


FACULTY PROFILE

Name of the Faculty:		Dr. KAMALA DEVI KOLA VENNU				
Designation:		Assistant Professor				
Department:		Electrical & Electronics Engineering				
Date of Birth:		14/08/1967				
AICTE – ID:		1-426127181				
Education		<p>* Ph.D in Power systems Engineering from Acharya Nagarjuna University, 2021</p> <p>* M.Tech in [Power System Engineering] with [First class with Distinction] from [RVR&JC COLLEGE OF ENGINEERING], [GUNTUR], [From 2006-2008].</p> <p>* B.Tech in [Electrical and Electronics Engineering] with [SECOND Class] from [V.R. SIDDHARTHA Engineering College], [VIJAYAWADA], [From 1988-1992].</p>				
Experience		Teaching: 19 Years	Industry: Nill	Total: 22 Years		
		Research: 3 Years	Others: Nill			
Research Specialization		Power System Engineering				
Courses taught		<ol style="list-style-type: none"> 1. Switch gear protection 2. Power systems-1 3. Power system analysis 4. Generation of Electrical power 5. Utilization of electrical power 6. FACTS controllers 7. High voltage Direct current 8. High voltage engineering 9. Electrical storage systems. 10. Constitution of India 11. Professional ethics and human values 12. Renewable energy sources 13. Power quality 				
Research contributions						
International/national peer reviewed journals						
S. No.	Title of paper	Journal	Year	Volume	pages	Indexing (SCI/WoS/ SCOPUS, Google)

						scholar)
1	Detection and Discrimination of Islanding and Faults in Distribution System with Renewable Energy source Based Distributed Generation by using Wavelet Alienation approach	<i>International Journal of Renewable Energy Technology,</i>	2023	Comunicated	-	SCOPUS
2	Wavelet-based Power quality assessment for a STATCOM connected wind energy system	INTERNATIONAL JOURNAL OF ENGINEERING RESEARCH & TECHNOLOGY	2020	8		Google SCHOLAR
3	“Detection of Islanding in Wind Farm Distributed Generation of Distribution System Using Wavelet Based Alienation Technique”	<i>International Journal of Engineering and Advanced Technology</i>	2019	8	428-433	SCOPUS
4	“ Smart Grid Islanding, Fault Detection And Classification With Distributed Generation Based On Wavelet Alienation Current Signals Approach”	<i>International Journal of Mechanical Engineering and Technology</i>	2019	10	903-916	SCOPUS
5	“Detection and Discrimination of Islanding and Faults in distribution system with Distributed Generation by using Wavelet based Alienation approach”,	<i>Indonesian Journal of Electrical Engineering and Informatics</i>	2019	7	405-414	SCOPUS
6	Current Signals Based Wavelet Alienation Approach Islanding Detection and load changing in a Distribution Line with Wind distributed generation,	<i>“International Journal for Research in Applied Science & Engineering Technology”</i>	2019	7	3894-3901	SCOPUS
7	Wavelet based alienation technique to detect islanding in distribution network with solar farm distributed generation	<i>Journal of emerging technologies and Innovative research</i>	2019	6	148-155	SCOPUS
8	“Instantaneous power control of D-STATCOM for Enhancement of the Steady-State Performance”	,International Journal of Technical Research and Applications	2015	3	224-230	
9	Wavelet Based Islanding Detection in Grid Connected	International Journal of	2014	2	2211 -	

	Hybrid systems	Technology and Engineering Science[2217	
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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	Three day workshop on "New trends in electrical power system"	Organiser	!-3,May,2023.
2	Design,Implementation and control of Electrical systems using Matlab.	Organiser	3-7January2023
3	Research report and article writing using Latex software	Organiser	March 17-18,2023

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

S.No.	Name of the event	Organized by	Dates
1	AI Tools for educators in line with OBE	AICTE-ATAL	21-2 Nov, 2023
2	Education leadership	NPTEL	July-October,2023 (12 weeks)
3	FDP(NPTEL) Introduction to internet of things	NPTEL	July-October,2022 (12 weeks)
4	DC Microgrid and control system	NPTEL	July-October,2021 (12 weeks)
5	Quality improvement in accreditation	BEC,Bapatla	28-29,June2021

	and ranking		
5	Two day workshop on research methodologies and scientific publishing	BEC,Bapatla	28 -29,October,2022
6	Power Electronics Applications to Smart grid and Electric Vehicles	ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES, Sangivalasa	27 th to 29 th June 2022.
7	Development of Entrepreneurship and Innovation	BEC,Bapatla	29 May-9 June,2023
8	Psychology counseling program	Vision Educational development society, Guntur	18.03.2023- 14-05.2023
9	Competencies,Therapies,techniques,Case Illustrations of mental health problems at different stages of human development.	BEC,Bapatla	18/03/2023-14/05/2023
10	Design,Implementation and control of Electrical systems using Matlab.	BEC,Bapatla	3-7January2023
11	Research report and article writing using Latex software	BEC,Bapatla	March 17-18,2023

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
1	--	--	--	--	--

Consultancy contribution

S.No.	Year	Amount	Details
1	--	--	--

Student Project/research guidance

S.No	Level	Total number
1	UG	Completed: 16 Ongoing: 01

2	PG	Completed: 06	Ongoing:
3	PhD	Completed:	Ongoing:

Administrative experience

S.No.	Role	Duration (From – to)
1	Member of Institution Library Committee	2020 to 2023
2	Member of Women Empowerment Committee	Up to 2023
3	NAAC Incharge Criteria-4	2022-23

Research credentials

Index/database	ID/Link
Google Scholar	FFwVrHQAAAAJ&hl=en
SCOPUS	56884880300
Web of Science	
Vidwan ID	324173

Dr. K. Kamala devi
Date:4/12/2023