

Curriculum Vitae

PERSONAL INFORMATION



Dr. Raut Shriram Dagadu
Associate Professor and Head
Fellow, INTI International University, Malaysia

📍 Dept. of Computer Science, School of Computational Sciences
Punyashlok Ahilyadevi Holkar Solapur University.
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Gender Male | Nationality Indian

WORK EXPERIENCE

- Working as Associate Professor at Dept. of Computer Science, School of Computational Sciences, Punyashlok Ahilyadevi Holkar Solapur University, Solapur
- Serving as a Fellow of INTI International University, Malaysia.
- Worked as Assistant Professor at School of Technology, S. R. T. M. University, Nanded Sub-Centre, Latur.

EDUCATIONAL QUALIFICATION

Degree/Qualification	University/ Institution	Year	Class
Fellow	INTI International University, Malaysia	2026-28	--
Fellow	INTI International University, Malaysia	2024-25	--
Ph. D. (Comp. Science)	Swami Ramanand Teerth Marathwada University, Nanded	2018	Qualified
UGC-SET	Savitribai Phule Pune University, Pune	2011	Qualified
M. Sc. (Comp. Science)	Dr. Babasaheb Ambedkar Marathwada University, Ch. Sambhaji Nagar	2011	First Class
B. Sc. (Comp. Science)		2009	First Class
XII	Central Board of Secondary Education	2006	First Class
X	Central Board of Secondary Education	2004	First Class

About Research

- ❖ **Patent Published** entitled “**A Real Time Fruit Detection and Tracking System**”, App No. 202621004785 A, Publication Date: - 27-02-2026.
- ❖ **Granted Indian Design Patent** for “**AI-Powered Wearable Device for Health Monitoring**”, No: 438103-001, Date:-22-11-2024.
- ❖ The Rajiv Gandhi Science & Technology Commission, Govt. of Maharashtra under its Scheme “**Assistance for S&T Applications through University System**” has sanctioned a project to me as Principal Investigator for a proposal entitled “**Strengthening of Solapur Local Business through Digital Marketing**”, Period: 2025-2027
- ❖ The Bharati Vidyapeeth (Deemed to be University), Pune has sanctioned a Minor Research Project as a Co-Investigator to me for a proposal entitled “**AI Tool for Behaviorism Psychology and Interpretation of Emotional Quotient**”, Period: 2025-2026.
- ❖ The Ph. D. degree entitled as ‘**Development of Palm Vein Recognition Technique**’ was awarded in 2018. The Ph. D. in Computer Science under faculty of Science and Technology was completed under the guidance of Prof. Dr. V. T. Humbe, School of Technology, Swami Ramanand Teerth Marathwada University Nanded, Sub-Centre, Latur.
- ❖ The Masters project completed was based on ‘**Biometric Identification of Individual using Statistical Properties of Palm**’. I was very fortunate to get an opportunity to submit a project in Computer Science of **UGC SAP (II) DRS Phase-I: 2009-2014** under the theme ‘**Biometric: Multimodal System Development**’. This Masters project was guided by Dr. R. R. Manza, Dept. of Computer Science and Information Technology, Dr. Babasaheb Ambedkar Marathwada University, Ch. Sambhaji Nagar.
- ❖ **Visit at Abroad for Presenting Research Work**
 - Presented research work in Doctoral Consortium at IEEE International Conference on Identity, Security and Behavioural Analysis (ISBA 2015), organized by The Hong Kong Polytechnic University, Hong Kong, 23-25 March, 2015. [Received IEEE Travel Grant]
 - Presented research work in IEEE 2015 IEEE International Women in Engineering Conference on Electrical and Computer Engineering (WIECON-ECE), Oral Presentation Session organized by Bangladesh University of Engineering and Technology (BUET), Dhaka, 2017.
 - Presented paper in Oral and Poster session at International Research Symposium 2017, Global Trends towards Techno-preneurial Development, organized by Uva Wellassa University, Badulla, Sri Lanka, 2017. [Received University Travel Grant]
 - Presented paper in Oral session at International Conference on Green Sustainable Technology and Management organized by INTI International University, Malaysia, 19-20, June 2024.
 - Presented paper in Oral session at International Conference on Engineering Technology for Sustainable Development organized by joint venture of INTI International University, Malaysia and Udayana University, Bali-Indonesia. [University Travel Grant]

