

Dr. Swati Shirke-Deshmukh
HoD CSE-AI&ML & Associate Professor

IEEE Student Branch Counselor || Ph.D. Research Supervisor ||
BoS Member || LMISTE|| IEEE Senior Member ||
B.E –Computer Engineering || M.E-Computer Engineering || Ph.D. CSE.
Certified in Generative AI
Teaching Experience- 16 years Research Domain: AI & ML
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[Google Scholar](#) | [Scopus](#) | [ORCID](#)



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Research Publications	Scopus Indexed	SCI Indexed	Book Chapters	Copyrights	Conferences	Patents	Text Books
32	29	04	04	08	30	03	11

EDUCATIONAL QUALIFICATION:

- Ph.D. in Computer Science and Engineering from Bharath Institute of Higher Education and Research, Chennai, 3rd November 2020.**
- ME Computer Engineering, Pune University, Pune, December 2013, First Class.
- BE Computer Engineering, Pune University, Pune, August 2009, First Class.
- DCM Computer Engineering, MSBTE, Mumbai, July 2005, First Class.

EXPERIENCE (16 Years):

Designation	Organization	Location	Duration
Associate Professor	Pimpri Chinchwad University	Pune	1 Jan 2024 – Present
Assistant Professor	MIT ADT University	Pune	6 Apr 2021 – 31 Dec 2022
Assistant Professor	NBN Sinhgad School of Engineering	Pune	2 Jul 2014 – 15 Mar 2021
Lecturer	JSPM's BSIOTR, Wagholi	Pune	2 Jun 2012 – 30 Jun 2014
Lecturer	PDEA College of Engineering, Hadapsar (Manjari)	Pune	1 Jan 2010 – 30 Apr 2012

PROFESSIONAL MEMBERSHIP:

- Life Member of Indian Society of Technical Education (ISTE). (LM118228)
- IEEE Senior Member-Maharashtra Section: Member # 100599817

Roles and Responsibilities handled:

1. Pimpri Chinchwad University, Pune

Associate Professor & Head – CSE (AI & ML Department)

January 2024 – Present

University-Level Responsibilities

- IEEE Student Branch Counselor.
- BoS Coordinator, School of Engineering and Technology.
- Coordinating academic processes, curriculum updates, and university-level initiatives.

Department-Level Responsibilities

- Heading the **CSE-AI & ML Department** and managing academics, planning, quality assurance, and faculty coordination.
- Supervising timetable creation, course execution, and continuous assessment.
- Conducting workshops, seminars, bridge courses, and departmental events.
- Blockchain Club and IEEE Student Chapter Coordinator

Sr.No.	Event Organized and Coordinated	Type
1	PCU IEEE Student Branch Inaugural Ceremony (INNOVARE: Inspiring Innovation, Engineering Excellence)	Inauguration Ceremony
2	AI in Business and Finance — Expert Guest Lecture	Technical Seminar
3	Website Development Competition for PCU Faculty Members	Technical Competition
4	IEEE Symposium: Bridging Academia & Industry in AI & ML	Faculty Symposium
5	Teacher's Day Celebration	Institutional Academic Event
6	Parent-Teacher Meet	Community Engagement
7	IEEE Day Celebration — "IEEE Innovista"	Celebration + Tech Talk
8	ACM Day Celebration — Insights on Hackathon	Technical Awareness
9	AI in Aviation — Expert Talk	Guest Lecture
10	Career Guidance Seminar	Student Development
11	Datathon	Data-Driven Hack Event
12	How to Write a Research Paper? Workshop	Research Skill Building
13	3-Day Workshop on Zscaler Cloud Security	Hands-on Training
14	Two-Week Training Program on Software Testing	Skill Training
15	Research Paper Essentials — IEEE EduWeek Special	Academic Workshop
16	Empowering Research with AI Tools — FDP	Faculty Development
17	Student Induction Program	Orientation

2. MIT ADT University, Pune

Assistant Professor & Integrated B. Tech Programme Head.

