


FACULTY PROFILE

Name of Teaching Staff / RMK ID	DR.R.SUBHASHINI / T0675			
Designation	Assistant Professor			
Department	S & H (Physics)			
Date of Joining the Institution	18.8.2011 (Regular)			
Qualifications	M.Sc (Physics)	M.Phil. (Physics)	PhD (Physics)	
Total Experience	Overall : 17.4 years		in RMK : 11.3 years	
Papers Published in Journal	Overall : 6		After Joining RMK : 6	
List of Papers Published	<p>Growth and characterization of Bis (L-threonine) copper (II) monohydrate single crystals: A semiorganic second order nonlinear optical material R Subhashini, D Sathya, V Sivashankar, PSL Mageshwari, S Arjunan Optical Materials 62, 357-365</p> <p>Synthesis and physicochemical properties of bis (l-asparaginato) zinc (II): A promising new semiorganic crystal with high laser damage threshold for shorter wavelength generation R Subhashini, S Arjunan Optics & Laser Technology 101, 248-256</p> <p>Synthesis of a metal coordinated amino acid based nonlinear single crystal, Bis (l-threonine) zinc (II) using the solution growth technique and its physicochemical properties R Subhashini, S Arjunan, B Gunasekaran Journal of Physics and Chemistry of Solids 135, 109077</p> <p>Design of an efficient solution grown semiorganic NLO crystal for short wavelength generation: Bis (L-Threonine) magnesium (II)</p>			

	<p>monohydrate</p> <p>R Subhashini, PSL Mageshwari, V Sivashankar, S Arjunan Materials Letters 200, 109-112</p> <p>Synthesis and physicochemical properties of a promising nonlinear optical metal organic crystal: Bis (L-alaninato) zinc (II) AP Priya, V Srinivasan, R Subhashini, A Vijayalakshmi Materials Letters 266, 127474</p> <p>Theoretical Investigation of Optical and Mechanical Properties of Sodium Hydrogen Succinate Single Crystal: a Third Order NLO Material PSL Mageshwari, R Priya, R Subhashini, V Joseph, SJ Das Mechanics, Materials Science & Engineering MMSE Journal. Open Access 9</p>	
Papers Presented in Conferences (Scopus / WoS indexed only)	Overall : -	After Joining RMK : 9
Ph.Ds / Projects Guided	Ph.Ds Guided : NIL	Student Projects Guided :NIL
Books Published :	Count : NIL	
	List : -	
Patents	Published Count : 1	Granted Count :
	List : COVID PROTOCOL MANAGEMENT SYSTEM (202241019809 31/03/2022)	
Professional Memberships	Count : 3	
	List : 1. Indian Socieity for Technical education 2. International Association for Engineers 3. Indian Laser Association	
Consultancy Projects Completed	Count : NIL	

	Count : NIL
Awards Received	List :
Research grants Received	NIL
Orchid Link / ID	ID : -
Google Scholar Link / ID	ID : XFNIQ4AAAAAJ
Vidwan Link / ID	ID : https://vidwan.inflibnet.ac.in/profile/281856
Research Gate Link / ID	https://www.researchgate.net/profile/R-Subhashini-Krishnan
Scopus Link / ID	ID : 57208176922