

Faculty Profile - VTU FACULTY ID: 4GMEC0001380

Venkata Sumana CH

Assistant Professor,

Department of Electronics and Communication Engineering,
GM Institute of Technology, Davangere



Vision

To involve myself in a creative and challenging environment where I could constantly and successfully learn and use new technologies to impart knowledge to engineering students.

Educational Qualifications

1	MTech in Digital Communication and Networking
2	BE in Electronics and Communication Engineering
3	Diploma in Electronics and Communication Engineering

Professional Details

Total Teaching Experience: 16years

G M Institute of Technology, Davangere	13 years
University B D T College of Engineering , Davangere	03 years

Academic / Research Publications

1	Extraction of bright and dark features of buildings from VHR SAR images and detecting them automatically, 2D reconstruction of radar footprints, Volume 02 issue 02, April-june 2014,	IJRT journal
2	Structural Improvement of Dental X-ray Image for Human Identification, Volume 02, issue 08, August 2015	IJSRES Journal
3	Energy efficient multi group based adaptive clustering algorithm for WSN	National Conference
4	Design and Simulation of F-shaped Reconfigurable micro strip patch antenna in wireless applications	National conference
5	Design and Implementation of E-shaped reconfigurable micro strip patch antenna for WC.	National conference
6	Detection of underwater images of fish-using feature learning technique. Volume 02, Issue 5, May-2017	IJRTI Journal

Awards / Achievements

1	State First Rank in Diploma, ECE.
2	University First rank with Gold Medal in BE, ECE.
3	University First Rank in MTech , DCN.

Workshops / Seminars / Conference organized / Conducted

1	Participated as Teaching Assistant for 2 week ISTE workshop on Signals and Systems (02-01-2012 to 12-01-2012) held at UBDTCE, Davangere.
2	WIZIDEA-13 State level Idea presentation -Event convener

Workshops / Seminars / Conference attended

1	Attended Seminar on Optical Networks held at UBDTCE,Davangere
2	Attended National Seminar on Role of Faculty in the examination system held at GMIT, Davangere
3	Attended two days FDP on Lab View and its Applications held at BIET, Davangere.
4	Attended Workshop on MSP430 microcontroller- held at GMIT, Davangere.
5	Attended workshop on Latex for documentation-held at GMIT, Davangere.
6	Attended three days FDP on Feel Teacher By CHLRD held at GMIT, Davangere.
7	Attended two days workshop on Wireless Sensor Network-organized in association with APCOG Pvt.Ltd. Bengaluru- held at GMIT, Davangere.
8	Attended five days FDP on IoT Application Development using Raspberry Pi and Arduinio - held at GMIT, Davangere.
9	Attended workshop on Computer Networks Simulation Using NCTUns & Networking Concepts, Algorithms using C Programming, GMIT, Davangere.

University responsibilities

1	BOE for Davangere university for the year 2009-2010
2	BOE for Kuvempu university for the year 2012

New Technology / Information learnt / exposed

1	Learnt about LABVIEW and AUTOCAD
2	Exposure to IoT applications

Details of Academic e-Contents used

1	NPTEL Videos
2	IEEE Explorer
3	Springer
4	Technical Videos on youtube

Membership details

LMISTE	LM 108260
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Personal Details

Gender	Female
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