

Faculty Profile



1. Name: POOJA SHARMA

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5. Office Address: Department of IT, IT Building, BIT Sindri, Dhanbad, Jharkhand-828123

6. Qualification:

S. No	Degree(UG, PG, PhD)	Specialization	Institute
1	PhD (CSE) Thesis submitted	Data mining & Bioinformatics	Tezpur University, Assam
2	M.Tech	IT	Tezpur University, Assam
3	B.Tech	IT	North Eastern Hill University, Shillong

7. Area of Specialization: Machine Learning, Data mining, Bioinformatics

8. PhD (Guided): NIL

9. Subjects Taught:

I) UG:- Values & Ethics (T), Data warehousing & Data mining (T), CPDS (L), CN (L), SE (L), SC (L), AI (L)

10. Professional Experience:

I) Teaching Experience:

Sl. No.	Position held	Name of Organization	From	to
1	Assistant Profesor	BIT Sindri	05-01-2018	current
2	Teaching Assistant	Tezpur University	01-08-2012	10-05-2014
3	Teaching Assistant	Tezpur University	16-01-2015	26-12-2017

II) Research Experience:

Sl. No.	Position held	Name of Organization	From	to
1	SRF	COE, MLRBDA, Tezpur University	20-11-2014	26-12-2017

11. Publications:

I) International Journal:

Sl. No.	Title of the paper	Name of the journal in which publication has been made	Publication Year	Pages
1	<i>Detecting protein complexes based on a combination of topological and biological properties in protein-protein interaction network</i>	Journal of Genetic Engineering and Biotechnology, Elsevier, https://doi.org/10.1016/j.jgeb.2017.11.005 (https://doi.org/10.1016/j.jgeb.2017.11.005)	2017	
2	<i>Disease biomarker identification from gene network modules for metastasized breast cancer</i>	Scientific Reports, Nature Publishing Group, DOI : 10.1038/s41598-017-00996-x,	2017	
3	<i>Protein Complex Finding and Ranking- An Application to Alzheimer's Disease</i>	Journal of BioSciences	2017	
4	<i>Detecting protein complexes using connectivity among nodes in a PPI Network</i>	Network Modelling Analysis in Health Informatics and Bioinformatics, Springer	2015	1-15
5	<i>Unsupervised methods for finding protein complexes from PPI Networks,</i>	in the Network Modelling Analysis in Health Informatics and Bioinformatics, Springer	2015	1-15

II) International Conference:

Sl. No.	Title of the paper	Name of the Conference in which publication has been made	Publication Year	Pages
1	<i>Centrality Analysis in PPI Networks</i>	IEEE International Conference on Accessibility to Digital World (ICADW, 2016), Guwahati	2016	
2	<i>DCRS- A multi-objective protein complex finding method</i>	International Conference on Computing and Communication Systems, Springer.	2016	

13. Conference/ Workshop/Seminar/ Organized

Sl. No.	Title of Seminar / Conferences / Short – term Courses	Name of Coordinator	Funding / Sponsoring Agency	Date of Seminar / Conferences / Short – term Courses	No. of Participants
	Real-World Applications of Distributed Constraint Optimization Techniques and Autonomous Systems (RAD COPAS-2018)	Dr. Poulami Dalapati	TEQIP-III	24-28 th September 2018	49

14. Symposium/ Workshop/Seminar/ Attended


Sl. No.	Title of Symposium/ Workshop/Seminar/ Short – term Courses	Date	Organizing Institute
1	Advancement and Application of Soft Computing in Electrical Systems	1-17 July 2018	BIT Sindri
2	ANN and Deep Learning	11-15 th June 2018	BIT Sindri
3	Internet of Things	18-22 nd June 2018	BIT Sindri
4	Outcome Based Education and Accreditation	March 2018	BIT Sindri
5	Faculty Induction Programme Sponsored under TEQIP III	February 2018	IIT Kharagpur
6	When Good Algorithms Yield Bad Software	November 2017	Tezpur University
7	IOT capacity Building	May 2017	Tezpur University
8	Computing-Theory and Applications	2016	ISI Kolkata
9	Regional Celebration of Women In Computing, East and North-East	2015	IIT Guwahati
10	National Workshop on Network Security	2013	Tezpur University
11	Networking & Radio Communication	2009	STPI, Shillong

15. Administrative Position Held:


S. No.	Position Held	From (date/month/year)
1	Mentor of First Year Undergraduate students (IT)	August 2018


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