



B.M.S. COLLEGE OF ENGINEERING, BENGALURU-19
(Autonomous Institute, Affiliated to VTU)

DEPARTMENT OF ELECTRICAL & ELECTRONICS
ENGINEERING

Faculty Achievements during the year July 2025- June 2026

Dr. PADMAVATHI K.

1. Invited as judge for the project exhibition on 11.4.2026 at BNMIT, Bengaluru.



Dr. R.S. Geetha

1. Dr. R S Geetha was invited for an expert lecture on “ Multi level converters for Electric Vehicle Applications” at AICTE ATAL Sponsored FDP on “Recent Trends and Technologies in Electric Vehicles”, on 19th August 2025 at MRIT Campus, Mandya, Karnataka



2. Dr. RS Geetha, Professor, HoD, EEE as part of Induction program, guideline given to first year students about department , Facilities, Introducing Faculty &Staff, Overviewing scheme of study and scope of branch. On 8th sep 2025
3. Dr. RS Geetha, Professor, HoD, EEE as part of Induction program, briefing on proctoring , review of the academic rules and regulations and doubt clarifications.



Dr. Chandasree Das

1. Dr. Chandasree Das, Professor in the Department of EEE has delivered an online invited talk on Phase change memory materials: Materials for next generation memory technology in the Faculty Development Program on “Nanoelectronics and Photonics for Next GEN Devices”, jointly organized by Departments of Electronics and Communication Engineering and Electrical & Electronics Engineering, Global Academy of Technology, Bengaluru.
2. Dr. Chandasree Das Professor, Department of EEE, attended and presented a paper in the Society of Glass Technology Annual Conference - 2025 Glass East and West held from September 1st to 3rd 2025 at Murray Edwards College, Cambridge University, Cambridge. UK



3. Dr. Chandasree Das, Professor in the Department of EEE has attended Emerging Science, Technology and Innovation Conclave (ESTIC) 2025 at Bharat Mandapam, New Delhi as a Senior Science and Technology Leader. On 3rd to 5th Nov 2025



4. Dr. Chandasree Das, Professor, Department of EEE was invited to chair a session in the International Conference on Applied Sciences and Advanced Materials, organised by BNM Institute of Technology, Bangalore from November 28th-29th 2025.



Dr Nethravathi S

1. Dr. Nethravathi S, Associate Professor, EEE presented a paper titled “Demand Response in an educational building using long short-term memory network and genetic algorithm” at the IEEE SeFet 2025 conference, from July 9–12, 2025, at MNIT Jaipur, Rajasthan, India.
2. Shivaganganna N, co-authored a paper titled “Analysis and design of stand-alone DFIG employing a battery-single inverter arrangement” in *Wind Engineering*. 2025;0(0). doi:[10.1177/0309524X251371405](https://doi.org/10.1177/0309524X251371405) on 29th Aug 2025

Dr Umavathi

1. **Dr. Umavathi.M, Associate Professor, Dept. of EEE** was invited as the “IQAC SEE Question Paper Quality Audit (External)” at Dayananda Sagar College Of Engineering, Bengaluru. on 17th sep 2025



2. **Dr. Umavathi.M, Associate Professor, Dept. of EEE** coordinated the GREENOVATE IDEATHON in collaboration with IEEE SSIT Bangalore chapter.on 19th sep 2025



3. **Dr. Umavathi.M, Associate Professor, Dept. of EEE** coordinated the Technical Track of the Young Professionals' Meet bridges academia and industry to inspire the next generation of engineers in collaboration with IEEE SSIT. On 20th sep 2025



4. Dr. UMAVATHI.M, Associate Professor in the Department of Electrical and Electronics Engineering Organized/Coordinated a Technical Talk by an Industry expert Dr. Rekha .C.M, Project Engineer, ACSIS India Pvt. Ltd. titled “Overview of Distributed Generation , Electric Vehicles and Optimisation Techniques” to VII semester students at BSN hall ,PG block, Bengaluru. on 3rd oct 2025



5. Dr. UMAVATHI.M, Associate Professor in the Department of Electrical and Electronics Engineering was invited for a ISTE sponsored Technical Talk on “Overview of Smart Grid Technologies” at Dr. Ambedkar Institute of Technology (Dr. AIT), Bengaluru.on 8th oct 2025



