



Ms.Ragi R G

Assistant Professor

Department of Electronics and Communication Engineering

College of Engineering Vadakara

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Qualifications:

- B.Tech in Electronics and Communication Engineering
- M.Tech in Digital Electronics

Experience:

- Worked as Lecturer in N.S.S College of Engineering Palakkad for 6 Month in 2006
- Worked as Assistant Professor in College of Engineering, Vatakara during 2006-16
- Worked as Assistant Professor in College of Engineering, Thalassery during 2016-19
- Working as Assistant Professor College of Engineering, Vatakara from 2019 onwards
- Total service: 15 years

Areas of Interest:

- Signal Processing
- Image Processing

Positions held:

- Currently IQAC Co-ordinator
- Head of Department 2014-16 at CE Vatakara
- Class Advisor of 2016-18 M Tech Batch
- Internal Exam Coordinator 2017-19
- Member College Council 2014-15

Subjects Taught:

- Probability and Random Process, Signals and Systems, Computer Organisation and Architecture, Electronic Circuits, Microprocessors, Electromagnetic Theory, Digital Electronics, Digital System Design, Digital Signal Processing, Digital Communication, Digital Image Processing, Computer Vision
- Signal Processing Lab, Micro processor Lab, Digital Electronics Lab, Electronic Circuits Lab, Embedded System Lab

Publications:

- Ragi et al., "VLSI Architecture Design and Implementation of CANNY Edge Detection Subsystem", International Journal of Science and Research (IJSR), Volume 10 Issue 3, March 2021, ISSN: 2319-7064, pp 143-150

Training Programmes Organised:

- FDP on "VLSI Design and FPGA Implementation" conducted on 21st to 24th August 2014 at College of Engineering Vadakara.
- Workshop on "Python Programming" 11th -12th February 2020 S8 ECE students.
- Webinar on "Hardware Design Flow" for S3 S5 ECE students under Teqip II on 11th and 12th January 2021.
- Webinar on "Image Processing" for S3 ECE students under Teqip II 5th,6th February 2021.
- Expert talk on "Embedded Systems" for S6 24th 27th July 2021 S6 ECE students.

Training Programmes Attended:

- Workshop on LaTeX conducted on 7th July 2012 at NIELIT Calicut.
- FDP on "Embedded Systems 'ES-2013' " conducted on 27th to 31st August 2013 at College of Engineering Vadakara.
- FDP on "Electromagnetics in VLSI" conducted on 16th to 21st June 2014 at NIT Calicut.
- FDP on "DSP and Control Systems: Principles and Approaches" conducted on 1st to 6th December 2014 at College of Engineering Vatakara.
- FDP on "Antenna & Wave Propagation; Theory and Tools" conducted on 12th to 16th January 2015 at College of Engineering Vatakara.
- FDP on "Pattern Recognition and Machine Learning" Theory and Tools" conducted on 19th to 23rd January 2015 at College of Engineering Vatakara.
- FDP on "Research Methodology for Science, Engineering and Management" Theory and Tools" conducted on 25th to 30th May 2015 at NIT Calicut.
- FDP on "Hi-Impact Leadership-Blue Print for Success" conducted on 8th to 10th October 2015 at Govt. Engineering College BartonHill, Trivandrum
- FDP on "Computer Networking and Management" conducted on 16th to 20th November 2015 at College of Engineering Vadakara
- FDP on "Recent Trends and Techniques in Digital Image Processing" conducted on 30th November to 5th December 2015 at College of Engineering Vadakara
- FDP on "VLSI Design using Cadence" conducted on 14th to 18th December 2015 at College of Engineering Vadakara
- FDP on "Recent Trends in Cryptography and network security (RTCNS)" conducted on 18th to 22nd January 2016 at College of Engineering Pune.
- FDP on "Bio-signal Processing" conducted on 25th to 30th April 2016 at College of Engineering Vatakara.
- "Educational Leadership Programme" conducted on 23rd to 28th May 2016 at IIM Kozhikode.
- "Faculty Development Programme (TLC)" conducted on 28th to 30th July 2016 at IIT Madras

- “Workshop on Machine Learning for Medical Image Analysis” conducted on 18th to 22nd June 2016 at IIT Mandi
- FDP on “Wireless Communications and recent researches” conducted on 24th to 28th October 2016 at College of Engineering Vatakara.
- FDP on “MATLAB- The power behind the L-shaped Membrane” conducted on 9th to 13th January 2017 at Govt. College of Engineering Kannur.
- FDP on “Signal Processing Systems” conducted on 21st to 24th March 2017 at College of Engineering Trikaripur
- FDP on “Emerging fields of mathematics for Researchers” conducted on 18th to 22nd December 2017 at College of Engineering Thalassery.
- FDP on "Power Electronics technology ,it's Application and Control" PETAC-'19 conducted on 14th to 18th January 2019 at College of Engineering Vadakara.
- FDP on "Analog and Digital Integrated Circuit Design using EDA Tools" conducted on 21st to 25th January 2019 at Govt. College of Engineering Kannur.
- FDP on " Computer Vision and Deep Learning using Python & Open CV " conducted on 4th to 8th February 2019 at Govt. College of Engineering Kannur.
- FDP on " Nanoelectronics & VLSI" conducted on 5th to 7th August 2019 at College of Engineering Vadakara.
- FDP on " Deep Learning and Machine Learning Approaches and its Applications" conducted on 9th to 13th December 2019 at NIT Calicut.
- FDP on " Deep Learning Using Python " conducted on 13th to 18th January 2020 at Govt. Engineering College Kozhikode.