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Associate Professor,

Department Of Computer Engineering,

SSVPS's Bapusaheb Shivajirao Deore College of Engineering, Dhule.

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### Education:

Doctor Of Philosophy (Ph.D) in Computer Engineering

Shri J.J.T University, Jhunjhunu, Rajasthan, India 30 October 2013.

Bachelor Engineering (B.E.) in Computer Engineering.

SSVPS BSD College of Engineering, North Maharashtra University, June

2003, First Class with Distinction.

Teaching Experience: 22 Years

Lecturer

Computer Engineering Department

S.E.S. College of Engineering, Navalnagar, Dhule

SSVPS's B.S. Deore College of Engineering, Dhule (SSVPS)

Department: Computer Engineering

Period: August 2004 – June 2011

Assistant Professor

SSVPS's B.S. Deore College of Engineering, Dhule (SSVPS)

Department: Computer Engineering

Period: 01 June 2011 – 26 June 2016

Associate Professor

SSVPS's B.S. Deore College of Engineering, Dhule (SSVPS)

Department: Computer Engineering

Period: 27 June 2016 – Till Date

### **Approved Experience (17 Years)**

Approved as Lecturer by North Maharashtra University, Jalgaon

From: 22 August 2009

To: Till date

Approved as Associate Professor by North Maharashtra University, Jalgaon

Approval Date: 27 June 2017

Status: Continuing

### **RESEARCH WORK & PUBLICATIONS DETAILS**

PhD Research Guide of KBC North Maharashtra University, Jalgaon (Maharashtra State) from 14.10.2019.

#### **Research Areas:**

- Cloud Computing (CC)
- Machine Learning (ML)
- Internet Of Things (IOT)
- Network Security
- Biomedical Science

### **Researcher Profiles & Scholarly Identifiers**

Google Scholar Citation Index

<https://scholar.google.com/citations?user=Z4h9aicAAAAJ&hl=en>

Scopus Id:- 58560506500

<https://www.scopus.com/authid/detail.uri?authorId=58560506500>

Web of Science Researcher ID: KLE-1165-2024

<https://www.webofscience.com/wos/author/record/KLE-1165-2024>

Orcid\_Id:- 0009-0006-6930-5445

<https://orcid.org/0009-0006-6930-5445>

Vidwan Id:- 351674

<https://vidwan.inflibnet.ac.in/profile/351674>

Profile : <https://www.ssvpsengg.ac.in/computer-engineering-faculty-profile>

Facebook Page:-

<https://www.facebook.com/Dr-Shailesh-Deore>

## Awards:-

1. Dr. APJ Abdul Kalam Life Time Achievement National Award in the field of Teaching, Research & Publications from International Institutes for Social and Economic Reforms (R), Bangalore on 29th February 2020 at A.D.A Rangamandira, No. 109, JC Road, Opposite Ravindra Kalakshetra, Near Town Hall, Bangalore – 560 002.
2. Maharashtra Vidyaratnya Award (महाराष्ट्र विद्यारत्न) by Natural Human Rights Protection Council, Forum (नैसर्गिक मानवार्थिकार सुरक्षा परराषद फोरम ), Government of India Register and Licenced by Ministry of Corporate Affairs Year 2023.

## Patents:-

1. Indian Patent Application Number: 401681-001  
Title: SMART AGRICULTURAL DRONE FOR CROP HEALTH MONITORING  
Published /Grant Date: 08/12/2023 (Journal No is 04/2024)
- 2 Indian Patent Application Number: 405472-001  
Title: AI BASED TRAINING DEVICE FOR STUDENTS  
Published /Grant Date: 23/01/2024 (Journal No is 11/2024)
- 3 UK Patent Application Number: 6341711  
Title:- AI BASED MICRO GPS TRACKING CHIP  
Grant date:30 January 2024
- 4 UK Patent Application Number: 6341972  
Title:- INTELLIGENT DIGITAL ASSISTANT DEVICE  
Grant date: 31 January 2024
- 5 UK Patent Application Number: 6331576  
Title:- VEGETABLE AND FRUIT PURIFIER MACHINE  
Grant date: 15 February 2024
- 6 Indian Utility Patent Application Number: 202421097327  
Title: AI-Power Based Sentiment Analysis in I-OT Enabled Patient Emotion Monitoring System  
Published Date : 10/01/2025 (Journal No is 02/2025)
7. Indian Utility Patent Application Number: 202521005278  
Title: AI Powered Economic Modelling System for Predicting Market Trends and Resource Allocation. Published Date: 14/02/2025 (Journal No is 07/2025)
8. Indian Design Patent Application Number:- 431366-001,  
Title:- AI Based Cyber Security Detecting Device  
Issuing Authority: The Patent Office, Government of India  
Category: Class 14-02 , Date of Registration: 23/09/2024, Grant Date : 09/10/2025, Country: India

