



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

**REPORT ON COLLEGE ACTIVITIES – APRIL 2021**

**April 1, 2021:** Smt.R.P.Madhavi, Faculty, Department of Computer Science & Engineering guided Samsung Prism project titled “Drone / AI / ML || Drone for Samsung App and Services Validation” to Mr.J.V.Shashank, Mr.B.T.Rajesh, Mr.A.Swaroop Kumar, students of 6<sup>th</sup> semester CSE and Mr.V.Ashok, student of 8<sup>th</sup> semester ISE as a part of Samsung-MOU. She received a Certificate of Appreciation for guiding the said project

**April 2, 2021:** Department of Information Science & Engineering organized 2<sup>nd</sup> hands-on e-Technical session on “Building an API using Postman” for Under-Graduate and Post-Graduate students. Resource persons were Mr.Sharath Iyengar, Team Head, Special Initiatives and Mr.Ali Mustafa India from Postman.com



**April 3, 2021:** A team of four students of 6<sup>th</sup> semester of Electronics & Communication Engineering Mr.Akhil S Raj, Mr.N.Gowtham, Ms.Nikita R Swadi, Mr.Mark Ashish won the consolation 4<sup>th</sup> prize in the e-Yantra Robotic Competition (eYRC) under Sankatmochan Bot theme conducted through online mode.



**April 3, 2021:** Dr.Silvia Leera Sequeira, Faculty, Department of Mathematics has been awarded Ph.D. Degree from VTU, Belagavi.

**Title of the Thesis:** On Certain Alliances in Graphs.

**April 5, 2021:** Dr.S.B.Bhanu Prashanth, Professor, Department of Medical Electronics along with Ms.B.L.Sujaya, Research Scholar published research paper titled “PHY-DTR: An Efficient PHY based Digital Transceiver for Body Coupled Communication using IEEE 802.3 on FPGA Platform” in the web of science and Scopus indexed International Journal of Advanced Computer Science and Applications

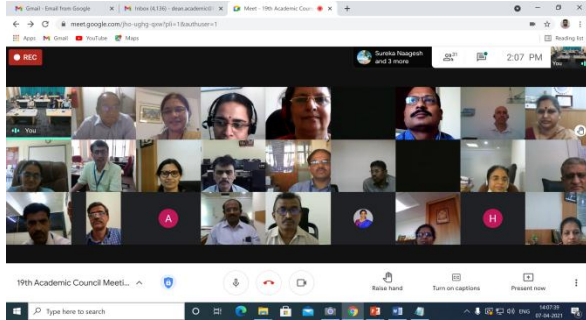
**April 6, 2021:** Dr.M.V.Murugendrappa, Head, Department of Physics published research paper titled “Fabrication, characterization and malaria biomarker VOC - sensing properties of WO<sub>3</sub> - doped polyaniline” in the International Springer Published Journal of Materials Science: Materials in Electronics, Issue 8, 2021, Q2 Journal with Impact Factor: 2.22



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**April 7, 2021:** 19<sup>th</sup> Meeting of the Academic Council was convened to discuss the academic activities



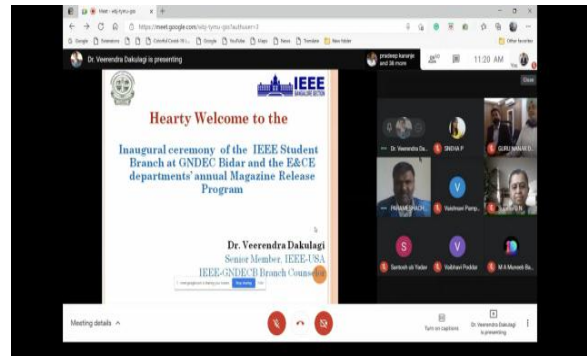
**April 8, 2021:** Dr.V.Prema, Faculty, Department of Electrical & Electronics Engineering co-authored a book titled “Smart Grid-Fundamentals, Design, Technology, Applications, Communications and Security” published by Wiley India Pvt. Ltd. ISBN: 978-93-5425-321-9.

