



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



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MARIA ROSE K J

General Details

Name	MARIA ROSE K J	Gender	Female
AICTE ID		Staff Id	FEE2201
Joining Date	30/04/2022	Date of Birth	21/04/1994
Blood Group	Unknown	Department	Electrical & Electronics Engineering
Category	1	Designation	Assistant Professor
Institution Last Worked		Contract Type	Permanent
Ktu Id		PEN No	

Personal Details

Father Name	-	Marital Status	Married
Mother Name		Spouse Name	-
Nationality			

Contact Details

Phone	9497319044	Email	mariarose@sahrdaya.ac.in
Phone (Res)	00	Phone (Office)	
		Office Address	
Present Address		Permanent Address	

Qualifications						
S.No	Degree	Discipline / Stream	University / Institution	Percentage / CGPA	Year of Passing	Special Remarks
1	B.Tech	ELECTRICAL AND ELECTRONICS ENGINEERING	MAHATMA GANDHI	8.02	2015	First class with honours
2	M.Tech.(Engg/ Sciences)	POWER ELECTRONICS	KTU	8.91	2018	

Experiences							
S.No	Title	Name of Organization/Institution	From Date	To Date	Designation	Nature of Employment	Nature of Duty
1		SAHRDAYA COLLEGE OF ENGINEERING AND TECHNOLOGY,Kodakara	2022-05-02		Assistant Professor		

Subjects Engaged / Engaging					
S.No	Academic Year	Batch	Semester	Subject	Pass %
1	2024-2025	EEE 2K23	IIIrd Semester	ADDON - Add On Course	-
2	2024-2025	EEE 2K23	IIIrd Semester	EEL203 - ANALOG ELECTRONICS LAB	97
3	2024-2025	EEE 2K23	IIIrd Semester	EEL201 - CIRCUITS AND MEASUREMENTS LAB	100
4	2024-2025	EEE 2K23	IIIrd Semester	MCN201 - SUSTAINABLE ENGINEERING	76
5	2024-2025	EEE 2K23	IIIrd Semester	EET201 - CIRCUITS AND NETWORKS	34
6	2024-2025	EEE 2K22	Vth Semester	SGA - SGA-B.Tech	-
7	2024-2025	EEE 2K22	Vth Semester	MCN301 - DISASTER MANAGEMENT	63
8	2024-2025	CSE C 2K24	IIInd Semester	24ESL006 - Basic Electrical and Electronics Engineering Workshop	-
9	2024-2025	CSE B 2K24	IIInd Semester	24ESL006 - Basic Electrical and Electronics Engineering Workshop	-
10	2024-2025	EEE 2K22	VIth Semester	EET308 - COMPREHENSIVE COURSE WORK	-
11	2024-2025	EEE 2K23	IVth Semester	WT - Waadwani Training	-
12	2024-2025	EEE 2K23	IVth Semester	EEL204 - DIGITAL ELECTRONICS LAB	-
13	2024-2025	EEE 2K23	IVth Semester	EET204 - ELECTROMAGNETIC THEORY	-
14	2024-2025	EEE 2K22	VIth Semester	SGA - SGA-B.Tech	-
15	2024-2025	EEE 2K22	VIth Semester	HUT310 - Management for Engineers	-
16	2023-2024	EEE 2K21	VIth Semester	EET308 - COMPREHENSIVE COURSE WORK	44
17	2023-2024	EEE 2K21	VIth Semester	HUT310 - Management for Engineers	60
18	2023-2024	EEE 2K22	IVth Semester	SGA - SGA-B.Tech	-
19	2023-2024	EEE 2K22	IVth Semester	EEL202 - ELECTRICAL MACHINES LAB I	81
20	2023-2024	EEE 2K22	IVth Semester	MCN202 - CONSTITUTION OF INDIA	78
21	2023-2024	EEE 2K22	IVth Semester	EET204 - ELECTROMAGNETIC THEORY	63
22	2023-2024	BME 2K23	IIInd Semester	ESL130 - ELECTRICAL & ELECTRONICS WORKSHOP	-
23	2023-2024	CSE A 2K23	IIInd Semester	ESL130 - ELECTRICAL & ELECTRONICS WORKSHOP	-

Publications							
S.No	Description	Title of The Paper/Patent	Category	Patent No	Indexing	Academic Year	Period

1	International Journal of Engineering Trends and Technology	A Comparative Study on Multi-Level Inverters Using SPWM	International Journal papers with impact factor 2-2.5		SCOPUS	2020-2021	Outside this college
2	International Journal for Research in Applied Science & Engineering Technology	Cascaded Switched Diode Capacitor Voltage Accumulated Multi-Level Inverter	International Journal Papers with impact factor >2.5		Google	2020-2021	Outside this college

Programs Attended

S.No	Description	Category	Academic Year	Period
1	Vehicle electrification-Future Mobility trends	FDP	2024-2025	In this college
2	Wadhvani Course	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	Innovative Approach to Renewable Energy Education	FDP	2023-2024	In this college
5	Unleashing the Sustainable Developments and Future Trends in Electrical Engineering	FDP	2023-2024	In this college
6	IP Awareness/Training Programme	Other Programs	2022-2023	In this college
7	Recent Advances and Research Challenges in Electric Vehicle System Design	FDP	2022-2023	In this college
8	Inculcating Universal Human Values in Technical Education	FDP	2022-2023	In this college
9	Emerging trends in power electronics and control for electric vehicle and smart grid	FDP	2022-2023	In this college
10	Advancements in Smart Grid Technologies, ASGT'22	FDP	2022-2023	In this college

Projects Guided

S.No	Description	Academic Year	Is Funded	Funded Agency	Fund Amount
1	Automatic glass bottle cleaner	2024-2025	No		

Research Interests

S.No	Description
1	Circuits and networks
2	Multi-level inverters

Subjects Interested

1. Circuits and networks 2.Linear control systems 3. Electromagnetic Theory 4. Management for engineers

Administrative Work

S.No	Title	During Academic Year
1	Member in University Exam Cell	2024-2025
2	NDLI Department Co-ordinator	2023-2024
3	NDLI Department Co-ordinator	2024-2025
4	ISTE Department co-ordinator	2024-2025

Professional Body Membership

S.No	Name of Professional Body	Type of Membership	Member Since	Membership Id	Description
1	ISTE	Lifetime Membership	2024-2025	LM140154	