6. Dr. Umavathi.M, Associate Professor in the department of EEE, and Secretary of B.M.SCE IEEE SSIT on account of 2nd phase Induction program for 2nd Semester EEE students IEEE SSIT Technical Talk was organised on “Career Building and Careers in Sustainable Technologies” at Sir M.V.Hall, 1st Floor PG Block from 2PM to 3.15 PM. On 23 Feb 2026



Dr. Venkatesh B

1. Venkatesh B, co-authored a paper titled “Analysis and design of stand-alone DFIG employing a battery-single inverter arrangement” in *Wind Engineering*. 2025;0(0). doi:[10.1177/0309524X251371405](https://doi.org/10.1177/0309524X251371405) on 29th Aug 2025

Dr. Prema V

1. Dr. Prema V, associate professor, Dept. of EEE was invited as the chief guest for the inauguration of IEEE PELS SBC at Global Academy of Technology, Bangalore on 2nd sep 2025



2. Dr. Prema V, associate professor, Dept. of EEE was invited as the Resource Person for the ANRF sponsored National Seminar on “Research Potential in Power Electronics Converters for Renewable Energy” on the topic “Advancements in Power Electronics with Wide Bank Gap Device” at The New Horizon College of Engineering, Bangalore on 17th sep 2025



3. Dr. Prema V, associate professor, Dept. of EEE was invited as the chief guest and the judge for ideathon evaluation during the ‘Student Congress’ held at Dayananda Sagar College of Engineering, Bangalore on 27 sep 2025



4. Dr. Prema V, Associate Professor, Department of EEE was invited as a panelist for the panel discussion on Emerging Trends in Power Electronics’ as a part of the Technical Symposium conducted at Vemana Institute of Technology, Bangalore on 9th oct 2025



5. Dr. Prema V, Associate Professor, Department of EEE was invited to receive the Best Large chapter award presented to IEEE Power Electronics Society, Bangalore Chapter during the conference ECCE 2025 at Pennsylvania Convention Centre, Philadelphia, USA on 21st oct 2025



6. Dr. Prema V, Dr. [Soniya Agrawal](#) and Prof. Chaitanya L, faculties of Dept. of Electrical and Electronics Engineering organised A Two-day National Symposium on “Emerging Trends in Sustainable Mobility & Transportation 2025 in collaboration with Dept. of Electrical and Electronics Engineering and IEEE IES Bangalore chapter at BMSCE. The event witnessed more than 80 participants from various colleges in Karnataka. Technical talks, Ideathon competitions, panel discussion and quizzes were conducted as a part of this event



7. Dr. Prema V, Associate Professor, Dept. of Electrical and Electronics Engineering was invited as Guest of Honour for National Level Student Symposium at Sairam College of Engineering, Bangalore. On 27th Nov 2025



8. Dr. Prema V, Faculty, Department of Electrical & Electronics Engineering delivered a technical talk on ‘Advanced Power Electronics’ at Sathagiri-NPS University on 8th Dec 2025



9. Dr. Prema V, Faculty, Department of Electrical & Electronics Engineering was invited as the Chief Guest for the inauguration of IEEE PELS Student Branch chapter at SSIT, Tumkur on 16th Dec 2025



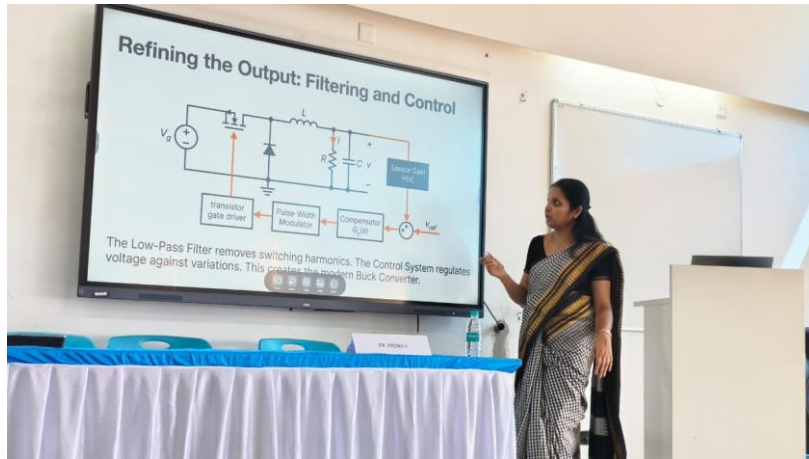
10. Dr. Prema V, Faculty, Department of Electrical & Electronics Engineering participated in IEEE IES Asia Chapter Chair Meetup in KIIT, Bhubaneswar on 13th Dec 2025



