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Resume

Name : **Mrs. Lata Jaywant Sankpal**
Date of Birth : 31/05/1969
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Bibwewadi, Pune - 411037.



Educational Qualification:

Examination Passed	Name of Institute	Board/ University	Year of Passing	Marks	Class/ Division
S.S.C.	Z.P. Kanya Prashala, Vaijapur	Maharashtra State Board of Secondary & Higher Secondary Education (MSBS & HS) Aurangabad	1985	83.57	Distinction
H.S.C.	V.P. College of Arts, Sci & Comm Vaijapur	(MSBS & HS) Aurangabad	1987	79.17	Distinction
BE	Government CoE Aurangabad	Marathwada University, Aurangabad	1991	64.46	First Class
ME	Walchand CoE Sangli	Shivaji University, Kolhapur	2001	68.12	First Class
PhD	Bharati COE, Pune	Bharati Vidyapeeth, Pune	April 2021	-	-

Details of Experience:

S N	Name of the College	Period From-to	Total exp (Yrs)	University To which college is affiliated	Designation
1	Jawaharlal Nehru Engineering College, Aurangabad.	06th Sept 1991 – 21st June 2003	12	Marathwada	Lecturer
2	Jawaharlal Nehru Engineering College, Aurangabad.	22nd June 2003- 10th Jan 2006	2.5	Dr. BAMU	Assistant Professor
3	G. S. Moze College of Engineering, Pune	19 th Jan 2006- 30 th June 2006	0.5	University of Pune	Assistant Professor

4	Sinhgad Academy of Engineering, Kondhwa, Pune	03rd July 2006- Till July 2022	16	University of Pune	Assistant Professor
5	PVG's CoET and GKP IoM Pune	01/08/2022 to 30/06/2023	11 Months	SPPU, Pune	Associate Professor
6	PVG's CoET and GKP IoM Pune	18/07/2023 to 15/06/2024	11 Months	SPPU, Pune	Associate Professor
7	Pimpri Chinchwad University Satte, Maval, PMRDA Pune	12/08/2024 to till date	09 Months	Private University	Assistant Professor

Professional Experience: **Teaching:** 30 +Years, **Industry:** Nil

Achievements:

- National Merit scholarship
- BCUD sponsored project
- Patent

BCUD Project details:

Sr. Num	Name of Principal Investigator	Title of Research topic	Year		Name of Agency	Status (Amt. Sanctioned in Rs.)
			Start	Completed		
1	Prof. L. J. Sankpal	A Meaning Based Bilingual Search Engine	2009-10	2011-12	BCUD, Pune	2,00,000/-

Patent details:

Sr No	Patent Application No	Date of Filing	Title of Invention	Status	Link
1	202221039505	9/7/2022	Device-Based Course Retrieval System for online Learning Management System	Reply filed. Application in amended examination	https://iprsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus

Registration for PhD : July 2016

Research Topic : “Performance optimization of metasearch engines for re-ranking of web pages”

Research Publications: 38 (8Scopus)

Research Publications Details:

