


FACULTY PROFILE

Name of the Faculty:		Balakrishna Nallamothu				
Designation:		Assistant Professor				
Department:		Electrical & Electronics Engineering				
Date of Birth:		22/01/1985				
AICTE – ID:		1-432380941				
Education		<ul style="list-style-type: none"> B.Tech in Electrical & Electronics Engineering from JNTU, Hyderabad in 2007. M.Tech in Embeded Systems Specialization from SASTRA University, Thanjavur in 2010. PhD Pursuing in Power Electronics specialization from Annamalai University, Chidambaram. 				
Experience		Teaching: 13 Years	Industry: Nill		Total: 13 Years	
		Research: 3 Years	Others: Nill			
Research Specialization		Power Electronics				
Courses taught		<ol style="list-style-type: none"> 1. Microprocessors and Microcontrollers 2. Power Electronics 2. Digital Electronics 3. Electrical Technology 4. Electric and Hybrid Vehicles 5. Energy Storage Systems 6. PIC Microcontrollers and ARM Processors 7. Industrial Automation 				
Research contributions						
International/national peer reviewed journals						
S. No.	Title of paper	Journal	Year	Volume	pages	Indexing (SCI/WoS/ SCOPUS, Google scholar)
1	“An Improvement in Performance of Grid Connected Electric Vehicle Fast Charging with Sliding Mode Controller”	SIPN	2020	Vol-40- issue-74	1168- 1175	UGC Care

2	“Performance Evolution of Constant Current Controllers used in Fast Charging of Electric Vehicle with Fuel Cell system”	JARDCS	2020	Vol-12- issue-02	2205- 2214	SCOPUS
3	“Three-phase seven-level inverter for grid-connected photovoltaic system fed induction motor drive”	IJIEMR	2017	Vol: 06 Issue: 05	1771- 1781	GOOGLE SCHOLOR
4	“Smart mirror through facial recognition with real-time, date and time, weather forecast”	IJCR	2023	Vol: 15 Issue: 04		GOOGLE SHCOLOR

Books published

S. No.	Title of the book	Publisher	year
1	--	--	--

Book chapters Published

S.No.	Title of the Chapter	Book title	Publisher	year
1	“Performance Evaluation of Fast Charging DC-DC Converter for Electrical Vehicle with Root locus based Digital Controller”	Emerging Solutions for e-Mobility and Smart Grids	SPRINGER	2020

Details of Patents (Filed & Granted)

S. No.	Applications number	Title of the patent	Date of filing/publishing	Published/granted
1	--	--	--	--

Details of Conferences/FDPs/STTPs/webinars/Workshops Organized

S.No.	Name of the event	Role	Dates
1	One-week short term training program on “Soft Computing Techniques in Electrical Systems”	Acted as Co-convener	14 th – 19 th March 2021

Details of Conferences/FDPs/STTPs/webinars/Workshops Participated

S.No.	Name of the event	Organized by	Dates
1	ATAL FDP on “IOT BASED GREEN ENERGY Technology”	LBRCE, Mylavaram	17-10-22 to 29-10-22 (Two Week)
2	Two weeks FDP on “Internet of Things”	APSSDC	01-06-2021 to 13-06-2021
3	Three day Workshop (New Trends in Electrical Power Systems)	BEC, Bapatla	1-3 rd May 2023
4	Two Day Workshop (“Research Report and Article Writing using LaTeX Software)	BEC, Bapatla	17 th -18 th March 2023

Awards/recognitions/achievements

S.No.	Name of the Award	Awarding body/Society/Organization	Year
1	BEST TEACHER AWARD	BAPATLA ENGINEERING COLLEGE	2022

Details of project proposals submitted/sanctioned/completed

S.No.	Title of the Project	Funding body	Submitted/ Sanctioned/ Completed	Amount	Year/ duration
1	--	--	--	--	--

Consultancy contribution

S.No.	Year	Amount	Details
1	2020	10000	CABLE FAULT DETECTION AT VIJAYWADA APCPDCL SUBSTATION

Student Project/research guidance

S.No	Level	Total number	
1	UG	Completed: 12	Ongoing: 01
2	PG	Completed: 03	Ongoing: 00
3	PhD	Completed:	Ongoing:

Administrative experience

S.No.	Role	Duration (From – to)
1	Electrical Maintenance In charge	2020 to TILL DATE
2	T&P Co-ordinator	2011-2013

Research credentials

Index/database	ID/Link
Google Scholar	https://scholar.google.com/citations?user=zciDh0MAAAAJ &hl=en
SCOPUS	--
Web of Science	--
Vidwan ID	--

Mr.N. Balakrishna

Date:01/12/2023