


Faculty Profile

Name of Faculty	Prarthana T.V	
Department	Computer Science Engineering	
Qualification	M Tech.	
Designation	Assistant Professor	
Area of specialization	Computer Vision, Video Processing	
Date of Joining BNMIT	22.07.2013	
Nature of Association (Regular/Contractual/Adjunct)	Regular	
e-mail	prathanatv@bnmit.in, prathanatv@gmail.com	
No. of years of Experience	Teaching: 6 years Industry : 3.9 years	

Academic Qualifications:

Degree	Institution	Month & Year of passing	% of Marks Obtained
Ph. D	Pursuing Ph.D in VTU		
M.Tech. (CSE)	B.M.S College of Engineering, Bengaluru, India	Nov 2013	73.33
B.E (CSE)	Channabasaveshwara Institute of Technology, Tumkur, India	July 2007	68.53

Working Experience Details:

Sl No.	Designation	Institute / Company	Duration
1	Assistant Professor	B N M Institute of Technology, Bengaluru, India	July 2013- Till Date
2	Senior Software Engineer	Infosys Technologies Ltd, Bengaluru, India	Nov 2007 – Aug 2011

Subject taught:

Web Technologies and its Applications, Programming in C and Data Structures, Advance Java and J2EE, C# programming in .NET, Web 2.0 and Rich Internet Applications, Clouds Grids & Clusters, Formal Languages and Automata Theory, Operations Research, System Modeling and Simulation

Academic Positions and other Responsibilities (Institute Level):

- Website Co Ordinator (2015-16,2016-17)

Awards/ Achievements/Memberships:

- Letter of Appreciation "**Academic Performance**"-BNMIT for the year **2015-16**

Research Publications:

International Journals:

1. Prarthana T V, "Efficient resource allocation and data processing in a secured cloud environment", International Journal of Engineering Research & Technology, Volume 2, Issue 9, Sep 2013 Pg No – 2038- 2044
2. Jebah Jaykumar, Prameetha Pai, Prarthana T.V, "Secure Implementation of IOT based on RFID with key authority mechanism", International Journal of Scientific and Engineering Research, Volume 5, Issue 5, May 2014, Pg No – 338 - 342
3. Prarthana T.V, Jebah Jaykumar, „Grid Computing Models for Discovering the Resources." International Research Journal of Engineering and Technology, Volume: 03 Issue: 06 | June-2016 Pg No. 2493 - 2497
4. Jebah Jaykumar , Prarthana T.V, „Packet Transmission in MANET using Dynamic Queue Management Scheme" in IRJET, Volume: 03 Issue: 06 | June-2016 Pg No. 2562 – 2569
5. Prarthana T.V, Jebah Jaykumar, "Challenges and opportunities with Big Data" in International Journal of Engineering Research and Technology, Volume. 6 - Issue. 07 , July – 2017, 240-244, 2278-0181
6. Jebah Jaykumar , Prarthana T.V, "Traditional Queue Management vs Active Queue Management for Controlling Congestion in wireless network", International Journal of Engineering Research and Technology, Vol : 4, Issue : 6, June 2017
7. Hardik Asnani, Suhaib Khan, Suhaas Nandeesh, Prarthana T.V., "Securing an IoT based Home using Digital Image Processing and an Android Application", International Research Journal of Engineering and Technology, Vol : 05, Issue : 08, August 2018

Participation in Training courses/Seminars/Workshops:

1. Three days Train the Trainer Faculty Development Programme on "**Hadoop Ecosystem**" conducted by Jain University, Bengaluru and INFOSYS Technologies Ltd from 16th - 18th Jan 2014.
2. Two Days Faculty Development Programme on "**Programming in C and Data Structures**" Organized at RNSIT, Bengaluru on 24th and 25th July 2014.
3. Five days Faculty Development Programme on "**Hands on Sessions on Cloud Computing, Big data, Information & Network Security and Storage Area Networks**" in SVCE, Bengaluru from 19th -23rd January 2015.
4. Three days workshop on "**Sprucing up Mobile Applications using Android**" organized by Infosys Limited at Siddaganga Institute of Technology, Tumakuru from 27th - 29th April 2015.
5. Three days workshop on "**Preparation for accreditation by NBA**" held at BNMIT, Bengaluru from 3rd - 5th December 2015.
6. Five day workshop on "**IoT Ecosystem – A hands on Workshop with Hackathon**" held at,

- Jyothy Institute of Technology, Bengaluru, from 4th - 8th January 2016.
7. Five days Faculty development program on “**Machine Learning**” at BNMIT from 18th - 23rd January 2016.
 8. One week Faculty development program on “**Research Frontiers in Networking – A Tool Driven Approach**” conducted by BNMIT, Bengaluru from 16th - 23rd January 2017
 9. Five days Faculty development program on “**Biomedical Signal Processing**” held at BNMIT from 11th - 15th June 2018.
 10. Five days Faculty development program on “**Programme on IoT and AI in Robotic Automations**” held at BNMIT from 24th - 28th June 2019.
 11. Seven days Faculty development program on “**Transcending Language Skills**” held at BNMIT from 15th - 25th July 2019.

Personal Details:

- **Date of Birth:** 18th February 1986
- **Family Details:**
Husband - Kartikeyan B.S
Daughter – Dhyuthi Avadhani
- **Passport Number:** Z3569122 (valid till 2nd May 2026)

29th July 2019

PRARTHANA T.V