**April 9, 2021:** The Institutional Coordinator for R&D Dr Abhishek Appaji apprised the activities of R&D Centre and the achievement during the year to College Council Members.



**April 9, 2021:** Dr.G.Giridhara, Professor, Department of Mechanical Engineering was nominated as Member of the NBA Expert Committee to evaluate one of the Engineering College in Tamil Nadu from April 9-10, 2021.

**April 9, 2021:** Dr.D.N.Sujatha, Professor, Department of Computer Applications was invited as Guest of Honour for the inaugural function of IEEE student branch by Guru Nanak Dev College of Engineering, Bidar. She also delivered a lecture on “Best Practices in IEEE SB”



**April 9, 2021:** Dr.Kalyan Raj, Professor & Head, Department of Chemistry was invited as Research Advisory Committee member to evaluate the research progress presentation by Presidency University.

**April 10, 2021:** Department of Information Science & Engineering organized Pre-Thesis-submission colloquium of Research Scholars Mr.P.Suresh and Mrs.M.K.Nalini under the guidance of Dr.K.Radhika, Faculty of the Department.

**April 10, 2021:** Department of Management Studies in association with Active Edu Technologies India Pvt. Ltd., organized a Workshop on “Introduction to Microsoft Excel” for the students of 1<sup>st</sup> semester as a part of Audit Course, Microsoft Excel for Manager-1.



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**April 12, 2021:** Smt.S.Lalitha, Faculty, Department of Electronics & Communication Engineering published research paper titled “An Automated Lung Cancer Detection System Based on Machine Learning Algorithm” in the Journal of Intelligent & Fuzzy systems.

**April 15, 2021:** Mr.Shravan M Nagesh (Alumni - 2011 batch) has been appointed as Justice of the Peace (JP) in the State of New South Wales, Australia after passing the JP exam with 100 percent marks. He was nominated by a Member of Parliament following which the Governor of the State of New South Wales approved his appointment.

**Appointed as Justice of Peace in Australia**

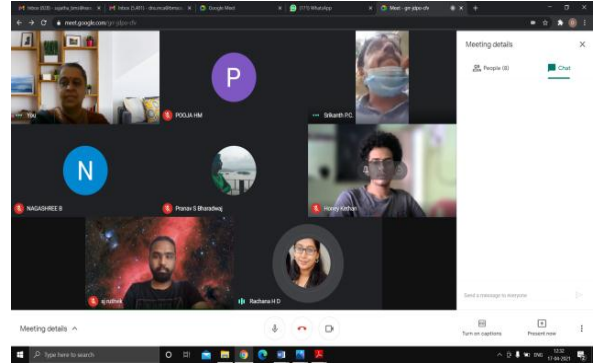
Mysuru, Apr. 15- Shrvan Manjunath Nagesh, a native of Kodagu, has been appointed as Justice of the Peace (JP) in the State of New South Wales, Australia. He took Oath of Office in Court during February 2021. After passing the "Justice of the Peace" exam with 100 percent marks, Shrvan was nominated by a Member of Parliament (MP) following which the Governor of New South Wales State approved his appointment. A native of Gonikoppal, Kodagu, 28-year-old Shrvan was born to Nagesh Krishna and Deena Nagesh. As his father was working as a Senior General Manager at a Multi-National Company in Sydney, Australia, Shrvan did his basic education



**Shrvan Manjunath Nagesh** at Australia and completed his graduation in Mechanical Engineering at BMS Engineering College in Bengaluru. His mother Deena is a realtor. Shrvan is the grandson of late B.S. Ganesh Kumar, Joint Director of Agriculture, Mysuru district.

**April 16, 2021:** Dr.Geetishree Mishra, Faculty, Department of Electronics & Communication Engineering was invited to deliver a talk on “Data Analytics using Artificial Intelligence and Machine learning” in the one week Faculty Development Program by HKBK College of Engineering, Bengaluru.

**April 17, 2021:** Dr.D.N.Sujatha, Professor, Department of Computer Applications was invited to deliver a lecture on “Staying Relevant with IEEE” by Malnad College of Engineering, Hassan.