## Books/e-Books

### **1. Book**

AI and IoT: Transforming Modern Communication Networks

Title: Crossroads of Engineering: Multi-Disciplinary Solutions

Publisher: Swastik International Publication

Publication Date: Aug 2025

Amazon Standard Identification Number (ASIN) :

Publisher : Amazon & Flipkart

Language : English

Paperback : 240 pages

ISBN-13 : 978-93-49196-97-1

Registered Under:- MSME Udyam No:- 29-0002962

Site\_Link:- <https://swastikinternationalpublication.com/home/details/39>

### **2. Book Chapter: -**

Title: Crossroads of Engineering: Multi-Disciplinary Solutions

Publisher: Amazon

Publication Date: 4 January 2024

Amazon Standard Identification Number (ASIN) : B0CS9YYQR7

Publisher : Notion Press (4 January 2024) Language :

English

Paperback : 96 pages

ISBN-13 : 979-8892770361

<https://www.amazon.in/dp/B0CS9YYQR7>

## **Reviewer Experience / Academic Service**

- Reviewer, Academia Engineering (ISSN: 2994-7065), an international peer-reviewed Scopus Indexed Journal, Reviewed the manuscript titled "Design and Development of Information Assurance for the Internet of Things: An Implementation of Information Assurance Framework".  
(Review acknowledgement received from the Editorial Office, September 2025)
- Reviewer, Scientific Reports (Springer Nature ISSN: 2045-2322) – Web of Science & Scopus Indexed Journal, Reviewed the research manuscript titled "Authentication Mechanism Based on Distributed Blockchain for Secure and Energy Efficient Mobile Ad-Hoc Networks" twice during 2025.  
(Reviewer Certificates issued by Springer Nature on 21 May 2025, 13 August 2025, and 15, 30 September 2025).
- Reviewer, Transportmetrica B: Transport Dynamics (Taylor & Francis ISSN:2168-0574) – Web of Science & Scopus Indexed Journal. Review activity officially recorded and verified in Web of Science Researcher Profile (Clarivate) on 02 April 2025.

**Copyright:-**

- 1) Registration No. L-151141/2024, Diary No.15905/2024-CO/L, Grant Date:-16/07/2024 HYBRID FUSION NETWORK ALGORITHM FOR IDENTIFYING TRAFFIC, ROAD, LIGHT AND WEATHER CONDITION.
- 2) Registration No. L-152516/2024, Diary No.21169/2024-CO/L, Grant Date:-13/08/2024, OPTIMIZED EXTREME GRADIENT BOOSTING FOR CLASSIFYING MICROVASCULAR DISEASE IN TYPE-2 DIABETES USING WHITE SHARK ALGORITHM.
- 3) Registration No. L-153900/2024, Diary No. 23217/2024-CO/L, Grant Date:-19/09/2024, Advanced Preprocessing Algorithm for IOT Security Data Analysis in DDoS Attack Detection.
- 4) Request No. 132143, Diary No. 11509/2024-CO/L, Grant Date:-14/04/2024, WHITE SHARK ASSISTED EXTREME GRADIENT BOOSTED MODEL FOR CLASSIFICATION OF MICROVASCULAR DISEASES IN TYPE -2 DIABETES MELLITUS PATENTS.
- 5) Registration No. 1235432, Grant Date:-28 JUL 2025 , AICHAINCLOUD: A UNIFIED FRAMEWORK FOR INTELLIGENT BLOCKCHAIN AND CLOUD SOLUTIONS, Issuing Authority: Canadian Intellectual Property Office (CIPO) Under Innovation, Science and Economic Development Canada. Legal Basis: Issued under Sections 49 and 53 of the Canadian Copyright Act.

