

Profile of Ms. Pawar Aprupa Suresh

	<p>Name : Ms. Pawar Aprupa Suresh</p> <p>AICTE Id :</p> <p>Department : Department of Computer Science & Engineering (HE)</p> <p>Designation : Assistant Professor</p> <p>Highest Qualification : M Tech</p> <p>Date of Birth : 24/12/1990</p> <p>Email-id: (official) : aprupa.pawar@walchandsangli.ac.in</p> <p>Total Experience : 8 years</p> <p>Experience at this college : 8 years Feb 2019</p> <p>Date of Joining : .</p>
<p>About Faculty :</p>	<p>She has completed her Bachelor of Engineering in information Technology and Master of Technology in Computer Science & Engineering. She has been working in Walchand College of Engineering as Assistant Professor in Computer Science and Engineering Department from August 2017. She is an Apple certified trainer in "iOS app development using swift fundamentals" and is an HPC Master trainer approved by AICTE and CDAC. Currently she is pursuing PhD from Vellore Institute of Technology, bhopal.</p>
<p>Qualification :</p>	<p>Post Graduate Degree : M Tech, Computer Science and Engineering, Shivaji University Kolhapur</p>
<p>Areas of Specialization :</p>	<p>Computer Science Software Engineering</p>
<p>Personal Website :</p>	
<p>Research Identity :</p>	<p>Google Scholar ID : VN4De0YAAAAJ</p> <p>Orcid ID : 0009-0009-0824-6156</p> <p>Scopus ID : 56857287800</p> <p>Vidwan ID : 574429</p>
<p>Previous Experience :</p>	<p>1. Organization Name :- Walchand College Of Engineering, Designation :- Assistant Professor, Nature of Work :- , Work Tenure :- 04/08/2017 To 21/06/2026</p> <p>2. Organization Name :- Walchand College Of Engineering, Designation :- Assistant Professor, Nature of Work :- Teach Technical, Work Tenure :- 16/02/2019 To 06/07/2024</p>
<p>Publications :</p>	<p>Paper Published/Presented :</p> <ol style="list-style-type: none"> "GPGPU based Multi-hive ABC Algorithm for Constrained Global Optimization Problems", EAI, International Journals, PP. , VOL. 7, 2020 "Analysis of Algorithms for User Authentication using Keystroke Dynamics", IEEE, International Level, PP. , VOL. , 2020 "Deep Fake Detection using ResNext Convolutional Neural Network (CNN) combined with a Recurrent Neural Network (RNN)", IEEE Global Conference for Advancement in Technology GCAT, International Level, PP. , VOL. , 2024 "GPGPU based teaching learning based optimization and Artificial bee

	<p>colony algorithm for unconstrained optimization problems", IEEE, International Level, PP. , VOL. , 2015</p> <p>5. "Decentralised Freelancing using Ethereum Blockchain", IEEE, International Level, PP. , VOL. , 2020</p>
Courses Handled/List :	<ol style="list-style-type: none"> 1. Computer Network 2. High Performance Computing Lab 3. Soft Computer (OE) 4. Data Communication 5. Advanced Computer Architecture 6. iOS App development 7. High Performance Computing
Additional Responsibilities :	Department Examination Coordinator since 2023-24 Deputy Controller of Examination from 2020-2023
Expert Lecture Conducted :	<ol style="list-style-type: none"> 1. Delivered a session in One Day Faculty Orientation Program organised in Association with Walchand College of Engineering, Sangli Under the Aegis of National Supercomputing Mission Govt. of India titled On "Empowering Academia: Integrating High-Performance Computing in Education and Research" on 14th December 2024 , Organized By Rayat Shikshan Sanstha's, Karmaveer Bhaurao Patil College of Engineering, Satara-Maharashtra Department of Computer Science & Engineering., Organized By :- Rayat Shikshan Sanstha's, Karmaveer Bhaurao Patil College of Engineering, Satara-Maharashtra, Venue :- Offline, Role Of Employee :- Resource Person, Date :- 14/12/2024 To 14/12/2024 2. Delivered a session in One Day Faculty Orientation Program On "Empowering Academia: Integrating High-Performance Computing in Education and Research" on 12th March 2025 , Organized By Bharati Vidyapeeth College of Engineering, Pune and Walchand College of Engineering, Sangli Under the Aegis of National Supercomputing Mission Govt. of India in association with CDAC Pune, Organized By :- Bharati Vidyapeeth College of Engineering, Pune, Venue :- Bharati Vidyapeeth College of Engineering, Pune, Role Of Employee :- Expert, Date :- 12/03/2025 To 12/03/2025 3. Coordinator of Faculty Development Program (FDP) on "High Performance Computing & AI", held from March 17–22, 2025, Organized by, Marathwada Mitra Mandal's College of Engineering, Pune and Walchand College of Engineering, Sangli Under the aegis of National Supercomputing Mission, Government of India in association with CDAC, Pune., Organized By :- Marathwada Mitra Mandal's College of Engineering, Pune, Venue :- Online, Role Of Employee :- Co-Ordinator, Date :- 17/03/2025 To 22/03/2025 4. Resource Person for Faculty Development Program (FDP) on "High Performance Computing & AI", held from March 17–22, 2025, Organized by, Marathwada Mitra Mandal's College of Engineering, Pune and Walchand College of Engineering, Sangli Under the aegis of National Supercomputing Mission, Government of India in association with CDAC, Pune., Organized By :- Marathwada Mitra Mandal's College of Engineering, Pune, Venue :- Online, Role Of Employee :- Resource Person, Date :- 17/03/2025 To 22/03/2025 5. Resource person for One week Faculty Development Program on "High Performance Computing and AI", Organized By :- Yashwantrao Bhonsale Institute of Technology, Sawantwadi, Venue :- Yashwantrao Bhonsale Institute of Technology, Sawantwadi, Role Of Employee :- Expert, Date :- 26/05/2025 To 31/05/2025 6. Resource Person during the Faculty Development Program (FDP) on "High Performance Computing & AI", held from June 23–28, 2025, Organized by, Department of Computer Engineering, Vishwakarma Institute

