

RESUME

Ms. Sneha B Kotin

Assistant Professor

Dept. of ECE

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OBJECTIVE:

I wish to work in an organization, which appreciates my efforts and provide guidance with a healthy environment to bring out the best of my ability and contribute towards the growth of organization.

EDUCATION:

Course	Institution	University / Board	Year of Passing	Percentage/ Class Secured
M.Tech (Digital Communication)	Shri B.V.V Sangha's Basaveshwar Engineering College, Bagalkot.	Visvesvaraya Technological University, Belgaum	2014	9.12 (CGPA)
B.E (ECE)	Rural Engineering College, Hulkoti.	Visvesvaraya Technological University, Belgaum	2011	64.7%
PUC/12 th	Kittur Rani Chennamma Composite College, Kittur	Dept of P.U. Education, Karnataka Board	2007	67.67%

S.S.L.C/10 th	Kittur Rani Chennamma Residential School for girls, Kittur	Karnataka Secondary Education Board.	2005	88.16%
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TECHNICAL PROFICIENCY:

Subjects Handled: Basic Electronics, Control System, Information Theory and Coding, Power Electronics, Satellite Communication, Wireless Communications.

Labs Handled: Power Electronics , Advanced Communication lab.

Tools: Comsol Multi physics, Coventor ware

PERSONAL SKILLS:

Punctuality,

Hard working,

Quick learner,

Team worker and

Good Time management skills.

EXPERIENCE

- **FIVE years of teaching Experience .**
- Since from August-2015 Working as *Assistant Professor* in Electronics and Communication Engineering Department of Biluru Gurubasav Mahaswamiji Institute of Technology Mudhol.

ACADEMIC PROJECTS:

BE Project Title: VLSI Based Design and Implementation of Color Conversion RGB to YCbCr and Vice-versa

Description: The motivation behind this project to design a color space converter module using VHDL description used in image and video processing applications. Because in video processing capture and display equipments are RGB and while the processing on these information is done in another color space YCbCr. So the display device needs a color converter module which displays the image.

The main objective of the project is to obtain a color Space Converter, which should be used for all types of applications.

M.Tech Project Title: Design And Simulation Of MEMS Capacitive Pressure Sensor For High Temperature Applications

Description: MEMS are systems of small size ,light weight, enhanced performance and reliability, finding widest applications in sectors of automotive and instrumentation. A typical MEMS Sensor is at least one order of magnitude smaller than the traditional sensors used to measure instantaneous flow quantities like Pressure and Velocity. In this project we focus on the outlook of measurement of Pressures and provide general background Design Criteria. The different geometries of MEMS Capacitive Pressure Sensor for high temperature application are being modeled and simulated using FEM analysis. COMSOL and COVENTERWARE are used as simulating tools.

PUBLICATIONS:

Technical papers published in journals:

1. Vinay Shettar, **Sneha B. Kotin**, Kirankumar B. B, B. G. Sheeparamatti “SIMULATION OF DIFFERENT MEMS PRESSURE SENSORS” International J. of Multidispl. Research & Advcs. in Engg.(IJMRAE),ISSN 0975-7074, Vol. 6, No. II (April 2014), pp. 73-81 (International Conference on Power Electronics and Drives-2014)
2. Kirankumar B. B,Vinay Shettar, **Sneha B. Kotin**, B. G. Sheeparamatti “DESIGN AND SIMULATION OF MEMS CAPACITIVE PRESSURE SENSOR” Communicated for Second International Conference on Emerging Research in Computing, Information, Communication and Applications’(ERCICA-14)
3. Bageerathi G,Chetan M, Tameez J, Vinay Shettar, Ravi Bashetti, **Sneha Kotin** “Design and simulation for different geometries of MEMS cantilever” National Conference on recent technologies in Electrical and Electronics: ISBN-978-81-927555-9-5
4. Saraswati U, Ashwini C,Basavaraj B,Ashwini P, Ravi Bashetti, **Sneha Kotin**, Vinay Shettar“Design and simulation of piezo electric MEMS based mender shaped energy harvester” National Conference on recent technologies in Electrical and Electronics: ISBN-978-81-927555-9-5
5. Savita S,Heena G,Ashok M,**Sneha Kotin**, Vinay Shettar,Ravi Bashetti“DESIGN AND SIMULATION OF CAPACITIVE PRESSURE SENSOR” National Conference on recent technologies in Electrical and Electronics: ISBN-978-81-927555-9-5

WORKSHOP ATTENDED:

- Two days Student Development Programme on “Rapid Qualnet Simulator”, 14th- 15th May 2013 at Basaveshwar Engineering College, Bagalkot.
- Three days Faculty Development Programme on “Recent Advances in Wireless Networks” from 16th to 18th May 2013 at Basaveshwar Engineering College,

Bagalkot.

- Three days National Level Workshop on “Implementation of Signal Processing Algorithms Using FPGAs” from 23th to 25th May 2013 at Basaveshwar Engineering College, Bagalkot.
- Three days National Level Workshop on “Technical Documentation Using LaTeX” from 27th to 29th May 2013 at Basaveshwar Engineering College, Bagalkot.
- Three days Faculty Development Programme on “Soft and Evolutionary Computing Techniques and its Applications” from 30th May to 1st June 2013 at Basaveshwar Engineering College, Bagalkot.
- One day workshop on “COMSOL-Multiphysics” on 25th April 2014 at Kshema-in Belagum
- Three days National level workshop on “Intel Atom Processor based Embedded system Design and Development ” from 28th to 30th May 2014 at Basaveshwar Engineering College, Bagalkot, Karnataka.

PERSONAL PROFILE:

Name	: Sneha B Kotin
Father’s Name	: Basavaraj
Date of Birth	: 4 th July, 1989
Gender	: Female
Marital Status	: Married
Nationality	: Indian
Languages Known	: Kannada, English
Hobbies	: Playing carom and hockey
Permanent Address	: Ms. Sneha B Kotin Assistant Professor Dept. of ECE BGMIT, Mudhol Mudhol-587313 Dist: Bagalkot

DECLARATION:

I Ms. Sneha B Kotin hereby declare that the details given above are correct and true to the best of my knowledge and belief.

Place: MUDHOL

Date: 04/01/2020

(Ms. Sneha B Kotin)