Honors and Awards

- ❖ **Certificate of Recognition from IEEE Biometric Council** for participating in **IEEE International Conference on Identity, Security and Behavioral Analysis**, Doctoral Consortium Event organized by **The Hong Kong Polytechnic University, Hong Kong**, March 23-25, 2015.
- ❖ **IEEE Travel Grant worth of 2500 HK\$ (~320 US\$)** for presenting research work in Doctoral Consortium at **The Hong Kong Polytechnic University, Hong Kong**, March 23-25, 2015.
- ❖ **BEST PAPER AWARD** for presenting paper in **IEEE International Conference Intelligent Systems and Information Management (ICISIM-17)** held on October 05-06, 2017 organized by Department of Computer Science & Engineering and Information Technology **MGM's Jawaharlal Nehru Engineering College, Ch. Sambhaji Nagar**, 2017.
- ❖ **Solapur University Travel Grant** for presenting research article in **International Research Symposium 2017, Global Trends towards Techno-preneurial Development** organized by **Uva Wellassa University, Badulla, Sri Lanka**, January 19-20, 2017.
- ❖ **BEST PAPER AWARD** for presenting paper in **Two Days National Conference on Innovations and Developments in Computational and Applied Science** held on December 15-16, 2017 organized by **MAEER's MIT Arts, Commerce and Science College, Alandi (D), Pune**, 2017.
- ❖ **BEST PAPER AWARD** for presenting paper in **Two Days International Conference on Recent Advances in Artificial Intelligence and Data Science, IBMRD, Ahilya Nagar**, 2022.
- ❖ **Certificate of Appreciation** for working as Social Media Expert by Media Monitoring and Certification Cell, Solapur District Election Division for the smooth conduct of **Loksabha Election 2019**.
- ❖ **Certificate of Honor** for working as Social Media Expert by **Vidhan-Sabha and Lok-Sabha Election Division - MCMC, Solapur and Madha Constituency**, 2024.
- ❖ **Certificate of Appreciation for being Research Scholar** by Pro Vice-Chancellor, **INTI International University, Malaysia**, 2025.
- ❖ **Punyashlok Ahilyadevi Holkar Solapur University Travel Grant** for presenting research article in **International Conference on Engineering and Technologies for Sustainable Development, Bali, Indonesia**, 15-16 August, 2025.
- ❖ **Certificate of Appreciation** for working as **Social Media Expert** by Media Monitoring and Certification Cell, **Solapur-Madha District Election Division & Solapur Municipal Corporation, Solapur**, 2026.

Position Held

- **Head**, Dept. of Computer Science, School of Computational Sci., PAHSUS.
- **I/C Director**, School of Life Sciences, PAHSUS.
- **Director**, International Student Affairs, PAHSUS.
- **Director**, International Cell, PAHSUS.
- **Director**, Central Assessment Program, PAHSUS [2025-26]
- **Member**, University Examination Lapses Committee, PAHSUS.
- **Member** – Internal Quality Assurance Cell, PAHSUS. [2025-27]
- **Member**, MoU Cell, PAHSUS.
- **Coordinator**, SWAYAM-NPTEL Local Chapter, PAHSUS.
- **Member**, Special Cell Standing Committee, PAHSUS.
- **Member**, Dept. Research Committee (DRC), KBP University, Satara.
- **Member**, Board of Studies Committees for UG and PG , PAHSUS.
- **Member**, Board of Studies, Indira University, Pune.
- **Member**, Board of Studies, Vivekanand College, Kolhapur [A].
- **Member**, Board of Studies, Rajashri Shahu College, Latur [A].
- **Member**, Board of Studies, AI Kalsekar Technical Campus, New Panvel [A].
- **Member**, Board of Studies, College of Comp Sci & IT (COCSIT), Latur [A].
- **Coordinator**, MSFDA and PAHSUS FDP on Integrating Skills in Education.
- **Inspection Officer**, NTA UG NEET Examination, Solapur City Centre.
- **Member**, Media Certification and Monitoring Committee, Election Division.
- **Program Committee (PC) Member**, International Conference on Recent Trends in Image Processing & Pattern Recognition.
- **Organizer and Invigilator for an online exam conducted remotely by IIT Bombay** under Spoken Tutorial Project Supported by National Mission on Education through ICT, MHRD, Govt., of India.

Courses Taught

- Machine Learning, Soft Computing
- Artificial Intelligence, Network Security
- Digital Image Processing, Cloud Computing
- Operating System, Computer Communications Network
- JAVA Programming, Distributed Operating System,
- Data Structures, Digital Electronics and Microprocessor