April 2021 – Dec 2022

Major Administrative Roles:

- **Integrated B. Tech Programme Head.**
- **DUGC Committee Member.**
- **University-level SPOC – ICT Academy.**
- **ACES Club Coordinator.**
- **Cultural Coordinator** for university-level events.
- **Institute Co-Convenor** for PERSONA FEST 2023.
- **National Level Project Competition Convener.**
- **FDP Coordinator.**
- **BoS Member**

Academic Responsibilities:

- Course Coordinator for **Data Structures and Algorithms** and other subjects.
- Internal Supervisor for University Examinations.
- Paper Setter for MITADT & VIIT Engineering Colleges.
- Internship Coordinator for BE final-year projects.
- Organized multiple workshops, seminars, FDPs, and admission outreach events.

Worked As Convener

Event/Seminar/Workshop/Competition organized as a CONVENER at MIT School of Computing.

- ✓ 3-Weeks DevOps Training for B.Tech Programme, 18th January to 3rd February 2023 | 09:30 AM to 4:30 PM
- ✓ PERSONA “TECHNICAL FEST” 14th Feb 2023 to 16th Feb 2023.
- ✓ Project Expo “State Level Project Competition Polytechnic Students, 17th April 2023.
- ✓ Farewell 2023 CSE and JWELES, 27th April 2023. At MIT School of Computing.
- ✓ 5-Days Faculty Development Program in association with ICT Academy. 18th September 2023 to 23rd September 2023

Admission Related Activities.

- ✓ Prepared Brochure of MIT School of Computing 2023.
- ✓ Outreach Program at Ahmednagar on 23rd March 2023.
- ✓ Career guidance session for Vidyam academy students on 24th April 2023.
- ✓ Webinar series for admission session conducted on 11th June 2023.

3. NBN Sinhgad School of Engineering, Pune

Assistant Professor & Project Coordinator

June 2014 – March 2021

Institute-Level Roles:

- Worked at SPPU CAP Center — paper assessment & evaluation.
- NAAC Student Section Coordinator.
- Alumni Coordinator.
- Guest Lecture Coordinator.
- Department Academic Report Coordinator.
- Class Teacher / Teacher Guardian.
- STP Trainer and Prayas committee member.
- Techtonic Technical Event Coordinator & Convener
- Graduation Ceremony & Alumni Meet Event Coordinator

4. JSPM's BSIOTR, Wagholi, Pune.

June 2012-May 2024

Lecturer

- Key Responsibilities: Organized and coordinated departmental technical events.
- Mentored student projects and guided BE final-year students.
- Contributed to syllabus workshops and academic planning.
- Internal Exam Coordinator.

5. PDEA College of Engineering, Hadapsar/Manjari, Pune

- Lecturer

January 2010 – April 2012

- Academic & Administrative Responsibilities
- ISTE Coordinator for seminars, workshops, and technical events.
- Organized training programs.

Workshop/FDP/STTP Organized & attended

1	Organized Conducted 3-Days FDP on Empowering Research with AI Tools for Faculty members at Pimpri Chinchwad University from 1 st July 2025 to 3 rd July 2025.
2	Faculty Development Program on Full Stack Development using Java held during 18.09.2024 to 28.09.2024 organized by Atharva College of Engineering, Malad, Mumbai, (Maharashtra).
3	One Week Online Faculty Development Program (FDP) on “Leveraging Insights for Effective Implementation of National Education Policy in Computer Engineering”, organized by the Department of Computer Engineering, PCCoE, from 11th March 2024 to 15th March 2024.
4	One Week Online Faculty Development Program on “Software for Solar Simulation“ at BSIET from (25 Nov to 29 Nov 2024)
5	Participated and presented a paper “Biometric Personal Iris Recognition from an Image at Long Distance” Third International Conference on Trends in Electronics and Informatics (ICOEI2019) ISBN:978-1-5386-9439-8 DOI:10.1109/ICOEI.2019.8862640 (5 th April 2019).
6	Participated and presented a paper “Iris Recognition Using Visible Wavelength Light Source and Near-Infrared Light Source Image Database: A Short Survey” Third International Conference on Trends in Electronics and Informatics (ICOEI 2019) ISBN: 978-1-5386-9439-8 DOI:10.1109/ICOEI.2019.8862640 (5 th April 2019).
7	Participated and presented a paper “Digital Image Processing Technique”, National Conference on Recent Advances in Engineering Sciences 2k19, ISSN: 2348-8034, 2019.
8	Participated and presented a paper “Cued Click points-based authentication”, International Conference on Innovative and Advanced Technologies in Engineering (ICIATE 2019), (27-29 March 2019).
9	Participated and presented a paper “Review of Iris Recognition with UBIRIS v2”, in National Level Paper Presentation Conference” (Futurizm 2018) 30th and 31st Ja held at P.D.E.A, C.O.E, Manjari, and Pune(30-31 feb 2018).
10	Participated and presented a paper, “Review of Iris Recognition Techniques”, “International Conference on Algorithms, Methodology, Models, and Applications in Emerging Technologies- 2017, (ICAMMAET) organized by Bharath Institute of Higher Education and Research (16-18 Feb 2017).
11	Participated and presented a paper “Iris Recognition Using Hough Transform” in National Level Paper Presentation Conference at NCRTST conference 2k19, Bharath University Chennai. (25-26 April 2019).
12	Participated and presented a paper “A Survey: Iris Recognition System with feature Extraction” National Conference on Big data and Smart Clouds (BIHER, Chennai).
13	Participated and presented a paper “Review of Iris Recognition With ANN “National Conference on Next Generation Computing (BIHER, Chennai)(27 th April 2018).
14	Participated and presented a paper “Overview of Iris Recognition with Ubiris.V2” International Conference: ICIATE 18, At Mumbai, (05-08 March 2018).

