


FACULTY PROFILE

Name of the Faculty:	Mr.G.ANILKUMAR		
Designation:	Assistant Professor		
Department:	EEE		
Date of Birth:	26-04-1986		
AICTE – ID:	1-426127366		
Education	<ul style="list-style-type: none"> B.Tech in EEE from TPIST BOBBILI/JNTU Hyderabad in 2007 M.Tech in Power systems in Engineering from RVR&JC College of Engineering Guntur/ANU GUNTUR in 2010 PhD in Power Quality Improvement in AC Microgrid from NIT Tiruchirappalli, Pursuing. 		
Experience	Teaching: 13 Years,2months	Industry: ____Years	Total: 13 Years,2 months
	Research: ____Years	Others: ____Years	
Research Specialization	Power Quality, Power Electronics Applications to Power system		
Courses taught	<ol style="list-style-type: none"> 1.Basic Electrical & Electronics Engineering 2. Electrical technology 3. Simulation Tools for Electrical Engineering 4. Generation &Transmission 5.Power Electronics 6.Electrical Drives 7.HVDC Transmission System 8.FACTS Devices 9.Utilization of Electrical Engineering 10.Power System Operation and Control, Stability 11.Computer Aided Power System 12.Power Quality 13.Electrical Power Distribution System 14.Power System Analysis 		
Research contributions			

International/national peer reviewed journals

S. No.	Title of paper	Journal	Year	Volume	pages	Indexing (SCI/WoS/SCOPUS, Google scholar)
1	Contribution of SVC to Improve Voltage Profile in a Wind Generators Connected Electrical Network with Increased Load Demand	International conference "ICECIT-2012" conducted at SRIT, Anantapur, India Paper was indexed in ELSEVIER.	2012			
2	Performance Comparison of PID and Neural-Network Based Unified Power-Quality Conditioner	International Journal of Technology and Engineering Science [IJTES]	2014	2	8	
3	Enhancement of Power Quality using Fuzzy based Multilevel DPFC	International Journal of Technology and Engineering Science [IJTES]	2014	2	8	
4	AUTOMATIC ISLAND & GRID-TIED MODE CONTROLLER FOR THREE-PHASE INVERTER IN DISTRIBUTED GENERATION	International Journal of Emerging Engineering Science and Technology	2015	1	8	
5	A Novel Control Grid Interconnection of Renewable Energy Sources at the Distribution Level with Power-Quality Improvement Feature	JOURNAL OF ELECTRICAL AND ELECTRONICS ENGINEERING	2015	2	8	
6	Mitigation Of Sag And Swell In Multibus System By Using DPFC	International Journal of Engineering Development and Research (IJEDR), ISSN:2321-9939	2016	4		
7	Performance Analysis of 72-Pulse GTO-based Generalized unified Power Flow Controller Under Power Quality Problems	International Journal of Engineering Research & Technology (IJERT)	2020			

8	Voltage Quality Improvement and Power Management of Islanded AC Microgrids with Variable Loads and Sources	IEEE 19th India Council International Conference (INDICON)	2022			
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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				

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			

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

S.No.	Name of the event	Organized by	Dates
1.	Introduction to Smart Grid	NPTEL IIT ROORKEE	JUL-SEP 2022
2.	DC Microgrid and control system	NPTEL IIT ROORKEE	JUL-SEP 2021

Awards/recognitions/achievements

S.No.	Name of the Award	Awarding body/Society/Organization	Year
1			

Details of project proposals submitted/sanctioned/completed

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

Consultancy contribution

S.No.	Year	Amount	Details
1			

Student Project/research guidance

S.No	Level	Total number
1	UG	Completed: 12 Ongoing:1
2	PG	Completed: 5 Ongoing:
3	PhD	Completed: Ongoing:

Administrative experience

S.No.	Role	Duration (From – to)
1	JVD Department Coordinator	JUNE 2023 to Till date
2	Feed back analysis 1 st and 4 th year	MARCH 2023 to till date
3	Result Analysis Coordinator 3 rd year	JUNE 2020 to till date
4	Time Table 2 nd Person	JUNE 2019-MAY 2023
5	Time Table Coordinator	JUNE 2015-MAY 2017
6	Department Placement Coordinator	DEC 2012 –MAY 2014

Research credentials

Index/database	ID/Link
Google Scholar	https://scholar.google.com/citations?hl=en&user=C5Hi6BwAAAAJ&view_op=list_works&sortby=pubdate
SCOPUS	
Web of Science	
Vidwan ID	

Any other relevant information

(G.ANILKUMAR)
(12-09-2023)