

## Faculty Profile - VTU FACULTY ID: 4GMEC0006379

### Vikas C. Yatnalli

Assistant Professor,  
Department of Electronics & Communication Engineering,  
GM Institute of Technology, Davangere



### Vision

To incorporate the continual learning process and to be able to deliver to the fullest in teaching and contribute towards the research and upliftment of the students

### Educational Qualifications

1	MTech in Digital communications
2	BE in Electronics & Communication Engineering

### Professional Details

Total experience: 6.5 years (Teaching: 5.5 Industry:1)

GM Institute of Technology, Davangere

Shaikh College of Engineering and Technology, Belgaum

First Source solutions

### Academic / Research Publications

1	Vikas Yatnalli <b>"IoT Based Intelligent Poultry Management System Using Linux Embedded System"</b> Paper ID: 1570370259
2	Vikas Yatnalli <b>"Energy saving measure in transmission of DWT based image frames over the OFDM channel"</b> Volume I, Page 22, Paper ID: NCRTECC_2016_03
3	Vikas Yatnalli <b>"Sink Mobility supported routing for data collection in wireless sensor networks within multiple mobile"</b> Volume I, Page 41, Paper ID: NCRTECC_2016_070

### Workshops / Seminars / Conference organized / Conducted

1	Conducted "IoT Application Development on Arduino and Raspberry Pi" as Coordinator, Resource Person and Member of Technical Committee held from 21 <sup>st</sup> February – 23rd February 2017.
2	Conducted a Five day 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.
3	Coordinated one day workshop on " <b>LaTeX for Documentation</b> " on 9th November 2013 in Department of ECE, GMIT, Davangere in association with VTU, Belgaum.

### Workshops / Seminars / Conference attended

1	Sensor Networks and Internet of Things SVCE, Bangalore, 5 Days, 29 <sup>th</sup> Dec 2016 to 2 <sup>nd</sup> Jan 2017.
2	Attended one day FDP on " <b>Plagiarism Issues and Essential tools for research Write-ups</b> " organized by Department of ECE, JIT, Davangere on 18 <sup>th</sup> April 2015.
3	Robotryst: A 2 Day Inter Collage workshop in association with IIT Delhi, GMIT, Davangere, 2 Days, 18 <sup>th</sup> & 19 <sup>th</sup> October 2015
4	2 days FDP on Mobile Application Development using Android GMIT, Davangere, 16 <sup>th</sup> & 17 <sup>th</sup> August 2014
5	MATLAB and Simulink in Engineering Education GMIT, Davangere 1 day, 26 <sup>th</sup> August 2013
6	NS-2 for Beginners GMIT, Davangere 2 days, 17 <sup>th</sup> & 18 <sup>th</sup> August 2013

### New Technology / Information learnt / exposed

1	Hardware: Raspberry Pi Micro Computer, Arduino family Microcontrollers
2	ThingsSpeak, Fritzing, MQTT
3	Basics of Speech Processing, Speaker identification techniques

### Details of Academic e-Contents prepared / used

1	NPTEL
2	IEEE, Science Direct Journals
3	Youtube: Signals and systems & Circuit Analysis by Prof. RC. Datta Roy

**Personal Details**

Gender	Male
Date of Birth	27/10/1986
Email	vikasy@gmit.ac.in
Contact detail	9538828965