

BIO-DATA

General Information:

Vani M.,
Associate Professor,
Department of Computer Science and Engineering,
National Institute of Technology Karnataka, Surathkal,
P.O. Srinivasnagar, Pin: 575 025
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Education:

Degree	University/Institution
M.Tech. (Computer Science and Engg)	National Institute of Technology Karnataka
B.Tech. (Computer Science and Engg)	Mangalore University

Research Area:

Machine learning, Algorithms

Professional Experience:

Employer	Position Held	Date of Joining	Date of Leaving
N.I.T.K. Surathkal	Associate Professor	09-04-2011	To date
N.I.T.K. Surathkal	Selection grade Lecturer	09-04-2008	804-2011
N.I.T.K. (formerly K.R.E.C) Surathkal	Senior Scale Lecturer	09-04-2003	08-04-2008
N.I.T.K. (formerly K.R.E.C) Surathkal	Lecturer	09-04-1997	08-04-2003
K.R.E.C, Surathkal	Temp. Lecturer	24-08-1996	08-4-1997
Teaching Experience		26 Years	

Administrative Positions:

Institute Level:

Warden- Ladies Hostel(2008-2009)
Member, Anti-ragging committee
Member Quarters allotment committee
Member of Convocation committee.

Department Level :

Head of the Department
Chairman, DPGC/DUGC,
Secretary, DPGC/DUGC,
Chairman/Member- PWEC
Incharge -Time-table

Professional Memberships:

LM -Indian Society for Technical Education(ISTE)
LM-Institution of Engineers(IE)

Courses taught :

UG level : C – Programming.

Data Structures and Algorithms.
Design of Digital Systems.
Design and Analysis of Algorithms.
Operating Systems.
Database Systems.
Advanced Data Structures.

PG level : Algorithms Complexity.

Publications:

1. “Search Improvement In Unstructured P2P Network Considering Type of Content” Chinmay R Totekar, Vani M, Palavalli Sharath R
Proceedings of the Sixteenth IEEE International Conference on Computer Networks (ICON 2008), Dec.12 - Dec.18, 2008, Delhi, India, [IEEE] Digital Library.
<https://ieeexplore.ieee.org/document/4772656>
- 2.” TEMPORALLY EXTENDED ACTIONS FOR REINFORCEMENT LEARNING BASED SCHEDULERS” Prakhar Ojha , Siddhartha R Thota , Vani M , Mohit P Tahilianni
International Journal on Soft Computing, Artificial Intelligence and Applications (IJSCAI), Vol.4, No.3/4, November 2015.
DOI :10.5121/ijscai.2015.4401
3. “L EARNING S CHEDULER P ARAMETERS F OR A DAPTIVE P REEMPTION”
Prakhar Ojha , Siddhartha R Thota, Vani M and Mohit P Tahilianni
pp. 149–162, 2015. CS & IT-CSCP 2015
DOI : 10.5121/csit.2015.51513
- 4.”What makes a Video Memorable?” Akankshya Kar, Prashasthi Mavin, Yogesh Ghaturlle and Vani M. International Conference on Data Science and Advanced Analytics 2017 (DSAA), Tokyo, Japan during 19-21 October 2017
<https://ieeexplore.ieee.org/document/8259797>

DOI 10.1109/DSAA.2017.37

5. “Image Based Tomato Leaf Disease Detection” Akshay Kumar, Vani M., 10th International Conference on Computing, Communication and Networking Technologies (ICCCNT), Kanpur, India <https://ieeexplore.ieee.org/document/8944692>
DOI: 10.1109/ICCCNT45670.2019.8944692

6. “ARBAC: Attribute-Enabled Role Based Access Control Model”, Mahendra Pratap Singh, Sudharsan S and Vani M., 2 nd International Conference on Security and Privacy, Page no. 97-111, January 9-11, 2019.
DOI: 10.1007/978-981-13-7561-3_8

7. “Stress Detection with Machine Learning and Deep Learning using Multimodal Physiological Data “ Pramod Bobade, Vani M. Proceedings of the Second International Conference on Inventive Research in Computing Applications (ICIRCA-2020) Coimbatore, India
DOI: [10.1109/ICIRCA48905.2020.9183244](https://doi.org/10.1109/ICIRCA48905.2020.9183244)

Achievements :

QIP fellowship, MHRD, Govt of India, 2009-12