


Faculty Profile

Name of Faculty	Ranjana S Chakrasali	
Department	Computer Science and Engineering	
Qualification	M.Tech	
Designation	Assistant Professor	
Area of specialization	Computer Science and Engineering	
Date of Joining BNMIT	01.02.2013	
Nature of Association (Regular/Contractual/Adjunct)	Regular	
e-mail	ranjanaschakrasali@bnmit.in, ranjanagirish@gmail.com	
No. of years of Experience	Teaching:12.8 years	

Academic Qualifications:

Degree	Institution	Month & Year of Passing	% of marks obtained
M.Tech (CSE)	B.N.M Institute of Technology, Bengaluru, India	Sept 2012	80.2
B.E (CSE)	Tontadarya College of Engineering, Gadag, India	Jul 2002	71

Working Experience Details

Sl. No.	Designation	Institution	Duration
1	Assistant Professor	BNM Institute of Technology, Bangalore, India	Feb 2013 –Till date
2	Lecturer	City Engineering College, Bangalore, India	Sep 2008 - Jun 2009
3	Lecturer	Rural Engineering College, Hulkoti, India	Sep 2004 - May 2007
4	Lecturer	Basaveshwara First Grade College, Gadag, India	Sep 2002 - Aug 2004

Subject taught :

Computer graphics and visualization, Automata theory and Computability, Discrete mathematical structures, Web-services, Programming in Java, C# and .Net programming, Programming in C, Object-oriented programming with C++, Data Structures, , Data Communication, Unix shell programming, Object Oriented Modeling and Design.

Professional Memberships:

1. Life Member, Indian Society for Technical Education (ISTE).

Research Publications:

I. In National & International Journals

1. 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.
2. Ranjana S Chakrasali, “Auto Storyboard Genration Using Web Search Log”, International Journal of Research and Scientific Innovation, Volume 6, Issue 6, June 2019, Page No 61-64.
3. Ranjana S Chakrasali, “ A SURVEY ON HUMAN ACTION RECONGNITION ”, International Research Journal of Engineering and Technology(IRJET), Volume 6, Issue 5, May 2019.
4. Ranjana S Chakrasali, “ A SURVEY ON TEXT CLASSIFICATION USING MACHINE LEARNING ALGORITHMUMS ”, International Research Journal of Engineering and Technology(IRJET), May 2019.
5. Sajitha N and Ranjana S Chakrasali, Precision Farming and Big Data, International Research Journal of Engineering and Technology, Volume 5, Issue 6, June 2018.
6. K. Deepashree, Ranjana S Chakrasali, Detection and Prevention of Attacks in Wireless Sensor Networks: A Survey, International Digital Library for Technology and Research, Volume I, Issue III, ISSN: 2465-3289, April 2017.
7. K. Deepashree N, Ranjana S Chakrasali, Detection and Prevention of Attacks in Wireless Sensor Networks International Journal of Trend in Research & Development, Volume 4, Issue 3, ISSN: 2394-9333, Jan-Feb 17.
8. Dr.Udaya Kumar Reddy K.R and Ranjana S Chakrasali, Computing Wiener index of Fibonacci weighted tree, Foundations of Computer Science & Technology, pp 471-478, July 2012.

II. Papers presented in International/National Conferences:

1. **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.

Participation in Training courses/Seminars/Workshops

1. **Ranjana S Chakrasali** has successfully undergone a **Six Weeks Online Summer Training** on Data Science from 3rd May, 2019 to 14th June, 2019 at **Internshala**.
2. Five Days Workshop on Helping our students through college years conducted by Global Academy of Technology, Bengaluru from 21 Jan 2019 – 25 Jan 2019.
3. Five Days FDP on Biomedical Signal Processing Organized by Dept. of CSE, BNMIT, Bengaluru, from 11th Jun 2018 -15th Jun 2018.
4. Course on **Soft Skills and Workplace Communication** conducted by IIT Bombay (MOOC) from 22th Jan 2018 – 17th Mar 2018
5. Course on **Basic 3D Animation using Blender** conducted by IIT Bombay (MOOC) from 26th Jan 2017 – 22th June 2017
6. One Day Workshop on **Teachers as Catalysts** for Change organized by Heartfulness Institute on 21st Jan 2017.
7. Six days FDP on **Recent Trends in 4G/5G Wireless Mobile Communication** under TEQIP-II

- conducted by MSRIT, Bengaluru from 11th Jul 2016 – 16th Jul 2017
8. Four days VTU-VGST FDP on **Android Operating System & Application Programming Development** conducted by GAT, from 15th Jun 2015–18th Jun 2015
9. Five days FDP on **Hands on Sessions on Cloud Computing, Big Data, INS and SAN**, conducted by Sri Venkateshwara College of Engineering, Bengaluru from 19th Jan 2015 -23th Jan 2015

Personal Details:

- **Date of Birth:** 21st July 1980

- **Family Details:**

Husband: GIRISH K G

Children: SAMRUDDHI K G and SAMRAAT K G

18th February 2019

RANJANA S CHAKRASALI