of Technology, Pune and Walchand College of Engineering, Sangli Under the aegis of National Supercomputing Mission, Government of India in association with CDAC, Pune., Organized By :- Vishwakarma Institute of Technology, Pune and Walchand College of Engineering, Sangli, Venue :- Vishwakarma Institute of Technology, Pune, Role Of Employee :- Resource Person, Date :- 23/06/2025 To 28/06/2025

7. Co-coordinator of one week offline faculty development program on "High Performance Computing & AI", which was held from June 23-28, 2025, organised by Vishwakarma Institute of Technology, Pune in association with Walchand College of Engineering, Sangli (Nodal Center) supported by CDAC Pune, under the aegis of National Supercomputing Mission (NSM), Government of India., Organized By :- Vishwakarma Institute of Technology, Pune in association with Walchand College of Engineering, Sangli, Venue :- Vishwakarma Institute of Technology, Pune, Role Of Employee :- Co-Ordinator, Date :- 23/06/2025 To 28/06/2025

8. Coordinator of 10 Days residential Student Training Program on "High Performance Computing & AI", held from August 1–10, 2025, Organized by Walchand College of Engineering, Sangli Under the aegis of National Supercomputing Mission, Government of India in association with CDAC, Pune., Organized By :- Walchand College of Engineering, Sangli, Venue :- Walchand College of Engineering, Sangli, Role Of Employee :- Co-Ordinator, Date :- 01/08/2025 To 10/08/2025

9. Coordinator of Faculty Development Program (FDP) on "High Performance Computing & AI", held from August 18–23, 2025, Organized by, MET's Institute of Engineering, Bhujabal Knowledge City, Nashik and Walchand College of Engineering, Sangli Under the aegis of National Supercomputing Mission, Government of India in association with CDAC, Pune., Organized By :- MET's Institute of Engineering, Bhujabal Knowledge City, Nashik, Venue :- MET's Institute of Engineering, Bhujabal Knowledge City, Nashik, Role Of Employee :- Co-Ordinator, Date :- 18/08/2025 To 23/08/2025

10. Resource Person during the Faculty Development Program (FDP) on "High Performance Computing & AI", held from August 18–23, 2025, Organized by, MET's Institute of Engineering, Bhujabal Knowledge City, Nashik and Walchand College of Engineering, Sangli Under the aegis of National Supercomputing Mission, Government of India in association with CDAC, Pune., Organized By :- MET's Institute of Engineering, Bhujabal Knowledge City, Nashik, Venue :- MET's Institute of Engineering, Bhujabal Knowledge City, Nashik, Role Of Employee :- Resource Person, Date :- 18/08/2025 To 23/08/2025

11. one -week Faculty Development Programme on " Parallel Computing" organised by E&ICT Academy IIT Guwahati held from 08th to 12th September,2025 in association with Bapuji Institute of Engineering and Technolofy, Davangere, Organized By :- E&ICT Academy IIT Guwahati, Venue :- Online, Role Of Employee :- Resource Person, Date :- 08/09/2025 To 12/09/2025

12. Delivered two day sessions in one - week Faculty Development Programme on " Parallel Computing " organised by E&ICT Academy IIT Guwahati held from 08 th to 12 th September, 2025 in association with Bapuji Institute of Engineering and Technology, Davangere, Organized By :- E&ICT Academy IIT Guwahati, Venue :- Online, Role Of Employee :- Resource Person, Date :- 08/09/2025 To 12/09/2025