S N	Title of Publication	Conference / Journal	Year of publicati on
39	Optimized Electric Vehicle Charging Scheduling Using a CNN-LSTM Hybrid Deep Learning Model	International Conference on Computing Technologies and Data Communication (ICCTDC) 2025 hosted by Malnad College of Engineering, Hassan.	4-5July 2025
38	Suspicious activity detection for prevention of violence using YOLO and CNN algorithms	International Conference on Advanced Technology and Adoption Methods in Science and Engineering(ICATAMSE-2024)	March 2024
37	Chronological-hybrid optimization enabled deep learning for boundary segmentation and osteoporosis classification using femur bone	The Imaging Science Journal	May 2023
36	2D to 3D Floor plan Modeling using Image Processing and Augmented Reality	IEEE 2023 International Conference on Recent Advances in Electrical, Electronics & Digital Healthcare Technologies (REEDCON)	May 2023
35	SquiRide Rank: SquirrelRide Rank algorithm-based feature extraction for re-ranking of web pages	International Journal of Web Portals	Feb 2022
34	Rider-Rank Algorithm-Based Feature Extraction for Re-ranking the Webpages in the Search Engine	International Journal: Oxford Academic Computer Journal Section B: Computer and Communications Networks and Systems: The Computer Journal, Volume 63, Issue Pages1479–1489,	October 2020
33	Web page re-ranking using Squirrel Search Rank Algorithm	3rd Scopus-Indexed IEEE International Conference on Intelligent Sustainable Systems (ICISS 2020)	2020
32	Efficient Approach determination for fake biometric detection	Scopus-Indexed IEEE International Conference on Computing, Communication, Control and Automation(ICCUBEA) held at Pune, publisher IEEE	Aug 2017
31	VisualPal: A mobile app for object recognition for the visually impaired	Scopus-Indexed IEEE International Conference on Computer, Communication and Control(IC4) held at Indore, publisher IEEE	Sept 2015
30	Image retrieval by comparing Semantically Structured	International Conference on recent advances in engineering science and management held at PhD chamber New	Aug 2015

	Ontology	Delhi	
29	Achieve high verifiability using proxy resignature and TPA in user revocation within the cloud	International Journal on recent and innovation trends in computing and communication, Vol 3 issue 6	
28	Image retrieval by comparing Semantically Structured Ontology	Volume 5, Issue 6, ISSN: 2319-1112 International Journal of Advances in Electrical and Electronics Engg	Aug 2015
27	Semantically Structured Ontology based Image Retrieval	Volume 5, Issue 6, ISSN: 2277 128X International Journal of Advanced Research in Computer Science and Software Engineering	June 2015
26	ProfsApp: Android app for professional networking and resume sharing	Volume 4, Issue 6, ISSN: 2319-7242 International Journal of Engineering Computer Science	June 2015
25	Opinion Feature Extraction via Domain Relevance	Volume 5, Issue 6, ISSN: 2277 128X International Journal of Advanced Research in Computer Science and Software Engineering	June 2015
24	Minimizing unwanted effects of PWS by supporting privacy protection	Volume 5, Issue 6, ISSN: 2277 128X International Journal of Advanced Research in Computer Science and Software Engineering	June 2015
2014-15			
23	ANDROID SUBURBAN BUS TICKET SYSTEM	International Journal of Engineering Research and General Science Volume 2, Issue 6, October-November, 2014 ISSN 2091-2730	2014-15
22	Bootstrapping ontologies based on web services	IRCSE Vol 4 issue 6 ISSN 2321-5585	Dec 2014
21	Survey on Security in Personalized Web Search	International Journal of Science and Research (IJSR) ISSN (Online): 2319-7064 Impact Factor (2012): 3.358	Volume 3 Issue 12, December 2014
20	Automated Attendance Monitoring and Personal Intelligent system	International Journal of Advanced Research in Computer and Communication Engineering Vol. 3, Issue 11	November 2014
19	Measuring and comparing semantic structure of ontology	IJ of science and research, ISSN:2319-7064	Nov 2014
18	Discovering Patterns in Text Mining: A Survey	International Journal of Engineering Trends and Technology (IJETT) – Volume 13 Number 1 ISSN: 2231-5381	Jul 2014

