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**Date of Birth:** 03<sup>rd</sup> March 1971

**Designation:** Associate Professor  
Bhusawal Arts, Science and P.O.Nahata Commerce College,  
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**Category:** O.B.C.

**Teaching Experience:** 26 years

**Date of Appointment:** 21 Aug. 1995

**Subject of University Approval:** Computer Science

**University Approval Letter No. and Date:** NMU/95/5/97/7421 [Dt. 09-10-1995]

**P.G. Recognition Letter No. and Date:** 22/09/2005 to 21/09/2012

& 22/09/2012 to till continue

**Educational Qualification:**

Sr. No.	Qualification	Name of Board / University	Month and Year of Passing	Grade / Marks / Division
1	Ph.D.[COMPUTER SCI. & TECHNOLOGY]	N.M.U. JALGAON	Feb. 2018	
2	M.C.S.[COMPUTER SCIENCE]	PUNE	December - 1994	Higher Second
3	B.C.S.	PUNE	April - 1991	Second

**Doctoral work: Title: Time Constraint Sequential Mining of Data Sequences: An incremental Data Mining Approach**

**Summary:**In our research we propose to focus on the estimation of an average intermediate time interval between events that follow each other in a sequence. Instead of sliding a pre-specified time window over sequence data, for a combination of any three events we determine how often these events follow each other

in a sequence. Furthermore, based on our sequential pattern mining approach, we proposed incremental sequential mining algorithm.

**Current Research Interests:**

- Knowledge Discovery and Data Mining
- Deep Learning
- Natural Language Processing
- Image Processing
- Computational Models for Artificial Intelligence

**Minor Research Project (funded by UGC.)**

Title: "To study the improvement in rural development through e-Governance"

**Paper Published in Conference Proceedings/ Journals (National/International):**

Sr. No.	Date of Publication	Title of Paper	Name of Journal/Acedemic Forum	Level	ISBN/ISSN
1	2020-21	Implementation and Measuring Performance of Phase Coding Audio Steganography	Design Engineering (Scopus Index Journal)	International	ISSN 0011-9342 Issue 7 pp. 9203-9210 Volume 2021
2	2020-21	Prediction of News Category using Supervised Learning Methods	SHODH SARITA (UGC Care List Journal)	International	<b>ISSN NO: 0248-2397</b> Issue Jan-Mar 2021
3	2020-21	Determination of News Category from News Description	e-proceedings of "International Conference on Transforming Through Reinvention in the Current Emerging Global Order "TTRCEGO -2020".	International	ISBN : 978-93-90288-49-6 pp. 395-397
4	2020-21	Tweets Based Sentiment Analysis	International Journal of Computer Science Trends and Technology (IJCT)	International	Volume Number 8 Issue 5 PP. 10-13 ISSN: 2347-8578 & ISO 3297:2007

5	2020-21	Analyzing students' performance based on various attributes	Journal of Engineering Sciences (JES) (UGC Care List Journal)	International	Vol 11, Issue 7, July/2020 ISSN NO:0377-9254 UGC CARE LIST Group-II
6	2019-20	Performance Assessment of Classification Techniques using Weka Tool	International Journal of Computer Research and Technology (IJCRT)	National	Vol. 2, Issue 2, pp. 22-23, ISSN-2454-7719
7	2019-20	Recommender System Using Sequential Pattern Mining	International Journal of Computer Research and Technology (IJCRT)	National	Vol. 2, Issue 2, pp. 22-23, ISSN-2454-7719
8	2018-19	Time Constraint Sequence Mining : An Incremental Approach	International Journal of Computer Engineering and Applications (IJCEA)	International	Vol. XII, Issue VI, pp.1-9, ISSN 23213469 UGC Approval No. 44835
9	June 2017	Sexual Harassment and Natural Calamity: News Event Sequence Mining	Technomathematics Research Foundation International Journal of Computer Science and Applications (IJCSA)	International	ISSN – 0972-9038, Vol. 14, No. 2 pp. 107-114
10	24-25 Mar 2017	Mining News Database to Predict Future Events	Conference Proceeding of National Conference on Advances in Computing (NCAC-2017) Place : N.M.U. Jalgaon	National	ISBN 978-81-910591-8-2 pp. 19-22.
11	7-9 Sept. 2016	Quantitative Estimation of Time Interval of 3-Sequences	Conference Proceeding and Digital Library of IEEE.2016 5th International Conference (ICRITO-2016), Noida, 2016, IEEE, Place : Amity University, Noida	International	pp. 441-446. DOI: 10.1109/ICRITO.2016.7784996

