KAVITA AVINASH PATIL

ASSISTANT PROFESSOR
DEPARTMENT OF ECE

PROFILE

CONTACT & LINKS

- Dedicated & Committed Faculty in Department of ECE, with 10 years of experience in teaching UG & PG Students.

- Subjects Handled: Machine learning, Network theory, Signals and systems, Microcontroller, Analog Communication, VLSI design, Power Electronics, Power Electronics and Instrumentation, Basic Electronics, Digital VLSI design, Electromagnetic Field theory

- • Skills: Organizer, Good Communicator/Speaker, Ability to adopt new technologies

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LinkedIn:
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EDUCATIONAL QUALIFICATIONS

PROFESSIONAL EXPERIENCE

B.E(ECE)-KLE Society's College of Engineering & Technology, Belagavi-2010
M. Tech (VLSI DESIGN AND EMBEDDED SYSTEM)- KLE Society's College of Engineering & Technology, Belagavi- 2012

Teaching Experience: 10 years

INSTITUTION/DEPARTMENT RESPONSIBILITIES

RESEARCH AREA/SPECIALISATION/ RESEARCH GRANTS/ PROJECTS IF ANY

- Departmental in charge for Raspberry Pi projects
- Result Analysis Coordinator
- Sports Co-ordinator
- Part of Departmental NBA Accreditation Team
- Working in Admission Process
- Department Google Cloud coordinator
- Facilitator for various events and activities
- Quiklrn Department SPOC
- IA coordinator
- MOM Co-ordinator

- Specialization: VLSI Design & Embedded Systems, Image Processing
- Research Interest: Image Processing, Machine Learning & Artificial Intelligence

ACHIEVEMENTS/ACCOMPLISHMENTS/AWARDS/RECOGNITION/GUEST LECTURES DELIVERED

- Program Coordinator for Organizing Five days FDP program on "VLSI design and Mentor Graphic tools" at EPCET in association with Corel Technologies.
- Program Coordinator for Organizing 5 days FDP program on "Modelling and Simulation tools in ECE" on behalf of ECE Dept. EPCET
- Response Coordinator for organising 2 days' workshop on "Image processing techniques in MATLAB" on behalf of ECE Dept.
- Participated in Various Webinars and workshops
- Trained more than 30 students in Project work

PUBLICATIONS/PATENTS/BOOKS	ASSOCIATION WITH PROFESSIONAL BODIES
- Kavita Avinash Patil & K. V. Mahendra Prashanth, "Texture Feature Extraction of CTB Radiograph Image Using Derivative Gaussian filter with NN Classification to Diagnose Osteoporosis," International Journal of Innovative Technology and Exploring Engineering, June 8, Volume 8, Issue 8, ISSN: 2278-3075, pp-60-67,2019. - Christy Bobby, T. & Kavita Avinash Patil," Biomaterial and Nano-Biomaterial for Bone Tissue Engineering – A Review: Materials for Bone Tissue Engineering", FAST Bioengineering Journal,2014.	- Institute of Engineers

PROFESSIONAL COURSES COMPLETED

- Google Cloud Badges.
- NPTEL Course in Machine learning.
- Coursera course in Python and Machine learning.