


## FACULTY PROFILE

<b>Name of Teaching Staff / RMK ID</b>	<b>A. Parvathi Priya /T0664</b>										
<b>Designation</b>	Assistant Professor										
<b>Department</b>	Science & Humanities (Chemistry)										
<b>Date of Joining the Institution</b>	30.07.2011 (Regular)										
<b>Qualifications</b>	M.Sc., M.Phil., (Ph.D.) (Chemistry)										
<b>Total Experience</b>	Overall : 8.1 Yrs	in RMK : 11.3									
<b>Papers Published in Journal</b>	Overall : 04	After Joining RMK : 04									
<b>List of Papers Published</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 5%; text-align: center;">1</td> <td>A. Parvathi Priya, V. Srinivasan , An Overview of Selective Amino acid Based NLO Crystals. International Journal of ChemTech Research, Vol.10 No.7, pp 12-17 (2017).</td> </tr> <tr> <td style="text-align: center;">2</td> <td>A. Parvathi Priya, V. Srinivasan, R. Subhashini, A. Vijayalakshmi. Synthesis and physicochemical properties of a promising nonlinear optical metal organic crystal: Bis(L-alaninato)zinc(II), <u>Materials Letters</u>, Volume 266, 1 May 2020, 127474.</td> </tr> <tr> <td style="text-align: center;">3</td> <td>Vijayalakshmi A, Meena M, Parvathipriya A, BIOELECTRONICS – A REVOLUTION in SCIENCE – A REVIEW, Cikitusi Journal For Multidisciplinary Research, Volume 6, Issue 6, pp 313-317 (2019).</td> </tr> <tr> <td style="text-align: center;">4.</td> <td>Logeshwaran, M., Sheela, J.J.J., Parvathi Priya, A. A High Efficiency Power Generator by Footsteps Using Piezoelectric Effect, Proceedings of the 2<sup>nd</sup> International conference on Artificial Intelligence and Smart Energy, ICAIS 2022,2022 , pp. 1547 – 1553.</td> </tr> </table>			1	A. Parvathi Priya, V. Srinivasan , An Overview of Selective Amino acid Based NLO Crystals. International Journal of ChemTech Research, Vol.10 No.7, pp 12-17 (2017).	2	A. Parvathi Priya, V. Srinivasan, R. Subhashini, A. Vijayalakshmi. Synthesis and physicochemical properties of a promising nonlinear optical metal organic crystal: Bis(L-alaninato)zinc(II), <u>Materials Letters</u> , Volume 266, 1 May 2020, 127474.	3	Vijayalakshmi A, Meena M, Parvathipriya A, BIOELECTRONICS – A REVOLUTION in SCIENCE – A REVIEW, Cikitusi Journal For Multidisciplinary Research, Volume 6, Issue 6, pp 313-317 (2019).	4.	Logeshwaran, M., Sheela, J.J.J., Parvathi Priya, A. A High Efficiency Power Generator by Footsteps Using Piezoelectric Effect, Proceedings of the 2 <sup>nd</sup> International conference on Artificial Intelligence and Smart Energy, ICAIS 2022,2022 , pp. 1547 – 1553.
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<b>Papers Presented in Conferences</b> (Scopus / WoS indexed only)	Overall : 2	After Joining RMK : 2									
<b>Ph.Ds / Projects Guided</b>	Ph.Ds Guided : -	Student Projects Guided : -									
<b>Books Published :</b>	Count: 1										

	Book chapter in the title of An Ecovative Alternative for Plastic: An Overview in the book of Plastic Waste Management Turning Challenges into Opportunities published by Bharti Publication, New Delhi. ISBN: 978-93-91681-06-7.	
<b>Patents</b>	Published Count : 3	Granted Count : -
	1.Biomaterial infused chitosan beads for the effective removal of oil and heavy metal ions	
	2.Development of plant health monitoring and irrigation system	
	3.Virtual mouse system using object detection	
<b>Professional Memberships</b>	1.Indian Society for Technical Education	
	2.Indian Laser Association	
	3.International Association of Engineers	
<b>Consultancy Projects Completed</b>	Count : --	
<b>Awards Received</b>	Count :--	
	List :	
<b>Research grants Received</b>	--	
<b>Orchid Link / ID</b>	<a href="https://orcid.org/my-orcid?orcid=0000-0003-3752-0512">https://orcid.org/my-orcid?orcid=0000-0003-3752-0512</a>	
<b>Google Scholar Link / ID</b>	<a href="https://scholar.google.com/citations?user=L1ergXcAAAAJ&amp;hl=en">https://scholar.google.com/citations?user=L1ergXcAAAAJ&amp;hl=en</a>	
<b>Vidwan Link / ID</b>	<a href="https://vidwan.inflibnet.ac.in/profile/281780">https://vidwan.inflibnet.ac.in/profile/281780</a>	
<b>Research Gate Link / ID</b>	<a href="https://www.researchgate.net/profile/Parvathi-Achudhanandan">https://www.researchgate.net/profile/Parvathi-Achudhanandan</a>	
<b>Scopus Link / ID</b>	57214873205	