## **Ph.D. Research Students (as Research Guide)**

Ph.D. Student	Research Title / Domain	Achievements	Status	University
1. Dr.Tukaram k. Gawali	Recommended System for Spatio-Temporal Transportation	<p><b>1.</b> Papers Published in IEEE Explore</p> <p><b>2.</b> Papers Published in Scopus/ Elsevier/Web of Science Index Journal</p> <p><b>3.</b> Copyrights Registered</p>	Completed on 25 March 2025	Kavyitri Bahinabai Chaudhari North Maharashtra University, Jalgaon (MS)
2. Dr . Mayuri D. Kulkarni	Prediction of Microvascular Diseases in Diabetes Mellitus Using Machine Learning	<p><b>1.</b> Papers Published in IEEE Explore</p> <p><b>2.</b> Papers Published in Scopus/ Elsevier Index /Web of Science Journal</p> <p>Copyrights Registered</p>	Completed on 29 April 2025	Kavyitri Bahinabai Chaudhari North Maharashtra University, Jalgaon (MS)
3. Vinay T. Chaudhari	IOT and Machine Learning	<p><b>1.</b> Papers Published in IEEE Explore</p> <p><b>2.</b> Papers Published in Scopus/ Elsevier Index Journal</p> <p>Copyrights Registered</p>	Pursuing	Kavyitri Bahinabai Chaudhari North Maharashtra University, Jalgaon (MS)
4. Sonali D. Borase	Machine Learning	--	Pursuing	Kavyitri Bahinabai Chaudhari North Maharashtra University, Jalgaon (MS)

## **I Publications- InterNational Journal**

1. Arya, N., Deore, S. S., Sharma, M., et al.(2025)  
A Resourceful Energy Management and Improved Security in Wireless Sensor Networks by Optimized Energy-Based Security Prototype.  
SN Computer Science, Vol. 6, Article 231, 2025.  
<https://doi.org/10.1007/s42979-025-03730-x>
2. Kulkarni, M. D., Deore, S. S., Chen, C. L., Khalaf, O. I., Deng, Y. Y., Uddin, M., & Hamad, A. (2024).  
Predicting Microvascular Complications in Diabetic Mellitus Using Improved Enhanced Coati Optimizer.  
International Journal of Computing and Digital Systems, 16(1), 1485–1498.  
<http://dx.doi.org/10.12785/ijcds/1601110>
3. Sridhar, K., Kumar, B. A., Devi, S. A., Raju, V. P., Soni, A., Singh, P., & Deore, S. S. (2024).  
Enhancing Security in IoT Networks Through RDAD for Attack Detection in RPL-Enabled Environments.  
SN Computer Science, 5(7), Article 864.  
<https://link.springer.com/article/10.1007/s42979-024-03200-w>
4. Gawali, T. K., & Deore, S. S. (2024).  
Hybrid Golden Jackal Fusion-Based Recommendation System for Spatio-Temporal Transportation Traffic Congestion and Road Condition Classification.  
Multimedia Tools and Applications, pp. 1–34.  
<https://link.springer.com/article/10.1007/s11042-024-20133-x>
5. Jadhav, S. C., Gawali, T. K., & Deore, S. S. (2024).  
Review of Real-Time Transportation Models with Deep Convolution Networks for Traffic Analysis. In Proceedings of the International Conference on Applications of Engineering for Sustainable Development (ICAESD-2024), Amravati, India.  
Available at: <https://icaesd.gcoea.ac.in>
6. Gawali, T., & Deore, S. S. (2023).  
Dual-Discriminator Conditional Giza Pyramids Construction GAN-Based Traffic Density Recognition Using Road Vehicle Images.  
International Journal of Machine Learning and Cybernetics, ISSN: 1868-808X.  
<https://link.springer.com/article/10.1007/s13042-023-01952-0>
7. Kulkarni, M. D., & Deore, S. S. (2024).  
Detection of Microvascular Disease in Type-2 Diabetes Mellitus Patients Using White Shark Assisted Extreme Gradient Boosted Model.  
Biomedical Signal Processing and Control, Vol. 95 (Part A), Article 106326.  
<https://doi.org/10.1016/j.bspc.2024.106326>
8. Patil, V. T., & Deore, S. S. (2025).  
Deep Learning-Driven IoT Defence: Comparative Analysis of CNN and LSTM for DDoS Detection

and Mitigation.

Journal of Information Systems Engineering and Management, Vol. 10, No. 8s.

