

## PROFORMA FOR BIO-DATA

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3. Institution LBS Institute of Technology for Women, Poojappura

4. Date of Birth 30/12/1981

5. Gender (M/F/T) Female

6. Category Gen/SC/ST/OBC SC

7. Whether differently abled (Yes/No) No

8. Academic Qualification (Undergraduate Onwards)

S.No	Degree	Year	Subject	University/Institution	% of marks
1.	B. Tech	2003	ECE	Kerala University	First Class
2.	M. Tech	2006	AE&I	Kerala University	First Class

9. Ph.D thesis title, Guide's Name, Institute/Organization/University, Year of Award.

10. Work experience (in chronological order).

S.No.	Positions held	Name of the Institute	From	To	Pay Scale
1	Assistant Professor	LBS Engineering College Kasaragod	March 2008	June 2011	
	Assistant Professor	LBSITW	June 2011	Till date	

11. Professional Recognition/ Award/ Prize/ Certificate, Fellowship received by the applicant. -NA

12. Publications (*List of papers published in SCI Journals, in year wise descending order*).

Sl.No	Author(s)	Title	Name of Journal	Volume	Page	Year
1		Robotic Oil Skimmer	IJPREMS	5	1737–1741	2025
2		IoT Portable Ventilator with CPR	National Conference on Interdisciplinary Perspectives of Emerging Trends in Computing	2		2025
3		IoT Ventilator with CPR	IJPREMS	5	513–520	2025
4		Robotic Oil Skimmer	IJPREMS	5	1737–1741	2025
5		Roadeye: Pothole Detection	ICSTS	1	—	2025
6		Detection of Diabetic Retinopathy	IRJET	9	1–4	2022
7		Elderly Fall Detection	IRJET	9	263-265	2022
8		Text Recognition for Blind	IRJET	7	2728-2730	2020

9		Comparative Study of Melanoma Detection Techniques	IRJET	5	28-30	2018
10		Advanced Melanoma Detection using ABCD Rule	IRJET	4	57-60	2017
11		Feature Sets for Skin Lesion Analysis	IJSRT	2	137-140	2017
12		EEG Feature Extraction (BCI)	IEEE Conf.	—	1703-1705	2017
13		Brain Tumour Density Estimation	IARJSET	3	—	2016

13. Detail of patents.

Sl.No	Patent Title	Name of Applicant(s)	Patent No.	Award Date	Agency/Country	Status
1	Smart Energy-Efficient Blender with Integrated Ingredient Monitoring System	HEMA S	202541123557 A	02/01/2026	The Patent Office	Published

14. Books/Reports/Chapters/General articles etc.-NA

15. Any other Information (maximum 500 words)