11. Dr. Prema V, Associate Professor, Department of Electrical & Electronics Engineering was invited to attend Board of Studies (BOS) Meeting at Christ University, Bangalore on 30th Jan 2026



12. Dr. Prema V, Associate Professor, dept of Electrical & Electronics delivered a session during one day workshop on 'Application of Development boards in industrial electronics and power electronics' at Presidency University, Bangalore on 20th Feb 2026



13. Dr. Prema V, Associate Professor, dept of Electrical & Electronics delivered keynote address during an IEEE Symposium on “Power Electronics and Artificial Intelligence” at Reva University, Bangalore on 26th Feb 2026



14. Dr. Prema V, Associate Professor, Dept. of Electrical & Electronics served as chief guest for the inauguration of Student Congress 2026 at RNS Institute of Technology. On 29th April 2026



Dr. Soniya Agrawal

1. Dr. Soniya Agrawal, Assistant Professor, Department of EEE served as a track chair and reviewer in IEEE Connect, organised by the IEEE Bangalore section in the Serling Mac hotel, Bangalore, from 11th to 13th July 2025.



2. Dr. Soniya Agrawal, Assistant Professor, Department of EEE received her Ph.D. degree at the 21st Convocation of NIT Tiruchirappalli, Tamil Nadu, held on 26th July 2025.
3. Department of Electrical and Electronics Engineering, in association with IEEE PELS Bangalore section, organised an Extension Lecture on “Power Converter for Grid Connected PV System” for M.Tech Power Electronics students on 22nd July 2025. Dr. Soniya Agrawal, Assistant Professor, EEE, has coordinated the event.



4. Dr. Soniya Agrawal, Assistant professor, Dept. of EEE was invited as judge for project competition during the IEEE PELS ‘Student Congress’ held at Dayananda Sagar College of Engineering, Bangalore. On 27th sep 2025



- Dr. Soniya Agrawal, Assistant Professor in the Department of Electrical and Electronics Engineering was invited as a guest for IEEE PELS and IES SBCs Inauguration at Department of ECE, Presidency University , Bengaluru.on 31st oct 2025



- Dr. Soniya Agrawal and Dr. Prema V co-authored the paper “Comparative Analysis of EMI in Full-Bridge Inverters with Si and SiC Power Devices” with 7th semester UG students, presented at the 4th IEEE International Conference on Power Electronics, Smart Grid, and Renewable Energy (PESGRE 2025), December 19, 2025, IIT Dharwad, Karnataka, India.
- Dr. Soniya Agrawal, Assistant Professor, Dept. of Electrical & Electronics, received the "IEEE IES CHAPTER OUTSTANDING EX-OFFICIO AWARD - 2025" and BMSCE PELS SBC as best SBC AND highest membership AWARD - 2025 at the PELS and IES Bangalore chapter AGM held in Vemana Institute of Technology, Bangalore. On 21st Feb 2026