13. Coordinator of Faculty Development Program (FDP) on "High Performance Computing", held from September 15–19, 2025, Organized by, Visvesvaraya Technological University ,Belgaum and Walchand College of Engineering, Sangli Under the aegis of National Supercomputing Mission, Government of India in association with CDAC, Pune., Organized By :-

Visvesvaraya Technological University ,Belgaum and WCE, Venue :-
Visvesvaraya Technological University ,Belgaum, Role Of Employee :- Co-
Ordinator, Date :- 15/09/2025 To 19/09/2025

14. Resource Person for Faculty Development Program (FDP) on “High Performance Computing”, held from September 15–19, 2025, Organized by, Visvesvaraya Technological University ,Belgaum and Walchand College of Engineering, Sangli Under the aegis of National Supercomputing Mission, Government of India in association with CDAC, Pune., Organized By :- Visvesvaraya Technological University, Belgaum, Venue :- Visvesvaraya Technological University, Belgaum, Role Of Employee :- Resource Person, Date :- 15/09/2025 To 19/09/2025

15. Resource Person for Faculty Development Program (FDP) on “High Performance Computing”, held from November 17– 21, 2025, Organized by, SKN Sinhgad College of Engineering , Korti, Pandharpur and Walchand College of Engineering, Sangli Under the aegis of National Supercomputing Mission, Government of India in association with CDAC, Pune., Organized By :- SKN Sinhgad College of Engineering ,Korti, Pandharpur, Venue :- SKN Sinhgad College of Engineering ,Korti ,Pandharpur, Role Of Employee :- Resource Person, Date :- 17/11/2025 To 21/11/2025

16. Resource Person for Faculty Development Program (FDP) on “High Performance Computing & AI”, held from December 15–19, 2025, Organized by, Department of Computer Science & Engineering, Sahyadri College of Engineering & Management, Mangaluru and Walchand College of Engineering, Sangli Under the aegis of National Supercomputing Mission, Government of India in association with CDAC, Pune and Visvesvaraya Technological University, Belagavi., Organized By :- Sahyadri College of Engineering & Management, Mangaluru, Venue :- Sahyadri College of Engineering & Management, Mangaluru, Role Of Employee :- Resource Person, Date :- 15/12/2025 To 19/12/2025

17. Coordinator of Faculty Development Program (FDP) on “High Performance Computing & AI”, held from December 15–19, 2025, Organized by, Department of Computer Science & Engineering, Sahyadri College of Engineering & Management, Mangaluru and Walchand College of Engineering, Sangli Under the aegis of National Supercomputing Mission, Government of India in association with CDAC, Pune and Visvesvaraya Technological University, Belagavi., Organized By :- Sahyadri College of Engineering & Management, Mangaluru, Venue :- Sahyadri College of Engineering & Management, Mangaluru, Role Of Employee :- Co-Ordinator, Date :- 15/12/2025 To 19/12/2025

18. Coordinator of Faculty Development Program (FDP) on “High Performance Computing and AI ”, held from January 19–23, 2026, Organized by, Department of Computer Science and Engineering DKTE Society’s Textile & Engineering Institute, Ichalkaranji, Kolhapur and Walchand College of Engineering, Sangli Under the aegis of National Supercomputing Mission, Government of India in association with CDAC, Pune., Organized By :- DKTE Society’s Textile & Engineering Institute, Ichalkaranji, Kolhapur, Venue :- DKTE Society’s Textile & Engineering Institute, Ichalkaranji, Kolhapur, Role Of Employee :- Co-Ordinator, Date :- 19/01/2026 To 23/01/2026

19. Resource Person for Faculty Development Program (FDP) on “High Performance Computing and AI ”, held from January 19–23, 2026, Organized by, Department of Computer Science and Engineering DKTE Society’s Textile & Engineering Institute, Ichalkaranji, Kolhapur and Walchand College of Engineering, Sangli Under the aegis of National Supercomputing Mission, Government of India in association with CDAC, Pune., Organized By :- DKTE Society’s Textile & Engineering Institute, Ichalkaranji, Kolhapur, Venue :- DKTE Society’s Textile & Engineering

	Institute, Ichalkaranji, Kolhapur, Role Of Employee :- Resource Person, Date :- 19/01/2026 To 23/01/2026
Area of Expertise :	1. Subject :- Engineering And Technology, Expertise :- Computer Science Software Engineering
Other Information :	<p>Achievements :</p> <ol style="list-style-type: none"> 1. Successfully completed HPC Master Trainer Program jointly conducted by AICTE and CDAC. 2. Completed training and certification of Apple, for iOS App Development with Swift and certified as iOS App Development with Swift Apple Certified Trainer <p>Consultancies :</p> <ol style="list-style-type: none"> 1. Internship and value added course on "iOS app development" 2. Value added course," iOS app Development" 3. iOS application development