


## Faculty Profile

A1	Personal Details	
S.. SARANYA -M.Sc.,M.Phil.,		
Assistant Professor of Mathematics		
Department of Electronics and Communication Engineering		
Knowledge Institute of Technology, Salem - 637 504. India.		
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A2	Areas of Interest	DIFFERENTIAL EQUATIONS
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A3	Subjects Taught	
UG		PG
Mathematics I		Graph theory and optimization Technique
Mathematics II		
Tranform and Partial Differential Equations		
Discrete Mathematics		
Numerical methods		
Probability and Queuing Theory		
Statistics and Numerical Methods		
Matrices and Calculus		
Statistics and Numerical methods		

A4	Academic Background			
Degree	Specialization	Name of the Institute	University	Month and Year of Passing
M.Phil.	Mathematics	King college of Arts and Science for women	Periyar University	2015
M.Sc	Mathematics	KSR College of Arts & Science (Autonomous)	Periyar University	2012
B.Sc	Mathematics	JKK Nataraja college of Arts and Science for women	Periyar University	2010

A5	Work Experience as on June 2022							
Name of the Institution		Position		From		To		
Knowledge Institute of Technology, Salem		Asst. Professor		25.11.2021		Present		
Gnanamani college of Technology		Asst. Professor		01.07.2014		14.11.2021		
Gnanamani college of Engineering		Asst. Professor		18.06.2012		30.06.2014		
Total Experience	10 Years	Teaching	10 Years	Research	-	Administration	-	

A6	Research Publications				
Total Number of Publications	International Journal	National Journal	International Conference	National Conference	Total
	-	-	-	-	-
Publications (Journals)					
	-				
Publications (Conferences)					
	-				

<b>A7</b>	<b>Research Grants/ Projects Received</b>
-	

<b>A8</b>	<b>Patents Filed</b>
-	

<b>A9</b>	<b>Fellowship Received</b>
-	

<b>A10</b>	<b>Memberships in Professional Bodies</b>
<b>S.No.</b>	<b>Name of the Professional Body</b>

<b>A11</b>	<b>Programs Organised</b>
	<ol style="list-style-type: none"> <li>1. Organized POSH Activity - Drawing competition on International Girl Child Day (11.10.2021)</li> <li>2. Azadi Ka Amrit Mahotsav- India @75-Drawing Competition (17.12.2021)</li> <li>3. National Girl Child Day Celebration - Speech competition (24.01.2022)</li> <li>4. Women's Day Celebration - Motivational Program on Women of Tomorrow (09.03.2022)</li> </ol>

<b>A12</b>	<b>Consultancy Works</b>
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<b>A13</b>	<b>Highlights of Major Contributions</b>
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<b>A14</b>	<b>Training Programmes Attended</b>
	<ol style="list-style-type: none"> <li>1. "Effective Teaching Learning Paradigms through Pedagogical Innovations" organized by the Department of Mathematics, Sathyabama Institute of Science and Technology, Chennai, from Feb 7 to Feb 12, 2022.</li> <li>2. "Emerging Trends in Green Energy Technologies" from 21/02/2022 to 25/02/2022 at Government Polytechnic Gondia.</li> <li>3. "Applications and Recreational Problems in Graph Theory" Organized by Department of Mathematics, Kongunadu College of Engineering and Technology (Autonomous), Trichy, Tamilnadu on 20th January 2022.</li> <li>4. "INNOVATION AND CREATIVE PROBLEM SOLVING " Organized by Department of Mathematics, Mahendra engineering college held on 29.01.2022.</li> <li>5. "WOMEN'S HEALTH CHALLENGES &amp; SOLUTIONS" " Organized by Arulmigu Arthanareeswarar Arts and Science College -HR &amp; CE Department, Government of Tamilnadu(Affiliated to Periyar University -Salem)on 08/03/2022.</li> <li>6. "Inculcating Universal Human Values in Technical Education" organized by All India Council for Technical Education(AICTE) from 14<sup>th</sup> March, 2022 to 18<sup>th</sup> March, 2022.</li> <li>7. Workshop on Problem Solving and Ideation Organized by KSR college of Arts and Science held on 25.02.2022.</li> </ol>

<b>A15</b>	<b>Special Lectures Presented</b>
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<b>A16</b>	<b>Awards</b>
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<b>A17</b>	<b>Books Published</b>
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<b>A18</b>	<b>Foreign Countries/ Universities Visited</b>
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