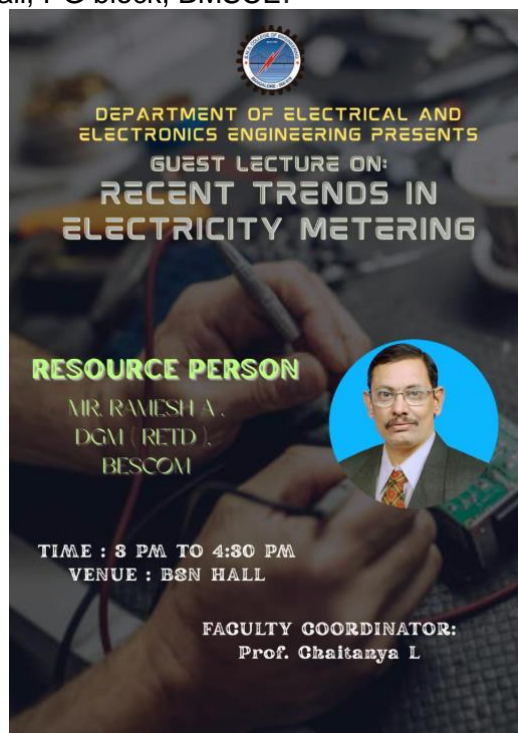


Prof. Chaitanya L

1. Prof.Chaitanya L , Assistant professor, Dept. of EEE was invited as the judge for ideathon evaluation during the ‘Student Congress’ held at Dayananda Sagar College of Engineering, Bangalore 27 sep 2025



2. Department of Electrical and Electronics organized an extension lecture on "Recent trends in electricity metering" by Mr.Ramesh A ,DGM(retd), Bescom on 4th November 2025 at 3 pm in BSN Hall, PG block, BMSCE.



Dr. Prakash D.B

1. Dadadahalli Basavaraju P., co-authored a paper titled “Analysis and design of stand-alone DFIG employing a battery-single inverter arrangement” in *Wind Engineering*. 2025;0(0). doi:[10.1177/0309524X251371405](https://doi.org/10.1177/0309524X251371405) on 29th Aug 2025

Dr. Venkata Madhava Ram Tatabhatla

1. **Dr. Venkata Madhava Ram Tatabhatla** presented a paper titled “An Optimal Compensation Topology to Improve Efficiency in Bidirectional Wireless Power Flow Systems” authored Venkata Madhava Ram Tatabhatla, Ravulakari Kalyan and Nindra Sekhar was presented in the 2025 IEEE 4th International Conference on Smart Technologies for Power, Energy and Control (STPEC 2025), organised by the Department of Electrical and Electronics Engineering, National Institute of Technology Goa, held from 10th –13th December 2025.



Dr. Ravulakari Kalyan

- 1 Ravulakari K, co-authored a paper titled “Analysis and design of stand-alone DFIG employing a battery-single inverter arrangement” in *Wind Engineering*. 2025;0(0). doi:[10.1177/0309524X251371405](https://doi.org/10.1177/0309524X251371405) on 29th Aug 2025
- 2 Dr. Ravulakri Kalyan Asst. Professor, EEE coordinated for a one week induction programme 2025 from 8-13 September 2025 as part of induction program, sessions are given by alumni of BMSCE, EEE
 - i. Kishan Malur, Product management coach and a career coach
 - ii. Chiranth S,
 - iii. Jnaneshvar.P, Assistant Executive Engineer, Greater Bangalore Authority
- 3 Ravulakari Kalyan,co-authored an article titled Experimental Validation of a Solar-Wind-Biomass Hybrid System with FPGA-Controlled Battery Integration in *Engineering Research Express* journal on 1st Feb 2026

Dr. Nindra sekhar

1. **Nindra S**, Boddapati V, Natarajan K, Shivanaganna N, Ravulakari K, Dadadahalli Basavaraju P. published a paper titled “Analysis and design of stand-alone DFIG employing a battery-single inverter arrangement” in *Wind Engineering*. 2025;0(0). doi:[10.1177/0309524X251371405](https://doi.org/10.1177/0309524X251371405) on 29th Aug 2025
2. An article titled Experimental Validation of a Solar-Wind-Biomass Hybrid System with FPGA-Controlled Battery Integration was published by Nindra Sekhar, Ravulakari Kalyan, Venkatesh Boddapati in *Engineering Research Express* journal on 11.12.2025

3. Nindra Sekhar Ravulakari kalyan and Venkatesh Boddapati, “Experimental study and control strategy of wind-driven DFIG and solar PV for sustainable power generation” published an SCI article in Computers and Electrical Engineering journal, Elsevier on 1st Feb 2026

Prof. Sharad Darshan H.C.

1. Coordinated EEE dept. event, **BMSCE Open House / Project Exhibition**

