

Faculty Information

Name of the Institution with Code No.		: 225, VSVN Polytechnic College				
1.	Name	: Dr. K. MAREESAN				
2.	Status	: Permanent				
3.	Designation	: Lecturer (SG-I)				
4.	Department	: Electrical and Electronics Engineering				
5.	Qualifications	Ph.D.,	M.E	M.Sc.,	M.Com	Any other (Please specify)
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6.	a) Is your Department Accredited by NBA?	: Applied				
	b) If yes, provide the details of the NBA accreditation order, date and specify the duration of the NBA accreditation	: Application Number 6953 – 09.06.2022				
7.	Teaching experience (in years)	: 30 Years				
8.	Subjects handled (during last 1 year)	2022-23 ODD Generation Transmission and Switch Gear Electrical Workshop Practical 2022-23 EVEN Electric Vehicle Technology & Policy Electric Vehicle Practical				
9.	Results of the subjects handled for the last 1 year (Attach separate sheet)	2022-23 ODD Generation Transmission and Switch Gear (88%) Electrical Workshop Practical (100%) 2022-23 EVEN Electric Vehicle Technology & Policy (86%) Electric Vehicle Practical (100%)				
10.	Teaching methods used (Lectures, Field Trip, Projects etc.) (Attach separate sheet)	: Lectures, Field Trips, Demonstration using Charts & Models				
11.	Technology used for teaching and frequency of use (Attach separate sheet)	: LCD Projector, Black Board, MCQ Questions – Frequency: Once in a week.				
12.	Course materials prepared during the last 1 year (Attach separate sheet)	: Course Material for Generation Transmission and Switch Gear Course Material for Electric Vehicle Technology & Policy				
13.	Lab manuals developed during the last 1 year (Attach separate sheet)	: Lab Manual for Electrical Workshop Practical Lab Manual for Electric Vehicle Practical				
14.	a) Grants received for research projects	: No				
	b) If yes, provide the details:					
	S.No.	Title of the research	Granting Agency	Grants received (Rs.)	Sanction & Order date	Status of the research
	i.					
	ii.					
	iii.					
	iv.					
	v.					

	vi.				
15.	Details of Research Publications:				
	S.No.	Title of the article	Name of the journal	Year	Vol No. / Issue No. / ISSN / ISBN
	i.	Energy Resources	Proceedings of VIth Annual Convention & State level Seminar	2003	- / -
	ii.	Economic and Efficient method of generating Thermal Energy for Industrial applications.	Proceedings of National level conference in Power and Energy	2006	- / -
	iii.	Strategies to control energy cost in industries – an overview and case studies	Proceedings of National level conference in Power and Energy	2006	- / -
	iv.	Transmission congestion relief by modified generator rescheduling management.- 14 th NPSC-06	Proceedings of 14 th National Power System Conference – NPSC-06. Nov. 2006	2006	- / -
	v.	Economic Benefit improvisation based optimal Placement and Sizing of Distributed Generation – 9 bus system	National Conference on Power and Renewable Energy System.-NCPRES - 2016	2016	- / -
	vi.	Economic Benefit improvisation based optimal Placement and Sizing of Distributed Generation – 33 & 69 bus system using RGA,RPSO.	Asian journal of Research in Social science and humanities.	2016	Vol 6 / Issue 6 / ISSN 2249 – 7315
	vii.	Maximization of Net Profit by optimal placement and sizing of DG in Distribution System.	International Research Journal of Engineering and Technology (IRJET)	2018	Vol. 5/ Issue 11 / e- ISSN: 2395-0056 p- 2395-0072
	viii.	Minimization of Network Losses by optimal placement and sizing of DG using Flower Pollination Algorithm	International Research Journal of Engineering and Technology (IRJET)	2018	Vol. 5/ Issue 12 / e- ISSN: 2395-0056 p- 2395-0072
	ix.	Improvement of Voltage Profile in Distribution System by optimal placement and sizing of DG.	International Journal of Trends in Scientific Research and Development (IJTSRD)	2018	Vol 3 / Issue 1 / ISSN: 2456 - 6470
	x.	Green Manufacturing practice in RAMCO Cement Factory	1 st International Virtual Conference on “Advanced materials and manufacturing process” organized by Kalasalingam Academy of Research and Education.	2020	- / -
	xi.	Investigation on Charge Discharge Curve and Polarization Curve of Rechargeable Batteries to suggest its suitability for Electric Vehicle	The Institution of Engineers(India) – Annual Technical Volume – Electrical Engg. Division – Electric Vehicle (Theme)	2020	Vol 4/ page 64-69 / ISSN 2349 – 6002
16.	Text book authored during the last 1 year (Attach separate sheet)		:		-
17.	Contribution to enrich quality of teaching — learning/ administration (Seminars / Workshops / lectures / field visits organized) (Attach separate sheet)		:		Organized FDP for staff members on the topic ‘Electric Vehicle’
18.	No. of patents filed by the department (Attach separate sheet)		:		-
19.	No. of patents obtained by the department (Attach separate sheet)		:		-
20.	No. of patents filed by individual (Attach separate		:		-

	sheet)		
21.	No. of patents obtained by individual in the last 3 years (Attach separate sheet)		1 No Title: Method and system for detecting growth and disease conditions based on vegetative indices of plants
22.	No. of MoUs signed by the institution with your efforts	:	1 No
23.	Contribution to the growth and development of the department and Institution. (Attach separate sheet for the details of activities)	:	Have updated the curriculum & introduced the following new syllabus 1. Electric Vehicle Technology & Policy 2. Electric Vehicle Practical
24.	Other responsibilities for the growth and development of the respective department and Institution (Attach separate sheet)	:	Have held the responsibility of 1. VSVN Autonomous Cell Member during 2006-2008 2. YRC Programme Officer 2015-2022 Currently holding the responsibilities as 1. NSS Programme Officer from 2022 onwards 2. NBA Programme Coordinator from 2020 onwards
25.	Signature	:	