<https://doi.org/10.52783/jisem.v10i8s.951>

9. Gawali, T. K., & Deore, S. S. (2024).

Spatio-Temporal Transportation Images Classification Based on Light and Weather Conditions. International Journal of Intelligent Systems and Applications in Engineering, 12(13s), 150–154. <https://ijisae.org/index.php/IJISAE/article/view/4581>

10. Arora, G., Hirolikar, D. S., Deore, S. S., Bajaj, K. K., Gupta, P. K., Jaleel, U., & R. V. (2024).

A Novel Hybrid Cryptographic Approach for Secure Communication. International Journal of Intelligent Systems and Applications in Engineering, 12(8s), 271–280. <https://ijisae.org/index.php/IJISAE/article/view/4118>

11. Sarkar, P., Dwibedi, P., Deore, S. S., Gawali, T., Kulkarni, M. D., & Saha, A. (2024).

Portfolio Optimization in Dynamic Markets: Reinforcement Learning for Investment. International Journal of Intelligent Systems and Applications in Engineering, 12(13s), 386–395. <https://ijisae.org/index.php/IJISAE/article/view/4605>

12. Deore, S. S., Pawar, A. S., Divakaran, P., Maindargi, S. C., Paliwal, S., & Gaikwad, V. S. (2024).

Machine Learning-Powered Threat Detection: Mitigating Cybersecurity Challenges. International Journal of Intelligent Systems and Applications in Engineering, 12(13s), 373–385. <https://ijisae.org/index.php/IJISAE/article/view/4604>

13. Patil, R. M., Patil, R. V., Pagare, U. B., Navandar, R. K., Mapari, R., Bhowmik, M., & Deore, S. S.

(2024). Anomaly Detection in Network Security: Deep Learning for Early Identification. International Journal of Intelligent Systems and Applications in Engineering, 12(19s), 133–144. <https://ijisae.org/index.php/IJISAE/article/view/5053>

14. Gaikwad, V. S., Deore, S. S., Poddar, G. M., Patil, R. V., Hirolikar, D. S., Borawake, M. P., &

Swarnkar, S. K. (2024). Unveiling Market Dynamics through Machine Learning: Strategic Insights and Analysis. International Journal of Intelligent Systems and Applications in Engineering, 12(14s), 388–397.

<https://ijisae.org/index.php/IJISAE/article/view/4675>

15. Tarambale, M., Naik, K., Patil, R. M., Patil, R. V., Deore, S. S., & Bhowmik, M. (2024).

Detecting Fraudulent Patterns: Real-Time Identification Using Machine Learning. International Journal of Intelligent Systems and Applications in Engineering, 12(14s), 650–660. <https://ijisae.org/index.php/IJISAE/article/view/4742>

16. Patil, R. V., Sonawane, R., Poddar, G. M., Deore, S. S., Aggarwal, R., & Turai, V. (2024).

Automatic Marker Generation to Similarity-Based Region Merging Algorithm Using Edge Information.

Journal of Electrical Systems, 20(3s), April 2024.

<https://doi.org/10.52783/jes.1845>

17. Kaur, N., Singh, S., Deore, S. S., Vidhate, D. A., Haridas, D., Kosuri, G. V., & Kolhe, M. R. (2024).  
Robustness and Security in Deep Learning: Adversarial Attacks and Countermeasures.  
Journal of Electrical Systems, 20(3s), 1250–1257.  
<https://doi.org/10.52783/jes.1436>
18. Deore, S. S., Gawali, T., & Jadhav, S. C. (2024).  
Adaptive Noise Reduction and Edge Preservation Using Anisotropic Diffusion Kuwahara Filtering on Traffic Images. Journal of Electrical Systems, 20(10s), 2784–2805.  
<https://journal.esrgroups.org/jes/article/view/5672/4047>
19. Patil, V. T., & Deore, S. S. (2024).  
DDoS Attack Detection: Strategies, Techniques, and Future Directions.  
Journal of Electrical Systems, 20(9s), 2030–2046.  
<https://journal.esrgroups.org/jes/article/view/4808/3525>
20. Patil, V. T., & Deore, S. S. (2024).  
IoT-Guardian: Advanced Detection of DDoS Attacks in IoT Systems Using CNNs Journal of Electrical Systems, 20(10s), 3855–3864.  
<https://journal.esrgroups.org/jes/article/view/5943/4214>
21. Deore, S. S., & Patil, A. N. (2012).  
Systematic Review of Energy-Efficient Scheduling Techniques in Cloud Computing.  
International Journal of Computer Applications, 52(15), 10–14.  
DOI: 10.5120/8275-1877  
<https://ijcaonline.org/archives/volume52/number15/8275-1877/>
22. Deore, S. S., & Patil, A. N. (2012).  
Energy-Efficient Scheduling Scheme for Virtual Machines in Cloud Computing.  
International Journal of Computer Applications, 56(10), 19–25.  
<https://ijcaonline.org/archives/volume56/number10/8926-2999/>
23. Deore, S. S., & Patil, A. N. (2013).  
Energy-Efficient Job Scheduling and Allocation Scheme for Virtual Machines in Cloud Computing.  
International Journal of Applied Information Systems, 5(1), 56–60.  
<https://www.ijais.org/archives/volume5/number1/412-0842/>
24. Deore, S. S. (2016).  
Comparison of Energy-Efficient Scheduling Schemes for Private Cloud Environments.  
International Journal of Advanced Research in Computer and Communication Engineering, 5(3).  
DOI 10.17148/IJARCCE.2016.5380  
<https://www.ijarcce.com/upload/2016/march-16/IJARCCE%2080.pdf>
25. Deore, S. S. (2016).  
Joulemeter: Power Measurement for Virtual Machines in Private Cloud Environments.  
International Advanced Research Journal of Science, Engineering and Technology, 5(3).