15	Participated and presented a paper “A survey: Iris Recognition system with feature extraction”, National Conference on National Conference on Bigdata and smart clouds (NCBSC-17 organized by school of computing at Bharath University during(23-24 March 2017).
16	Participated and presented a paper “Review of IRIS recognition techniques” International Conference on Algorithms, Methodology, Models, and Applications in Emerging Technologies (ICAMMAET) (16-18 Feb 2017).
17	Participated and presented a paper,” Finger Cursor Using Gesture Recognition”, International Conference on Communication and Signal Processing, April 6-8, 2016.
18	Participated and presented a paper at International Conference on Innovation Engineering and Technologies (ICIET“16), organized by CAASR Publishers and held at KualaLumpur, Malaysia. (5th and 6th May 2016).
19	Participated in One week STTP “Routing in Internet of Things” 2 nd Feb 2016 to 6 th feb 2026 at NBNSSoE
20	Participated in One Week Faculty Development program on “Computer Network” 5 th to 10 th Jun,2017,at NBN SSOE
21	FDP attended on “Machine Learning for Data Science”, at P.D.E.A.COEM Pune, (6- 7 2018).
22	FDP attended ”National level FDP on Ethical hacking using kali Linux” RMD Sinhgad School of Engineering, (15-16 Feb 2016).
23	Participated in one day FDP on “Computer Organization and Architecture” in association with BoS, Computer Engineering, SPPU, Pune, at NBN Sinhgad School of Engineering, Pune (24 June 2016)
24	Participated and contributed in the workshop of “BE Computer Engineering syllabus of Board of Studies in Computer Engineering”, at NBN Sinhgad School of Engineering, Pune (28February 2015)
25	Workshop Attended on “Introduction to Data Analytics using Big-Data” Conducted by Geekslab Technologies Pvt. Ltd. in association with AIESEC-IIT Delhi at STES’s NBN Sinhgad School of Engineering, Pune (19-20 September 2016).
26	Participated in FDP on Cyber Security at NBN SSOE, Ambegaon (bk), (Pune.8 -13 April 2019).
27	Workshop Organized on “Arduino Programming” is organized by Department of Computer Engineering Sinhgad School of Engineering, Pune on (24th March 2017).
28	Participated in one day FDP on “Computer Graphics” in association with BoS, Computer Engineering, SPPU, Pune, at NBN Sinhgad School of Engineering, Pune (21 December 2016)
29	Workshop attended on “Programming Laboratory-IV” on MITCOE, Pune,(13th Jan 2015)
30	Workshop attended on “OOMD using UML with essential of rational Software” at JSPM BSIOTR-W Pune(27-30 June 2013)
31	Workshop attended on” Intelligent Networking and Virtual Organization” at SIDDHANT College of Engineering Pune, (15- 17 March 2012).
32	Workshop attended on” Effective Research Methodology” at P.D.E.A.COEM Pune (27 Jan2012).
33	Workshop attended on ”software Testing” at Information Technology Department P.D.E.A.COEM, Pune (Feb 2011)
34	Workshop Organized on “An approximation of Algorithms”, at Information Technology Department P.D.E.A.COEM, Pune. (March 2011).
35	Workshop Coordinator on “Introduction to latex” at Information Technology Department P.D.E.A.COEM, Pune (22 March 2011).
36	Workshop attended on documentation of Latex” at SITCOM Narhe, Pune. on (16-17 Nov 2011)
37	Workshop Organized on “Gateway to Animation” at Information Technology Department P.D.E.A.COEM, Pune (March 2010).