17	A Survey : Extracting Features from Online Reviews Corpus by Domain Relevance	International Journal of Science and Research (IJSR) ISSN (Online): 2319-7064 Impact Factor (2012): 3.358	Volume 3 Issue 11, November 2014
2013-14			
16	A Novel Approach in Text Mining for Discovering Useful Pattern	Proceedings of Third Post Graduate Conference on Computer Engineering cPGCON 2014 ISBN:9789351072928	2013-14
15	Collaborative Policy Administration in Online Social Networks	International Journal on Recent and Innovation Trends in Computing and Communication ISSN: 2321-8169 1318 – 1324 Volume: 2 Issue: 5	2013-14
14	Cloud Computing Based Services	International Journal Of Scientific Research And Education Volume 2 Issue 1 Pages 237-241 2014 ISSN (e): 2321-7545	2013-14
2012-13			
13	“Book tracking application in Android for Library using GPS”	International Journal of Innovative Research in Computer and Communication Engineering (IJRCCE), Volume:1,Issue:1, ISSN:2320-9798(Print),ISSN:2320-9801(Online)	March 2013
12	“E-Examination for Handicapped People”	PARIPEX-Indian Journal of Research Volume:2, issue:3, ISSN:2250-1991	March 2013
11	“Book tracking application in Android for Library using GPS “	NCPCI-2013,National Conference and project competition organized by CSI students’ chapter held at CS/IT department of VIIT, Pune	Feb 2013
2010-11			
10	“Information Retrieval in Web- Mediated Communication”	NCET -11, National Conference held at Goa College of Engineering, Farmagudi, Ponda-Goa	15 th & 16 th April 2011
9	“Personalizing User on Web”	International Journal “IJCSA” SIBAR ,Kondhwa	2 nd issue Jan 2011
8	“Proactive Knowledge Sharing on Web”	2nd International IT Summit Confluence 2011	Jan 27 th - 28 th 2011
7	“Bilingual Search Engine”	International Conference PACIA2010 held	4 th & 5 th Dec.

		at Wuhan, China	2010
6	“Contextual Indexing Algorithm”	Regional Conference for Pune University College Teachers INNOVATION 2010 SCOE, Pune	26 th & 27 th Oct. 2010
33			
5	“Contextual Indexing Algorithm”	Scopus-Indexed IEEE International Conference ICIII 2010 held at Bangkok, Thailand	23 rd & 24 th April 2010
4	“Community Forum Using Web Technology ”	NCFCA-09 organized by AISSIMS- Pune	22-24 December 2009
3	“A Meaning Based Bilingual Search Engine”	Regional Conference for Pune University College Teachers INNOVATION 2009-2010 SCOE, Pune	16th & 17th Dec 2009- 2010
2008-09			
2	“Grid Computing”	National Conference on recent trends in IT-	20-21 st Feb
		NCRTIT-Feb 09 held in IT Department of PDVVP COE, Ahmednagar.	2009
2003-04			
1	“Marathi-Hindi Machine translation system”	National Conference held in Department of Computer Engg, at IIT Kanpur	2002

Seminar / Conferences / Workshop / FDP attended:

SN	Title	Seminar/Workshop/ FDP/ Conference/ STTP	Arranged By	Dates of Programme
1	“Simulation Models in Engineering and Technology”	Regional Training Course	Organized at IIT Madras, sponsored by UNESCO, New Delhi.	12 th -23 rd March 2001
2	“Recent trends in Natural Language Processing”	International Conference	IIIT Hyderabad at NCST Kharghar, Mumbai	18 th -21 st Dec200 2
3	”Blue Print for Success”	Workshop	Qualified Learning Systems(India) held at JNEC, Aurangabad	28 th Feb-02 nd March200 3
4	“Universal	summer school	IIT Mumbai and UNDL	05 th - 13 th

