

## Faculty Profile

**Name & Designation** : Dr Dwiti Krishna Bebarta  
Associate Professor

**Date of birth** : 10/06/1973

**Qualification** : AMIE in Elect & Com Eng  
M.Tech. in Computer Science  
Ph.D. in Computer Science  
and Engineering

**Date of joining** : 08/05/2017

**Designation at the time of joining** : Associate Professor



- **Self-Appraisal** :
  - 3 Major Strengths** - 1) Reading Magazines, Journals
  - 2) Punctual & Hardworking
  - 3) Attending & organizing seminars /workshops
- 3 Major Weakness**-1) Books/info distributions to others
- 2) Belief on others
- 3) not known

## Teaching Experience

Duration	Working as	Organization
08/05/2017 onwards	Assoc Prof in CSE dept	GVPCEW, Vizag
18 Dec 2006 – 06/05/2017	Assoc Professor in CSE Dept.	GMR Institute of Technology (Autonomous, NBA, NAAC), Rajam, A.P.
28 Feb. 2003 – 18 Dec 2006	Assistant Professor in CSE Dept.	GIET, Gunupur, Odisha
Sept. 2002 – Feb. 2003	Lecturer in CSE & IT Dept.	MITS, Rayagada, Odisha
July 1998 – Sept. 2002	Teaching Assistant in MCA Dept	KIIT, Bhubaneswar, Odisha

### Journal Paper Publications

Sl. No	Name of The Journal	Author Names	Year	Paper Title
01	International Journal of Information and Decision Sciences (IJIDS) Inderscience Publishers Vol. 9, No. 1, pp.1–26, H Index: 10 Scopus (Elsevier)	D K Bebarta, P K Dash	2017	Mining of Electricity Prices in Energy Markets using a Hybrid Linear ARMA and Nonlinear Functional Link Neural Network Trained by Evolutionary Unscented H-infinity Filter
02	International Journal of Engineering and Technology (IJET)-2016, Scopus (Elsevier), H Index: 8, Vol 8 No 2 Published by Engg Journals Publications	D K Bebarta A K Rout	2016	A Typical Framework for Forecasting and Trading Time Series Data Using Functional Link Artificial Neural Network
03	The International Journal of Computational Intelligence Systems (IJCIS)-2015 Published by Atlantis Press and Taylor & Francis, SCI indexed and Scopus (Elsevier), IF: 0.574	D K Bebarta, P K Dash, B Biswal	2015	Polynomial Based Functional Link Artificial Recurrent Neural Network adaptive System for predicting Indian Stocks
04	International Journal of Data Analysis Techniques and Strategies (IJDATS), Vol. 4, No.4 pp. 398 – 427, Inderscience Publishers, Scopus (Elsevier)	D K Bebarta B Biswal P K Dash	2012	Comparative Study of Stock Market Forecasting Using Different Functional Link Artificial Neural Networks
05	International Journal of Electronics and Computer Science Engineering ISSN-2277-1956/Vol-1, No.3, pp-810-817	D K Bebarta, N Suman	2012	Enhancements Performance in TCP-LP: Low-Priority Service via End Point Conditional Randomized Protocols

### Conference Publications

Sl. No	Name of the conference / seminar	Held on	Paper Name
01	International Conference on Computational Intelligence in Data Mining (ICCIDM-2015) <b>Note:</b> published by <i>Springer</i>	05 <sup>th</sup> - 06 <sup>th</sup> Dec 2015	A low complexity FLANN architecture for Forecasting Stock Time Series Data Training with Meta-Heuristic Firefly Algorithm
02	International Conference on Power, Communication, and Information Technology (PCITC-2015) <b>Note:</b> Published by <i>IEEE</i>	15 <sup>th</sup> - 17 <sup>th</sup> Oct, 2015	Locally Recurrent Functional Link Fuzzy Neural Network and Unscented H-infinity Filter for Short-term Prediction of Load Time Series in Energy Markets
03	CSI-2014: 49th annual Convention & International Conference on Emerging ICT for bridging future <b>Note:</b> published by <i>Springer</i>	12 – 14 December, 2014	Dynamic Recurrent FLANN Based Adaptive Model for Forecasting of Stock Indices
04	CSI-2014: 49th annual Convention & International Conference on Emerging ICT for bridging future <b>Note:</b> published by <i>Springer</i>	12 – 14 December, 2014	An Intelligent stock forecasting system using a unify model of CEFLANN, HMM and GA for stock time series phenomena
05	Second International Conference on Computing and Systems, ICCS-2013 Technically Co-Sponsored by IEEE, Kolkata Chapter	21 – 22 September, 2013. The University of Burdwan, WB	An Evolutionary Intelligent Prediction System Using CANFIS for Forecasting Indian Stock Indices
06	IEEE INDICON 2012 <b>Note:</b> Published by <i>IEEE</i>	7 <sup>th</sup> - 9 <sup>th</sup> Dec.-2012	Forecasting and Classification of Indian Stocks Using Different Polynomial Functional Link Artificial Neural Network
07	International conference on soft computing for problem solving <b>ScoPros-2011</b> <b>Note:</b> published by <i>Springer</i>	20-22 Dec. 2011	Efficient Prediction of Stock Market Indices using Adaptive Neural Network
08	International Conference on Wisdom Based Computing <b>ICWBC 2011</b>	28-29 May 2011 Thiruvananthapuram	Network Security Evaluation Based on Information Security

