



MAHARAJA INSTITUTE OF TECHNOLOGY THANDAVAPURA
MYSURU - OOTY ROAD, JUST OFF NH 766 NANJANAGUDU TALUK,
THANDAVAPURA, KARNATAKA 571302

Date:04/08/2023

Faculty Profile

Name:	Dr.Swarnalatha.K	
Current Designation:	Associate Professor and HOD	
Date of Current Designation	03/07/2017	
Department	Artificial Intelligence and Datascience	
University Faculty Reg. No	4MNIS0005666	

Qualification:

Degree	Year	College and University
Ph.D	2022	K. L. E. Institute of Technology, Hubballi-580030 Visveswaraya Technological University, Belagavi
M.Tech	2003	Department of Studies in Computer Science University of Mysore, Mysore.
B.E	1997	Sri Jayachamarajendra College of Engineering University of Mysore, Mysore.

Date of joining to the Institute: 03/07/2017

Details of Positions Occupied:

Designation	Duration		Department
	From	To	
Associate Professor and HOD	2021	Till date	Artificial Intelligence and Data Science
Associate Professor and HOD	2017	Till date	Information Science and Engineering
Associate Professor	2011	2017	Computer Science and Engineering, GSSSIETW, Mysore
Associate Professor	2011	2016	Information Science and Engineering, GSSSIETW, Mysore
Assistant professor	2008	2011	Information Science and Engineering, GSSSIETW, Mysore
Lecturer	2003	2008	Information Science and Engineering, GSSSIETW, Mysore

Details of Publication:

No. of papers published in National Conference:	02
No. of papers published in Inter-national Conference:	07
Number of International Journal:	04

Description of the paper and Reference
1.Deep learning and Sentiment Analysis Improve E-Commerce Sales Prediction, IEEE International conference,ICDSNS,28-29 July 2023.
2.Comprehensive Survey on Fog Cloud Computing, International conference,ICGCP,5-7 May 2023.
3.Speech Emotion Recognition using Machine Learning, IJSRST volume 4 Issue:5,ISSN 2395-6011,2023.
4.Age and Gender Detection, IRJMET volume:5,ISSN 2582-5208,2023.
5. Analysis of Dimensionality Reduction Techniques for Effective Text Classification International Conference on Intelligent Technologies (CONIT) Karnataka, India. June 25-27, 2021.
6. Interval-valued feature selection for classification of text documents, In International Conference on Intelligent Systems Design and Applications, ISDA-2020.
7.Explorative Analysis of Compact Representation of Imbalanced Text Documents for Effective Classification, Solid State Technology Volume: 63 Issue: 2s,2020.
8.Effective Technique to Reduce the Dimension of Text Data, IJVIP 10(1):67-75,(2020).
9.Class wise Clustering for Classification of Imbalanced Text Data, In: Sridhar V., Padma M., Rao K. (eds) Emerging Research in Electronics, Computer Science and Technology. Lecture Notes in Electrical Engineering, vol 545. Springer, Singapore(2019).
10.A filter based feature selection for imbalanced text classification, In International Conference on Recent Trends in Image Processing & Pattern Recognition (RTIP2R)-2018. Springer-CCIS
11.A Novel Approach for Aggregate Queries to Manage Big Data”, in proceedings of National level conference on Emerging Trends in Engineering, Research and Management, GMIT Davangere on 23 rd and 24 th September 2016.
12.Data storage Security on Cloud” in proceedings of National level conference on Emerging Trends in Engineering, Research and Management, GMIT Davangere on 23 rd and 24 th September 2016.
13.Robust Second Level Palm Vein Authentication for Digital Vault, in proceedings of International Conference on Applied Science Engineering and Technology, Sai Ram College of Engineering, Bengaluru on 7 th June 2016.