	Networking Language”		foundation, Geneva	June 2003
5	“VLSI Design”	Training	Bitmappers Pune held at Government Engineering College, Aurangabad	31 st Jan-09 Feb 2004
6	“Network and Security”	Training	Linux Learning Center, Bangalore	05 th -12 th June 2004
7	“Embedded System- Present Scenario”	STTP	VIT, Pune	13 th – 27 th Dec 2004
8	“Sangam- a confluence of industry & Academia”	Workshop	Organized by UOP and Infosys held at Infosys Ltd.Pune	08 th -10 th Feb 2006
9	“Fundamentals of Rational Rose”	Training	Organized by IBM at SIBAR, Kondhwa , Pune	21 st -23 rd July 2006
10	Competency and acquiring teaching skills	Workshop	S.A.E.,Kondhawa, Pune	26 th -28 th Dec 2006
11	“Ontology, NLP, IE and IR”	Workshop	IIT, Bombay	16 th to 18 th July 2008
12	INNOVATION 2009- A meaning Based Bilingual Search Engine	Regional Research Conference	SCOE, Pune	16 th & 17 th Dec 2009
13	STTP on Advance Java	STTP	SAE, Kondhwa, Pune-48	Jan 11 th -16 th 2010
14	ICIII 2010	International Conference	International Conference ICIII 2010 held at Bangkok, Thailand	23 rd & 24 th April 2010
15	INNOVATION 2010- Contextual Indexing Algorithm	Regional Research Conference	SCOE, Pune	26 th & 27 th Oct 2010
16	“Mission 10X”	Workshop	SAE, Kondhwa, Pune-48	17 th - 21 st Oct 2011
17	Current Trends in Distributed Systems	FDP by SPPU	CS/IT Department, PVG, Pune	22 nd -24 th Jan 2012
18	INNOVATION -2012	Regional Research Conference	MAE, Aalandi, Pune	19 th -20 th March 2012
19	Train The	Co-curricular Activity	Computer Department, SKN,	17 Jun 2013 to 22 Jun 2013

	Trainer Program		COE, Vadgaon	
20	Train The Trainer Program	Co-curricular Activity	Computer Department, SKN, COE, Vadgaon	02 Jun 2014 to 07 Jun 2014
21	YES+ By Mr Anuragji Singh	Extra-Curricular Activities	SAE , Kondhwa	17 Sep to 21 Sep 2014
SN	Title	Seminar/Workshop/ FDP/ Conference/ STTP	Arranged By	Dates of Programme
22	Training on prevention of Sexual harassment	Internal Complaints committee, Savitri bai Phule Pune University	SPPU-Grievance Cell	28 Apr to 28 Apr 2015
23	Embedded System Design and IoT	TEQIP-II	Bharati Vidyapeeth Deemed University College of Engineering, Pune.	20-24 March 2017
24	Faculty Development Programme (FDP) on Cyber Security	Pandit Madan Mohan Malviya National Mission for Teachers and Teaching (PMMMNTT).	SAE Kondhwa	05-10 March 2019
25	One week Faculty Development Programme (FDP) on Industry 4.0 organized	FDP	by Department of Computer Engg. , Sinhgad Academy of Engineering, Kondhwa (Bk), Pune-48 from 28th Dec. to 1st Jan. 2020.	28th Dec. to 1st Jan. 2020
26	One Day Faculty Development Program on TE-COMP Revised syllabus (2019 course) SEM -II for the subject "Cloud Computing"	FDP by SPPU	Department of Computer Engineering In Association with Board of Studies- Computer Engineering, Savitribai Phule Pune University	11th FEB 2022.
27	ISTE approved, One week Faculty Development Program (FDP) on Future Trends in Cloud Computing: AWS, Salesforce, Azure		Department of Computer Engineering, Zeal CoE and Research Pune	22-26 February 2022
28	Inculcating Universal Human Values in	FDP by AICTE	-	30th January to