RESOURCE PERSON (11)

1. Invited as a Resource Person Expert session on “Data Structures and algorithms “at VIIT, Pune.(26th July 2023)
2. Invited as a Resource person online mode for “Software Engineering “at SVCP, Baramati. (13 March 2023).
3. Invited as a Resource Person Expert session on “Blockchain Technology “at VIIT, Pune. (6 April 2023).
4. Invited as a Resource Person for conducting a lecture on “Advance data structures”, at Information Technology Department of Pravara Rural Engineering College Loni, Ahmednagar (22 Feb 2020).
5. Invited as a Resource Person for conducting a lecture on “Research Methodology”, at Information Technology Department of Pravara Rural Engineering College Loni, Ahmednagar (22 Feb 2020).
6. Invited as a Resource Person for conducting a lecture on “Advanced Data Structures” at PDEA’s College of Engineering Manjari, Pune. (28th September 2018).
7. Invited as a Resource Person for conducting a lecture on Software Architecture” at Vishwa Bharati Academy’s COE. Ahmednagar. (27th Aug 2018).
8. Invited as a Resource Person for conducting a lecture on “Software Engineering” at Dhole Patil College of Engineering Pune.(05th Oct 2018).
9. Invited as a Resource Person for conducting a lecture on “Algorithms Design issues for Smart Systems” at Sinhgad College of Engineering, Vadgaon, Pune.(23rd September 2016).
10. Invited as a Resource Person for conducting a lecture on “Computer Organization “at Computer Engineering Department of Pravara Rural Engineering College Loni, Ahmednagar (25 July 2016).
11. Invited as a Resource Person for conducting a lecture on “Smart Systems“at Computer Engineering Department of Pravara Rural Engineering College Loni, Ahmednagar (25 July 2016).
12. Invited as a Resource person for conducting one-day FDP on “Internet of Things” at Shri Chhatrapati Shivaji Maharaj College of Engineering, Ahmednagar (17 September 2016)

Online Course (45)

<input type="checkbox"/>	HTML, Udemy	26 th March 2020.
<input type="checkbox"/>	Software testing for beginners	27 th March 2020.
<input type="checkbox"/>	UX/UI design course	27 th March 2020.
<input type="checkbox"/>	MySQL database	27 th March 2020.
<input type="checkbox"/>	Human Resource Management Concepts	28 th March 2020.
<input type="checkbox"/>	Cyber Security, Packethacks	30 th March 2020.
<input type="checkbox"/>	Learn Python from Scratch: Basics and Projects for practice	5 th April 2020.
<input type="checkbox"/>	Code Academy: Mommyproneurs No2	5 th April 2020.
<input type="checkbox"/>	An Ultimate Leadership class: How to be a leader	5 th April 2020.
<input type="checkbox"/>	Essential Management skills Ultimate Leadership training for managers.	5 th April 2020.
<input type="checkbox"/>	Practical Project Management: Course for managers	5 th April 2020.
<input type="checkbox"/>	Learn Web Design the ultimate guide for Beginners.	5 th April 2020.
<input type="checkbox"/>	Conflict Management Course: Deal With Colleagues Like a Pro	5 th April 2020.
<input type="checkbox"/>	Course on How to Develop Gravitas & How to Get People to Listen to You	6 th April 2020.
<input type="checkbox"/>	Course on How to Develop Gravitas & How to Get People to Listen to You	6 th April 2020.
<input type="checkbox"/>	Ultimate Course on How to Take Control of Your Life Into Your Hands	9 th April 2020.
<input type="checkbox"/>	Effective Meetings Training: How to Conduct a Meeting Properly	12 th April 2020
<input type="checkbox"/>	VCUA Environment: What is it and how to thrive in one	12 th April 2020.
<input type="checkbox"/>	Severe Acute Respiratory Infection (SARI) Treatment Facility Design, WHO, Gov. on Angular 2 for beginners by new Boston	7 th April 2020.
<input type="checkbox"/>	C # for beginner by Brockeys	14 th April 2020
<input type="checkbox"/>	Intellectual Property by a crash course	15 th April 2020.
<input type="checkbox"/>	PowerPoint for beginner by PowerPoint channel	16 th April 2020
<input type="checkbox"/>	Purchasing Management with Américo Cunha	17 th April 2020.
<input type="checkbox"/>	UI/UX design study by self-study space	18 th April 2020
<input type="checkbox"/>	SEO for beginners by the new bostern	19 th April 2020

