

**RNS Institute of Technology, Channasandra, Bangalore-560098**  
**ECE Dept | RESUME - Faculty**

<b>Name</b>	<b>Dr Rajini V Honnungar</b>		
<b>Date of Birth</b>	14/11/1970		
<b>Address</b>	<b>Contact Address:Dr Rajini V Honnungar, Assoc Professor, Department of ECE, RNSIT, Bangalore-98</b> <b>E-mail:rajinivh@gmail.com</b>		
<b>Subject / Discipline/ Major</b>	Electronics and Communication Engineering		
<b>Educational Qualifications</b>	<b>Exam Passed</b>	<b>Institution   University</b>	<b>Year</b>
	Degree: BE (ECE)	G M Institute of Technology, VTU	2009
	Degree: BE(ECE)	Dr Ambedkar Institute of Technology	1993
	PG: M.Tech(Electronics)	B M S College of Engineering	2001
<b>Experience</b>	<b>Nature of Experience</b>	<b>No. of Years</b>	
	Teaching	20	
	Industry/Research	3	
	Total No. of years of Experience	23	
<b>Experience Details</b>	<b>Designation</b>	<b>Institution/ Organization</b>	<b>Duration</b>
	Associate Professor	RNS Institute of Technology	Nov 2011 – till date
	Assistant Prof	RNS Institute of Technology	Aug 2006-Nov 2011
	Lecturer	RNS Institute of Technology	Aug 2004- 2006
	Lecturer	Vivekananda Institute of Technology, Bangalore	Dec 1998 – Aug 2004
<b>Professional bodies Membership details</b>	<ul style="list-style-type: none"> <li>• Senior Member of IEEE</li> <li>• Member of the IEEE Photonics Society/Student Activity Chair Photonics Society</li> <li>• Life Member of the Indian Society for Technical Education.</li> <li>• Member of Women in Engineering, IEEE</li> </ul>		
<b>Other Professional Experiences</b>			
<b>Areas of Research Interest &amp; Guidance</b>	<ul style="list-style-type: none"> <li>• Photonics</li> <li>• Presently guiding 5 Research Scholars in the domain of Optics and Photonics</li> </ul>		
<b>National/ International Work Shops/ Seminars / Conferences Attended</b>	<ul style="list-style-type: none"> <li>• Attended ATAL FDP on " Sensor Technology" hosted by PSR Engg College, Chennai,during June 7- 11,2021.</li> <li>• 5-day Online FDP by VTU on Contemporary Research Trends in Electronics, Communications and Computer Science, July 6-10, 2020</li> <li>• Workshop on "Growing Role of IOT in latest Technological Trends" , June 22-26,2020, School of Information Technology, Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal</li> </ul>		
<b>PapersPresented /Books Published</b>	<ul style="list-style-type: none"> <li>• Madhuri Kulkarni, Rajini V Honnungar, Lecture notes in Electrical Engineering by Springer (ICPSPCT-18) emerging trends in photonics, SP and Communication Engg. "Planar waveguide Bragg Grating pressure sensor-design and applications", Kulkarni, et.al 2019.</li> <li>• Ibrar Jahan, Rajini V Honnungar, "Sensitivity Improvement and Opto mechanical Analysis of Composite Material Using Fiber Bragg Grating", International Journal of Engineering and Technology, 7(4.36)(2018)204-211.</li> <li>• Chethana, K, Rajini V Honnungar, Ibrar Jahan, Comparison Studies on Hand Grip</li> </ul>		

Measurement Techniques using FBG Sensor and sEMG”, 2020 IEEE International Conference on Electronics, Computing and Communication Technologies (CONECCT), Bangalore, India, 2020, pp.1-6, doi:10.1109/CONECCT50063.2020.9198583.

- Chethana K, Rajini V Honnunar, Ibrar Jahan, Haripriya, Bhargava Narayanan, Design and Calibration of Fiber Bragg Grating Sensor for Analysis of Real Time Skeletal Hand Muscle Strength”, INOCON 2020: IEEE International Conference for Innovation in Technology, November 6-8, 2020.
- Soumya.N, Rajini V Honnunar, T. Srinivas, “Design and Optimisation of Micro Ring Resonator for Multimode Condition”, International Conference on Optics and Optoelectronics (XXXVIII Symposium of Optical Society of India), ICOL, pp.85, 05-08, March 2014, IRDE, Dehradun, India
- Rajini V Honnunar, Soumya .N, T. Srinivas, “Optimization of S-bend Waveguide Parameters For Delay Line Based Phase Shifter In Integrated Optics”, International Conference on Optics and Optoelectronics ICOL, (XXXVIII Symposium of Optical Society of India), 05-08, March 2014, IRDE, Dehradun, India (won best paper award by OSI), pp.75.
- Sathish Malathi, Nivesh Mangal, Shafeek Abdul Samad, Rajini V Honnunar, T. Srinivas, 'SOI strip waveguide ring resonator for homogeneous Biosensing' SPIE+Photonics Novel Optical Systems Design and Optimization XIV conference 2011, San Diego, California USA.

**Additional Information**  
(if any)

- Best Teacher Award during 2006 at RNSIT.
- Won the best paper award for Oral presentation at the International conference on Optics and Optoelectronics (ICOL), March, 2014
- Branch Counselor, RNSIT Student Branch.
- Reviewer/Session Chair, IEEE CONECCT, 2020.
- Project funding of 2 lakhs as Co-coordinator under the VTU Competitive Research Funding during 2020.
- Co-coordinator for the AICTE Sponsored 5 day Online FDP on " Recent Trends in the World of Photonics, July 26-30, 2021, with a funding of INR 93,000/-