

PROFILE



1. Name : Dr.M.VEERA KUMARI
2. Date of Birth : 22 - 12 - 1979
3. Address for Communication : EEE DEPARTMENT,SIR CRR COLLEGE OF
ENGINEERING, ELURU 534007
4. Permanent Address : W/O E.VENKATESWARA RAO,
FLATNO:3C,MEGHANA
RESIDENCY,SATHRAMPADU, ELURU --- 534007
5. Mobile No : 9492225471
6. Email-ID : veerakumarri.m@gmail.com
7. Educational Qualifications :

Qualification	University/Board	Name of the College	Specialization	Year of Passing	Division/ Class	% of Marks
X Class	Board of Secondary Education,AP	SFS school,Tanuku	--	1995	Distinction, first class	81
Intermediate	Board of Intermediate	Sir CRR College for Women, Eluru	MPC	1997	Distinction, first class	81
UG	Nagarjuna University	RVR &JC College of Engg, Guntur	EEE	2001	Distinction, first class	77.03
PG	Osmania University	University College of Engineering	POWER SYSTEMS	2003	first class	69.92
Ph. D	Andhra University	Andhra University College of Engineering	POWER SYSTEM PLANNING	2016	first class	100
Others						

8. Project/Thesis: UG : Analysis of Automatic Voltage Regulator in Power Plant

PG : Frequency Response Diagnostic Technique- An Application to Transformer

PhD : OPTIMAL GENERATION EXPANSION PLANNING WITH FACTS DEVICES/HVDC SYSTEMS AND SECURITY CONSTRAINTS.

9. Teaching /Industry Experience:

S No	Designation	Organization	Period		Total Exp. Years and Months	Nature of Employment	Type of service Govt. Aided/ Un Aided/ Private/ recognized
			From	To			
1	Project trainee	CPRI,Hyderabad	2002	2003	1year	Project	Govt
2	Assistant Professor	Sri Akula Sriramulu Engg College ,Tanuku	March 2003	May 2004	1 year 2 months	Regular	Private
3	Assistant Professor	Sir CRR College of Engineering	June 2004	June 2016	12 years	Regular	Private
4	Associate Professor	Sir CRR College of Engineering	July 2016	Till date	4 year 7months	Regular	Private

10. Total Experience: Teaching 18years 5 months

Industry 1 year

Research __1 year_____

11. Any other Distinctions/Achievements:

Actively participated in school zonal basketball, handball games and sports.

12. Research Experience:

(a) Research Papers Published in Journals

S No	Author (s) Name	Title of the Research Paper	National/International	Year of Publication	Name of the Journal	Vol.	Issue. No	Pages (PP)
1.	Ch.Jeevan Kumar , M.Veerakumari	Load forecasting of Andhra Pradesh Grid using PSO, DE Algorithms	International	2012	International Journal of Advanced Research in Computer Engineering & Technology (IJARCET)	1	9	179-184
2.	Ch.Jayachandra M.VeeraKumari	Optimization on Generation Expansion Planning by PSO and DP	International	2014	International Journal of Education and Applied Research(IJEAR)	4	1	144 - 149
3	B.Kalyani M.VeeraKumari	Application of PSO and its Varients to Bilateral and	International	2015	IJOER	3	1	--

		Multilateral transactions in Deregulated Power System						
4.	G.Hari Priya M.VeeraKumari	Generation Expansion planning using Multiobjective Differential Evolution						
5.	G.Hari Priya M.VeeraKumari	Generation Expansion planning using Multi Criteria Decision Making Methods						
6	M.Divya Sri M.VeeraKumari	Transmission Expansion planning using Multi Criteria Decision Making Methods	International	2018	IJEAT	7	3	25-27
7	P.Venkata Sai ram M.VeeraKumari	Analysis and performance of MVDC distribution system with ESS for wind and Solar Energies.	International	2020	IJEEE	9	5	91-100
8	M.VeeraKumari K.Vaisakh	Single and multi objective optimal generation expansion planning with HVDC systems by using HSDE algorithm	Springer book series	2021	Smart and intelligent Systems			533-546

(b) Research Papers Published in Conferences

S No	Author (s) Name	Title of the Research Paper	National/International	Year of Publication	Place of the Conference	Pages (PP)
1.	M.Veera Kumari, A.Kumar Babu	Application of AHP Method for Production Cost Calculation with and without Forced outage of Generating units	National conference on Power System	2014	Andhra University, Vishakapatnam	
2.	M.Veera Kumari, D.Srinivas rao	Optimal power flows with consideration of wind Generation and Flat frequency Control	National conference on Power System	2014	Andhra University, Vishakapatnam	
3.	M. Veera kumari , K. Vaisakh	HSDE Algorithm Based Optimal Generation Expansion Planning Considering Security Constraints	2 nd ACN International Conference	2015	Hyderabad	
4.	M.Veera kumari K.Vaisakh	Security Constrained Optimal Generation Expansion Planning using HSDE Algorithm	International Conference ICEEME-15	2015	Pune	
5.	M.Veera kumari , K.Vaisakh,	Security Constrained Optimal Generation Expansion Planning Considering STATCOM Device	International Conference(ICEEICE-15)	2015.	Bangalore	

6	K.Veeresham,M.Ve erakumari, K.Vaisakh	Cuckoo Search algorithm for Optimal Transmission Expansion Planning with various Load Models and FFC	PECCON 2017	2-4 Mar 2017	VIT CChennai	
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(c) Workshops/STTP Attended

S No	Name of the workshop/ STTP	Place	Period	
			From	To
1.	QIP Short term course on Operation and Management of Emerging Power System	IIT Kanpur	21 st Nov 2011	25 th Nov 2011
2.	QIP Short term course on Deep Learning	IIT Kanpur	12 th Jan 2017	16 th Jan 2017

(d) Workshops Conducted

S No	Name of the workshop/ STTP	Place	Period	
			From	To
1.	PLC WORKSHOP UNDER APSSDC	SIRCRRCOE	19-8-2019	7-9-2019

(e) Details of Research Projects

S No	Title of the Project	Amount Sanctioned	Issued Authority	Status	Year of Sanction
1	Voice controlled wheel chair hardware project	25000	SIRCRRCOE	COMPLETED	2019-2020

13. Achievements: 1.Played for West Godavari in under 19 years Basketball in AP School

Games Federation ,1993-94

2. Represented Andhra University Basketball team in Inter University

Games and Sports,1997-98

14. Strengths: Courage, Friendly Nature.

15. Other Details if any: Actively participating in Department Development Committee,

Students result analysis incharge ,

Lab in charge of control systems Lab

Seimens APSSDC Electronics LAB Incharge

16. Personal Details:

(a) Name of the Father : M.V.Subba Rao

(b) Name of the Mother : M.Rani

(c) Gender :Female

(d) Marital Status : Married

(e) Nationality : Hindu

17. Subjects Handled : Control Systems,
Advanced Control Systems,
Basic Electronic Devices,
Power System Analysis and Stability,
Neural Networks and Fuzzy Logic ,
Digital Signal Processing,
Optimization Techniques
Power System Planning,
Research Methodology and IPR,
Power System Dynamics and Stability.

18. UG Projects : 14 (completed)

PG Projects : 10 (completed)

PhD Guidance : 2 (ongoing)

19. Membership : IEI -M 1537711

:ISTE -LM53263

20.Administrative Duties : NAAC, NBA Criteria Coordinator

Member of College Women Protection Cell