



DAYANANDA SAGAR ACADEMY OF TECHNOLOGY & MANAGEMENT
(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi)
Opp. Art of Living, Udayapura, Kanakapura Road, Bangalore- 560082
DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING
Accredited 3 years by NBA, New Delhi (Validity : 26-07-2018 to 30-06-2021)

Faculty Name	Karthik S A	
Designation	Asst. Professor	
Educational Qualification	B.E., M.Tech., LMISTE., (Ph.D)	
Area of Interest	Digital Image Processing, Networking, Data Mining	
Email ID	karthiksa1990@gmail.com	

Educational Details

- Ph.D Pursuing
- M.Tech in Computer Network Engineering.
- B.E in Information Science and Engineering.

Personal Details

- Date of Birth: 03/01/1990
- Hobbies: Reading Novels,
- Languages Known: Kannada English , Hindi

Professional Experience

- Working as Asst. Professor in Dept. of ISE at DSATM from 29/07/2013 to till date.

Publications

International Journals:

- Published a paper titled “Pedestrian, Lane And Obstacle Detection In Intelligent Transport System” in *International Journal* of Contemporary Research in Computer Science and Technology (IJCRCST) *e-ISSN: 2395-5325* Volume3, Issue5 (May’2017)

National Journals:

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Conferences:

- Presented and Published a paper titled “An Enhanced Approach for Spot Segmentation of Microarray Images”, in International Conference on Computational Intelligence and Data Science (ICCIDS 2018) , New Delhi, **ELSIVER**
- Published a paper titled “An Efficient Approaches For Spot Segmentation and

Extraction of Microarray Images” in National Conference on Convergence of Science, Technology & Management - NCCSTM-2018

- Published a paper titled “**An Automated and Efficient Approach for Spot Identification of Microarray Images Using X-Covariance**” *In the proceedings of International Conference on Cognition and Recognition, Lecture Notes in Networks and Systems 14, DOI 10.1007/978-981-10-5146-3_26* in 2017, **SPRINGER**
- Published a paper titled “**An Automated and Efficient method for segmentation of cDNA Microarray Images**” in National Conference on Convergence of Science, Technology & Management - NCCSTM-2017
- Published a paper entitled as, “**New Approaches For Segmentation Of Microarray Images.**” in National Conference (NCCSTM-2016) held at DSATM, Bangalore
- Published a paper entitled as “**Modeling and Optimization of packet processing engines with Green Networking**” in National Conference (NCGCT-2015) held at DSATM, Bangalore
- Published a paper entitled as “**An Efficient Enhancement Technique for Microarray Images**” in Third International Conference on Computational Intelligence and Information Technology –CIIT 2013, **ELSEVIER**

Awards

- Awarded Best paper in Fourth National Conference on Convergence of Science, Technology and Management (NCCSTM-2018) for the work on “**An efficient approaches for spot segmentation and extraction of microarray images.**”

Academic Activity

- Worked as a coordinator for Faculty Development Program on “**Machine Learning using Python**” conducted by Dept. of, ISE , DSATM, Bangalore from July 16th to 20th 2018.

Faculty Development Activity

- Attended Faculty Development Program on “**Machine Learning using Python**” conducted by Dept. of, ISE , DSATM, Bangalore from July 16th to 20th 2018.
- Attended Faculty Development Program on “**Data Science using Python**” conducted by Dept. of CSE, ISE and MCA, DSATM, Bangalore from June 18th to 20th 2018.
- Participated in Three days Workshop on “**OBE practices**” in DSATM, Bangalore from 11th to 13th December 2017
- Participated in Three days **NBA Workshop** in DSATM, Bangalore from 11th to 13th December 2017
- Participated in Three days Workshop on “**Emerging Trends in Cloud and Data Centre**” conducted by Dept of CSE, JSSATE, Bangalore from 22nd to 24th 2016
- Attended Faculty Development Program on “**Predictive Analytics**” conducted by ACCENTURE Technology Bangalore on December 16th 2015
- Attended Faculty Development Program on “**Machine Intelligence and Image Processing**” held at SJBIT Bangalore from Sept 20th to 24th 2015.

- Attended Faculty Development Program on “*Programming C and Data Structures*” held at RNSIT, Bangalore from July 24th to 25th 2014.
- Attended Faculty Development Program on “*Big Data Analytics*” held at SJBIT Bangalore Jan 27th to 31st 2014.

Administrative Activity

Professional Membership

LIFE TIME MEMBER OF ISTE

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Contact Details

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 Bengaluru-560082
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My Vision

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