




DAYANANDA SAGAR ACADEMY OF TECHNOLOGY AND MANAGEMENT
22 Mile, B.M Kaval, Udayapura, Kanakapura Road, Bangalore-560082.

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Faculty Name	Prof. Monica K M	
Designation	Assistant professor	
Educational Qualification	B.E, M.Tech (Ph.D)	
Experience in Years	3.5	
Area of Interest	Power electronics and controller	
Email ID	Monika23.maresh@gmail.com	

Educational Details

- Ph.D (registered under VTU in 2019)
- M.Tech in Power electronics, VTU
- B.E, EEE, VTU

Personal Details

- Hobbies: Badminton, Basketball, reading books, Knitting
- Languages known: English, Kannada and Hindi

Professional Experience

- Assistant professor, Dept of EEE, DSATM
- Worked as a Junior Research Fellow, DRDO.
- Worked as Assistant professor, Dept of EEE, AIT

Publications

International Journals:

1. Monica K M, Shravya A R, Vindhya P Malagi, Krishnan R, "**OTUC-AD Challenge Dataset for Object Tracking under Occlusion**", Defense Science Journal, Vol-69, No. 4, July 2019, DESIDOC.
2. Monica K M, Sunitha N S, Shivkumar K S, "**Implementation of SAS using LCC resonant converter and interfacing with boost converter**" Imperial Journal of Interdisciplinary Research (IJIR) Vol-3, Issue-3, 2017 (Special Issue) , ISSN: 2454-1362, <http://www.onlinejournal.in> Proceedings of 4th International Conference on Current Trends in Engineering, Science Technology and Management
3. Monica K M, Shravya A R, Vindhya P Malagi, Krishnan R, "**A Comprehensive Survey on a Multi Object Tracking Under Occlusion in Aerial Image Sequences**",

International Conference on Engineering and Technology (ICET-2018), Bangalore - March 2018.

National Journals:

1. Monica K M, Abhay A Deshpande, “Motion detection: A bio-mimetic vision sensor versus a CCD camera sensor”, International Conference on Emerging Research in Computing, Information, Communication and Applications (ERCICA-2014) , Bangalore – August 2014. The Proceeding is published in ELSEVIER

Conferences:

2. Monica K M, Smitha S V, Sushma J, Sowmya K S, “**Design of an optimized stand-alone hybrid solar wind power plant**”, 3rd National Conference on Advanced Techniques in Electrical Engineering (ATEE-2010), Bangalore-March 2010.

Academic Activity

1. . Project coordinator for the academics

Contact Details

Assistant professor, Department of Electrical & Electronics Engineering
Dayananda Sagar Academy of Technology & Management
Udayapura, Kanakapura Road Bengaluru-560082
Mail ID: monika23.mahesh@gmail.com
Phone No.: 7204416900

My Vision

- To be a dynamic center of innovation and creativity dedicated to teaching, lifelong learning, professionalism, research, entrepreneurship, and partnership with local and global communities.