


## FACULTY PROFILE

Name of the Faculty:		Mr.CH HARI PRASAD				
Designation:		ASSISTANT PROFESSOR				
Department:		ELECTRICAL AND ELECTRONICS ENGINEERING				
Date of Birth:		09-05-1982				
AICTE – ID:		1-426034143				
<b>Education</b>		<ul style="list-style-type: none"> <li>B.Tech in EEE from 2005 University/Institute in 1999</li> <li>M.Tech in ICS Specialization from JNTUK University/Institute in 1999</li> <li>PhD in POWER DISTRIBUTION SYSTEM specialization from ANNAMALAI University</li> </ul>				
<b>Experience</b>		Teaching: 13 Years	Industry: 0 Years	<b>Total: 13 Years</b>		
		Research: 0 Years	Others: 0 Years			
<b>Research Specialization</b>		POWER SYSTEM				
<b>Courses taught</b>		<ol style="list-style-type: none"> <li>1.LINEAR INTEGRATED CIRCUITS</li> <li>2.DIGITAL ELECTRONICS</li> <li>3.BASIC ELECTRICAL AND ELECTRONICS ENGINEERING</li> <li>4. SWITCHED MODE POWER SUPPLY</li> <li>5.SWITCHGEAR AND PROTECTION</li> <li>6.HIGH VOLTAGE ENGINEERING</li> <li>7.ENERGY CONSERVATION AND AUDITING</li> <li>8. MICROPROCESSORS &amp; MICROCONTROLLERS</li> </ol>				
<b>Research contributions</b>						
<b>International/national peer reviewed journals</b>						
<b>S. No.</b>	<b>Title of paper</b>	<b>Journal</b>	<b>Year</b>	<b>Volum e</b>	<b>pages</b>	<b>Indexing SCI/WoS / COPUS, Google scholar)</b>

1	Optimization for Position and Rating of Distributed Generating units using Harris Hawk Optimization Algorithm to Reduce Power Losses	Journal of Electrical Systems	June 2022	Volume 18	205-216	Scopus/WOS
2	Optimum Restructuring of Radial Distribution Network with Integration of DG and DSTATCOM using Artificial Fish Swarm Optimization Technique	IEEE CONFERENCE	Aug 2022			Conference
3	Bacterial Foraging Optimization Technique for Optimal Reorganization of Radial Distribution Network with Inclusion of DG and DSTATCOM	International Journal of intelligent systems and applications in engineering	Dec 2022	Volume 10	658-663	Scopus/WOS
4	Cuckoo Search Optimization Algorithm for DG and DSTATCOM Optimal Allocation in Radial Distribution System	Computer Integrated Manufacturing Systems	Dec 2022	Volume 28	1006-5911	Scopus/WOS
5	Impact on radial distribution system by Integrating wind power with zip load considering load growth	AICTE Sponsored E-Conference on Systems Modelling and System Dynamics, Bapatla	24 <sup>th</sup> – 28 <sup>th</sup> Aug 2020.			Conference
6	A novel control strategy for power quality Improvement using fuzzy controller based shunt Active power filter	First International Conference on Recent Innovations in Engineering and Technology (ICRIEAT-2016)				Conference

7	Analysis of DSTATCOM for power quality improvement under different loading conditions	International Journal of Research	Aug 2017	Volume 04	271-285	
8	Improvement of Power Quality Using Active Power Filter	International Conference on Emerging Trends in Engineering, Management, Science and Technologies-ICEEMST'17				conference
9	Harmonic Reduction Using Seven-Level Shunt Active Power Filter For High-Power Non-Linear Load System	International Journal Of Advanced Research and Innovation	Aug 2014	Volume 7	639-643	

**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	202041035792 A	PORTABLE PELTIER AIR CONDITIONER	19/08/2020	11/09/2020

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

S.No.	Name of the event	Role	Dates
1	A Three - day Hands on training program on "PCB Design & Fabrication"	Organizer and resource person	28 <sup>th</sup> – 30 <sup>th</sup> July 2022

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

S.No.	Name of the event	Organized by	Dates
1	A five day faculty orientation program on " C Programming "	Bapatla Engineering College, Bapatla	24-28 <sup>th</sup> July 2023
2.	One Week Short Term Training Program on "Electrical CAD Design"	Bapatla Engineering College, Bapatla	26 <sup>th</sup> June 2023 to 1 <sup>st</sup> July 2023
3.	A five day FDP on "Future trends in advances in electrical engineering"	Aditya engineering college,Kakinada	5-9 <sup>th</sup> July 2023
4	One Week Online Faculty Development Programme on "Research Opportunities in Electrical Power Engineering"	Prasad V. Potluri Siddhartha Institute of Technology, Vijayawada,	23 -27 March 2022.
5	A National Level one Week Online Faculty Development Programme on "Research Innovation and Emerging Advances in Electrical Engineering" (RIEAE-2022)"	Aditya Institute of Technology and Management (Autonomous) Tekkali, Srikakulam (Dist.), A.P.(St.)	4 -9 <sup>th</sup> April 2022
6	Two Week Online Short Term Training Program on "Emerging Technologies in Electric Vehicles"	Bapatla Engineering College, Bapatla	02 <sup>nd</sup> -14 <sup>th</sup> August 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			
<b>Student Project/research guidance</b>			
S.No	Level	Total number	
1	UG	Completed: 12	Ongoing:
2	PG	Completed: 3	Ongoing:
3	PhD	Completed:	Ongoing:
<b>Administrative experience</b>			
S.No.	Role	Duration (Form –To---)	
1	Department maintance	2023-24	
2.	CIIE Department coordinator	2023-24	
3.	NAAC Criteria 6 Department coordinator	2023-24	
4.	NBA Criteria 5 Department coordinator	2023-24	
<b>Research credentials</b>			
Index/database	ID/Link		
Google Scholar	<a href="https://scholar.google.com/citations?view_op=list_works&amp;hl=en&amp;hl=en&amp;user=yR6GiE4AAAAJ">https://scholar.google.com/citations?view_op=list_works&amp;hl=en&amp;hl=en&amp;user=yR6GiE4AAAAJ</a>		
SCOPUS			
Web of Science			
Vidwan ID	<a href="https://vidwan.inflibnet.ac.in/profile/427653">https://vidwan.inflibnet.ac.in/profile/427653</a>		
<b>Any other relevant information</b>			
<b>(CH HARIPRASAD)</b> <b>(12-09-2023)</b>			