


Faculty Profile

Name of Faculty	Pathanjali C	
Department	Computer Science & Engineering	
Qualification	B.E, M.Tech.	
Designation	Assistant Professor	
Area of specialization	Heterogeneous Computing	
Date of Joining BNMIT	7.07.2016	
Nature of Association (Regular/Contractual/Adjunct)	Regular	
e-mail	pathanjalic@bnmit.in	
No. of years of Experience	Teaching: 11 Years Industry: 1.9 Years	

Academic Qualifications:

Degree	Institution	Month & Year of passing	% of marks obtained
M.Tech. (CSE)	RVCE , Bengaluru, India.	Sept 2012	7.5 CGPA
B.E (ISE)	B N M Institute of Technology, Bengaluru, India.	Oct 2006	69.12

Working Experience Details:

Sl. No.	Designation	Institution/ Company	Duration
1	Assistant Professor	B N M Institute of Technology, Bengaluru, India.	July 2016 - Till date
2	Assistant Professor	Sapthagiri College of Engineering, CSE, Bengaluru, India	July 2008 – May 2016
3	Junior Engineer	Data Script, Bengaluru, India	Aug 2006 – May 2008

Subject taught:

Data Structures, Analysis and design of Algorithms, Unix Concepts & Applications, Web Programming, Computer Networks, Object Oriented Analysis & Design, Advanced Computer Architecture (UG & PG), Microprocessor and microcontroller ,Microprocessor and Microcontroller Lab, Multi-core Architecture Programming(PG & UG),Storage Area Network, DBMS, JAVA and J2EE.

Instruments Handled/Software's handled:

- Operating System : Windows , MS-DOS, Unix
- Languages : C, C++, PERL, PHP, SQL, MYSQL, Java
- Web Development: HTML

Awards/ Achievements/Memberships:

- Best student Project award(B.E-2006)
- Bronze Partner Faculty under Inspire- The Campus Connect Faculty Partnership Model, June 2016, Bengaluru, India.

Professional Memberships:

- Member of International Association of Engineers, Member No. 120143.

Research Publications:

I. In National & International Journals

1. Pathanjali.C, Dr.Vimutha E Salis. and Jalaja G, **“A Comparative Study of Indian Food Image Classification Using K-Nearest-Neighbour and Support-Vector-Machines”**, International Journal of Engineering & Technology (IJET) , Vol 7 (3.12) (2018) ,Page No 521-525.
2. Prince Kumar , Vaibhav Garg , Pavan Somvanshi , Pathanjali C ,**“A Comparative Study of Object Detection Algorithms in A Scene”**, International Journal of Engineering Research & Technology (IJERT) ISSN: 2278-0181 Vol. 8 Issue 05, May-2019.
3. Pathanjali C, Ranjana S. Chakrasali, Vimuktha E. Salis , Usha C. R. ,**“A novel approach to improve the LZW data compression algorithm”**, International Journal of Advance Research, Ideas and Innovations in Technology, ISSN: 2454-132X,Volume 5, Issue 3, Page No 2220-2224, June 2019.

II. Papers presented in International/National Conferences:

International

1. Pathanjali C. and Dr. Nagaraja G., **“Cross Layer Design for Video Streaming Over 3g Network”** , International conference at RG CET, Puducherry, India, September 2012
2. Pathanjali C. and Deepa S.R., **“Comparative Analysis of Genetic algorithm Gradient Descent Algorithm in Training ANN for Weaning Mechanical ventilator”**, International conference at New Horizon College of Engineering, Bengaluru, India, November 2011.
3. **International Conference on Computer Networks, Security & Computing-2018 (ICCSC-2018)** at SVCE, Bengaluru, India, May 4th & 5th 2018.
4. **International Conference on Data Science, Machine Learning and Applications ,” An Efficient Approach for Document Categorization using Weighted Sum”** in CMRIT, Hyderabad, Telangana on 29th -30th March 2019.

National

1. Naveen Kumar and Pathanjali C., **“An Improved Strategy to Reduce Information Skew using HDDM by CDP Method”**, National Conference at SCE, Bengaluru, India, 2014
2. Pathanjali C. and Sankamavalli., **“Data Mining Technique for CRM”**, National conference at CIT, Bengaluru, India, December 2011

Participation in Training courses/Seminars/Workshops:

1. Five Days Short Term Training Program conducted by **Mission10X (Wipro)**, at M.S. Ramaiah Institute of Technology, Bengaluru, India, from 20th - 24th Jan 2009.
2. Two Days Faculty Development Program conducted by **Mission10X (Wipro)**, at M. S. Ramaiah Institute of Technology, Bengaluru, India, 14th - 15th April 2009.
3. Three Days Workshop on “**Network Simulation**” organized by VTU, from 16th - 18th February 2012 at VTU, Belagavi, India.
4. Five Days Workshop on “**Storage Area Network**” organized by BMSCE., from 20th - 24th July 2013 at BMSCE, Bengaluru, India.
5. Five Days Infosys Campus Connect **Foundation Program 3.1 at INFOSYS Campus Mysore** from 27th - 31st January 2014, Mysuru, India.
6. One day workshop on “**Future of Internet – Economy of Sharing**”, at Sapthagiri College Engineering, Bengaluru, India on 21st July 2015.
7. Six-days Faculty Development Programme on “**IBM-Blue mix for IOT & Security**”, at BNMIT, Bengaluru, India, from 11th -16th July 2016.
8. Two days Workshop on “**ARM7 and KEIL IDLE**” organized at Global Academy of Technology by the Department of Computer Science and Engineering on 4th - 5th January 2017, Bengaluru, India.
9. Six-day Faculty Development Programme on “**Research Frontiers in Networking- A tool Driven Approach**” at BNMIT, Bengaluru, India from 16th -21th January 2017
10. Attended one day training on “**ARM7 and KEIL IDE**”, at BNMIT, Bengaluru, India on 31st March 2017.
11. One day IEEE Awareness Workshop on “**Accreditation in Engineering Education**”, at BMS college of Engineering, Bengaluru, India on July 3rd 2017.
12. Five days Faculty Development Program on “**Data science using Python**”, at DSATM college, Bengaluru, India from 8th - 12th January 2018.
13. Five days Faculty Development Programme on “**Biomedical Signal Processing**” at BNMIT Bengaluru, India from 11th –15th June 2018.
14. One-week Faculty Development Programme on “**Data Analytics**” at BNMIT, Bengalur, India from 21st – 25th January 2018.
15. Two day workshop on “**Introduction to Robotics** “ through e-Yantra Lab, at CMRIT college from 5th-6th October 2018.
16. **Faculty Development Program** on “Data Analytics”, BNMIT, Banshankari II Stage, Bangalore, from 21st - 25th January 2019
17. Certificate of completion of **Task Based Training (TBT-2018)** as a part of Teacher Training through the e-yantra from 1st Oct 2018 to 10th Jan 2019.

- 18 **Pathanjali C** has successfully undergone a **Six Weeks Online Summer Training** on Data Science from 3rd May, 2019 to 14th June, 2019 at **Internshala**.
- 19 **Faculty Development Program** on “Industry 4.0”, NTTF, Electronic city, Bangalore, from 8th to 12th July 2019.

Personal Details:

- **Date of Birth:** 20th May 1985
- **Family Details:**
 - Father - Chowdaiah
 - Mother - D Sunnada Chowdaiah

29th July 2019

PATHANJALI C

