

## Faculty Profile - VTU FACULTY ID: 4GMEC0005905

**Rajendra Soloni**  
Assistant Professor,  
Department of Electronics and Communication Engineering,  
GM Institute of Technology, Davangere



### Vision

To continue my lecturer career and work for the growth of institution and to gain exceptional career move ahead through long efforts and performance regularity

### Educational Qualifications

1	Pursuing Ph.D. at VTU Belagavi
2	M.Tech in Digital Electronics at BVBCET, Hubli (VTU)
3	BE: Electronics and Communication at SDMCET, Dharwad (VTU)

### Professional Details

### Total experience

Place working: G M Institute of Technology

7 years and 2 months

### Academic / Research Publications

1	<b>Rajendra Soloni</b> , H. S. Rajappa and D. N. Chandrappa, "Design and analysis of multiband reconfigurable microstrip patch antenna with switchable element," <i>2017 International Conference on Advances in Computing, Communications and Informatics (ICACCI)</i> , Udupi, 2017, pp. 288-293. doi: 10.1109/ICACCI.2017.8125855	International Conference
2	Nagaraj K J & <b>Rajendra Soloni</b> "Object Tracking on Joint Colour Texture Histogram using LBP" <i>International Journal for Scientific Research &amp; Development</i> , Volume- 3, Issue-2, April-2015	International Journal
3	Shivalingappa M B, <b>Rajendra Soloni</b> & Dr. Chandrappa D N. "Analysis of Specific Absorption Rate (SAR) of Microstrip Patch Antenna for Wireless Applications" <i>International Journal of Advanced Research in Computer and Communication Engineering (IJARCCE)</i> , Volume 5, Issue 5, May-2016	International Journal

4	Rekha D C, <b>Rajendra Soloni</b> , Rajappa H. S & Dr. Chandrappa D N “Design of Dual Band Microstrip Patch Antenna for RFID Applications” International Journal for Research Trends and Innovation, Page No. 253-257, 2456-3315 June 2017	International Journal
5	Shivalingappa M B, <b>Rajendra Soloni</b> & Dr. Chandrappa D N “Analysis of Specific Absorption Rate (SAR) of microstrip patch antenna for wireless application” National Conference On Recent Trends in Communication and Computing [NCRTCC-2016], 27th February 2016	National Conference
6	Pradeep Kumar, <b>Rajendra Soloni</b> , Venkatasumana C H & Dr. Chandrappa National D N “Design and Simulation of F-shaped reconfigurable microstrip patch antenna for wireless applications” National Conference On Recent Trends in Communication and Computing [NCRTCC-2016], 27th February 2016	National Conference
7	Shruthi, <b>Rajendra Soloni</b> , Rajappa H S & Dr. Chandrappa D N “Analysis of different feeding techniques for microstrip antenna” National Conference On Recent Trends in Communication and Computing [NCRTCC-2016], 27th February 2016	National Conference

#### Workshops / Seminars / Conference organized / attended

1	Participated in Two Days workshop on “ <b>Intellectual Property Rights (IPR)</b> ”organised by KSCST-GMIT IPR Cell in association with Patent Information Centre (PIC), Karnataka State Council for Science & Technology (KSCST), Bengaluru, held on 17 <sup>th</sup> & 18 <sup>th</sup> September 2018 at GMIT, Davangere.
2	Participated in TEQUIP-1.3 Sponsered One Week Faculty Enrichment Program (FEP) on “ <b>Engineering Electromagnetics</b> ” organized by VTU PG Center, Mysore held on 23 <sup>rd</sup> to 27 <sup>th</sup> July-2018
3	Participated in One Week Workshop on “ <b>Designing of Antennas and Microwave Components Using Computer Simulation Technology Studio Suite and Antenna Magus</b> ” organised by Department of Electronics and Communication Engineering, Gokaraju Rangaraju Institute of Engineering and Technology, Hyderabad, held on 27 <sup>th</sup> June – 3 <sup>rd</sup> July 2018”
4	Conducted Two days workshop on “ <b>Antenna Simulation Tool</b> ” on 23 <sup>rd</sup> and 24 <sup>th</sup> March 2018 at SDMIT, Ujire
5	Attended Five days FDP on “ <b>IoT Application Development Using Raspberry Pi and Arduino</b> ” from 1 <sup>st</sup> to 5 <sup>th</sup> Aug-2017 in the Department of ECE, GMIT, Davangere.
6	Two Days workshop on “ <b>Outcome Based Education (OBE) and Outcome Based Accreditation (OBA) pertaining to NBA</b> ” conducted during 10 <sup>th</sup> - 11 <sup>th</sup> February 2017 at GMIT, Davangere
7	Two days workshop on “ <b>LaTeX</b> ” held on 22 <sup>nd</sup> & 23 <sup>rd</sup> July 2016 at CSE, GMIT, Davangere

8	Two days workshop on <b>“Wireless Sensor Network”</b> on 27 <sup>th</sup> & 28 <sup>th</sup> Feb. 2016 held at GM Institute of Technology, Davangere
9	Two days FDP on <b>“Mobile Application Development using ANDROID”</b> during 16 <sup>th</sup> – 17 <sup>th</sup> June 2015 at GMIT, Davangere
10	Three Days FDP on <b>“FEEL Teacher”</b> conducted by CLHRD, Mangalore during 27 <sup>th</sup> – 29 <sup>th</sup> July 2015 at GMIT, Davangere
11	Participated in a Two-Week ISTE workshop on <b>“SIGNALS &amp; SYSTEMS”</b> conducted by IIT, Kharagpur from 2 <sup>nd</sup> -12 <sup>th</sup> January 2014 at UBDTCE, Davangere

### Awards / Achievements

1	Got BEST STUDENT award in SSLC
2	Got SCHOLARSHIP from NAL, Bangalore
3	Qualified GATE-2009

### University responsibilities

1	Assisted to BOE for Practical Examination allotment work -Odd Semester 2018-19
2	Assisted to BOE for Practical Examination allotment work -Odd Semester 2016-17
3	Assisted to BOE for Crash Course Practical Examination allotment work -Odd Semester 2016-17
4	Assisted to BOE for Project Work Viva Voce Examination allotment work -Even Semester 2016-17
5	Crash Course DSP lab Practical Examination at JIT, Davangere–13 <sup>th</sup> May-2016
6	Project work Viva Voce at GMIT, Davangere on 24 <sup>th</sup> June 2017
7	DSP lab Practical Examination at GMIT , Davangere on 3 <sup>rd</sup> Dec-2017
8	DSP lab Practical Examination at BIET ,Davangere 4 <sup>th</sup> Dec-2017

### New Technology / Information learnt / exposed

1	Learnt CST MICROWAVE STUDIO & ANSYS HFSS tools to design reconfigurable antennas
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### Membership details

ISTE life membership	LM108262
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## Personal Details

Gender	Male
Date of Birth	01/06/1987
Email	rajendrass@gmit.ac.in
Contact details	8892668693