26. Gawali, T., & Deore, S. S. (2023).  
Survey on Spatio-Temporal Transportation Using Deep Convolution Network for Traffic Flow.  
Journal of Data Acquisition and Processing, 38(2), 10–20.
27. Patil, V., & Deore, S. S. (2023).  
A Study of DDoS Attack Detection Methods.  
Journal of Data Acquisition and Processing, 38(3).
28. Deore, S. S., Patil, M. J., & Patil, P. (2010).  
Network Security Using EA Approach for EDS.  
International Journal of Emerging Technology and Applications in Engineering Technology and Science, ISSN: 0974-3588, pp. 91–94.

## **II Publications- International Level Paper Presentations**

1. Amit Lathigara, Pushpendra Singh Danghi, Shailesh Shivaji Deore, T. Vijetha, Swati, and Jangam Subbarayudu, "Intelligent Heart Disease Prediction System Using AI, IoMT, and Modified Particle Swarm Optimization," in Proc. IEEE WorldSUAS 2025 ( 2025 World Skills Conference on Universal Data Analytics and Sciences (WorldSUAS), 22-23 August 2025,  
DOI 10.1109/WorldSUAS66815.2025.11199114, Published IEEE date 17 Oct. 2025  
<https://ieeexplore.ieee.org/document/11199114>
2. Ms. Mayuri Diwakar Kulkarni1 and Dr. Shailesh Shivaji Deore, " Comparative Analysis on Filter Feature Selection Techniques for Predicting Diabetic Type 2 Microvascular Complication", 2024 Grenze International Journal of Engineering and Technology, Volume 10, Issue 2, Pages 5508-5513, Publisher, Grenze Scientific Society, 2024.  
DOI: 10.18231/j.grenze.2024.3392
3. T. K. Gawali and S. S. Deore, "Anisotropy Diffusion Kuwahara filtering and Dual- discriminator D2C Conditional Generative Adversarial Network Classification on Spatio- Temporal Transportation's Traffic images," 2024 2nd International Conference on Computer, Communication and Control (IC4), Indore, India, 2024, pp. 1-5,  
doi: 10.1109/IC457434.2024.10486326, Published in: IEEE Xplore Digital Library  
<https://ieeexplore.ieee.org/abstract/document/10486326>
4. Geetanjli Khambra, Y. Dubey, S. Goswami, P. K. Shukla, K. J. Kumar, and S. S. Deore, "Combining Principal Component Analysis and Template Matching for Effective EEG Signal Classification in Seizure Detection," in IEEE International Conference on Innovations in High Speed Communication and Signal Processing (IEEE IHCSP-2024), MANIT, Bhopal, India, Dec. 2024, Published in: IEEE Xplore Digital Library, Available: <https://ihcsp.in>. ISBN: 979-8-3503-6894-9.

<https://ieeexplore.ieee.org/document/10959978>

5. J. Koner, S. S. Deore, S. Roja, K. N. Sahastrabuddhe, P. Kalshetti and A. Rose, "Predictive Analysis for Sales Forecasting Using Machine Learning: Leveraging Data-Driven Insights for Enhanced Business Planning and Decision-Making," 2024 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems (ICSES), Chennai, India, 2024, pp. 1-5.

doi: 10.1109/ICSES63760.2024.10910656 , Published in: IEEE Xplore Digital Library.

Available: <https://icses2024.stjosephstechnology.ac.in/>

<https://ieeexplore.ieee.org/document/10910656>

6. S. C. Jadhav, T. K. Gawali, and S. S. Deore, "Review of Real Time Transportation Models with Deep Convolution Networks for Traffic Analysis," in Proceedings of the International Conference on Applications of Engineering for Sustainable Development (ICAESD 2024),

Amravati, India, Dec. 20–21, 2024. Published by: Indian Society of Technical Education (ISTE).

