



**Sahrdaya College of Engineering &
Technology (Autonomous)**
College Road, PB NO 17, Kodakara, Kerala
680684



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DR.V.VIJKALA

General Details

Name	DR.V.VIJKALA	Gender	Female
AICTE ID		Staff Id	FEE1702
Joining Date	16/01/2017	Date of Birth	08/10/1981
Blood Group	O+	Department	Electrical & Electronics Engineering
Category	1	Designation	Associate Professor
Institution Last Worked	CMS College of Engineering, Namakkal	Contract Type	Permanent
Ktu Id	KTU-F30409	PEN No	

Personal Details

Father Name		Marital Status	Married
Mother Name	VijayaKumari	Spouse Name	D. Anto Sahaya Dhas
Nationality	Indian		

Contact Details

Phone	7598354409	Email	vijikalav@sahrdaya.ac.in
Phone (Res)		Phone (Office)	
		Office Address	
Present Address	PG Hostel Kodakara Kodakara Kerala Thrissur 680684	Permanent Address	Ancily Castle RC Villukury Tamil Nadu Kanyakumari 629180

Qualifications						
S.No	Degree	Discipline / Stream	University / Institution	Percentage / CGPA	Year of Passing	Special Remarks
1	BE(Engineering)	Electrical and Electronics Engineering	MS University	62.00	2002	
2	M.Tech.(Engg/ Sciences)	Applied Electronics	Bharath University	79.00	2005	
3	Ph.D.	Electrical Engineering	Anna University	0.00	2016	

Experiences							
S.No	Title	Name of Organization/Institution	From Date	To Date	Designation	Nature of Employment	Nature of Duty
1	Lecturer	PSN College of Engineering & Technology, Tirunelveli	2005-04-04	2006-06-23	Lecturer	Permanent	Teaching
2	Lecturer	Indian Engineering College, Vadakkankulam	2006-06-26	2008-09-23	Lecturer	Permanent	Teaching
3	Assistant Professor	CMS College of Engineering, Namakkal	2008-09-24	2016-12-31	Assistant Professor	Permanent	Teaching
4	Associate Professor	Sahrdaya College of Engineering & Technology	2017-01-16		Associate Professor	Permanent	Teaching

Subjects Engaged / Engaging					
S.No	Academic Year	Batch	Semester	Subject	Pass %
1	2024-2025	EEE 2K21	VIIIth Semester	EET404 - Comprehensive Course Viva	-
2	2024-2025	EEE 2K21	VIIIth Semester	EET426 - Special Electrical Machines	-
3	2024-2025	EEE 2K22	Vth Semester	AI - AI Training	-
4	2024-2025	EEE 2K22	Vth Semester	EEL331 - MICROPROCESSORS AND MICROCONTROLLERS LAB	100
5	2024-2025	EEE 2K22	Vth Semester	EET303 - MICROPROCESSORS AND MICROCONTROLLERS	67
6	2023-2024	EEE 2K22	IVth Semester	AI - AI Training	-
7	2023-2024	EEE 2K22	IVth Semester	EEL204 - DIGITAL ELECTRONICS LAB	100
8	2023-2024	EEE 2K20	VIIIth Semester	EET468 - Industrial Instrumentation & Automation	79

Publications							
S.No	Description	Title of The Paper/Patent	Category	Patent No	Indexing	Academic Year	Period
1	IGI Global	Book Name: Digital Innovations for Renewable Energy and Conservation Chapter Name: Integration of Cloud and Edge Computing in Distributed Renewable Energy Systems	Book Chapters	DOI: 10.4018/979-8-3693-6532-8.ch009	SCOPUS	2024-2025	

