

## 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 academic activities.

### Educational Qualifications

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

### Professional Details

Total experience: 6 years (Teaching:5, Industry:1)

|   |   |
|---|---|
| GM Institute of Technology, Davangere                 | 4 |
| Shaikh College of Engineering and Technology, Belgaum | 1 |
| First Source solutions                                | 1 |

### Academic / Research Publications

|   |   |   |
|---|---|---|
| 1 | Vikas Yatnalli <b>"IoT Based Intelligent Poultry Management System Using Linux Embedded System"</b><br>Paper ID: 1570370259   | 2017 International Conference on Advances in Computing, Communications and Informatics (ICACCI) |
| 2 | Vikas Yatnalli <b>"Energy saving measure in transmission of DWT based image frames over the OFDM channel"</b><br>Volume I,<br>Page 22,<br>Paper ID: NCRTECC_2016_03                   | National Level conference   |
| 3 | Vikas Yatnalli <b>"Sink Mobility supported routing for data collection in wireless sensor networks within multiple mobile"</b><br>Volume I,<br>Page 41,<br>Paper ID: NCRTECC_2016_070 | National Level conference   |

### Workshops / Seminars / Conference organized / Conducted

|   |   |
|---|---|
| 1 | “IoT Application Development on Arduino and Raspberry Pi” as Coordinator, Resource Person and Member of Technical Committee held from 21 <sup>st</sup> February – 23 <sup>rd</sup> February 2017. |
|---|---|

### 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 | 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 |
| 3 | 2 days FDP on Mobile Application Development using Android GMIT, Davangere, 16 <sup>th</sup> & 17 <sup>th</sup> August 2014                        |
| 4 | MATLAB and Simulink in Engineering Education GMIT, Davangere 1 day, 26 <sup>th</sup> August 2013   |
| 5 | 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  | 27/10/1985        |
| Email          | vikasy@gmit.ac.in |
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