Available: <https://icaesd.gcoea.ac.in>

7. R. V. Patil, R. Aggarwal and S. Shivaji Deore, "Edge Segmentation based on Illumination Invariant Feature Detector Phase Congruency," 2024 5th International Conference on Mobile Computing and Sustainable Informatics (ICMCSI), Lalitpur, Nepal, 2024, pp. 91-96, doi: 10.1109/ICMCSI61536.2024.00020,

<https://ieeexplore.ieee.org/document/10493893>

8. Kulkarni, Mayuri Diwakar and Shahade, Makarand and Deore, Shailesh and Khandekar, Nilesh and Bhavsar, Ishwari and Garud, Jayesh and Ahirrao, Kunal, "Simulator for Swarm Feature Selection Algorithms for Classification Problem," 2024 IEEE International Conference on Interdisciplinary Approaches in Technology and Management for Social Innovation (IATMSI), Gwalior, India, 2024, pp. 1-6, doi: 10.1109/IATMSI60426.2024.10503253,

<https://ieeexplore.ieee.org/document/10503253>

9. Mayuri Kulkarni, Dr. Shailesh S. Deore," A review on Microvascular Diseases in Diabetic Patients Using MLA", in 2nd International Conference on Emerging Trends in Intelligent Computing (ICETIC'23) Organised by Department of Computer Engineering and Information Technology, SVKM's Institute of Technology, Dhule held on 16-17 June 2023.

10. Tukaram Gawali, Dr. Shailesh S. Deore," Survey on Spatio\_Temporal Transportation issues and study different Machine Learning Techniques based on filtering and classification of transportation images ", in 2nd International Conference on Emerging Trends in Intelligent

Computing (ICETIC'23) Organised by Department of Computer Engineering and Information Technology, SVKM's Institute of Technology, Dhule dated 16-17 June 2023.

11. Vinay T. Patil, Dr. Shailesh S. Deore, "Cyber Attacks in IOT Networks", National Level Technical Symposium (Vidyashram Techfista 2K23) Organised by Department Of Computer Engineering at P.S.G.V.P. Mandal's D.N.Patel College of Engineering Shahada, Maharashtra dated 27 April 2023.
12. Dr. Shailesh S. Deore, "Rights of Citizens in Basic Human Rights (BHR)", National Conference on Human Rights: Present Scenario and Challenges, Organized by NBPS Rukhaaminitai Arts and Commerce women's College, Amalner, Dist. Jalgaon dated 29th April 2023.
13. Deore S. S., S.U. Nyati, N.M.Kazi , " Detection of Terror Related Activities by using Data Mining" , In SPIT-IEEE Colloquim and International Conference organized by Sardar Patel Institute of Technology , Andheri(W) on 4<sup>th</sup> and 5<sup>th</sup> February ,2008.
14. Deore S. S. , Patil M.J., Patil Pankaj , " Network security using EA approach for EDS" , In Proceedings of InterNational conference on Science ,Engineering & Spirituality jointly with IEEE and Compueer Society Co-Sponsored by MIR labs (USA) & real Time System Lab, Okland University (USA) Organized by S.E.S. College of engineering NavalNagar, on April-1<sup>st</sup> & 2<sup>nd</sup> ,2010 .
15. Deore S. S. , " Camparison between EDS and IDS with base of Signature based algorithmic Approach" , In Proceedings of InterNational conference on Science ,Engineering & Spirituality jointly with IEEE and Computer Society Co-Sponsored by MIR labs (USA) & real Time System Lab, Okland University (USA), Organized by S.E.S. College of engineering Naval Nagar on April-1<sup>st</sup> & 2<sup>nd</sup> ,2010 .
16. Deore S.S., Patil D.S. , Pawar S.V. , "Prototype Development for Extrusion Detection system" , in Proceedings of Inter National conference on Sunrise Technology i-Cost 2011 Organized by Computer Engineering Department of S.S.V.P.S. B. S. Deore College of Engineering Dhule , on 13-15 , January 2011.
17. Shailesh S. Deore (2012), "A scheduling Schemes and Basics of Cloud Computing", Presented in International Conference on Emerging Trends in Computer Science and Information Technology ( ICETCSFT-12 ), from 9<sup>th</sup> April to 10<sup>th</sup> April 2012.

## II Publications- National Level Paper Presentations

1. National Conference on "Human Rights: Present Scenario and Challenges", organized by Rukhaminitai Arts & Commerce Women's College, Amalner, sponsored by NHRC Forum, on 29 April 2023. Presented research paper titled "Basic Human Rights (BHR)".

