




DAYANANDA SAGAR ACADEMY OF TECHNOLOGY AND MANAGEMENT

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi)

Opp. Art of Living, Udayapura, Kanakapura Road, Bangalore- 560082

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Accredited NBA, NAAC with A+, New Delhi

Faculty Name	ASHA RANI A R	
Academic Designation	Assistant Professor	
Educational Qualification	BE, M. Tech,(Ph.D)	
Experience in Years	10.3yrs	
Area of Interest	VLSI, Nanotechnology, Machine Learning, Artificial intelligence	
Date of Birth	04/03/1987	
Email ID	Asharani-ece@dsatm.edu.in	

Educational Details

- Ph.D - Pursuing in VTU
- M.Tech in Dayananda Sagar College of Engineering, Bangalore under VTU Belgaum 2011.
- B.E in Vemana Institute of Technology, Bangalore under VTU Belgaum 2008.

Personal Details

- Date of Birth: 04-03-1987
- Hobbies: Reading, painting
- Languages Known: English, Kannada, Telugu,

Professional Experience

- Worked as Lecturer in BTLIT at Bangalore from 03-10-2011 to 16-07-2014

Publications

International Journals:

1. Asha Rani A R "Headlight Switch Control using Raspberry Pi", International Journal of Engineering Research in Electronics & Communication Engineering, Vol 4, Issue 5, May 2017.
2. Asha Rani A R, Anjali, "Smart Street Light System Using Reconfigurable FPGA Tool", International Journal of research In Engineering, Science and Management, Volume-1, Issue-7, July 2018.
3. Asha Rani A R, Anjali.P, "Third Generation AMBA (AXI) Implementation using Verilog", International Journal of Research in Electronics and Computer Engineering (IJRECE), vol-6, issue-3, september-2018.

International Conferences:

- Shivalinga Swamy G.D, Asha Rani A R, Anjali.p., "A review on improvement of power

quality and performance using LVRT for grid connected solar farms with split TCSC”, First International Conference on Advanced Technologies in Intelligence Control, Environment, Computing and Communication Engineering, ICATIECE-2019, 19th-20th March 2019, DSATM Bangalore-82.

National Conferences:

- “Mat lab Simulink based digital PID controller for DC-DC converter”, third National Conference on convergence of science, technology and Management (NCCSTM - 2016), at DSATM on 19TH MAY 2017.

Conference Attended

- National Conference on convergence of science, technology and Management (**NCCSTM-2016**)
- First International Conference on Advanced Technologies in Intelligence Control, Environment, Computing and Communication Engineering(**ICATIECE-2019**)

Workshop Attended

- Attended 2 day workshop on “**ARM -PROCESSOR**” at Dayananda Sagar Academy of technology and Management

Academic Activity

- Represented as NBA and NAAC coordinator
 - Represented as Test coordinator for year 2017-18
 - Acted as Lab in-charge in department level
 - Deputed for lab internal and lab external duties.
- Organized 5 days Faculty Development Program on “**Artificial Intelligence-MLT & Deep Learning Using LabVIEW**” during 28th January to 1st February 2020.

Faculty Development Activity/Workshops

- Successfully completed Part1 of the online **UHV Refresher1** FDP organized by AICTE, New Delhi from 30th august to 3rd September 2021
- A 5 Day FDP on “**Inculcating Human Values in Technical Education**” organized by AICTE from 18th January to 22 January 2021.
- A 5 Days online FDP on “**Advancement in signal and image processing**” organized by Dept. of ECE, in association with IEEE and IETE Student chapter, Atria Institute of Technology from 8-12th February 2021.
- A 5 day FDP on “**Signal Processing Applications**” held from 21st -25th September 2020 organized from department of Instrumentation and Electronics department , college of Engineering, Bhubaneswar, Odisha.
- A 10 day FDP on “**Research Orientation**” from 8-18th September 2020 at Dayananda Sagar Academy of Technology and Management.
- A 5 day virtual FDP entitled “**Skills and opportunities in VLSI**” from 27th-31st July 2020 organized by Dept of ECE,DSATM, Bangalore
- A 6 Day FDP on “**Recent Trends in VLSI Design**” organized by dept of ECE,

Lakshmi Narain college of Engineering on 22nd-26th June 2020, Bhopal, MP

- A 5 day FDP on “**Artificial Intelligence**” from 24-04-2020 to 28-04-2020 at Indian Institute of Information Technology(IIT Nagpur),AICTE Training And Learning Academy(ATAL)
- A 5 day FDP on “**Machine learning using python**” at Dayananda Sagar Academy of technology and Management
- A 5 days FDP on “**Embedded system designs, IOT & IOT Security Protocols**” at Dayananda Sagar Academy of technology and Management

Contact Details

Assistant Professor, Department of Electronics & Communication Engineering

Dayananda Sagar Academy of Technology & Management

Udayapura, Kanakapura Road

Bengaluru-560082

Mail ID: .asharani-ece@dsatm.edu.in

Phone No.:9738865457