


## Faculty Profile

Name of Faculty	Prof. Vijay Kumar S	
Department	Information science & Engineering	
Qualification	B.E, M.Tech	
Designation	Assistant Professor	
Area of specialization	Computer Science & Engineering	
Date of Joining BNMIT	07 <sup>th</sup> July 2016	
Nature of Association (Regular/Contractual/Adjunct)	Regular	
Mobile Number	8970853834	
e-mail	vijaykumars@bnmit.in, vijayakumarewit@gmail.com	
No. of years of Experience	Teaching: 06 years	

### Academic Qualifications

<b>M.Tech</b>	2013	Computer Science And Engineering,	VTU, Belgaum.
<b>B.E.</b>	2011	Computer Science And Engineering,	VTU, Belgaum.

### Working Experience Details

Assistant Professor	Dept. of ISE	BNMIT, Bangalore, India,	(2016 – Till date)
Assistant Professor	Dept. of CSE	VVCE, Mysuru, India	(2014 – 2016)
Assistant Professor	Dept. of CSE	SBMSIT, Bangalore, India	(2013 – 2014)

### Course taught

Computer Concepts and C Programming, Advanced Computer Architecture, Computer Graphics, Computer Networks -1, Object Oriented Modeling and Design, Storage Area Networks, Analog and Digital Electronic, Unix and Shell Programming, Microprocessors, Management and Entrepreneurship, Microprocessor and Microcontrollers, Computer Programming Lab, Analog and Digital Electronic Lab , Microprocessor Laboratory Analog and Digital Electronic, Computer Graphics and Visualization Lab ,Microprocessor and Microcontroller Lab

### Professional Memberships:

- Life Member of Indian Society for Technical Education (ISTE).

### Workshops /Seminars Organized:

1. One day workshop on "**Android application development**" conducted by Inventure Tech, Bengaluru at VVCE, Mysuru on 7<sup>th</sup> November 2015.

### Research Publications:

#### I. In National & International Journals

##### International Journals:

1. Vijay Kumar S, "**A Survey on Query Optimization and Data Replication Techniques in Wireless Adhoc Networks**" International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET) Volume 8, Issue 6, June 2019.

2. Vijay Kumar S “**Usage of incremental approach in the formulation of collective behavior: A survey**” International Journal of Advance Research, Ideas and Innovations in Technology (IJARIIT) volume 5, issue-3, May- June 2019.
3. Mrs. Sharada K A , Hemant Palivela, , Prashanth, Vijay Kumar S “**A Model Proposed For Reducing The False Positive Alarm Rate**” Using The Feature Of Event Correlation International Journal Of Advanced Research In Computer Science And Software Engineering (IJARCSSE), ISSN: 2277-128X Vol. 2, Issue 8, August 2012.
4. Palivela Hemant, Vijay Kumar S, Mrs. Sharada K A, Prashanth G, Kalpana Patil “**Discovering Patterns in Interactions between Humans and Animals by Using Tree Based Mining**” International Journal of Engineering Research & Technology (IJERT) Vol. 1 Issue 6, August – 2012.

### **Papers presented in International/National Conferences**

#### **International conferences:**

1. Vijay Kumar S, Palivela Hemant, Pinaki Barman “**Skyline Query Processing In Spatial Databases Using Data Mining Based Techniques.**” Second International Conference on Computation of Power, Energy, Information and Communication, ICCPEIC- 2013, 17-18 April 2013, ISBN: 978-1-4673-6406-5/13/&31.00.
2. Hemant Palivela, Prof. Yogish H K, Vijay Kumar S, Kaplan “**A Survey On Mining Algorithms For Breast Cancer Related Data**” IEEE Sponsored International Conference On Information Communication & Embedded Systems "ICICES 2013", 21<sup>st</sup> -23<sup>rd</sup> February 2013, ISBN : 978-93-82-880-03-5.
3. Hemant Palivela, Prof. Yogish H K, Vijay Kumar S, Kalpana “**A Study Of Mining Algorithms For Finding Accurate Results And Marking Irregularities In Software Fault Prediction**” IEEE Sponsored International Conference On Information Communication & Embedded Systems

#### **National conferences:**

1. Vijay Kumar S, Ravi P, Vijay Kumar P “**Hand Drawn Routers for Robot pilot age on Android Platform**” National Conference on Emerging Trends in Computer Science and Engineering conducted at NCET, Bengaluru during April 24<sup>th</sup> - 25<sup>th</sup> 2015.
2. Hemant Palivela, Vijay Kumar S, Kalpana Patil, Prashanth G “**Voting Based Approach To Reduce Impact Of Statistic-Poisoning Attacks In CIDS**” "ICICES 2013", 21<sup>st</sup> -23<sup>rd</sup> February 2013, ISBN : 978-93-82-880-03-5. National Conference On Advanced IT, Engineering and Management, 6th-7th September 2012, SAC AIM-2012, St. Aloysious College, Mangalore, Karnataka.

