



JSPM University, Pune, India



offers

M. Tech. Robotics and Artificial Intelligence

in collaboration with

The Automotive Research Association of India (ARAI), Pune, India

Objective:

This programme aims to create a new generation of engineers who are prepared to meet the demands of the Automotive and its allied industries by applying a three pronged approach integrating Research, Education & Industrial Outreach.

About us:

JSPM University (JSPM), located at Wagholi, Pune is established as Jayawant Shikshan Prasarak Mandal (JSPM) in 1998 with the objective of creating centers of excellence for education in the field of Engineering, Medical, Pharmacy, Management and Computers. The management envisions that a social transformation can be brought about through the medium of dynamic education. Today JSPM is an agglomerate of more than 78 institutes spread across six campuses providing quality ranging from "Pre-school to Doctoral Research" for over 60000+ students in the metropolitan region of Pune.

The Automotive Research Association of India (ARAI) is well-known Automotive Research, Development, Testing & Certification Institute in the country. The skill development initiative of ARAI was started in 2004 through the department ARAI Academy with the aim of bridging the gap between industry and academia. It is located in the industry hub at Chakan, Pune. ARAI Academy is conducting Graduate, Post Graduate, PG Diploma & Ph.D programmes in collaboration with various universities in India. It is equipped with labs such as Engine, Automotive Engineering Systems, Automotive Electronics & Embedded system, EMI & EMC, Noise & Vibration, EV & EHV, AI-ML, etc. where students can gain hands-on experience. The students are exposed to the latest trends in automotive technologies which help them to meet the requirements of Automotive Industry.

Courses in the Programme:

Core Courses*:

- Knowledge Engineering and Expert System
- Fundamentals of Robotics
- Artificial Intelligence and Neural Networks
- Sensors and Actuators in Robotics
- Microcontrollers Architecture and Programming
- Intelligent Manufacturing

Specialized Courses*:

- Automotive Mechatronics
- Robot Kinematics and Dynamics
- Communication Protocols
- Machine Learning for Engineering Applications
- Autonomous Vehicle

*Under Scrutiny and awaiting approval.

Degree: The final degree is awarded by JSPM, Pune in association with ARAI, Pune

Eligibility Criteria:

- Passed B.E./B.Tech. or equivalent in respected/allied discipline with 50% marks (45% mark for reserved category) and GATE/ Preeminent Education & Research Association (PERA) CET.
- For Sponsored Candidates, min. 2 yrs of Experience in a registered firm/ company/ industry/ educational and/or research institute/ any Government Dept. or Govt. autonomous organization in the relevant field.

Total Number of Seats: 24 Nos.

Course Duration: 2 years

Tuition Fees : Rs. 65,000/- Per Year + Other fees

HOW TO APPLY

Admission details can be availed by visiting: <https://jspmuni.ac.in/admission-apply>



Contact Details:

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