<input type="checkbox"/>	One day Webinar on “Standardizing Blockchains” by IEEE Standards.	27 th April 2020
<input type="checkbox"/>	Three days Webinar series on” Education 4.0” IQAC Atharv College of Engineering, Mumbai.	28 th to 30th April 2020 .(4:00 pm to 6:00 pm).
<input type="checkbox"/>	Computer Society of India Amravati Chapter, Amravati organizes an Intellectual Property Rights (IPR) Online Contest-2020 on the occasion of World IPR Day 2020, completed online contest.	26 th April 2020.
<input type="checkbox"/>	participating in the Online Quiz Contest on the COVID-19 AND SAFETY AWARENESS organized by Skill development department of SVIT, Nashik	30 th April 2020.
<input type="checkbox"/>	One day webinar on “Effective Conduct of Online Classes” Shri Eshweshwer college of Engineering, Chennai.	8 th May 2020.
<input type="checkbox"/>	One day Webinar on Lung Disease Classification System, SKNCOE, Pune	18 th May 2020
<input type="checkbox"/>	One day Webinar on, “Coping Stress in Pandemics ” organized by Department of Computer Technology. Sinhgad Technical Education Society’s Sou. Venutai Chavan Polytechnic.	30 th May 2020
<input type="checkbox"/>	One day Webinar on The DevOps way of Automating & Securing IT Infrastructure, NBNSSOE(COMP), Pune	25 th May 2020
<input type="checkbox"/>	Online Quiz Contest clear on “PYTHON QUIZ” organized by Department of Computer Engineering, NBN Sinhgad School of Engineering, Pune	5 th April 2020.
<input type="checkbox"/>	Online Quiz Contest clear on “JAVA QUIZ organized by Department of Computer Engineering, NBN Sinhgad School of Engineering, Pune	8 th April 2020.
<input type="checkbox"/>	Online Quiz Contest clear on “ Cloud Computing “organized by Department of Computer Engineering, AISSMS, Pune	17 th April 2020.
<input type="checkbox"/>	Online Quiz Contest clear on “ Machine Learning Basics“organized by Department of Computer Engineering, AISSMS, Pune	17 th April 2020.
<input type="checkbox"/>	Online Quiz Contest clear on “WORLD TELECOMMUNICATION DAY QUIZ organized by Department of Computer Engineering, NBN Sinhgad School of Engineering, Pune	17 th April 2020.
<input type="checkbox"/>	Online Quiz Contest clear on “Python QUIZ” organized by Department of Computer Engineering, placebo Pathak, Pune	21 st May 2020
<input type="checkbox"/>	Online Quiz Contest clear on“IOT ELECTRO 2020 QUIZ” “organized Department of Computer Engineering,	22 nd May 2020
<input type="checkbox"/>	Online Quiz Contest clear on “ Computer Awareness program QUIZ ”“organized by BBA Department of Sarhad College of Arts and Science College, Pune	05 th May 2020
<input type="checkbox"/>	Online Quiz Contest clear on “Robotics QUIZ” “organized by Automation and Robotics Club of RIT, in Association with IE(I), Ramco Institute of Technology,Rajapalayam	05 th May 2020
<input type="checkbox"/>	Online Quiz Contest clear on the COVID-19 AND SAFETY AWARENESS organized by Skill development department of SVIT, Nashik conducted	30 th May 2020
<input type="checkbox"/>	One Week "NAAC Awareness Programme for Faculty, MMIT, Lohgaon" Pune	8 th May to 14 th May 2020.

