


## Faculty Profile

<b>Name of Faculty</b>	K ASHA	
<b>Department</b>	Computer Science & Engineering	
<b>Qualification</b>	B.E, M.Tech	
<b>Designation</b>	Assistant Professor	
<b>Area of specialization</b>	Image Processing, Internet of Things, Computer Networks	
<b>Date of Joining BNMIT</b>	19.07.2017	
<b>Nature of Association (Regular/Contractual/Adjunct)</b>	Regular	
<b>Mobile Number</b>	8951768585	
<b>e-mail</b>	ashak@bnmit.in	
<b>No. of years of Experience</b>	Teaching:8 years Industry:11 months	

### Academic Qualifications

Degree	Institution	Month & Year of passing	% of marks obtained
<b>M. Tech.</b>	RNS Institute of Technology, Bengaluru,	Nov 2013	87.3%
<b>B. E</b>	Dr.Pauls Engineering College, Tamil Nadu.	April 2004	82%

### Working Experience Details

SL.No	Designation	Institution/Company	Duration
1	Assistant Professor	BNM Institute of Technology, Bengaluru, Karnataka	July 2017–Till date
2	Assistant Professor	BNM Institute of Technology, Bengaluru, Karnataka	July 2016–June 2017
3	Assistant Professor	T John Institute of Technology, Bengaluru, Karnataka	July 2015–June 2016
4	Lecturer	Prince Shri Venkateswara Padmavathy Engineering College, Chennai, Tamil Nadu	June 2009-May 2011
5	Lecturer	Prince Shri Venkateswara Padmavathy Engineering College, Chennai, Tamil Nadu	June 2006-May 2008

## **Subject taught**

**Topics Taught:** Computer Organization, System Software, Web development, Operating Systems, Advanced Computer Architecture, Software Architecture, Cloud Computing, Software Testing, Data Structures.

## **Instruments Handled/Software's handled:**

- Languages: C,C++,Java
- OS: Windows, Linux
- Oracle, SQL+

## **Awards/ Achievements/Memberships:**

- Gold Medal for securing VTU first rank in M.Tech (Dept of CSE) for the year 2011- 2013.
- College Topper – M.Tech (CSE) for batch 2011-2013, RNS Institute of Technology, Bangalore.

## **Research Publications:**

### **II. In National/International Conference Proceedings**

1. K Asha, Mamatha K, Ashwini S Patil (2016 June).Providing Smart Agricultural Solutions to Farmers for Better Yielding using IoT, International Journal of Engineering Research and Technology(pp 382-385), Vol 4, Issue 22, ISSN:2278-0181.
2. K Asha, Mamatha K, Ashwini S Patil (2016 June). Automatic Pothole And Ghat Complexity Detection System, International Journal of Engineering Research and Technology (pp 399-403), Vol 4, Issue 22,ISSN:2278-0181.
3. K Asha, Reshma M Gutagi, M.Lorate Shiny(2017 May).Real-time Facial Disorder Detection Using Internet of Things, International Journal of Engineering Research in Computer Science and Engineering (pp 272-276), Vol 3, Issue 5,ISSN:2394-2320.
4. K Asha, Reshma M Gutagi. Smart Board for Teaching and Learning, International Conference on Recent Trends in Technology 2K18 (ICRTT-2K18), Departments of ISE, Sri Dharmasthala Manjunatheshwara Institute of Technology, Ujire, Karnataka.
5. K Asha, Deepa Mahadev, An Adaptive Seam Cutting Strategy for Underwater Images Based on Color Transfer, International Journal of Management, Technology And Engineering (pp 3242-3248), Vol 9, Issue 6,ISSN: 2249-7455
6. K Asha, Histogram Based Reversible Data Hiding Technique for Medical Images in National Conference on CSECONF2013, Dept of CSE, Jain University, Bengaluru, Karnataka.

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

1. Participated in 2 days International Conference on Data Engineering & Communication Systems “iCDECS-2011”, RNS Institute of Technology, Bengaluru.

2. Participated in 2 days seminar on Formal Model in Computer Science conducted by Acharya Institute of Technology, Bengaluru.
3. Participated in 5 days Faculty Development Program on “**IoT Ecosystem**” at Jyothy Institute of Technology, Bengaluru from 4th to 8th January 2016.
4. Participated in 5 days Faculty Development Program on “**IBM- BlueMix for IoT and Security**” at BNMIT, Bengaluru from 11th to 16th July 2016.
5. Participated in 6 days Faculty Development Program on “**Research Frontiers in Networking – A Tool Driven Approach**” at BNMIT, Bengaluru from 16th to 21st Jan 2017.
6. Participated in 5 days Faculty Development Program on “**Data Science Using Python-2018**” held at Dayanand Sagar Academy of Technology and Management, Bengaluru from 8th to 12th January 2018.
7. Participated in 5 days Faculty Development Program on “**Biomedical Signal Processing**” held at BNM Institute of Technology, Bengaluru from 11th to 15th June 2018.
8. Participated in one day workshop on “**Internet of Things**” organized in BNM Institute of Technology, Bengaluru, India on 22<sup>nd</sup> September, 2018.
9. Participated in two days workshop on “**Assessments for the Introductory Programming Course**” conducted by BNM Institute of Technology, Bengaluru, India on 18<sup>th</sup> and 19<sup>th</sup> December, 2018.
10. Participated in five days Skill Enhancement Program on “**Helping Students through college years**” conducted by Global Academy of Technology, Bengaluru, India from 21<sup>st</sup> to 25<sup>th</sup> January, 2019.
11. Participated in five days training program on “**Faculty Skill Enhancement Program on C**” conducted by eBox Academy, Amphisoft Technologies, Bengaluru, India from 18<sup>th</sup> to 22<sup>nd</sup> February, 2019.
12. Completed 12 weeks NPTEL Online Certification course on the subject titled “**Problem Solving Through Programming in C**” from January to April 2019.
13. Participated in 5 days Faculty Development Program on “**IoT & AI in Robotic Automations**” conducted by BNM Institute of Technology, Bengaluru, India from 24<sup>th</sup> to 28<sup>th</sup> June 2019.
14. Participated in 11 days Faculty Development Program on “**Transcending Language Skills**” conducted by BNM Institute of Technology, Bengaluru, India from 15<sup>th</sup> to 25<sup>th</sup> July 2019.

#### **Personal Details:**

- **Date of Birth:** 31-05-1983; **Sex:** Female.
- **Family Details:**

Husband: Mr.S.Purushothaman

Daughters: P.Varshini & P.Ridhushni

**31<sup>st</sup> July 2019**

**K.ASHA**