

	<p>Mrs. Sneha Basavaraj Kotin Assistant Professor Department of Electronics and Communication Engineering sneha.kotin050@gmail.com +91-9535311816</p>
Office Address	Department of Electronics and Communication Engineering Biluru Gurubasava Mahaswamiji Institute of Technology, Mudhol-587313, Karnataka, India. Office Phone: 08350 454452
Experience	11 Years Teaching Experience 05 Years of Research Experience
Qualification	<ul style="list-style-type: none"> • Ph.D.(Pursuing) <i>(Electrical & Electronics Engineering Sciences)</i> Visvesvaraya Technological University (VTU), Belagavi. • M. Tech. (Digital Communications) 2014 Basaveshwar Engineering College, Bagalkote, Visvesvaraya Technological University (VTU), Belagavi. (Thesis Title: Design and Simulation of MEMS based capacitive Pressure Sensor for High Temperature Application.) • B. E. (Electronics & Communication Engineering) 2011 Rural Engineering College, Hulakoti Visvesvaraya Technological University (VTU), Belagavi.
My ID's	<ul style="list-style-type: none"> • AICTE Faculty ID: 1-2911012927 • VTU Faculty ID: 2LBEC0006645
Subject Handled	Digital System Design Using Verilog, Principles of Communication System, Wireless Communication System, Micro Electro Mechanical System, Verilog HDL, Basic Electronics, Information Theory and Coding, Network Analysis and Control System.
Area of Interest	Internet of Things (IoT), MEMS.
Professional Bodies Membership	
Mini Projects Guided	UG (Last Three Years) 04
Projects Guided	UG (Last Three Years) 05

Research Grants:

Student Project Grants: 15

1. KSCST-2023-24

Rs.5000

Project Associates: Ms. PREETI VENKANAGOUDA PATIL,
Ms. DEEPA G. BADIGER

Ms. SUMITRADEVI CHANNAPPA MANGSULI
Project Title: "RAPID RESPONDER" – AN AUTOMATIC AMBULANCE RESCUE SYSTEM"

2. KSCST 2025-26

Rs.5000

Project Associates: Ms. BUSERA SHAIKH
Ms. KEERTI MALABASARI
Ms. SHREYA AWATI
Mr. SIDDAPPA BARKOL

Project Title: " SMART SIGHT ROVER – WHERE SMART VISION MEETS SMART MOTION"

From Karnataka State Council for Science and Technology (KSCST)
Department of Information Technology, Biotechnology and Science and Technology
(Dept. of IT & BT),
Government of Karnataka

Consultancy

Publications (15)

Book Chapter	00
Journals	05
Conferences	10

Books/Book Chapters/Proceedings

Journals

1. V. Shettar, **S. B. Kotin**, B. G. Sheeparamatti, and M. Sutagundar, “Challenges and future prospects of thin film deposition techniques: A critical review,” International Journal of Research and Analysis in Science and Engineering, vol. 4, no. 5, pp. 180–192, Sept. 2024, ISSN: 2582-8118.

National and International Conferences

2. L. Yadawad, V. Shettar, **S. B. Kotin**, and S. Tankasali, “Jalayantra—The underwater explorer drone: Design and implementation,” in Proceedings of the 2025 International Conference on Smart & Sustainable Technology (INCSST), July 2025, doi: 10.1109/INCSST64791.2025.11210408.

Training/Courses

AICTE/IIT/IIIT/NIT

FDP/Seminars/Workshops

1. One week online FDP on “*Advanced Perspectives in IOT* ”, organized by *Government College of Engineering Station Road Aurangabad*, in association with AICTE Training and Learning Academy (ATAL), from *09/02/2026 to 14/02/2026*.
2. One week online FDP on “*Advanced Mathematical Frameworks for Nonlinear Dynamics and Geometric Analysis in the era of Artificial Intelligence*”, organized by *Department of Mathematics, Dr.TTIT, KGF* from *16th to 20th February 2026*.

Judge/Expert/Research/Talks

Professional Activities

College Assignments

1. Ladies Hostel Warden from 2022 to 2025