

Faculty Profile

<h2>Faculty</h2>	<p>Mr.S.M.JAANAKI Assistant Professor East Point College of Engineering & Technology</p>
	<p>Profile*</p> <p>Mrs.S.M.JAANAKI is Pursuing Ph.D at Amrita college of Engineering and Technology and holds a M.Tech degree in Power Electronics and drives from SASTRA University,Tanjore,Tamilnadu, B.E. degree in Electrical and Electronics Engineering from Sona College of Engg. & Tech. Tamilnadu.</p> <p>She has worked at institutions such as MVJ college of Engineering ,Bangalore, JJ college of engineering and Technology,Tamilnadu as Assistant Professor . A passionate teacher with more than 10 years of experience in Academics. She has Successfully guided many students final year projects and received VTU grant one time for a student project.Her area of research includes Electric Vehicle ,Battery management system,Power electronic converter design,Renewable energy etc..</p> <p>Journals</p> <ul style="list-style-type: none"> • “Simulation of Standing wave Thermoacoustic prime mover using DeltaEC”, IJRAR- International Journal of Research and Analytical Reviews, 2018 VOLUME 5 ISSUE 3 JULY – SEPT 2018, [VOLUME 5 ISSUE 3 JULY – SEPT 2018] e ISSN 2348 –1269, Print ISSN 2349-5138, Cosmos Impact Factor 4.236. • “Performance Enhancement Of Solar Panel Using Dual Axis Solar Tracker”,,2021,IEEE,ic di3C,A research journal at the Fifth International Conference on “Design Innovation for 3Cs- Compute,Communicate,control”In association with IEEE computer society. • “Comparison between solar powered SEPIC and Buck Boost converter fed DC drive”, presented at the 7 th International conference on contemporary Engineering and Technology, 2019 and Published in International journal of Science and Innovative Engineering and Technology” <p>Achievements / Awards / Recognitions/projects guided</p> <p>Projects guided are,</p> <ul style="list-style-type: none"> ○ Design and implementation of a quad output flyback converter using MATLAB.

- Domestic windmill with Bowl type construction.(Hardware designed using Solid edge software)
- Voice Controlled Wheelchair using Arduino.
- Performance enhancement of a Dual Axis Solar Tracker system(DAST)using Arduino(Hardware designed using Solid edge software)
- Attended Workshop on “**Inculcating Universal Human Values in Technical Education**” organized by All India Council for Technical Education(AICTE) from 3 May, 2021 to 7 May, 2021.
- Faculty Development Programme on “**Research Challenges in Renewable Energy Technologies**”, Organized by the Department of Electrical and Electronics Engineering, New Horizon College of Engineering, Bengaluru in association with IEEE NHCE Student Branch Chapter from 14.09.2020 to 20.09.2020
- Faculty development program on “**Power Utilities and Artificial Intelligence - Leveraging the Data** An AICTE sponsored program.(23rd-28th NOV 2020).
- Actively Participated in a Webinar on "**Energy Efficiency in Electric Drives**" on September 19, 2020 organised by Department of Electrical and Electronics Engineering, IEEE PELS Student Branch Chapter, Amrita School of Engineering, Bengaluru.
- Attended Workshop on “**solar photovoltaics and its application**” ,2018,at IISC,Bangalore.
- Attended Workshop on “**solar photovoltaics**” ,2012,at National Institute of, Trichy,Tamilnadu
- Funds Received (Projects): KSCST project received for a final year student project “Voice Controlled Wheelchair using Arduino”.



East Point Campus – “Jnanaprabha”, Virgo Nagar Post, Bangalore-560049, Karnataka, India
Website Contents