### **Participation in FDP/ Training courses/Seminars/Workshops**

#### **FDPs:**

1. Participated in five days Faculty Development Program on “**Working model on Industry 4.0**” held Nettur Technical Training Foundation (NTTF), Electronic City, Bengaluru, from 8<sup>th</sup> July to 12<sup>th</sup> July 2019.

2. Participated in five days Faculty Enhancement Program on “**LEX based Foundation Program**” held online using webinar platform by Infosys Limited from 7<sup>th</sup> January to 11<sup>th</sup> January 2019.
3. Participated in five days FDP on “ **Development of Embedded Systems Using ARM Cortex M0+ Processors**” held in association with BITS and ACCS at Global Academy of Technology, Bengaluru from 9<sup>th</sup> July to 13<sup>th</sup> July 2018.
4. Participated in Three days Train the Trainer Program on “**Data Visualization Tools**” held at BITM, Ballari by Infosys Limited under Infosys campus connect from 6<sup>th</sup> September to 8<sup>th</sup> September 2017.
5. Participated in one week FDP on “**Internet of Everything** ”organized by Department of ISE, BNMIT, Bengaluru from 31<sup>st</sup> July to 05<sup>th</sup> August 2017
6. Participated in one day FDP on “**Smart Livings -opportunities & challenges (IOT)**” held on 10 -FEB-2017 at TCS Bengaluru.
7. Participated in Five days FDP on “**Artificial Intelligence and its Applications**” organized by Department of ISE, BNMIT, Bengaluru from 9<sup>th</sup> Jan to 13<sup>th</sup> Jan 2017.
8. Participated in one week FDP on “**Cloud Computing**” organized by Department of ISE, BNMIT, Bengaluru, from 11<sup>th</sup> July to 16<sup>th</sup> July 2016.
9. Participated in one week FDP on “**Big Data Analytics and Cloud computing**” organized by Department of CSE and ISE, PESCE, Mandya under TEQIP-II during 20<sup>th</sup> July to 26<sup>th</sup> July 2015.

#### **WORKSHOPS:**

1. Participated in the one day workshop on “**Internet of Things**” organized by BNMIT, Bengaluru as part of AICTE Initiative-Share and Mentor Margadarshan Scheme on 22<sup>nd</sup> September 2018.
2. Participated in the two day workshop on “**Deep Learning and DevOps**” conducted by "Accenture Learning Symposium” in Accenture, Bengaluru on 12<sup>th</sup> and 13<sup>th</sup> February 2018.
3. Participated in one week workshop on **Mission10X UTLP-KIT** conducted by Wipro Technology in VVCE, Mysuru from 23<sup>rd</sup> November to 27<sup>th</sup> November 2015.
4. Participated in the two day workshop on “**Android and website development** ” conducted by "Inventure Tech", Bengaluru at VVCE, Mysuru from 31<sup>st</sup> October to 01<sup>st</sup> November 2015.
5. Participated in the **One day Campus Workshop** on “**Storage Area Network (SAN) Configuration and Management** ” conducted by The Data lifecycle Company on 27<sup>th</sup> September 2014 at VVCE, Mysuru.
6. Participated in three day engineering faculty workshop by **Mission10X**, Wipro Technology in VVCE, Mysuru from 21<sup>st</sup> August to 23<sup>rd</sup> August 2014.

7. Participated in the Two Day National Level Workshop on “**Wired, Wireless and Manet’s Simulation Using NS-2**” jointly organized by CENSA, EWIT and ISTE at East West Institute of Technology, Bengaluru from 12<sup>th</sup> March to 13<sup>th</sup> March, 2013

#### **SEMINARS:**

1. Participated in the seminar on "**Teachers as Catalyst for Changes**" held at BNMIT, Bengaluru by "Heartfulness Institute" on 21<sup>st</sup> January 2017.
2. Participated in the **National Seminar** on “**Emerging Trends in Computer Science & Engineering**” held at East West Institute of Technology, Bengaluru on 10<sup>th</sup> October 2012.

#### **SHORT TERM TRAINING / COURSES:**

1. Participated in one day Training Programme conducted on "**ARM and KEIL IDE**" organized by the department of CS&E, BNMIT, Bengaluru on 31<sup>st</sup> March 2017.
2. Participated in the **Short Time Course** on **C-Programming** conducted in the Impact College of Engineering, from 27<sup>th</sup> - 31<sup>st</sup> July 2009 at Bengaluru.

#### **Personal Details:**

- **Date of Birth:** 08-01-1990
- **Sex:** Male
- **Family Details:** Mother and Father

15<sup>th</sup> July 2019

**VIJAY KUMAR S**