2	IEEE Conference	Analysis of Machine and Deep Learning-Based Approaches in Fetal Brain Abnormality Detection Using Ultrasound Images	International Conferences	ISBN:979-8-3315-0497-7	SCOPUS	2024-2025	
3	INDIAN	SECURED DATA TRANSFER USING BLOCK CHAIN TECHNOLOGY	Patents	202341054712 A	Other	2023-2024	
4	WILEY Publication	Analysis of DC and RF performance of Al _{0.31} Ga _{0.69} N/Al _{0.1} Ga _{0.9} N / β -Ga ₂ O ₃ double quantum well HEMT on silicon carbide substrate	International Journal papers with impact factor 1.5-2	ISSN: 1099-047X	SCI	2022-2023	
5	IEEE Conference	Brushless Direct Current Motor Analysis and Controller Design	International Conferences	978-1-6654-1005-2/22/\$31.00 ©2022 IEEE	SCOPUS	2022-2023	
6	Design Engineering	Application of Different Techniques for Medical Image Processing - A Systematic Review	International Journal papers with impact factor < 1.5	ISSN: 0011-9342	SCOPUS	2021-2022	
7	Solid State Technology	A Machine Learning Approach for Analyzing Medical Data to Detect Patients Disease and for Recommending Appropriate Drugs	International Journal papers with impact factor 1.5-2	ISSN 4494 - 4500	SCOPUS	2021-2022	
8	Australian Government	A SYSTEM AND METHOD FOR PERSON DETECTION IN AERIAL IMAGERY USING SEMANTIC SEGMENTATION	Patents	2021103130	Other	2021-2022	

9	International Journal of Psychosocial Rehabilitation	EARLY DETECTION AND CLASSIFICATION OF BREAST TUMOR FROM MAMMOGRAM IMAGES	International Journal papers with impact factor<1.5	ISSN: 1475-7192	SCOPUS	2020-2021	
10	Jour of Adv Research in Dynamical & Control Systems	A Novel Decision Support System for Malignant Tumor Using 3D Reconstruction and Volumetric Analysis	International Journal papers with impact factor<1.5	ISSN: 1943-023X	SCOPUS	2020-2021	
11	Technical Research Publications	Emerging Technologies in Engineering Research	Book Chapters	ISBN: 978-93-5419-211-1	SCOPUS	2020-2021	

Programs Coordinated			
S.No	Description	Category	Academic Year
1	AICTE Sponsored ATAL FDP on V "VEHICLE ELECTRIFICATION FUTURE MOBILITY TRENDS"	FDP	2024-2025
2	APJ ABDUL KALAM Technological University Sponsored 5 Day FDP on "RECENT ADVANCES AND RESEARCH CHALLENGES IN ELECTRIC VEHICLE SYSTEM DESIGN"	FDP	2022-2023
3	APJ ABDUL KALAM Sponsored 3 days FDP on "RECENT TRENDS IN ELECTRIC VEHICLES AND SYSTEM DESIGN"	FDP	2021-2022

Programs Attended				
S.No	Description	Category	Academic Year	Period
1	Principles of Space Engineering and Space Vehicle Design	FDP	2024-2025	In this college
2	Cutting Edge Technologies in Computer Science	FDP	2024-2025	In this college
3	Opportunities of Power Electronics in Smart Grid, Renewable Energy Resources and Electric Vehicles	FDP	2023-2024	In this college
4	Emerging Significance of Artificial Intelligence in Healthcare and Education: Current Perspectives	FDP	2023-2024	In this college
5	Research Perspectives in Energy, Environment & Conservation	FDP	2022-2023	In this college
6	Research Perspectives in Energy, Environment & Conservation	FDP	2022-2023	
7	Emerging trends in power electronics and control for electric vehicle and smart grid	FDP	2022-2023	In this college
8	Nonlinear Systems: Dynamics and Control	FDP	2021-2022	In this college
9	Planning and Operation of Smart Grids: Recent Trends and Developments	FDP	2021-2022	In this college
10	Smart Grid Monitoring and Stability: microgrid perspective	FDP	2020-2021	In this college
11	Recent advances in Power Electronics and Power Systems	FDP	2020-2021	In this college

MOOC Course Completed					
S.No	Title	Conducted By	From Date	To Date	Duration
1	BIG DATA COMPUTING	Indian Institute of Technology, Kanpur	2025-08-01	2025-10-15	8 Week Course

Professional Body Membership

S.No	Name of Profesional Body	Type of Membership	Member Since	Membership Id	Description
1	IEEE	Annual Membership	2024-2025	100137078	IEEE Member
2	ISTE	Lifetime Membership	2020-2021	LM 130422	ISTE Member
3	IAENG	Lifetime Membership	2020-2021	172661	IAENG Member