INVITED LECTURES DELIVERED

No.	Name of the Topic	University / Organization	Date
1.	ICT Paper 2A Ph D Course Work Session	Punyashlok Ahilyadevi Holkar Solapur University, Solapur	10-11 Apr, 2026
2.	Skill of Accessing Digital World	UGC-Malaviya Mission Teacher Training Centre (MMTTC), UGC-HRDC, University of Mumbai	24-29 Nov, 2025
3.	Ph D Course Work Session I	Ph.D. Course Work (PCW) Gondwana University, Gadchiroli	17-18 Sept, 2025
4.	Ph D Course Work Session II		25-26 Sept, 2025
5.	Diversity, Equity and Inclusion	PM UShA FDP on Transforming Academia: Empowering Faculty for Success and Well-being, PAHSUS	24 April, 2025
6.	Digital Citizenship	National Conference on Business 4.0 organized by Dr. B. A. M. U. Ch. Sambhaji Nagar, Sub-Campus Dharshiv	24 - 25 Feb, 2025
7.	E-Content Development for MOOCs	Faculty Development Program on Igniting Minds Changing Lives: A Journey in Teaching Excellence by Dahiwadi College, Dahiwadi	11 Feb., 2025
8.	Use of Google Classroom : rubrics for assessment	PM-USHA One Week Teacher Training Program on MOOCs Rayat Arts, Commerce and Science College, Madha	01 Feb., 2025
9.	Skill Development and Technical Courses	Five Days FDP Integrating Skill in Curriculum, Maharashtra State Faculty Development Academy, Pune	21 - 22 Jan., 2025
10.	Understanding Skills		
11.	Skill of Accessing Digital World	UGC-Malaviya Mission Teacher Training Centre (MMTTC), UGC-HRDC, University of Mumbai	18 Oct, 2024
12.	Understanding Skills	Five Days FDP Integrating Skill in Curriculum, Maharashtra State Faculty Development Academy, Pune	23 - 27 Sept, 2024
13.	Skill Development and Technical Courses		
14.	Digital Learning	Five Days FDP on Women in Leadership, Maharashtra State Faculty Development Academy, Pune	31 Aug., 2024
15.	Use of Technology and Explosive pace of Technological Development	Five Days FDP Road-map to Reforms in Higher Education, Maharashtra State Faculty Development Academy, Pune	25 - 29, March, 2023
16.	Skill As a Lifeline for the Community	Monthly informal brain- storming on issues of equity, access and quality in Higher Education through RUSA/MSFDA	14 March 2022
17.	Cyber Security	Online Pre PhD Course Work, UGC- Human Resource Development Centre, Dr. Babasaheb Ambedkar Marathwada University, Ch. Sambhaji Nagar	18th Jan, 2021
18.	Cyber Security Threats and Prevention Methods	REFINE-Webinar Series for Enterprising Youth, Padre Conceicao College of Engineering and Centre for Incubation and Business Acceleration, Goa	09th Oct, 2020
19.	Cyber Security and Forensic	Faculty Development Program on Recent Trends in Industry 4.0 Technologies by Dept. of Computer Engineering, Don Bosco College of Engineering, Goa	29th July, 2020
20.	Neural Network	NET Exam Coaching Workshop, Dept. of Computer Science, Shivaji University, Kolhapur	18th Feb., 2017
21.	Palm Vein Extraction Using Gabor Filter and Canny Edge Detector	Doctoral Consortium: IEEE International Conference on Identity, Security and Behavioral Analysis (ISBA 2015, The Hong Kong Polytechnic University, Hong Kong.	23-25 March, 2015.
22.	A step to Feature Extraction for Biometric Palm Vein Recognition	UGC Sponsored National Seminar on Natural Language Processing and Image Processing (NLP-IP 2015), North Maharashtra University, Jalgaon	14-15 March, 2015.

Awards / Recognitions / Certificates

No	Name of the Award	Awarding Agency	Year
1.	Certificate of Appreciation	Solapur Municipal Corporation, Solapur	2026
2.	P A Holkar Solapur University Travel Grant	International Conference on Engineering and Technologies for Sustainable Development, Bali, Indonesia, 14-18, Sept, 2025	2025
3.	Certificate of Appreciation for being Fellow	Pro Vice-Chancellor, INTI International University, Malaysia.	2025
4.	Certificate of Honour	Vidhan-Sabha Election Division - MCMC, Solapur and Madha Constituency.	2024
5.	Certificate of Honour	Lok-Sabha Election Division - MCMC, Solapur and Madha Constituency.	2024
6.	Best Paper Award	International Conference On Recent Advances in Artificial Intelligence and Data Science, IBMRD, 2022.	2022
7.	Certificate of Appreciation	School of Technology, SRTMUN, Sub-Centre, Latur	2021
8.	Letter of Appreciation as Keynote Speaker	Three Days Online National Level Faculty Development Program II, Deogiri College, Ch. Sambhaji Nagar	2021
9.	Certificate of Appreciation as Resource Person	UGC-Human Resource Development Centre, Dr. Babasaheb Ambedkar Marathwada University, Ch. Sambhaji Nagar	2021
10.	Certificate of Appreciation as Organizing Member	International Web Conference on Impact of COVID 19 on Education System, Dr.BAMU, Aurangabd, Computer Society of India, Wikimedia India and IETE	2020
11.	Appreciation Letter as Keynote Speaker	15 Days Webinar Series for UG and PG Students, Dayanand Science College, Latur.	2020
12.	Certificate of Appreciation as Keynote Speaker	Recent Trends in Industry 4.0 Technologies, Don Bosco College of Engineering, Goa	2020
13.	Certificate of Appreciation as Social Media Expert	Media Certification and Monitoring Committee (MCMC), District Election Division, Solapur	2020
14.	Solapur University Travel grant	International Research Symposium 2017, Global Trends towards Techno-preneurial Development, organized by Uva Wellassa University, Badulla, Sri Lanka, January 19-20, 2017.	2017
15.	Best Paper Award	Two Days National Conference on Innovations and Developments in Computational and Applied Science held on December 15-16, 2017 organized by MAEER's MIT Arts, Commerce And Science College, Alandi(D), Pune.	2017
16.	Best Paper Award	IEEE International Conference Intelligent Systems and Information Management (ICISIM-17) held on October 05-06, 2017 organized by MGM's Jawaharlal Nehru Engineering College, Aurangabad.	2017
17.	IEEE Travel Grant worth of 2500 HK\$ (~320 US\$) to attend Doctoral Consortium	The Hong Kong Polytechnic University, Hong Kong, March 23-25, 2015.	2015
18.	Certificate of Recognition from IEEE Biometric Council	IEEE International Conference on Identity, Security and Behavioural Analysis, organized by The Hong Kong Polytechnic University, Hong Kong, March 23-25, 2015.	2015
19.	First Prize for Innovation	University Level Research Festival "AVISHKAR-2014" under Teacher Category for Pure Sciences.	2014