BOOKS PUBLISHED (11)

Sr. No.	Title	ISBN	Publisher	Year
<input type="checkbox"/>	Embedded operating Systems	978-93-5164-367-8	Nirali Publications	2015
<input type="checkbox"/>	Smart System Design and Applications	978-93-5164-706-5	Nirali Publications	2016
<input type="checkbox"/>	Advanced-Data Structures	978-0521880374	Nirali Publications	2017
<input type="checkbox"/>	Artificial Intelligence and Robotics	978-93-3321956-3	Technical Publications	2018
<input type="checkbox"/>	Data Structures and Algorithms (SPPU)	9789354510281	Nirali Publications	2021
<input type="checkbox"/>	Theory of Computation	9789354512889	Nirali Publications	2021
<input type="checkbox"/>	Theory of Computation BATU	9789354518577	Nirali Publications	2022
<input type="checkbox"/>	Data Minining	9789354518119	Nirali Publications	2022
<input type="checkbox"/>	Artificial Intelligence and Machine learning	9789354518508	Nirali Publications	2022
<input type="checkbox"/>	Economics and Management	9789354519338	Nirali Publications	2023
<input type="checkbox"/>	Pattern Recognition	9789395951753	Nirali Publications	2023

Patent: 03

Sr. No	Title of the Patent	Type (Literary/ Design / Art/Ordinary)	Status (Filed / Published / Granted / To be Filed)	Application no.	Date of Filing / Publishing/ Grant or Prospective Date of filing
01	An Intelligent Audio and Video Recorder Embedded With A Speech Recognition and Video Processing System	Design	Grant	202121061379	07 January 2022
02	Smart Intelligent Entertainment ROBOT for Assisting children using IoT and Machine Learning	Ordinary	Published	202341004377	23 January 2023
03	Published Patent on “An Intelligent Audio and Video Recorder Embedded With A Speech Recognition and Video Processing System” Application Number: 202121061379	Ordinary	Published	202121061379	11 February 2023

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Sr.No.	Title of the Copyright (Canadian)	Type (Literary/ Design / Art/Ordinary)	Status (Filed / Published / Granted / To be Filed)	Reg. No.	Date of Filing / Publishing/ Grant or Prospective Date of filing
01	Cryptographic Secure Algorithm with User Validating Preservation Scheme in IOT Healthcare	Literary	Published	1195054	26-07-2022

02	Structure of Deep Belief Neural Network for IAAD, 1155/2023-CO/L	Literary	Published	1155/2023-CO/L	11-06-2023
03	Algorithm for vehicle accident prevention using computer vision and lane tracing	Literary	Published	831/2023-CO/L	12-07-2023
04	Algorithm to monitor Obstructive Sleep Apnea (OSA) occurrence by recognizing types of snoring using Edge Computing	Literary	Published	827/2023-CO/L	30-07-2023

PERSONAL INFORMATION

Date of Birth: January 14th, 1985.

Citizenship: Indian

Father's Name: Shirke Dattatraya Ramchandra

Permanent Address: Srikanth View, s6/21, Sai-Siddhi chawk, survey no.16, Ambegaon Pathar, Pune.

Address:

Strengths:

- Vision and a plan to reach that vision.
- Can work in a team.
- Hard worker.

I hereby declare that all the above information furnished by me is true to the best of my knowledge.

