

## 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  
Contact e-mail: [vani@nitk.edu.in](mailto:vani@nitk.edu.in) , [vani.nitk@gmail.com](mailto:vani.nitk@gmail.com) , [vani@nitk.ac.in](mailto:vani@nitk.ac.in)

### 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
<b>Teaching Experience</b>		<b>26 Years</b>	

### 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