	Technical Education			3rd February 2023.
29	Online Faculty Orientation Program on the new curriculum of BE IT (2019 Course) for the subject "Elective VI - Augmented and Virtual Reality and Lab Practice- VI" of BE IT 2019 Course in association with BoS- IT, SPPU,Pune.	Department of Information Technology In association With Board of Studies- Information Technology, Savitribai Phule Pune university, Pune	Department of Information Technology In association With Board of Studies- Information Technology, Savitribai Phule Pune university, Pune	8th Feb 2023.
SN	Title	Seminar/Workshop/ FDP/ Conference/ STTP	Arranged By	Dates of Programme
30	EDUCATION 4.0 IN HIGHER EDUCATION held between	1-Week FDP	organized by Department of Computer Engineering, Vishwakarma Institute of Information Technology, Pune in association with Computer Society of India Pune Chapter	31st July 2023 and 4th August 2023.
31	Faculty Orientation Program on Big Data Analytics	1-Day FOP	AIDS Department of PVG's CoET and GKP IoM Pune in association with BoS Computer Engineering SPPU, Pune	Dec 26 2023
32	Faculty Orientation Program on Deep Learning	1-Day FOP	AIDS Department of PVG's CoET and GKP IoM Pune in association with BoS Computer Engineering SPPU, Pune	Dec 27 2023
33	Basic Rajyoga Meditation Course	1-week Workshop	by Brahma Kumaris, Mira Society Centre, Pune and PVG's College of Engineering and Technology 6: G K Pate (Wani) Institute of Management, Pune	9th January 2024 to 12th January 2024.
34	Innovative Teaching and Research Methodologies	National Level AICTE-ISTE Approved, 2-Weeks FDP	Department of Information Technology, SKN, CoE, Pune	20th February to 4th March 2024
35	Advancements in AI with IOT for Sustainability	one-week ISTE Approved Faculty Development Program	Department of Information Technology, JSPM's Rajarshi Shahu College Of Engg, Tathawade, Pune	16th December 2024 to 20th December 2024

36	AI for Tomorrow: Transforming Teaching and Research	ARKA Jain University	Centre for capacity building and Human Resource Development	6th January to 11th January 2025
37	Outcome Based Education and Application of Generative AI in Teaching and Research	One Week International Online Faculty Development Programme	The Internal Quality Assurance Cell (IQAC) of Carmel College , Mala, Thrissur in association with The Collegiate Education Department, Government of Kerala	20th February 2025 to 28th February 2025

Job Responsibilities shouldered:

SN	Responsibility	Organization	Duration
1	Worked as Sr. Supervisor for Theory Exam of University of Pune.	SAE, Kondhwa	05 – 13 May 2014
2	Worked as Sr. Supervisor for Theory Examination of University of Pune	SAE, Kondhwa	25 Nov – 12 Dec 2014
3	Worked as a Department coordinator for the Alumni meet 2014.	SAE, Kondhwa	22 nd March 2014.
4	Joint Paper Setter for End Semester Examination for the subject CS42117	Vishwakarma Institute of Technology , Pune	March 2015
5	Regarding Job Fair at SAE	MoU Interaction, SAE	1 AUGUST 2015
6	External Senior Supervisor (Observer) for University Examination/s to be held in Second half of the year, 2015	Eagle Education Society Unique Institute of Management, Gokulnagar, Katraj- Kondhava Rd, Katraj,	02 Dec to 16 Dec 2015
7	Paper Setter & Examiner for the subject Multidisciplinary NLP (410445D)	SPPU	Second half of the year, 2016
8	External Senior Supervisor (Observer) for University Examination/s to be held in Second half of the year, 2017	K.J's Educational Institute Trinity College of Engineering And Research	12 Dec 2017 to 27 Dec 2017
9	NAAC Criteria-3: Department Coordinator	PVG's CoET & GKP IoM Pune	AY:2023-24
10	Resource Person- Audit Course: Stress Relief :Yoga and Meditation: 02hour session	Computer Department, PVG's CoET & GKP IoM Pune	24/04/2024
11	Chairman/Paper Setter for the B.Tech Semester I st End Semester Exam, Nov/Dec 2024, at PCU	Pimpri Chinchwad University	Nov/Dec 2024
12	Member of Recognition of Prior Learning Committee	Pimpri Chinchwad University	Dec 2024
13	NAD Coordinator for Engineering Program	Pimpri Chinchwad University	January 2025

Membership of Professional Bodies:

- Life member of Institution of Engineers, India
- Life member of Indian Society for Technical Education, India
- Life member of Computer Society of India
- Life member of Quality Circle Forum of India

Google Scholar Citations:

Citations 78

h-index 5

i10-index 1

Other fields of Interest:

- Yoga and Meditation
- Trainer for Project Pavitra: awareness workshop on menstrual health and hygiene for adolescent girls and women by Art of Living.

Mrs. Lata Jaywant Sankpal

Date:19/05/25

Place: Pune