S.A.P.D. Jain Pathashala
Walchand Institute of Technology, Solapur
An Autonomous Institute
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Electronics and Computer Engineering
Lab Details

Lab Name	Research / PG Laboratory
Lab Description	This lab promotes advanced learning and research in Electronics and Computer Engineering. It supports undergraduate, postgraduate students and researchers in solving real-world problems using technologies like embedded systems, IoT, VLSI, AI/ML, Cybersecurity, and high-performance computing. The lab fosters innovation, interdisciplinary research, and collaboration with industry and academia. It also provides facilities for Hackathon projects development.
Lab Equipment	Includes HPC systems, FPGA and microcontroller boards (e.g., Arduino, Raspberry Pi), IoT kits, robotics platforms, VLSI and PCB tools, simulation software (MATLAB, ANSYS, etc.), signal and spectrum analyzers, high-end oscilloscopes, renewable energy kits, and AI/ML toolkits (TensorFlow, PyTorch).
Lab Floor Area in square meters	66
Practical Engaged in Lab	Used for research projects by UG, PG and Ph. D. students
Name of Lab Incharge	Dr. Mrs. R. J. Shelke
Associated Faculty with the lab	Dr. Mrs. R. J. Shelke, Dr.S.R.Gengaje, Dr.A.S.Gundale
Name of Lab Assistant	Mrs. R.R. Pukale
Name/s of Menial Staff	Mr. H. P. Annadate

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