12	14-15 Oct. 2016	To Discover & Avoid Non-Significant Patterns In Sequential Data Mining	International Journal of Computer Research and Technology (IJCRT) Place : P.O.Nahata College, Bhusawal	National	ISSN-2454-7719, Vol. 2, Issue 2, July-Dec. 2016, Page No.187-189.
13	17 Oct. 2015	Comparative Study of Sequential Pattern Mining Approaches	International Journal of Computer Research and Technology (IJCRT) Place : P.O.Nahata College, Bhusawal	National	ISSN-2454-7719, Vol. 1, Issue 2, July-Dec. 2015, Page No.235-239.
14	19-20 Sept. 2014	Customer Retention Using Sequence Mining	"Platinum" a peer reviewed Nation Journal ,	National	ISSN-2231-0096, Vol. 4, Number 3(Part-II) Special Issue, Sept. 2014, Page No. 123.
15	1 day (28 Jan 2012)	"Predicted Analysis for Marketing using Data Mining"	Place : S.B.Jain Institute, Nagpur	National	
16	1 Day (8 Jan 2012)	"Sale forecasting using Data Mining"	Research Trends in Computer & Management Place : I.M.C.D. Bhusawal	State	ISBN-978-93-81171-52-9
17	2 days (17-18 Dec, 2011)	"Clustering based Stability despite of Temporal Variations"	Proceeding of the International Conference on Information Technology, Systems and Management(ITSM 2011)	International	ISBN:978-935-059-055-3 pp. 306-311
18	2 days (25-26 Sept. 2008)	"Improvement in Rural Development using IT"	Conference proceeding "SOUVENIR" at N.M.U. Jalgaon	National	
19	2 days (20-21 Dec 2002)	"e-Governance using Expert System"	Conference Proceeding of National Conference on "e-Governance" at M.J.College, Jalgaon	National	

## Poster Presentation Details [National / International]

Sr. No.	Title of Paper	Level	Place	Period
1	Determination of News Category from News Description	International	Online [IMR Jalgaon]	28 <sup>th</sup> Oct. 2020
2	Time Constraint Sequence Mining : An Incremental Approach	International	I.M.C.C.Pune	27-28 Mar. 2018
3	Mining News Database to Predict Future Events	National	N.M.U. Jalgaon	24-25 Mar 2017
4	An innovative approach to discover 3-sequence pattern mining with time interval estimation [poster]	University	N.M.U. Jalgaon	12-13 Jan 2017
5	An innovative approach to discover 3-sequence pattern mining with time interval estimation [poster]	University	G.H.Raisoni Institute of Business Management, Jalgaon	3 Jan 2017
6	Quantitative Estimation of Time Interval of 3-Sequences	International	Amity University, Uttar Pradesh	7-9 Sept. 2016
7	To Discover & Avoid Non-Significant Patterns In Sequential Data Mining	National	P.O.Nahata College, Bhusawal	14-15 Oct. 2016
8	Comparative Study of Sequential Pattern Mining Approaches	National	P.O.Nahata College, Bhusawal	17 Oct. 2015
9	Use of Clustering to Explore Stability underneath Temporal Variations [poster]	University	School Of Computer Sciences, N.M.U. Jalgaon	14-15 March 2015
10	Customer Retention Using Sequence Mining	National	B.P. Arts, Sci. College, Chalisgaon	19-20 Sept. 2014
11	"Sale forecasting using Data Mining"	State	I.M.C.D. Bhusawal	1 Day (8 Jan 2012)
12	"Clustering based Stability despite of Temporal Variations"	International	I.I.M. Kozhikode	2 days (17-18 Dec, 2011)

13	"Improvement in Rural Development using I.T."	National	N.M.U. Jalgaon	2 days ( 25-26 Sept. 2008)
14	"e-Governance using expert system"	National	M.J.College, Jalgaon	2 days(20-21 Dec. 2002)

**Details of Publications (Books / Monographs / Book Chapters) :**

Sr. No.	Details of Publication	Publication	Author (s) / Editor (s)	Level and Date
1.	Monograph ICBHE-2019 [Programming Ability and Confidence Enhancement (PACE): A Peer Tutoring Model]	Wroclaw University of Science and Technology, Poland	ManojPatil, SnehalataShirude,GajendraWani, Manish Joshi	International [5-6 sept.2019]
2	Book Chapter – “Clustering based Stability and Seasonality Analysis for Optimal Inventory Prediction” in “Global Trends in Intelligent Computing Research and Development”	IGI Global, U.S.A. (ACIR) Book Series	Dr. Manish Joshi, Dr. PawanLingras, Prof. GajendraWani, Dr. Peng Zhang	International January - 2014
3.	Book – [ Data Structure-I] Chapter 3 queue	Prashant Publication, Jalgaon	Prof. S.E.Pate, Prof. S.M.Simkar,Dr. G.R.Wani	University [2019]
4	Book – [Java Programming –I] Chapter 1 & 2	Prashant Publication, Jalgaon	Prof. G.R.Wani [co-author]	University [2014]

