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Admission to Executive Programs in Artificial Intelligence for Working Professionals

IIT Jodhpur invites applications for admission to the **Executive M.Tech. Artificial Intelligence program, Postgraduate Certificate on Introduction to Artificial Intelligence and Machine Learning (minimum 1 semester), and Postgraduate Diploma on Artificial Intelligence and Machine Learning for working professionals** for the Semester commencing in January 2023. AI has been emerging as a core technology with a significant impact on productivity. To cater to the immediate requirement of working manpower trained in emerging AI technologies, IIT Jodhpur offers an Executive M.Tech. Artificial Intelligence program for working professionals. The program has received an overwhelming response across the country. It is designed to allow professionals to pursue M.Tech. in executive mode as off-campus students and also periodically visit the institute for experiencing the IIT environment. The program is conducted by faculties at IIT Jodhpur as well as Industry experts.

From this academic year, we are also starting two new programs namely a **Postgraduate Certificate on Introduction to Artificial Intelligence and Machine Learning (minimum one semester), and Postgraduate Diploma on Artificial Intelligence and Machine Learning.**

Eligibility Criteria and Admission Process

Eligibility:

- **For Executive MTech in AI:** B.Tech. /B.E. (in any branch of Engineering), M. Sc. (any discipline), M.C.A., M. Statistics with at least 60% marks. At least 2 years of professional work experience with sufficient hands-on experience in computer programming.

Note: Note: Must have working experience after qualifying degree completion. The internship experience will not be counted. 2 years of experience should be completed by December 31, 2022.

- **For Certificate in AI and ML:** B.Tech. /B.E. (in any branch of Engineering), M. Sc. (any discipline), M.C.A., M. Statistics with at least 60% marks.
- **For Postgraduate Diploma in AI and ML:** B.Tech. /B.E. (in any branch of Engineering), M. Sc. (any discipline), M.C.A., M. Statistics with at least 60% marks.

Selection Procedure:

Candidates must fill out an online application at https://oa.iitj.ac.in/OA_PG_ADMISSION/. Selection will be based on programming and/or written test and/or interview and/or any other criteria deemed suitable by the admission committee. Prior research exposure and/or industry experience in areas related to AI will be considered a plus. The department reserves the right to set any cut-off criteria for shortlisting the candidates. Mere fulfillment of the eligibility criteria does not guarantee that the candidate will be shortlisted, as the shortlisting criteria are often stricter than the eligibility criteria.

- **Program Fee:**

Rs 7,500/- per credit registered in a semester. For example, if a student registers for 10 credits in a semester, the fee will be Rs 75,000/- for the semester. The total credit requirement is 62 for the executive MTech in AI program. For the certificate and the diploma, one has to complete a minimum of 8 and 18 credits respectively.

Features of the Program:

- **Class Schedule**
 - Classes will be conducted in the evening (e.g. from 5 PM to 8 PM) or on the weekends at a convenient time. A student can register for up to 12 credits in a semester. There will be two to three lectures every day, each of duration 50 to 90 minutes.
- **Stackable program**
 - From 2022, this program transcends to its stackable avatar - in line with the New Education Policy 2020 for working professionals.
 - The certificate and diploma can be obtained as an exit option from MTech AI.
 - The certificate and diploma can also be registered by the student individually. If the student fulfills the eligibility requirements for the program and the continuation CGPA requirements, he/she can stack up the credits to earn the next higher degree, finally leading to MTech AI as well.
- **Classes**
 - Program elective and open elective courses may be chosen from a wide variety of courses offered across the departments and schools.
 - Industry-oriented courses such as ML-Ops and DL-Ops.
 - Course management and discussions will be enabled via widely-used tools such as Google Classroom, Piazza, and Moodle.
 - Students can do their M. Tech. Projects on state-of-the-art research topics across departments.
 - Students may participate in projects funded by Government funding agencies and industries.
- **Online Instruction**
 - Lectures will be online and students will attend in a synchronous audio-visual mode. Students can interact and ask questions during the lectures. Recorded lectures and teaching materials will be made available online.
 - Course management and discussions will be enabled via widely-used tools such as Google Classroom, Piazza and/or Moodle.
 - Attendance will be taken in online mode.
- **Contact Weeks**
 - There will be mandatory two contact weeks in a semester. Students need to be present during the contact weeks and attend lectures and discussion sessions with instructors and participate in offline evaluations. Alternatively, these contact weeks can be organized in remote locations, subject to higher demand.
 - The first contact week will tentatively align with the 5th week of the semester. The second contact week will tentatively align with the last week of the semester. Institute may provide hostel accommodation during the contact weeks, subject to availability.
- **Assessment**

Grading will be based on continuous assessment components throughout the semester, projects, and examinations.
- **Credit Requirement**
 - Students need to earn 62 credits as per the course structure in order to qualify for the degree M.Tech. Artificial Intelligence. For the certificate program, students need to earn a minimum of 6 to 8 credits and 64 hours of contact hours, and for the diploma, they need to earn a minimum of 128 contact hours (around 16-18 credits)
 - The delivery of the program is primarily targeted at off-campus professionals keen to acquire knowledge and skills in the area of AI. However, a professional, with the necessary permission from their organization can choose to attend courses on campus.
- **Curriculum**

The curriculum and course contents are available at <https://cse.iitj.ac.in/Ex-MTech-AI.html>

Important Dates

Admission Timeline:

- October 18, 2022: Commencement of online application process.
- December 5, 2022: Last date for submitting online applications
- December 15, 2022: Announcement of results
- January 2023 (first week): Registration and commencement of classes.

Application Procedure

- Applicants are requested to use the following link to fill and submit the online application form:
https://oa.iitj.ac.in/OA_PG_ADMISSION/

This online link will remain active until November 30, 2022.

Application Processing Fee:

- Rs. 300 is to be paid online while submitting the application form.

Contact us

- In case of any query with respect to the online application form, candidates may contact the Office of Automation (oa_automation@iitj.ac.in). Other general queries may be directed to the office of the Department of Computer Science and Engineering at the following phone number: 0291-2801170/1252 or Email address: mtech_wp_ai@iitj.ac.in

Please visit the following link for the frequently asked questions:

https://cse.iitj.ac.in/index.php/postgraduate#b_exai