No of National workshop attended: 18

Workshop Title	Venue	Date
1.Network Security	Challakere, IISc	24/7/23-29/7/2023
2.Cyber Security	Challakere, IISc	27/3/23-1/4/2023
3.computational Statistics”,NIT Warangal and JSSSTU,(40hr)	ONLINE	1/7/ 2022 – 10/7/ 2022

4.Inculcating Universal Human Values in Technical Education”(AICTE)	ONLINE	28/3/22- 1/4/2022.
5.Mathematics in Artificial Intelligence,Machine Learning and Deep Learning	ONLINE	1/9/2021- 5/9/2021
6.Computer Science and Biology(Malnad College of Engineering)	ONLINE	19/01/23- 23/1/ 2021.
7.Recent trends on computer science(MITM,Mysuru)	ONLINE	24/8/2020- 28/8/ 2020.
8.Blooms Technology”, GSSSIETW, Mysuru,	GSSSIETW, Mysuru	31/01/2017
9.Writing Research Proposal”,	SDMIT, Ujire	5/11/2016
10.Cyber Crime Prevention and Detection; Legal Issues	SJCE,Mysore	20/08/2016
11.Digital Image Processing: Basics to Recent Trends	SJCE,Mysore	13-17/06/2016
12.Wireless Sensor Networks and IoT	GSSSIETW, Mysuru	27/1/2016-28/1/ 2016.
13.NBA Accreditation	GSSSIETW, Mysuru	21/7/ 2015 – 23/7/ 2015
14.Intellectual Property Rights	Visveswaraya Technological University Regional office, Mysore	27/01/ 2014.
15.Multimedia Information Archival and Retrieval System (MIARS)	Peoples Education Society institute of Technology, Bangalore	11/11/2013-13/11/2013.
16.Pattern Recognition & Applications in Machine Intelligence	Kannur University, Kerala,	18/10/ 2013
17.Recent Tools for Dimensionality Reduction in Understanding Medical Data	JSS College for women, Chamarajanagar,	22/08/2013
18.Mission 10x Program, Wipro	Vidya Vardhaka College of Engineering, Mysuru,	2011(5days)

Responsibilities taken in college level:

Event	Positions	Year
College Internal Complaints Committee(CICC)	Chairperson	2019
Anti Sexual Harassment Committee	Member	2018
Institution Innovation Council(IIC)	President	2022
Indo Universal Collaboration for Engineering Education(IUC EE)	Consortium Leader	2023

Responsibilities taken in Department level:

Committee	Positions	From Duration To	
Department responsibilities	HOD	2017	Till date

No of student projects carried out as a guide (UG):5

Project Name & Descriptions	Year
Speech Emotion Recognition using Machine Learning	2023
Age and Gender Detection Using	2023
JANSEV	2021
Patient Health Monitoring System	2020
A Selection of Advanced Technologies for Demand Forecasting in the Retail Industry	2020

No of subjects taken for UG students: 9

Subject Title	Year	Semester and branch	No. of students attended	No. of students passed	Pass percentage
Data Structures and Applications (15CS33)	2018	III,IS	32	29	91
Design and Analysis of Algorithms [15 CS 43]	2018	IV,IS	32	32	100
Object Oriented Modeling and Design (15CS551)	2019	V,IS	32	32	100
Data Structures and Applications [17 CS 33]	2019	III,IS	24	17	71
Design and Analysis of Algorithms [17 CS 43]	2019	IV,IS	24	20	83
C Programming	2019	I	42	35	83
System Modeling and Simulation (15CS834)	2019	VIII	30	30	100
Object Oriented Modeling and Design [17 CS 551]	2020	V	23	23	100
Storage Area Network [17 CS 754]	2021	VII	23	23	100
System Modelling and simulation- 17CS834	2021	VIII	23	23	100
Software Testing [18 IS 62]	2021	VI	11	11	100
Big Data Analytics [18 CS 72]	2022	VII	11	11	100
Storage Area Network [17 CS 754]	2022	VIII	11	11	100
Software Testing(18IS62)	2022	VI	47	47	100
Data structures and Applications(21CS33)	2023	III	56	49	88
Storage Area Network(18CS822)	2023	VIII	47	47	100
Natural Language processing(18CS743)	2023	VII	47	46	99

Personal Details:

Permanent Address

#21,Block 33,Near Adithya
Circle,Somanatha Nagar,Dattagalli,
Mysuru-570022

Date of Birth:03/07/1975

Blood group: O+ve

Father's Name

:KADURANNA.N

Mother's Name

:VIJAYAKUMARI.V

Nationality

:Indian