

FACULTY PROFILE

1. **Name** : RAMA NARAYANA NANDIGAM
2. **Designation** : ASSISTANT PROFESSOR
3. **Department** : EEE
4. **Date of Joining** : 21-06-2010
5. **Nature of Employment** : Regular
6. **Date of Birth** : 26-05-1986
7. **Unique ID (AICTE FID):** 1-439856562
8. **Email** : ramanarayana1@sircrrengg.ac.in
9. **Educational Qualifications:** M.Tech – Power Systems Engineering
10. **Work Experience:**



Teaching: 13 Research: -- Industry: -- Total: 13

Name of the Organization	Designation	Date From	Date To
SIR C R REDDY COLLEGE OF ENGINEERING	ASSISTANT PROFESSOR	21-06-2010	TILL DATE
BAPATLA ENGINEERING COLLEGE	LECTURER	05-11-2007	04-10-2008

11. Courses taught:

S.No.	Name of the subject	UG/PG
1.	SWITCH GEAR AND PROTECTION	UG
2.	ANALYSIS OF POWER ELECTRONIC CONVERTER	PG
3.	HIGH VOLTAGE DIRECT CURRENT TRANSMISSION	UG
4.	BASIC ELECTRICAL ENGINEERING	UG
5.	ELECTRIC DRIVES AND TRACTION	UG
6.	POWER SYSTEMS PROTECTION	UG
7.	ELECTRICAL MEASUREMENTS	UG
8.	POWER SYSTEM I	UG
9.	AUTOMATION IN POWER SYSTEMS	PG
10.	RENEWABLE ENERGY SYSTEMS	PG
11.	HIGH VOLTAGE ENGINEERING	UG
12.	ELECTRICAL TECHNOLOGY	UG
13.	ELEMENTS OF ELECTRICAL ENGINEERING	UG

12. Administrative Responsibilities:

S.No.	Description	College/ Department level
1.	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION LAB IN-CHARGE	DEPARTMENT
2.	MEMBER, WEBSITE	DEPARTMENT
3.	CLASS TEACHER	DEPARTMENT
4.	CRITERIA COORDINATORS IN NBA & NAC	DEPARTMENT
5.	ADMINISTRATIVE WORKS	DEPARTMENT
6.	MEMBER, ANTI RAGGING COMMITTEE	COLLEGE

13. Research Guidance:

M.Tech.		Ph.D.	
Completed	Ongoing	Completed	Ongoing
09	02	--	--

14. Research Publications in Journals (National/International):

S.No.	Author(s) Name	Title of the Paper	Name of the Journal	National/International	Month & Year	Volume, Issue No, Page Nos	UGC/ Web of Sciences/ Scopus/ SCI/Others
1.	R.Madhusudan, N.Rama Narayana, T.Kranthi Kiran, G.Ganesh, L.Vamsi Narasimha Rao	Performance Analysis of Impedance Source Converter in Different Load Conditions	IJEAT	International	June-2019	No.8,5, ISSN:2249-8958	Scopus
2.	M.Manasa, N.Rama Narayana, A.N.P.Girish Kumar	Simulation of a Grid Tied High-Efficiency Isolated AC-DC Converter using Three Phase Interleaved LLC Resonant Converter	IJR	International	June-2019	No.9,7, ISSN: 2236-6124	UGC
3.	D.Ganga Bhavani N.Rama Narayana R.Madhusudan	Application of SSPSO and SSPSO to Optimal Power Flow Solutions along with SSC Device	IJST	International	JUNE 2018	No.11,23 ISSN:0974-5645,	Web of Sciences

4.	D.Ganga Bhavani N.Rama Narayana R.Madhusudan	Comparative Analysis of SPSO and PSO to Optimal Power Flow Solutions	IJRASE T	International	Jan- 2018	No.6,I, ISSN:232 1-9653	UGC
5.	K.Vijay Kumar N.Rama Narayana	Power Quality Analysis of Non –Linear Loads for Industrial Power System	IJRSE T	International	Oct- 2016	No.5,10, 18049- 18058, ISSN:231 9-8753	UGC
6.	B.Hema Surya Teja N.Rama Narayana	Co- ordination Control of Hybrid AC/DC Micro grid with various Renewable Energy Sources	IJEAR	International	Jan- June 2014	No.4,Spl- 01,42-46, ISSN: 2348- 0033	Cosmic