**April 17, 2021:** Dr.B.Mallikarjuna, Faculty, Department of Mathematics was invited to deliver a talk on “Eigen Values and Eigen Vectors” in the Three Days Faculty Development Programme on Engineering Statistics & Linear Algebra by Sri Jagadguru Chandrashekaranatha Swamiji Institute of Technology, Chikballapur.

**April 20, 2021:** College Council Meeting was held to discuss regarding academic activities and conduction of online class.







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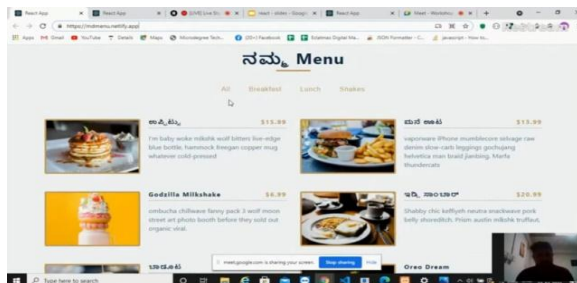
**April 20, 2021:** Department of Industrial Engineering & Management organized webinar on “Sustainability Engineering / Clean Technology Club Innovation Projects”. Mr.K.P.Murthy, Vice Chairman, Bamboo Society of India and Founder of Clean Technology Club of India was the Resource person.

**April 20, 2021:** Dr.R.Kalpana, Faculty, Department of Medical Electronics published research paper titled “Clinical Data Analysis during a Pandemic - A Covid-19 Example” in the Journal of Huazhong University of Science and Technology, ISSN-1671-4512.

**April 22, 2021:** BMSCE QIP / NDF Centre in association with BMSCE Research & Development Centre organized a Webinar on “Design & Analysis of Experiments for research” from April 22-23, 2021.

**April 22, 2021:** Department of Medical Electronics organized a lecture on “Medical Devices Development”. The Guest speaker was Mr.Sharath Bhatt (Alumnus), Mahalasa Technologies, Bengaluru.

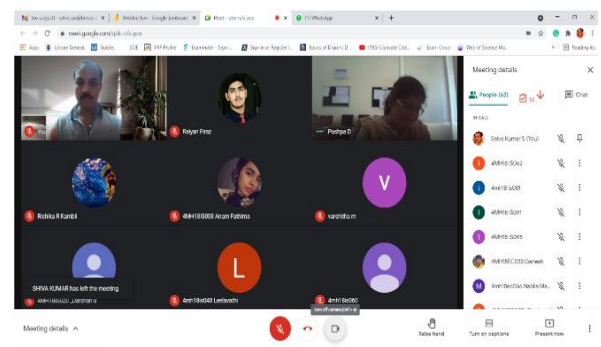
**April 22, 2021:** Department of Computer Applications in association with BITES organized a hands on workshop on “Build and Deploy React JS application”. Resource person was Mr.Manikanta Nair, CEO and Co-Founder, Micro Degree.



**April 23, 2021:** The following faculty and M.Tech students of the Department of Electrical & Electronics Engineering presented research paper in the International Conference iSMaRT 2021.

- **Dr.V.Prema, Dr.A.N.Nagashree and Dr.R.S.Geetha, along with M.Tech student Mr.C.Ramachandra Rao presented paper titled “Development of Virtual Lab Module for Wind and Solar Energy Systems using 3DEXPERIENCE Platform of Dassault Systems”.** The paper has also been accepted for publication in Elsevier Materials Today Proceedings.
- **Dr.R.S.Geetha and Dr.A.N.Nagashree along with M.Tech students Ms.S.Shilpashree and Mr.Chiranjeevi presented paper titled “Modelling and Simulation of HVDC and FACTS systems using 3DEXPERIENCE platform of Dassault Systems”.**

**April 23, 2021:** Dr.S.Selva Kumar, Faculty, Department of Computer Science & Engineering was invited as expert to conduct a webinar on “Mobile Application Development” by Maharaja Institute of Technology, Mysuru.