Date: 1/12/2025

Dr. Swati Shirke-Deshmukh

Annexure-I

Sr.No	Paper Title	Journal Name	INDEXING
LIST OF PUBLICATION SCI and WEB OF SCIENCE			
1	Local Gradient Pattern and Deep learning-based approach for the Iris Recognition at-a-Distance.	Published International Journal of Knowledge-Based and Intelligent Engineering Systems.	Web of Science SCOPUS
2	ScatT-Loop: Scattering Tetrolet Loop Descriptor and Optimized NN for Iris Recognition at-a-distance	Published International Journal of Biomedical Engineering 7th Sept.2021.	Web of Science Core
3	Chronological Monarch Butterfly Optimization-based Deep Belief Network for Iris Recognition at-a-Distance.	Published Knowledge-Based and Intelligent Engineering Systems, Acceptance 3rd April -2021.	Web of Science SCOPUS
4	Iris Recognition Using Hough Transform	Published Advancement in Engineering, Science & Technology J. Mech. Cont.& Math. Sci., Special Issue, No.-2, August (2019) pp 178-183	Web of Science J-GATE
INTERNATIONAL JOURNAL PAPERS (Scopus Indexed)			
5	Correct Personal Iris Recognition at Long Distance by using Daugman's Rubber Sheet Model	International Journal of Recent Technology and Engineering,2277-3878 Volume-8, Issue- 1S5, June 2019.(IJRTE)	SCOPUS J-GATE Google Scholar
6	Biometric Private Iris Recognition from an Image at Long Distance	International Journal of Engineering and Advanced Technology (IJEAT), Volume- 8, Issue-5S3	SCOPUS J-GATE Google Scholar
7	Iris Recognition from an Image at Lengthy Distance by using Deep Belief Neural Network (DBN)	International Journal of Engineering and Advanced Technology (IJEAT), July 2019.	SCOPUS J-GATE DOAJ
8	Personal Iris Recognition from an Image at Long Distance using Back Propagation Neural Network"	International Journal of Innovative Technology and Exploring Engineering (IJITEE).ISSN: 2278-3075, 2249-8958, Volume-8, Issue-5S3Volume-8, Issue-9S4Volume-8, Issue-9S4, July 2019.	SCOPUS J-GATE Google Scholar DOAJ World CAT
9	Radon Transform Over Hough Transform And Daugman's Rubber Sheet Model Over Modified Fourier Descriptor Method For Identification Of An Iris From Long Distance	Journal of critical reviews (JCR) ISSN- 2394-5125 Vol 6, Issue 5, 2019.	SCOPUS ORCiD
10	Biometric Iris Recognition of Person from an Image at Long Distance using Chronological Monarch Butterfly Optimization-based Deep Belief Network	International Journal of Recent Technology and Engineering. ISSN: 2277-3878, Volume-8, Issue-2S8, August 2019. (IJRTE)	SCOPUS J-GATE Google Scholar DOAJ

11	Structure of Iris Recognition technique	International Journal of Engineering and Advanced Technology, ISSN:22498958,Volume-9 Issue-1, October 2019 (IJEAT)	J-GATE Google Scholar
12	Iris Feature Extraction Method Overview	International Journal of Engineering and Technology(UAE), ISSN: 2227-524X Volume-7 Issue-4.39, APR 2018.(IJET)	Scopus Google Scholar
13	Iris Recognition at-a- Distance by Means of Chronological MBO-Based DBN	International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278- 3075, Volume-8 Issue-12, October 2019	Scopus Google Scholar
10	Multimodel biometrics systems using iris scanning and face recognition	International Journal of Early Childhood Special Education Volume 14 No 3 (2022): DOI: 10.9756/INT-JECSE/V14I3.217	scopus
11	Review of IRIS recognition techniques	International Conference on Algorithms, Methodology, Models and Applications in Emerging Technologies (ICAMMAET). ISBN: 978-1-5090-3378-2 DOI: 10.1109/ICAMMAET.2017.8186651	Scopus IEEE
12	Biometric Personal Iris Recognition from an Image at Long Distance	Third International Conference on Trends in Electronics and Informatics(ICOEI 2019). ISBN:978-1-5386-9439-8 DOI:10.1109/ICOEI.2019.8862640	Scopus IEEE
13	Iris Recognition Using Visible Wavelength Light Source and Near-Infrared Light Source Image Database: A Short Survey	Third International Conference on Trends in Electronics and Informatics (ICOEI 2019) ISBN: 978-1-5386-9439-8 DOI:10.1109/ICOEI.2019.8862640 25April 2019.	Scopus IEEE
14	Overview of Iris Recognition with Ubiris.V2	Conference: ICIATE 18, At Mumbai, IOSR Journal of Engineering (IOSRJEN). ISSN (e): 2250-3021, ISSN (p): 2278-8719, Volume 12, PP 05-08, March 2018.	IOSR
15	Enhancement of password authentication system using graphical images	Information Processing International Conference on IEEE International Conference on Information Processing, ICIP 20152016 conference-paper DOI:10.1109/INFOP.2015.7489381EID: 2-s2.0-84979256290	IEEE Scopus
16	Finger cursor using gesture recognition	International Conference on Communication and Signal Processing, ICCSP 2016 conference-paper DOI:10.1109/ICCSP.2016.7754466EID: 2-s2.0-85006745098 IEEE Xplore: 24 November 2016	IEEE Scopus
17	Multimodel Biometrics system using IRIS Scanning and face Recognition Volume 14 No 3(2022),DOI:	“International Journal of Early Childhood Special Education. 10.9756/INT-JECSE/V14I3.217 (SCOPUS and WoS INDEXED)2022.	Scopus