09	International conference on nanoscience, engineering & advanced computing <b>ICNEAC-2011</b> Organized by Swarnandhra College of Engineering & Technology in collaboration with IACQER Advanced Research Lab	8 – 10 July 2011 Narsapur	Performance Enhancement through Association Rule Mining With Hashing and Pipelining
10	International Conference on Machine Intelligence Application to Power, Signal Processing, Communication and Control ( <b>MIPSCCON-2011</b> ) Technically Co-Sponsored by IEEE, Hyderabad	7 – 9 April 2011 GMRIT, Rajam	A Stock Market Prediction Model Based on Wavelet Neural Network
11	<b>MIPSCCON-2011</b> Technically Co-Sponsored by IEEE, Hyderabad	7 – 9 April 2011 GMRIT, Rajam	A Soft Computing Approach for Nonlinear Time Series Analysis and Prediction
12	<b>IEEE ICCCT 2010</b> <b>Note: published by IEEE.</b>	7 – 9 Oct. 2010 Syed Ammal Eng Col., Ramanathapuram	Power Signal Classification using Adaptive Wavelet Network
13	National Conference on Advances in Electrical Power & Energy Systems <b>NCEPES – 2010</b>	1 & 2 Oct. 2010 SOA University, Bhubaneswar	H-Infinity Dynamic Neural Information Systems for Data Mining Applications in Energy Markets
14	International Seminar on Artificial Intelligence and Applications	10 & 11 Dec. 2009 GMRIT, Rajam, A.P.	PNN Based Pattern Classifier for Non-Stationary Signals

### Participation in Conferences/Seminars/Workshops

1. Two-day training program on "Problem Solving Technique" conducted by GMR Sugar Industries, Sankili from 30<sup>th</sup> & 31<sup>st</sup> Jan - 07.
2. Workshop on "Information Security" held at GMRIT, Rajam from 02.02.2007 to 03.02.07
3. Faculty Development Program on "Open Source and IBM Community Edition", GMRIT, Rajam from 20.06.2007 to 21.06.2007
4. National Workshop on "Soft Computing Applications" held at GMRIT, Rajam from 08.02.2008 to 09.02.2008
5. AICTE SDP on "Soft Computing Applications in Data Mining", GMRIT, 09<sup>th</sup> to 18<sup>th</sup> May, 2008
6. AICTE QIP on "Wireless Security", IISc, Bangalore, 9<sup>th</sup> to 13<sup>th</sup> March, 09
7. International Conference on "Software Engineering", Computer Society of India, Chennai, 17<sup>th</sup> to 19<sup>th</sup> Dec'09
8. 2-Day National workshop on "Advanced Signal Processing Applications in Electronics and Telecommunications" (WASET-2010) held at GMRIT on 19-20 February 2010.

9. International Conference on IEEE ICCCT 2010, 7 – 9 Oct. 2010 Syed Ammal Eng Col., Ramanathapuram.
10. DST sponsored National Workshop on “Statistical Computing”, GMRIT, Rajam, 20<sup>th</sup> to 24<sup>th</sup> Dec’2010
11. International Conference on MIPSCCON-2011 7 – 9 April 2011 GMRIT, Rajam
12. Mission 10X Workshop, GMRIT, Rajam, 19<sup>th</sup> to 23<sup>rd</sup> July, 2011
13. Mission 10X Advanced Workshop, GMRIT, Rajam, 19-09-2011 to 20-09-2011
14. International conference on soft computing for problem solving ScoPros-2011, 20-22 Dec. 2011, IIT Roorkee
15. “Advances in Wireless Technologies” Two Day National Seminar in GMRIT, Rajam on 2<sup>nd</sup> to 3<sup>rd</sup> March, 2012
16. IEEE INDICON 2012, 7<sup>th</sup> - 9<sup>th</sup> , 2-4 Dec2012, at Rajagiri School of Engineering and Technology, Kochi
17. One Day Training Latex Programme on 1<sup>st</sup> May, 2013
18. 49th annual Convention & International Conference on Emerging ICT for bridging future, 12 – 14 December, 2014, Hyderabad
19. Two day national workshop on “Big Data and Hadoop (NWBDH-2014)” GMRIT, Rajam, on 18<sup>th</sup> and 19<sup>th</sup> Dec. 2014.
20. International Conference on Power, Communication, and Information Technology (PCITC-2015), 15<sup>th</sup> - 17<sup>th</sup> Oct, 2015, SOA University, Bhubaneswar.
21. FDP on “Objective Oriented, Enriched, Revised Bloom’s Taxonomy” conducted at GMRIT, Rajam on 16<sup>th</sup> & 17<sup>th</sup> Sept. 2016.
22. A two-day workshop on “Empowering Engineering Faculty in Question Paper Setting”, conducted at GMRIT, Rajam on 11<sup>th</sup> & 12<sup>th</sup> November 2016.
23. One week Faculty Development Programme (FDP) on “Sensor Networks and Intewrnet of Things”, conducted at GMRIT Rajam in association with NIT, Warangal, from 14<sup>th</sup> - 19<sup>th</sup> Feb – 2017.

**Subjects  
Teaching for B.  
Tech. & M.  
Tech. (Comp.  
Sc. & Eng)**

Information Security, Network Security & Cryptography, Design & Analysis of Algorithms, Data Structure, C, C++, Software Engineering, Soft Computing, Computer Graphics, Advanced data structure, OOAD, Operating system, Digital Logic Design, Advanced Operating Systems.

**Personal  
Information**

Name	:	<b>Dr. Dwiti Krishna Bebarta</b>
Designation	:	<b>Associate Professor</b>
Father’s Name	:	<b>Sri Narayan Bebarta</b>
Date of Birth	:	<b>10.06.1973</b>
Sex	:	<b>Male</b>
Marital Status	:	<b>Married and father of a son and a daughter</b>
Nationality	:	<b>Indian</b>
Interests	:	<b>Playing Chess, Gardening, Computers</b>

**Administration:**

- NBA Coordinator, GVPCEW