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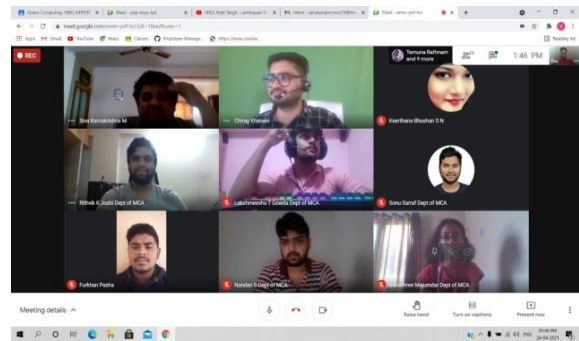
**April 23, 2021:** Dr.Rajeshwari Hegde, Professor, Department of Electronics & Telecommunication Engineering published research paper titled “**Analysis and Comparison of Vehicular Adhoc Network Protocols using NS3**” in **Journal of Huazhong University of Science and Technology, Scopus indexed journal with ISSN-1671-4512, Vol 50, issue 4, April 2021.**

**April 23, 2021:** Department of Mathematics organized open seminar-1 in respect of Ms.M.Santoshi Kumari, Research Scholar on her research work on “**Studies on Natural Cubic Splines to Boundary Value Problems of Differential Equation**” under the guidance of Dr.H.Y. Shrivalli, and Dr.B.Mallikarjuna, Faculty (Co-Guide) of the Department.

**April 24, 2021:** Asha KS, and Dr.Rajeshwari Hegde, Professor, Department of Electronics & Telecommunication Engineering published research paper titled “**Intelligent Vehicular Traffic Signal Control for Vehicular AdHoc Networks**” in the **International Journal of Advanced Trends in Computer Science and Engineering, Volume 10, No.2, March - April 2021.**

**April 24, 2021:** Department of Electronics & Telecommunication Engineering organized an alumni interaction (online) with the Batch Graduated in 2019 to provide career guidance to students of the department and to provide a platform for direct interaction of the students with their alumni. The discussion was focused on the importance of Internships, Projects, CGPA and Placements.

**April 24, 2021:** B.S.Narayan Centre for Advanced Learning & Software Development Team in association with Department of Computer Applications conducted a webinar on “**The Power of Automation in Software Industry**”. Resource person was Mr.Chirag Khimani, Senior Automation Engineer, HSBC.



**April 27, 2021:** Dr.B.V.Ravishankar Principal was invited as Distinguished Speaker at the IDA Online Round Table Discussion on the theme “**Education & Employability: A Twining Approach**”.

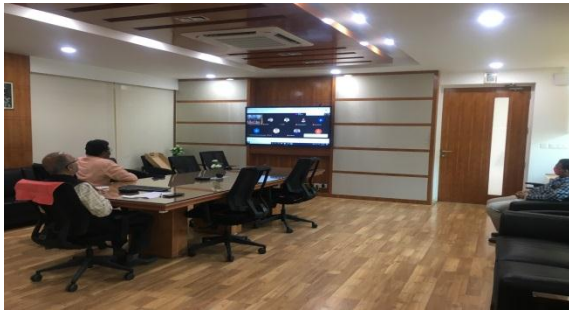


**April 27, 2021:** College Council Meeting to discuss regarding academic activities and conduction of online classes during lockdown.



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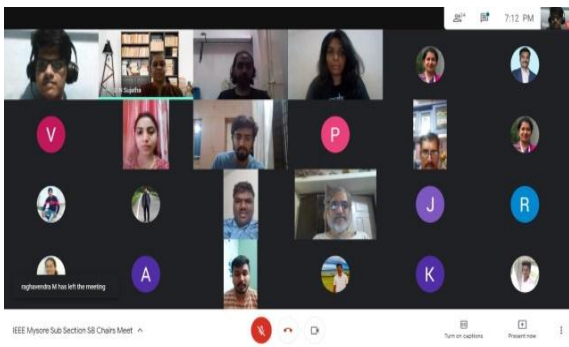
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**April 27, 2021:** Dr.Venkaatesh T. Lamani, Faculty, Department of Mechanical Engineering was invited to deliver Technical talk (online) on “Impact of Energy efficiency” at AICTE – ISTE Refresher Program on Thermal Engineering (Phase-3) by Kalpataru Institute of Technology, Tiptur.

