



## Pamela Chaudhury, Ph.D.

**Designation :** Senior Assistant Professor

**Department:** Department of Computer Science and Engineering

(JOINED THE INSTITUTE IN 2012)

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### RESEARCH INTERESTS

- ✓ Machine Learning
- ✓ Data mining
- ✓ Pattern Recognition
- ✓ Text to speech synthesis systems

### Academic Qualifications

- ✓ Ph.D.(Computer Science Engineering, KIIT University, Bhubaneswar)
- ✓ M.E.(Computer Science & Engineering), Utkal University, Bhubaneswar.
- ✓ B.TECH (Information Technology), Uttar Pradesh Technical University, Lucknow.

### Teaching Experience/Industrial Experience/Research Experience

- ✓ Teaching Experience: 10 years
- ✓ Industry Experience: 7 months

## PUBLICATIONS

## JOURNALS

- [1] **P. Chaudhury** & H. K. Tripathy, 'Speaker Identification in Odiya using Mel Frequency Cepstral Coefficients and Vector Quantisation', International Journal of Advances in Computer Science and Technology, vol. 4, 3, pp.137-140,2015.
- [2] **P. Chaudhury** & H. K. Tripathy, 'An Empirical Study on Attribute Selection of Student Performance Prediction Model' in International Journal of Learning Technology, vol. 12,3, pp.241-252,2017. Inderscience, (Scopus, Published).
- [3] **P. Chaudhury** & H.K.Tripathy, 'A study on smartphone addiction on academic performance', International Journal of Engineering & Technology, vol.7,2.6,pp.50-53,2018.(Scopus, Published).
- [4] **P. Chaudhury** & H.K. Tripathy, 'Optimisation of the RBFN model using TLBO and DE for academic performance determination on primary data', Indonesian Journal of electrical engineering and computer science, 2019, vol. 15, 1, pp. 435-442 (Scopus, published).
- [5] **P. Chaudhury** & H. K. Tripathy, "A novel academic performance estimation model using two stage feature selection", Indonesian Journal of electrical engineering and computer science, 2020, vol19, 3, pp.1610-1619. (scopus published).

#### CONFERENCES

- [6] **P. Chaudhury**, M. Rao and K. V. Kumar 'Symbol based Concatenation Approach for Text to Speech System for Hindi using Vowel Classification Technique' in the proceedings of international conference NABIC, 2009, pp . 1082-1087.
- [7] **P. Chaudhury** and K. V. Kumar, 'Vowel classification based approach for Telugu Text -to -Speech System using symbol concatenation', in the proceedings of international conference [ACCTA-2010].
- [8] **Pamela Chaudhury**, S. Mishra, H.K. Tripathy and B . K. Mishra, 'Enhancing the capabilities of Student Result Prediction System', in Proceedings of the Second International Conference on Information and Communication Technology for Competitive Strategies (ICTCS '16), pp. 1 -6, , (ACM Conference).
- [9] S.Mishra, **P. Chaudhury**, H.K.Tripathy, B.K.Mishra, 'An implementation of Feature ranking using Machine learning techniques for Diabetes disease prediction' ICTCS 2016, Proceedings of the Second International Conference on Information and Communication Technology for Competitive Strategies

<b>WORKSHOP/FDP/ CONFERENCES ATTENDED</b>	<b>ORGANIZING INSTITUTE</b>	<b>PLACE &amp; YEAR</b>	<b>DURATION</b>
International Symposium on biologically inspired computing & applications	ITER, Bhubaneswar	ITER 2009	3 days
International conference on advances in computer, communication technology and applications	C VRaman College, Bhubaneswar	C. V. Raman ,2010	2 days
National Seminar on Application Oriented Networking (NSAON)	SIT, Bhubaneswar	SIT, 2012	2 days
Workshop on Theories, Applications and Future directions	SIT, Bhubaneswar	SIT, 2013	1 day
Workshop on computer Programming	IIT Bombay	SIT, 2014	2 weeks
Workshop on Computer Networking	IIT Bombay	SIT, 2014	2 weeks
Workshop on Computer Security	IIT Bombay	SIT, 2014	2 weeks
Pedagogy for Effective use of ICT in Engineering Education	IIT Bombay	SIT, 2015	2 weeks
STTP on Technical Communication	IIT Bombay	SIT, 2015	2 weeks
National Workshop on Science & Engg. Aspects of Big Data Analysis (SEBDA)	SIT, Bhubaneswar	SIT, 2015	3 days
Short Term Training Program on Institutional Management	NITTTR, Kolkata	SIT, 2015	1 week
Linux Operating System & Kernel Internals (LOSKI)	SIT, Bhubaneswar	SIT, 2015	2 days
Workshop on Scientific Document Preparation using Latex (SDPL)	SIT, Bhubaneswar	SIT, 2015	2 days
Workshop on Machine Learning for Big Data Analysis (MLBDA)	SIT, Bhubaneswar	SIT, 2016	1 week
International Conference on computational	KIIT, Bhubaneswar	KIIT, 2016	2 days

Intelligence in Data Mining			
FDP on role of data science in IOT application domain	Trident, Bhubaneswar	Trident, 2017	2 weeks
Workshop on Train the Trainer	SIT, Bhubaneswar	SIT, 2017	4 days