18	An Examination of Recent Techniques for Iris and Retinal Identification in High as well as Low Resolution Pictures,	European Chemical Bulletin (ISSN 2063-5346) is a peer-reviewed journal doi:10.48047/ecb/2023.12.si4.1295, ISSN 2063-5346	SCOPUS
19	Web3 Chain Authentication and Authorization Security Standard	International Journal on Recent and Innovation Trends in Computing and Communication, Published: May 17 , 2023 ,ISSN: 2321-8169	SCOPUS
20	Applications of AI and IoT in Renewable Energy	Eur. Chem. Bull. 2023, 12(Special Issue 4), 14315-14327 doi:10.48047/ecb/2023.12.si4.1295 doi:10.48047/ecb/2023.12.si4.1295	SCOPUS
21	Identification of a Person Using a Different Database by Iris.	Eur. Chem. Bull. 2023, 12(Issue 8),4155-4166	SCOPUS
22	Computer Science Responses To Abuse Toward Women And Children.	Cognitive Computing & Engineering Education (ICCCEE) 2023 IEEE Conference No – 55951	IEEE Conference
23	A novel approach to iris recognition at a distance: leveraging the BW-CNN framework.	Express, Volume 6, Number 4Citation Swati Shirke et al 2024 Eng. Res. Express 6 045225	SCOPUS
24	Nas-Qdcnn: Neuron Attention Stage-By-Stage Quantum Dilated Convolutional Neural Network For Iris Recognition At A Distance	Biomedical Engineering: Applications, Basis and Communicationshttps://doi.org/10.4015/S1016237225500218	SCOPUS
25	Variance Adaptive Optimization for Deep Learning Applications	Deanship of Scientific Research Vol. 17 (1) , 113 https://doi.org/10.12785/ijcds/1571023677	SCOPUS
26	A blockchain-secured metaverse framework for scalable and immersive telemedicine	PUBMED PMID: 40695938,PMCID: PMC12284164,DOI: 10.1038/s41598-025-12068-6	SCOPUS
27	Effective face recognition with hybrid distance-key frame selection using TBO-ensemble model	International Journal of Wavelets, Multiresolution and Information Processing Vol. 22, No. 02, 2350044 (2024)	SCOPUS
28	Tri Bird Technique for Effective Face Recognition Using Deep Convolutional Neural Network	International e-Conference on Advances in Computer Engineering and Communication.	SCOPUS
29	Tri Bird Technique for Effective Face Recognition Using Deep Convolutional Neural Network	International e-Conference on Advances in Computer Engineering and Communication Systems Springer Nature	SCOPUS
30	Enhancement of IRIS recognition using Gabor over FFBPANN	2015 2nd International Conference on Computing for Sustainable Global Development(INDIACom)IEEE Xplore: 04 May 2015	IEEE

31	Iris Recognition	Emerging Trends in Computer Science and Information Technology	Google Scholar EBSCO
32	Iris Recognition Using Gabor	Int.J.Computer Technology & Applications"s 4 (1), 1-7 IJCTA Jan- Feb2013ISSN:2229-609	Google Scholar
33	Studying Into the Diagnostic and Therapeutic Applications of Machine Learning Algorithms in Medicine: Medicinal Applications Using Machine Learning	IGI Globle (BookChapter)	Scopus

