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Admission to Part-Time M.Tech. (Artificial Intelligence) Program for Working Professionals

IIT Jodhpur invites applications for admission to **Part-Time M.Tech. (Artificial Intelligence) program for working professionals** for the Semester commencing from February 2020. AI has been emerging as a core technology with a significant impact on productivity. Industry 4.0 presents new avenues that leverage the potential of AI in industrial automation. To cater to the immediate requirement of manpower trained in emerging AI technologies, IIT Jodhpur offers Part-Time M.Tech. (AI) program for professionals. The Program is designed to allow professionals to pursue M.Tech. in a part-time mode as off-campus students and also periodically visit the Institute for experiencing the IIT environment. The program will be conducted by faculty at IIT Jodhpur as well as Industry experts.

Eligibility Criteria and Admission Process

- **Eligibility**

B.Tech./B.E. (in any branch of Engineering)/MCA/MSc (Computer Science or Electronics) with at least 60% marks. At least 2 years of professional work experience with sufficient hands-on experience in computer programming.

- **Selection Procedure:**

Candidates must fill an online application at https://oa.iitj.ac.in/OA_PG_ADMISSION/. Selection will be based on 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. Shortlisting criteria is decided after receiving the applications, and is aimed at limiting the number of candidates considered for evaluation.

- **Program Fee:**

Rs 5,000/- per credit registered in a semester. For example, if a student registers for 9 credits in a semester, the fee will be Rs 45,000/- for the semester. Total credit requirement in 62.

Features of the Program:

- **Class Schedule**

- Classes will be conducted in the evening (e.g. from 5 PM to 7 PM) or on weekends at a convenient time. A student can register for 3 to 4 courses in a semester. There will be two to three lectures every evening, each of duration 50 minutes.
- There will be 14 weeks of instruction in a semester.

▪ **Online Instruction**

- Lectures will be webcast online and students will attend in a synchronous audio-visual mode. Students can raise questions during the lecture. Recorded lectures and teaching material will be made available after the sessions.
- Course management and offline discussions will be enabled via widely-used tools such as Google classroom, Piazza and Moodle.
- Attendance will be taken through online mode.

▪ **Contact Weeks**

- There will be mandatory two contact weeks in a semester. Students need to be present on campus during a contact week and attend lectures, discussion sessions with instructors and give a demonstration of assignments. Alternatively, these contact weeks can be organized in remote locations subject to higher demand.
- The first contact week will align with the 5th week of the semester. The second contact week will align with the last week of the semester. Institute may provide hostel accommodation during the contact week, subject to availability.

▪ **Assessment**

- Grading will be based on examinations, online quizzes, programming, and theoretical assignments. There will be three examinations conducted during the semester, which will have a weightage of maximum 60% in the final grading. The remaining 40% weightage will be given to the quizzes and assignments.
- There will be 3 exams: Minor Test 1, Minor Test 2 and Major Test. Minor Test 1 will be conducted at the end of First Contact Week. Minor Test 2 will be conducted in an online mode at the end of the 9th week of instruction. The Major Test will be conducted at the conclusion of the Second Contact Week.

▪ **Credit Requirement**

- Students need to earn 62 credits as per the course structure in order to qualify for the degree M.Tech. (Artificial Intelligence). The credits can be earned over a period of 3 to 4 years.
- The delivery of the program is primarily targeted for off-campus professionals who are keen to acquire additional knowledge and skills in the area of AI. However, a professional, with the necessary permissions from their organization can choose to attend courses on-campus.

▪ **Faculty**

- Courses will be offered by faculty of IIT Jodhpur and Industry experts.

● **Curriculum**

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

Important Dates

Admission Timeline:

- November 14, 2019: Date of opening of the site for submitting online applications
- January 18, 2020: Last date for submitting online applications
- January 22, 2020: Announcing the list of shortlisted candidates for selection test
- January 25, 2020: Written-test/interview
- January 28, 2020: Announcement of selected candidates

Tentative Academic calendar (Feb -May 2020*)

- February 3, 2020: Registration
- February 4, 2020: Orientation
- February 5, 2020: Commencement of classes
- March 1-5, 2020: First Contact Week (Minor Test 1)
- April 6-8, 2020: Minor Test 2
- May 10-15, 2020: Second Contact Week (Major Test)
- May 17, 2020: Declaration of grades

Application Procedure

Applicants are requested to use the following link to fill and submit the application form online:

https://oa.iitj.ac.in/OA_PG_ADMISSION

This online link will remain active until **January 18, 2020**.

Applicants are required to pay the processing fee of Rs. 300 online while submitting the application form.

Contact us:

In case of any query with respect to the online application, candidates may contact: Office of Academics (office_academics_pg@iitj.ac.in) and other general queries may be directed to the office of the Department of Computer Science and Engineering at the following phone number: 0291-2801281 or email address: office_cse@iitj.ac.in.