S.A.P.D. Jain Pathashala

Walchand Institute of Technology, Solapur

An Autonomous Institute

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Department of Electronics and Computer Engineering

Faculty Achievements: 2024-25

Sr. No.	Faculty Name	Notable Achievements and Awards
1	Dr. S.R. Gengaje	Member of Board of Studies for Electronics Engineering at PAH Solapur University, Solapur
2	Dr. S.R. Gengaje	Best Paper Award for paper entitled "Integrated Approach for Video Frame Dehazing and Living beings Detection for Fire Case Scenarios" in 3rd IEEE International Conference On Blockchain And Distributed Systems Security 2024
3	Dr. S.R. Gengaje	Elite Class Top 1% topper in NPTEL Online Certification Course - Introduction to Industry 4.0 and Industrial Internet of Things by IIT Kharagpur, 12 weeks July to October 2024
4	Dr. S.R. Gengaje	Granted Patent for "Object Detection in Advanced Driving Assistance System Using Novel Machine Learning Algorithms"
5	Dr. S.R. Gengaje	Granted Patent for "Malware Detection System and Method Thereof"
6	Dr. S.R. Gengaje	Granted Patent for "Hardware-In-The-Loop Based Generative Iot Sensor"
7	Dr. S.R. Gengaje & Mr. R. S. Khamitkar	Grant of Rs. 5,00,000/- is sanctioned for R & D Consultancy Project from Company Unify Dynamics LLP, USA
8	Dr. S.R. Gengaje	Delivered a lecture as a resource person on "AI in Healthcare " for Solapur Surgical Society on Feb 28 2025
9	Dr. Mrs. R.J. Shelke	Member of Board of Studies for Electronics Engineering at PAH Solapur University, Solapur
10	Mr. R. S. Khamitkar	Received 2nd Prize at University Level Aavishkar Competition and Participated at State Level Competition
11	Mrs. D.P. Wadkar	Faculty Mentor for winners of "Smart India Hackathon 2024, Hardware Edition" with Prize Money of 50,000/- Organized by KLE Technological University Hubballi.
12	Mrs. D.P. Wadkar	Faculty Mentor for First runner up of "Techathon 2.0 2025" with Prize Money of 1,00,000/- Organized by AISSMS Pune

Faculty Achievements: 2023-24

Sr. No.	Faculty Name	Notable Achievements and Awards
1	Dr. S.R. Gengaje	Member of Board of Studies for Electronics Engineering at PAH Solapur University, Solapur
2	Dr. S.R. Gengaje	Reviewed a manuscript entitled "VD-Net: An Edge Vision-Based Surveillance System for Violence Detection" for IEEE Access
3	Dr. S.R. Gengaje	Reviewed a manuscript entitled "A Novel Approach For Enhanced Face Recognition In Low Illumination Video Surveillance" for IEEE Access
4	Dr. S.R. Gengaje	Reviewed a manuscript entitled "BDDTPA: Blockchain-Driven Deep Traffic Pattern Analysis for Enhanced Security in Cognitive Radio Ad-hoc Networks" for IEEE Access
5	Dr. Mrs. R.J. Shelke	Member of Board of Studies for Electronics Engineering at PAH Solapur University, Solapur
6	Mrs. M.N. Shrigandhi	Received research funding of Rs. 90,000 from PAH Solapur University Solapur under "SEED Money for Researcher" for research title "Human Safety at Construction Site: An Image Processing Approach"

Faculty Achievements: 2022-23

Sr. No.	Faculty Name	Notable Achievements and Awards
1	Dr. S.R. Gengaje	Chairman, Board of Studies for Electronics Engineering at PAH Solapur University, Solapur
2	Dr. S.R. Gengaje	Member of Academic Council at PAH Solapur University, Solapur
3	Dr. S.R. Gengaje	Member of Board of Studies for Electronics and Telecommunication Engg at PAH Solapur University, Solapur
4	Dr. S.R. Gengaje	Reviewed a paper entitled "Novel Feature Selection Using Machine Learning Algorithm for Breast Cancer Screening of Thermography Images" for International Journal on Wireless Personal Communications in Jan 2023
5	Dr. S.R. Gengaje	Reviewed a research paper entitled "A Novel Method for Improving Baggage Classification using a Hyper Model of Fusion of DenseNet-161 and EfficientNet-B5" for IEEE Access Journal in May 2023
6	Dr. S.R. Gengaje	Reviewed a research paper entitled "BDDTPA: Blockchain-Driven Deep Traffic Pattern Analysis for Enhanced Security in Cognitive Radio Ad-hoc Networks" for IEEE Access Journal in June 2023
7	Dr. Mrs. R.J. Shelke	Member of Board of Studies for Electronics Engineering at PAH Solapur University, Solapur
8	Mr. A.S. Gundale	Received research funding of Rs. 1 Lakh from PAH Solapur University Solapur under "SEED Money for Researcher" for research title "Condition based maintenance of textile weaving loom"

Faculty Achievements: 2021-22

Sr. No.	Faculty Name	Notable Achievements and Awards
1	Dr. S.R. Gengaje	Associate Dean, Faculty of Science & Technology at PAH Solapur University, Solapur
2	Dr. S.R. Gengaje	Member, Board of Examination and Evaluation at PAH Solapur University, Solapur
3	Dr. S.R. Gengaje	Member, Senate at PAH Solapur University, Solapur
4	Dr. S.R. Gengaje	Resource person for AICTE Training & Learning (ATAL) Academy, Five days National Faculty Development Programme on "MACHINE LEARNING " from 8th November 2021 to 12th November 2021 at Bharati Vidyapeeth's College of Engineering for Women, Pune.
5	Dr. S.R. Gengaje	Expert and resource person for conduct of Workshop under AICTEs "Share and Mentor Institutions (Margdarshan) scheme" Three Days Online Workshop titled "Preparing for NBA Accreditation" at Bharati Vidyapeeth (Deemed to be University) College of Engineering, Pune (BVDUCOE, Pune) from 7th October to 9th October 2021
6	Dr. Mrs. R.J. Shelke	Member of Board of Studies for Electronics Engineering at PAH Solapur University, Solapur
7	Dr. Mrs. R.J. Shelke	Received a certificate of appreciation for participating as a member of "WIT Women Health Coalition" team for "AICTE Lilavati Award-2020". The team was announced as "Winner" in the sub-theme 'Women Health' under the overall theme "Women Empowerment".