

Resume

Jayadeep Pati

Assistant Professor

**Department Computer Science and Engineering
Indian Institute of Information Technology Pune**

E-mail: jayadeepati@gmail.com



1.	Name in full (in block letters)	JAYADEEP PATI		
2.	Father Name	JITENDRA KUMAR PATI		
3.	Mother's Name	JYOTSNARANI PATI		
4.	Date of Birth	01-03-1987		
5.	a)Marital Status: Single	b)Gender: Male		
6.	a)Permanent address: JAYADEEP PATI, FLAT 1(B), SAI APARTMENT, BIDANASI, CUTTACK - 753014	b)Correspondence address: JAYADEEP PATI, Assistant Professor , DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING, IIIT Pune		
	Phone (with STD)/ Mobile No.	+91-9005342079	E-mail	jayadeepati@gmail.com
7.	Nationality	INDIAN		
8.	Category under which seeking reservation/relaxation	NA		

9. Educational Qualification (from Matriculation onwards):

Exam. passed	Specialization	Board/Univers ity	Passing year	Class/ Division	%marks/ CGPA
Matriculation	All Subjects	BSE, Odisha	2002	1st	83.5
Higher Secondary (10+2)	Physics, Chemistry, Math, Biology, English and Other Subjects	CHSE, Odisha	2004	1st	73.5
UG (B. Tech)	Computer Science and Engineering	BPUT, Odisha	2010	1st	7.45 (CGPA)
PG (M. Tech)	Software Engineering	NIT Rourkela	2012	1st	8.67
PhD	Computer Science and Engineering Thesis Title: Analysis of Temporal Patterns Across Software Versions Using Time Series Models)	IIT (BHU)	2017 (Thesis Submitted on 28 – Aug- 2017) Duration: 27 – 09- 2012 to 28 – 08 - 2017		

GATE	Computer Science & Information Tech		2010	Qualified	(96 Percentile)
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10. Research activities:

(a) Paper publications in International Journals (SCI/SCOPUS/Web of Science/Internationally renowned Journal)

Sl.No.	Title of paper	Author(s)	Name of the Journal	Vol. & Year	Pages
1	A Comparison Among ARIMA, BP-NN and MOGANN for Software Clone Evolution Prediction	J Pati, B Kumar, D Manjhi, K K Shukla	IEEE Access (SCI)	5, 2017	11841-11851
2	Machine Learning Strategies for Temporal Analysis of Software Clone Evolution Using Software Metrics	J Pati, B Kumar, D Manjhi, K K Shukla	IJAER (Scopus)	12, 2017	2798 –2806
3	Analysis of Temporal Bug Patterns in Open Source Software Using Hidden Markov Model	J Pati and K K Shukla	IJSEIA (Scopus: 2011 -2016)	11, 2017	11 - 24
4	A Nonlinear ARIMA Technique for Debian Bug Number Prediction	J Pati and K K Shukla	International Journal of Artificial Intelligence and Neural Networks – IJAINN	4, 2014	17-21
5	Effectiveness of software metrics for object-oriented system	Y Suresh, J Pati, S K Rath	Procedia Technology, Elsevier	6, 2012	420 – 427

(b) Paper Publications in Conferences (SCI/SCOPUS/Web of Science/Internationally renowned Conference):

Sl.No.	Title of paper	Co-author(s), if any	Name of the Conference	Date
1	A comparison of ARIMA, neural network and a hybrid technique for Debian bug number prediction	K K Shukla	5th International Conference on Computer and Communication Technology (IEEE), MNNIT Allahabad	28-09-2014
2	A nonlinear ARIMA technique for Debian bug number prediction	K K Shukla	ACET-2014, City University of Hong Kong	26-08-2014
3	A Hybrid Technique for Software Reliability Prediction	K K Shukla	8th India Software Engineering Conference. ACM, 2015	26-08-2015
4	Time series prediction of Debian Bug data using autoregressive neural network	K K Shukla	4th International Conference on Computer and Communication Technology (IEEE), MNNIT Allahabad	23-09-2013
5	Temporal Modelling of Bug Numbers of Open Source Software Applications Using LSTM	K K Shukla, K Swarnakar and G Dhakkad	ISTA-17, MIT Manipal	13-09-2017
6	A Neural Network Approach to Debian Bug Number Prediction	K K Shukla	CIIT -2014, Mumbai	22-08-2014
7	A Hybrid Modeling Approach for Software Clone Evolution Prediction	K K Shukla	EECS-2015, Hong Kong	16-12-2015
8	Review of Software Quality Metrics for Object Oriented Methodology	Y Suresh and S K Rath	ICICIC Global, Chennai	12-02-2012

11. Book chapters written:

Sl.No.	Name of Book chapters	Name of Co-author(s),If any	Year of Publication	Publisher with address
1	Temporal Modelling of Bug Numbers of Open Source Software Applications Using LSTM	K Swarnakar, G Dhakad and K K Shukla	2017	Intelligent Systems Technologies and Applications (AISC-683)-Springer
2	Review of Software Quality Metrics for Object Oriented Methodology	Y Suresh and K K Shukla	2012	Advances in Intelligent Systems and Computing Series (AISC-216)-Springer

12. Seminars/Short Term Courses/Summer Schools/Winter school attended, if any

Sl.No.	From	To	Institute/Organization	Sponsored by	Name of the course
1	08-12-2011	11-12-2011	NIT Rourkela	NA	National Workshop on Software Engineering Applications for Computer Network (SEACN -2011)
2	23-05-2011	25-05-2011	NIT Rourkela	NA	Recent Trends in Object - Oriented Software Testing (RTOOST - 2011)
3	06-01-2013	10-01-2013	DST-CIMS, BHU	NA	ISBA Regional Meeting and International Workshop/Conference on Bayesian Theory and Applications (IWCBTA), BHU.
4	21-03-2015	22-03-2015	IIT(BHU)	NA	Regional Symposium on Natural Language Processing, IIT (BHU)

13. B_Tech Projects Guided as Research Assistant

Sl. No.	Project Name	Students (B.Tech-CSE, IIT (BHU))
1	Financial Time Series Analysis	Nishank S Bishit, Aparamit Mishra (2015)
2	Temporal Bug Pattern Prediction Using Hidden Markov Model	Harshet Agarwal, Saket Tomer, Saurabh Ojha (2014)
3	Software Clone Evolution Prediction	Amitosh Anand, Sainam Kapoor(2016)
4	Computational Aspects of Bio Informatics	Amitosh Anand (2016)
5	Clone Evolution Prediction Using MOGA-NN	Devesh Manjhi, Babloo Kumar(2016)
6	Clone Evolution Prediction using Multivariate Time Series Modelling	Devesh Manjhi, Vedant Agarwal Vinayak Batwara(2017)
7	Temporal bug Pattern Prediction Using LSTM	Gourab Dhakkad and Krishnakant Swarnakar(2017)
8	Functional Clone Evolution using Software Metrics through LSTM Modelling (Continuing...)	Devesh Manjhi, Vedant Agarwal Vinayak Batwara (2017)

14. Any other relevant information:

Number of Patent Filed	Patent Name
Patent Filed: 01	A Process for Clone Evolution Temporal Analysis in Computer Software

DECLARATION

"I hereby declare that the statements made by me in above form are true, complete and correct to best of my knowledge and belief."