was delivered by Mr.Lokesh Kakarla, Agriculturist and Entrepreneur

December 31, 2020: Department of Electrical & Electronics Engineering organized a Webinar on “Building AI on Low Power ARM Cortex Microcontrollers for IOT Applications” for the students. Resource Person was Mr.Rohit Prajapati, CTO, Digoat Technologies, Bengaluru