


BIO – DATA

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3	Date of Birth	:	18. 04.1989		
4	Gender	:	Female		
5	Academic Qualification (Under graduate Onwards)				
	Degree	Year	Subject	University/Institution	% of marks
1	B.Sc.,	2006-2009	Physics	Bharathidasan University, Trichirappalli	75
2	M.Sc.,	2009-2011	Physics	Bharathidasan University, Trichirappalli	79
3	M.Phil.,	2011-2013	Physics	Bharathidasan University, Trichirappalli	80
6	Work experience (in chronological order).				
	Positions held	Name of the Institute		From	To
	Assistant professor, Department of Physics	Sengamala Thayaar Educational Trust women’s College, Sundarakkottai, Mannargudi		1.8.2015	Till Date
7	Publications (List of papers published in SCI Journals, in year wise descending order).-3				

Author(s)	Title	Name of Journal	Volume	Page	Year
A. Prabavathi, A.R. Balu, V.S. Nagarethinam, N. Raja, M. Suganya, K. Usharani, S. Balamurugan, M. Karthika, C. Kayathiri.	Cauliflower shaped CdO:Mo nanostructures with enhanced photocatalytic activity against the degradation of metanil yellow dye .	Nano- Structures & Nano- Objects	22	100458	2020
A. Prabavathi, A.R. Balu, M. Karthika, M. Suganya, C. Kayathiri, K. Usharani, S. Balamurugan.	Solvent volume dominated improved Haccke's quality factor values realized for CdO:Mo thin films well suited for optoelectronic applications.	Optical and Quantum Electronics	53	721	2021
A. Prabavathi, A.R. Balu, G. Vinitha, Z. Delci, M. Suganya, S. Balamurugan, K. Usharani, S. Anitha, M. Karthika.	Spray solution aging dominated optoelectronic, electrochemical and third order NLO properties of CdO:Mo thin films	Indian Journal of Physics			2022