2. Deore S S , "Extrusion Detection by using Escalation Algorithm in Network Security" , In Proceedings of National conference on Futuristic computer application (NCFCA-2009) Organized by AISSMS IOIT, Pune December-22 ,23 & 24<sup>th</sup> 2009.
3. Deore S S , "Signature based Extrusion Detection systems by using EA approach" , In A National conference on Vidyashrams Techfiesta 2010 Organized by P.S.G.V.P. MANDALS D.N. Patel College of Engineering , Shahada on 7<sup>th</sup> March 2010 .
4. Deore S. S., Chavan A A , Bhadane N V (2009) , "Query of Humming: melodic matching techniques for MP3 songs" , In Proceedings of 2<sup>nd</sup> National conference on Computing, Communications, Electronica & Managements-09 (NCCCEM-09) Organized by KCE COEIT, Jalgaon on 20<sup>th</sup>-21<sup>st</sup> March 2011 .
5. Deore S.S., "Extrusion and Intrusion Detection system for Network Security Purpose" , in A National conference on Recent Trends in Computer Engineering , Communication , Information Technology and Management NCRT 2010 Organized by Computer Engineering Department of SSVPS's B. S. Deore College of Engineering Dhule on 19<sup>th</sup> and 20<sup>th</sup> February 2011.

### **Professional Courses Participation (Workshop, Seminar, Conference)**

#### **A. Recent Workshops / Faculty Development Programs**

1. Certificate of Completion on "Interactive Teaching Using Senses Interactive Technology", conducted by SENSES Electronics / SENSES Learning, on 25 December 2025.
2. Faculty Development / Training Program on "Python 3.4.3", organized at SSVPS's B. S. Deore College of Engineering, Dhule, with course material by EduPyramids, SINE, IIT Bombay; online examination conducted remotely by IIT Bombay; Score: 87%, Credits: 4, completed on 13 June 2025.
3. AICTE Recognized One Week Faculty Development Program (FDP) on "Data Science using Python", conducted by National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh, from 25 November 2024 to 29 November 2024.
4. One Day Faculty Orientation Program on "Integrating High-Performance Computing in Education and Research", organized by Karmaveer Bhaurao Patil College of Engineering, Satara, supported by CDAC Pune (National Supercomputing Mission), on 14 December 2024.
5. National Level Six Days Online FDP on "Enhancing Teaching–Learning Pedagogy using Hands-on ICT Tools", organized by SNJB's Late K. B. Jain College of Engineering, Chandwad, from 22 April 2024 to 27 April 2024.

6. AICTE-ISTE Approved One Week Short Term Training Program (STTP) on "Generative Artificial Intelligence", organized by Sipna College of Engineering & Technology, Amravati, from 30 October 2023 to 03 November 2023.
7. One Week Faculty Development Program on "Recent Trends in Machine Learning for Artificial Intelligence", organized by Sanmati Engineering College, Washim, from 15 July 2023 to 19 July 2023.
8. ISTE Approved One Week Online Faculty Development Program (FDP) on "Recent Trends in Artificial Intelligence, Machine Learning and Data Science", organized by SVKM's Institute of Technology, Dhule, from 26 December 2022 to 31 December 2022.

### **B. Early Career Workshops & Short-Term Training Programs**

1. Three-Day Workshop on "Management Development Program", SSVPS's B. S. Deore College of Engineering, Dhule, 30 Aug 2008 – 01 Sept 2008.
2. Seminar on "Emerging Technology", IIIT Pune, 20 Feb 2009.
3. One Week STTP on "Effective Teaching", SSVPS's B. S. Deore College of Engineering, Dhule, 23–27 June 2009.
4. Three-Day Workshop on "Faculty Development & Motivation", SSVPS's B. S. Deore College of Engineering, Dhule, 25–27 June 2009.
5. Three-Day Workshop on "Analysis and Design using UML with Rational Software Architect (DEV-396)", SSVPS's B. S. Deore College of Engineering, Dhule, 15–18 Nov 2010.