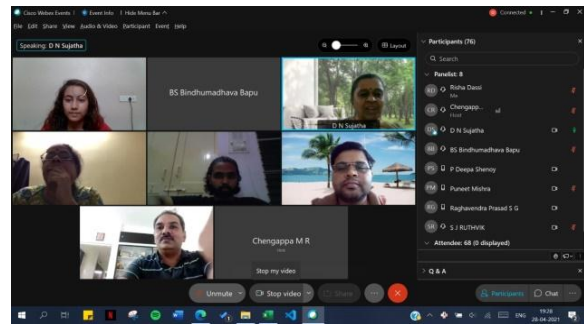
**April 27, 2021:** Dr.P.M.Gnanendra, Faculty, Department of Aerospace Engineering was invited to deliver Technical talk (online) on “Impact of Energy efficiency” in the AICTE–ISTE Refresher Program on Thermal Engineering (Phase-3) by Kalpataru Institute of Technology, Tiptur.

**April 27, 2021:** Dr.D.N.Sujatha, Professor, Department of Computer Applications was invited to deliver a lecture on “Best Practices in IEEE SB” in the virtual IEEE Mysore Subsection SB Chairs meet



**April 28, 2021:** Dr.Surekha Naagesh, Professor, Department of Civil Engineering published research paper titled “Use of Biosensors for assessing Soil Stabilization with MICP-Review” in SPRINGER Proceedings of 7<sup>th</sup> ICORAGEE 2020, ISSN 2366-2557, ISBN 978-981-33-000-8.

**April 28, 2021:** Dr.D.N.Sujatha, Professor, Department of Computer Applications was invited to participate in a panel discussion on “Opportunities in IEEE SB” at BC Meet 2.



**April 28, 2021:** IEEE Power and Energy Society (PES) BMSCE Student chapter on the occasion of PES Day 2021 organized a webinar on “India’s Clean Energy Scenario and Opportunities in the Future”. Resource person was Mr.Deepak Krishnan, Associate Director, WRI, India. During the occasion Action 2 Auction & Design – Poster Making Competition for the students was also conducted.

**April 28, 2021:** Pentagram the Mathematical Society of BMSCE in collaboration with IEEE BMSCE PES Council and IEEE PES organized an (online) event Action 2 Auction on the occasion of PES day.



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**April 29, 2021:** Department of Information Science & Engineering organized a lecture on “Context Free Grammar”. The lecture was delivered by Prof.Anitha Sandeep, Assistant Professor, Department of CSE, RVCE, Bengaluru.

**April 30, 2021:** Dr.Saisha V., Faculty, Department of Biotechnology along with Dr.Suma, Faculty, Department Medical Electronics and Mr.Ravichander, Excel Now technologies developed a prototyping of breathe analyzer.

**April 30, 2021:** Dr.C.Sampath, Faculty, Department of Chemistry along with other inventors filed application bearing No.202141017921 for **Indian Patent for their research titled “Click chemistry synthesis of novel 1,2,3-triazole-thieno-[2,3-d]-pyrimidine analogues: in silico evaluation docked against antioxidant targets: PDB: 1HD2, 2HCK and 3NM8”**.

**April 30, 2021:** Dr.Silvia Leera Sequeira, Faculty, Department of Mathematics published **research paper titled “Neighborhood Alliance in Join of A Graph With  $K_1$  in the Journal of Mathematical and Computational Science, Vol.11, No.3, pp:2624-2649, ISSN:1927-5307, <https://doi.org/10.28919/jmcs/5214>**.

**April 30, 2021:** Dr.Veena Jawali, Professor, Department of Mathematics published **research paper titled “Effect of Thermal Radiation on Double Diffusive Convection in a Rectangular Cavity” in Complex Systems and Complexity Science Journal, Volume 8, Issue 4, ISSN: 1672-3813**.