

FACULTY PROFILE

Faculty Name: Shaik Masum Basha

Faculty Photo:



Faculty Description:

S. Masum Basha is the Professor, Department of Electrical and Electronics Engineering at Dr.K.V.Subba Reddy Institute of Technology, Kurnool.

Profile Tab:

Qualification

Qualification	Institution	Year
Bachelor's degree	VTU KARNATAKA	2005
Master's degree	SKU ANANTHAPURAMU	2009
.Ph D	JNTUA, Ananthapuramu	Pursuing

Experience

Designation	Institution	From	To
Assistant Professor	Indira priyadarshini college of Engg & Tech for women , Kurnool.	2009	2011
Assistant Professor	Brindavan Institute of Technology & Science, Kurnool.	2011	2020
Assistant Professor	DR.K.V Subba Reddy Institute Engg & Tech, kunool.	2020	till date

Awards / Achievement

- Till now 12 B.Tech projects Guided.
- Guided the students to design a Solar car in EEE department.
- Working as an incharge HoD in Brindavan Institute of technology and Science, Kurnool.
- Worked as an incharge HoD for two years in Indira priyadarshini college of engineering and technology for women,Kurnool.
- Actively participated in NAAC work in Brindavan Institute of technology and Science,Kurnool.

• Responsibilities Tab:

- Time Table in charge
- Convener of Anti ragging committee
- Convener of Student Alumni committee.

Teaching Tab:

Expertise / list of subjects handled

- Power Electronics
- Electrical Machines
- Power Semiconductor Drives
- Basic Electrical Engineering
- MATLAB in Power electronics.

Research Tab:

Power Electronics

- Research scholar (External) Under supervision of Prof. K.Nagaraju in Srinivasa Ramanujan Institute of Technology –Ananthapuramu.

Publications tab:

- Controlling of Cascaded Voltage Source Two Level Inverter Based Grid Connected PV System by Using SVPWM and Quadratic Boost Converter in International Journal of Electrical and Electronics Research (Scopus), Volume 10, Issue 3 | Pages e-ISSN: 2347-470X in 25-09-2022.
- Performance of Dual Inverter Based on Sinusoidal and Space Vector Pulse Width Modulation Techniques for Grid Connected Systems in International journal of special education (WOS), Vol.37, No.3, 2022 Page No 13746 -13756,ISSN: 0827-3383.

- A Simulation Study of DC to DC Converter Topology suitable For Photovoltaic Interface in TEST ENGINEERING AND MANAGEMENT with Volume 83, ISSN: 0193-4120 in April 2020.
- A Study of nature of the Photovoltaic modules under the influence of partial shading effect in International Journal of Advanced Engineering, Management and Science (IJAEMS) [Vol-2, Issue-3, March- 2016] Infogain Publication infogainpublication.com) ISSN : 2454-1311 www.ijaems.com Page
- A Comparative Approach of Selecting a Suitable Power Conditioner for Photovoltaic Power Systems in IOSR Journal of Electrical and Electronics Engineering (IOSR-JEEE) e-ISSN: 2278-1676, p-ISSN: 2320-3331, Volume 10, Issue 4 Ver. I (July – Aug. 2015), PP 42-47 www.iosrjournals.org DOI: 10.9790/1676-10413742 www.iosrjournals.org .
- A Novel Online Fuzzy Control Method Of Static Var Compensation For An Effective Reactive Power Control Of Transmission Lines in GJTE-Vol(1)-Issue(2) Sep 2014 www.gjte.in Global Journal of Trends in Engineering 11 e- ISSN: 2751-2009.
- Five-Level One-Capacitor Boost Multilevel Inverter for Grid-Connected PV System- Journal of Nonlinear Analysis and Optimization: Theory & Applications, Vol. 12, No. 2, (2021).
- Electric Vehicle Regenerative Braking Powered by a BLDC motor-Material Science and Technology, Vol.22 No.08, Aug, 2023.
- Modelling and Design of Multilevel Converters with Symmetrical Half-Bridge sub modules and Sensor less Voltage Balance.- POSITIF Journal, Vol 22, Issue 9, 2022.
- Electric Vehicle Application based Fuzzy with Vector Control Controlled High speed SRM in Turkish Journal of Computer and Mathematics Education (TURCOMAT), Vol.11 No.2 (2020), 762-767.

FDPs and STTPs Tab :

1. Participated in AICTE sponsored six days online ‘Short Term Training Program (STTP)’ on "Automation Technologies - Phase 2" from, April 5th - 10th, 2021. Conducted by, Department of Electrical and Electronics Engineering & Centre of Relevance and Excellence (CORE), Ajay Kumar Garg Engineering College.
2. Participated in AICTE sponsored one week Online Short Term Training Programme (STTP) on “ Power Systems and Power Electronics for Green Energy ”, held by Department

of EEE, Vignan's Institute of Engineering for Women, Visakhapatnam, during 20-09-2021 to 25-09-2021.

3. Participated in the Training Program/FDP on "Art of Writing Research Paper- Methods & Solution (Advance Tools and Techniques for Research Methodology) organized by Sage University-Indore, Research Foundation of India & RFI-CARE From 24th Sep to 30th Sep 2022.

Blog Tab:

Blog link: smasumbasha@gmail.com