



SRI SHRIDEVI CHARITABLE TRUST (R.)  
**SHRIDEVI INSTITUTE OF  
ENGINEERING AND TECHNOLOGY**



**NAME: RANJITHA R**

**Designation: ASSISTANT PROFESSOR**

**Department: ECE**



<b>Date of Joining</b>	22-08-2024		
<b>Professional Experience</b>	Teaching	Industry	Research
	4Y	1Y	6M

<b>Contact Details</b>	
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<b>LinkedIn</b>	<a href="https://www.linkedin.com/in/ranjitha-r-154b2b150">https://www.linkedin.com/in/ranjitha-r-154b2b150</a>
<b>Google Scholar</b>	
<b>Research ID</b>	
<b>ORCID</b>	0009-0006-9320-7407
<b>Vidwan -ID</b>	<a href="https://vidwan.inflibnet.ac.in/profile/569701/NTY5NzAx">https://vidwan.inflibnet.ac.in/profile/569701/NTY5NzAx</a>

<b>Academic Background</b>
<ul style="list-style-type: none"><li>● <b>Phd : ECE- Optics (Pursuing)</b></li></ul>
<ul style="list-style-type: none"><li>● <b>MTech : Digital Communication Engineering</b></li></ul>
<ul style="list-style-type: none"><li>● <b>BE : ECE</b></li></ul>

<b>Areas of Interest</b>	
<ul style="list-style-type: none"><li>● Photonics</li></ul>	<ul style="list-style-type: none"><li>● Digital Communication</li></ul>
<ul style="list-style-type: none"><li>● Python</li></ul>	<ul style="list-style-type: none"><li>● Basic Electronics</li></ul>

<b>Significant Publications</b>
<ul style="list-style-type: none"><li>● <b>No. of Papers Published in Journals (Numbers and Description) :</b><ol style="list-style-type: none"><li>1. Ranjitha R, Viswanath.K, Navyashree.K "Design and development of vibration analyzer using the tm4c1233h6pm mcu using 3-axis mems accelerometer ADXL325" International Research Journal of Engineering and Technology, Vol-5, pp.1429-1432, Feb2018.</li><li>2. Ranjitha R, Viswanath.K, Navyashree.K "Design and development of vibration analyzer using the</li></ol></li></ul>

tm4c1233h6pm mcu using 3-axis mems accelerometer ADXL325” 2018 3rd IEEE International Conference on Recent Trends in Electronics, Information and Communication Technology (RTEICT 2018), Poster Presentation.

- **No. of Papers Presented in Conferences (Numbers and Description) :**
  1. Chandrika T N , Ranjitha R , Prashanth G R “Tunable Wavelength Filter based on Liquid Crystal Resonant Devices for Optical Communication Systems” 2 nd International Conference on Smart Systems for applications in Electrical Sciences (ICSSES)
- **Book Chapters (Numbers and Description)**
- **List of FDP’s/Workshops (Numbers and Description)**
  1. Data Science Certification from ExcelR Solutions.
  2. NPTEL online certification on A Brief Introduction of Micro-sensors.
  3. NPTEL online certification on Python for Data Science.
  4. NPTEL online certification on Biophotonics.
- **Books (Numbers and Description)**
- **Patents Published (Numbers and Description)**
- **KSCST Student Projects Funded /Funded project and consultancy (Numbers and Information)**
- **Awards/Recognition**
- **Project Guided details**

## Achievements

- **Editorial Board Member**
- **Nominated as**
- **Reviewer for**
- **Invited Speaker for**
- **Resource person for**
- **In-house resource person for**
- **Professional Membership**