### **C. Conferences / Seminars Attended**

1. National Conference on "Recent Trends in Engineering Sciences", J. T. Mahajan COE, Faizpur, 04–05 Jan 2012.
2. International Conference on "Recent Trends in Engineering and Technology", K. B. Jain COE, Chandwad, 24–25 Mar 2012.
3. International Conference on "Emerging Trends in Computer Science & IT (NCETCT-2012)", JJT University, Rajasthan, 09–10 Apr 2012.
4. National Conference on "Recent Trends in Emerging Technology", R. C. Patel Institute of Technology, Shirpur, 21 Apr 2012.
5. Workshop on "Syllabus Framing of SE Computer & IT", RCPIT & NMU, 05 Mar 2013.
6. UGC Sponsored National Seminar on "Impact of Gandhian Thought on Indian Literature", NMU Jalgaon, 20 Feb 2014.
7. Workshop on "Syllabus Framing of SE Computer & IT", RCPIT & NMU, 10 Apr 2015.
8. Workshop on "On-Screen Evaluation", NMU Jalgaon, 10 Oct 2015.

#### **D. Professional Membership**

1. Lifetime Member, AMIEE Association (AI-ML Innovative Entrepreneurs and Engineers Association),  
Membership No.: AMI/25/01386, 2025.
2. Professional Member, International Association of Computer Science and Information Technology (IACSIT),  
Singapore – Member No.: 80342790, since September 2011.

#### **E. Additional Qualification**

1. Master of Business Administration (MBA) in Information Technology Management, Assam down town University, Distance Education Mode, June 2011 – September 2014.

### **Professional Work**

1. Institute-level Co-ordinator for the Annual Social Gathering "SPANDAN" (2K20, 2K22, 2K23, 2K24 & 2K25), SSVPS's B. S. Deore College of Engineering, Dhule, successfully leading planning, coordination, and execution of the flagship cultural event over the last seven years.
2. Institute-Level Convenor – Extra-Curricular Activities Committee (ECA), Appointed as Institute-Level Convenor, Extra-Curricular Activities (ECA) Committee, responsible for planning, coordinating, and managing institute-wide social, cultural, and co-curricular events since 2012, ensuring active student participation and successful execution of events.
3. Organizing Committee Member in National conference on Recent Trends in Computer Engineering, Communication , Information Technology and Management NCRT 2010 Organized by Computer Engineering Department of SSVPS B. S. Deore College of Engineering, Dhule (M S).
4. Organizing Committee Member in International conference on Sunrise Technoloi- COST 2011 Organized by Computer Engineering Department of SSVPS's B. S. Deore College of Engineering, Dhulia (M S).
5. Organizing Committee Member in InJoREST International Journal of Research in Engineering and Technology Vol: 1, 2 Issue:1 , 2 in SSVPS B.S. Deore College of Engineering , Dhulia (M S).
6. Extra-Curricular Activity committee Convener in SSVPS's B. S. Deore, COE, Dhule from last June 2011 Organizing different events Guest Lecturers, Workshops for all branches.
7. Professional membership for IACSIT International Association of Computer Science and Information Technology from 2012. Member No. 80342790, Reg. no. 53122865k.

8. Appointment as a Local Enquiry Committee (LIC) Member for North Maharashtra University, Jalgaon to inspection North Maharashtra Knowledge City, College Of Engineering, Jalgaon in June 2013.
9. A Chair Person- Examiner in National level presentation Workshop Vision Maharashtra 2047 (Water, Energy, Industries and Transport) Organized by Bharatratnya Dr. Mokshyagundum Vishveshvaraya Smuti Samiti, Dhule (M.S.), on 9 February 2014.
10. A Guest Lecture Delivered on "Computer Graphics- 2D And 3D Transformation" for Second Year Students Oraganised by Department of Information Technology Sandip Foundations Sandip Institutes Of Technology and Research, Nasik (M S).
11. Organizing Committee Coordinator in Printing (Banners, Posters, Certificates) in Spandan 2K15 and Technofest 2K15 at SSVPS B S Deore College of Engineering, Dhule.
12. Appointment as a Final Year Project Examiner of MBA in Technology 2<sup>nd</sup> year Course at SVKM's Narsee Monjee Institute of Management Studies Deemed-to-be-University Mukesh Patel School of Technology Management and Engineering, Shirpur Campus on 29 April 2015.
13. A Lab Verification Committee member at Department of Electronics Engineering SSVPS's B. S. Deore College of Engineering on 18 Jan. 2016.
14. Appointment as a Ph.D. Research lab recognition committee member in region North Maharashtra for different Engineering Colleges recognize with North Maharashtra region for AY 2022,23,24.
15. Appointment as a Subject Expert for appointment of approval committee member in region North Maharashtra for different Engineering Colleges recognize with North Maharashtra region for AY 2022,23,24.

**Personal Details:**

Date of birth: 25<sup>th</sup> June 1982, Marital Status: Married Caste: Hindu Kunbi (OBC)