5	Book- [C Programming II] Chapter	Prashant Publication, Jalgaon	Dr. S.N. Kotkar, Prof S.D.Mone Prof. G.R.Wani Prof. D.D.Joshi Mrs. V.V.Chaudhari	University [2012]
6	Book - [E-Commerce]	Vrinda Publication	Prof. B.H.Barhate Prof. G.R.Wani Prof. B.S.Panchbhai	University - [30-12-2011 ]
7	Book – [Data Structure I & II]	Prashant Publication, Jalgaon	Prof. B.H.Barhate Prof. G.R.Wani Prof. S.E. Pate Prof. D.D. Joshi	University – [15-08-2008]

### Details of Conference / Symposium / Workshop Attended :

Sr. No.	Title of Conference / Symposium / Workshop	Level	Place	Period
1	Workshop - [Workshop on Choice Based Credit System for Computer Science and Information Technology]	University	Bhusawal Arts, Sci. and P.O.Nahata Commerce College, Bhusawal	30 June 2018 (1 day)
2	Faculty Development Program - [Faculty Development Program on Industry Level C and C++]	University	K.B.C.N.M.U., Jalgaon	12, 13 July 2018 (2 days)
3	Workshop - [Workshop on Capacity Building: New Mantra for Higher Education]	University	Bhusawal Arts, Sci. and P.O.Nahata College, Bhusawal	2nd Nov. 2018
4	Conference - [National Conference on Advances in Computing]	National	N.M.U. Jalgaon	24-25 March 2017
5	Workshop - [Brainstorming and Expression of Interest on My Computer ? My Marathi]	National	N.M.U. Jalgaon	10 Mar. 2017
6	Workshop - [Reframing the syllabus of T.Y.B.Sc. Computer Science and Information Technology]	University	G.G.Khadse College, Muktainagar	4 Feb 2017
7	University Level Research Convention - [Avishkar-2016] - [AVISHKAR-2016]	University	N.M.U. Jalgaon	12-13 Jan 2017
8	Poster and Programming Contest - [IT-Parv]	University	G.G.Khadse College, Muktainagar	7 Jan 2017
9	Jalgaon District Level Research Convention - [Avishkar-2016]	University	G.H.Raisoni Institute of	3 Jan 2017

			Business Management, Jalgaon	
10	Conference - [Current Trends in Computer Science and Information Technology]	National	D.N.C.V.P. Arts, Commerce and Science College, Jalgaon	9 Dec 2016
11	Conference - [2016 5th International Conference on Reliability, Infocom Technologies and Optimization (ICRITO)]	International	Amity University, Uttar Pradesh	7-9 Sept. 2016
12	Conference - [Emerging Trends in Computer & Information Technology]	National	P.O.Nahata College, Bhusawal	14-15 Oct. 2016
13	Workshop - [Indian Patenting and Filing Procedures]	National	N.M.U.Jalgaon	23 Aug. 2016
14	Workshop - [Natural Language Processing & Image Processing]	National	School of Computer Sciences, N.M.U. Jalgaon	21-23 January 2016
15	Workshop - [Reframing of syllabus of S.Y.B.Sc. Computer Science and Information Technology]	University	B.P. Arts, Sci. College, Chalisgaon	29 Dec. 2015
16	Workshop - [Introduction to Design of Algorithms]	National	K.C.E. Societys COEIT, Jalgaon	27 Apr - 30 May 2015
17	Workshop - [Reframing the Syllabus of F.Y.B.Sc. Computer Science and Information Technology]	University	Arts, Commerce and Science College, Navapur	31 March 2015
18	Faculty Development Program - [Global Business Foundation Skills]	State	Infosys BPO Ltd. Pune	09-19 Sept. 2014
19	Workshop - [Workshop on Reframing of Syllabus of M.Sc.(Computer Science), M.Sc.(I.T.) & M.C.A.]	University	B.P. Arts, Sci. College, Chalisgaon	26 Feb 2014
20	Workshop - [Reframing the syllabus of B.Sc. Computer Science & Information Technology]	University	Late Karmveer Dr. P.R.Ghogrey Science College, Dhule [M.S.]	11-12 Jan. 2014
21	Conference - [Advance in Computing]	National	N.M.U. Jalgaon	16-17 Mar 2012



22	Symposium - [Natural Language Processing & Image Processing]	National	N.M.U. Jalgaon	16-17 Jan 2012
23	Conference - [Emerging Trends in Soft Computing]	National	NowrosjeeWadia College, Pune	2 days (02-03 Feb. 2011)
24	Workshop - [Reframing of syllabus of T.Y.B.Sc. (C.S. & I.T.)]	University	B.P. Arts, Sci. College, Chalisgaon	2 days (24 -25 Feb. 2009)
25	Workshop - [New Trends in Higher Education]	University	Smt. P.K.Kotecha College, Bhusawal	1 day (1 Mar. 2009)
26	Symposium - [Advance in Computing]	National	N.M.U. Jalgaon	2 days (16-17 Mar. 2009)
27	Conference - [Sustainable Rural Development]	National	N.M.U. Jalgaon	2 days (25-26 Sept. 2008)
28	Workshop - [Workshop on Tally9.2]	University	P.O.Nahata College, Bhusawal	3 days (20-22 Sept. 2008)