Research Publication Metrics [2026]

Research Work	International	National	Total
Research Articles Published	45	13	58
Books & Conference Publishing	02	01	03
Research Articles Presented In Conferences/Symposiums	19	23	42
Column Written for Newspaper		09	09

Scopus	Number	Google Scholar	Number
Documents Listed	06	Citations	154
H-Index	03	H-Index	07
Citations	24	i10-Index	05

Professional Training and Courses Attended

- Two Week Training of Sensitization on Innovation & Cutting Edge Technologies, Maharashtra State Faculty Development Academy (MSFDA), Pune 18-04-2022 to 29-04-2022, Maharashtra State Faculty Development Academy (MSFDA), Pune
- One Week Intensive Training on Impactful Innovations & Industry Connect, Maharashtra State Faculty Development Academy (MSFDA), Pune 26-07-2022 to 30-07-2022, Maharashtra State Faculty Development Academy (MSFDA), Pune
- Two Week Refresher Course in Information Technology and Computer Science, UGC-MMTTC, Dr. B. A. M. University, Ch. Sambhaji Nagar 18-09-2023 to 05-10-2023 UGC-MMTTC, Dr. B. A. M. University, Ch. Sambhaji Nagar
- One Week Faculty Development Program on High Performance Computing, Centre for Development of Advanced Computing (C-DAC), Bangalore, 20-11-2023 To 24-11-2023 C-DAC, Bangalore [Ministry of Electronics and IT]
- One Week FDP on Empowering Innovations through Comprehensive Approaches to Research & Development, A. G. Patil Institute of Technology, Solapur 12-08-2024 to 17-08-2024, The Institution of Engineers (India)-Solapur Local Center
- One Week FDP on "Applied AI: Practical Implementations" under TechSaksham Program AICTE, Microsoft and SAP, India, 18-11-2024 to 22-11-2024, AICTE TechSaksham, New Delhi
- One Week FDP on AI Evolution: From Foundations to Generative AI under AICTE TechSaksham AICTE, Microsoft and SAP, India, 29-01-2024 to 02-02-2024, AICTE TechSaksham, New Delhi
- Training of Trainers on Integrating Technology in Education Program, Maharashtra State Faculty Development Academy, Pune 02-06-2025 To 06-06-2025, Maharashtra State Faculty Development Academy, Pune
- Participated in Two Week Faculty Development Program on "Sensitization on Innovation & Cutting-Edge Technologies" organized by Maharashtra State Faculty Development Academy, Pune from 18 to 29 April, 2022.
- Participated in 03 Days Workshop on "Block-chain and its Applications" organized by Dept. of Information and Communication Technology, MGM University, Aurangabad from 08 to 10 March, 2022.
- Participated in Two Week Professional Development Program on "MATLAB and LabVIEW Programming for Engineering Applications" organized by National Institute of Technical Teachers' Training and Research, Chennai from 24-01-2022 to 04-02-2022.
- Participated in Two Week AICTE-Faculty Development Program on "Big Data Tools, Neural Networks and Data Analytics Tools" organized by Jagan Institute of Management Studies, Delhi between 9 December to 21 December 2019.
- Participated in Refresher Course organized by UGC - HRDC, University of Allahabad (A Central University), Allahabad from 09 to 29 March, 2018.