15. Research Papers in Conferences (National/International):

S. No.	Author(s) Name	Title of the Paper	Name of the Conference/Journal	National/ International	Month & Year	Page Nos
1.	K.Gracesi N.Rama Narayana	Fast Protection of Strong Power Systems with PLL Aided Fault Detection	National Conference of Smart Grids for Smart Cities 2014	National	7 th & 8 th Nov 2014	333-339
2.	A.Kiranmai N.Rama Narayana	Improvement of Power Quality Employed with a Statcom –Control Scheme for Grid-connected Wind Energy System	National Conference on ConCon -2012	National	30 th & 31 st May 2012	1
3.	N.Rama Narayana K.SwarnaSri	Performance Indices for Islanding of Power Systems to Avoid Blackouts	NCIES-2011	National	31 st March 2011	192-199

16. Workshops/ FDPs/STTPs/ etc., (Attended):

S.No.	Name of the Workshop/ FDP/STTP/ etc.,	Place	Period	
			From	To
1.	ONE WEEK FDP ON RESEARCH OPPORTUNITIES IN ELECTRICAL POWER ENGINEERING	VIJAYAWADA (ONLINE)	23-03-2022	27-03-2022
2.	ONE WEEK FDP ON RECENT ADVANCEMENTS IN GENERATION AND CONTROL IN MODERN POWER SYSTEMS	RAJAM, VIJAYAWADA (ONLINE)	07-03-2022	12-03-2022
3.	5 DAY FDP ON TECHNOLOGICAL ADVANCE IN POWER SWITCHING CONVERTER FOR RENEWABLE ENERGY SOURCES AND FUEL CELL TECHNOLOGY FOR E-VEHICLES	BAPATLA (ONLINE)	01-06-2020	05-06-2020
4.	STTP ON SOLAR ENERGY BASICS	COURSERA (ONLINE)	06-06-2020	--
5.	SEMINAR ON INDUSTRIAL ELECTRICAL SYSTEM	L&T ELECTRICAL & AUTOMATION (ONLINE)	27-06-2020	--
6.	WEBINAR ON HOME ELECTRICAL ENERGY MANAGEMENT	ONLINE	05-06-2020	--
7.	STTP ON ELECTRIC POWER SYSTEM	COURSERA (ONLINE)	01-06-2020	--
8.	WEBINAR ON GRID CONNECTED AND STAND ALONE SOLAR PLANT DESIGN USING PV SYSTEMS	ONLINE	07-05-2020	--
9.	FDP ON NBA	ONLINE	11-05-2020	--
10.	A TWO WEEK DST-ICPS SPONSORED FDP ON AI, ML AND DL	VATLURU	20-01-2020	01-02-2020
11.	NPTEL-AICTE FDP	ONLINE	AUGUST, 2018	

	ON INTRODUCTION TO SMART GRID			SEPTEMBER,2018
12.	NPTEL-AICTE FDP ON RECENT ADVANCES IN TRANSMISSION INSULATORS	ONLINE	AUGUST,2018	SEPTEMBER,2018
13.	TWO WEEK ISTE STTP ON "ELECTRIC POWER SYSTEMS" SPONSORED BY IIT KHARAGPUR	ONLINE& GUNTUR	12-06 -2017 10-07-2017	08-07-2017 15-07-2017
14.	A TWO-DAY WORKSHOP ON "MATLAB FOR ENGINEERING APPLICATIONS"	ELURU	19-08-2016	20-08-2016
15.	ONE DAY WORKSHOP ON "PLC PROGRAMMING &APPLICATIONS"	ELURU	01-03-2015	--
16.	A THREE-DAY WORKSHOP ON "RECENT TRENDS IN SWITCH GEAR & PROTECTION"	HYDERABAD	05-07-2012	07-07-2012
17.	A TWO DAY WORK SHOP ON" POWER SYSTEM ANALYSIS USING SOFTWARE TOOL"	BAPATLA	23-03-2009	24-03-2009
18.	TWO DAY FACULTY DEVELOPMENT PROGRAM ON "ETIQUETTE, MANNERS AND VALUE SYSTEMS ACROSS CULTURES AND THEIR IMPACT ON WORK CULTURE"	NARASARAOPETA	12-09-2009	13-09-2009
19.	THREE DAY NATIONAL WORKSHOP ON "COMPUTER APPLICATIONS TO POWER SYSTEMS USING MI-POWER	GUNTUR	04-12-2008	06-12-2008

17. Professional Memberships:

S.No.	Name of the Professional Body	Membership No.	Membership Type
1.	THE INSTITUTION OF ENGINEERS(INDIA)	M-1615844	LIFE MEMBER
2.	THE INDIAN SOCIETY FOR TECHNICAL EDUCATION	LM 122956	LIFE MEMBER
3.	INTERNATIONAL ASSOCIATION OF ENGINEERS	M-181386	LIFE MEMBER

18. Special Achievements (If any):

- Erected Electrical Measurements Lab with low cost-Designed Wheat Stone's, Kelvin's double, Maxwell's, Wien's, Desauty's, Schering bridges.
- Selected as best paper in national conference.
- Awarded with momentum in M.Tech academics.