Admission to Executive M.Tech. in Intelligent VLSI Systems (IVS) for Working Professionals-July 2024 session

IIT Jodhpur invites applications for **Executive M.Tech. in Intelligent VLSI Systems (IVS)** for the semester commencing from July 2024. The program for Executive M.Tech. in Intelligent VLSI Systems (IVS) of IIT Jodhpur includes state-of-the-art analog and digital VLSI circuits and systems, mixed signal circuits, issues with system integration for performance considerations, covering wide aspects of embedded and computing systems, and emerging applications. The courses in this program provide enough flexibility to the working professionals and cover a wide aspect of fundamentals, design skills, hands on through synchronous/asynchronous/campus-immersion mode and current trends in the industry thereby leading the professionals to learn without a career break with classes conducted on weekends/weekdays evenings. The education delivery methodology combines online classroom and experiential learning. The total duration of the program is spread over 2 years (4 regular semesters and 2 summer semesters).

Eligibility Criteria and Admission Process

Eligibility

B.Tech./B.E. (ECE/EE/CSE/EI/MSc. Physics/MSc. Electronics or equivalent) with at least 60% marks. At least 2 years of professional work experience with sufficient hands-on experience.

Shortlisting Procedure

Candidates must fill the designated online application at the provided link. Prior research exposure and/or industry experience in areas related to VLSI 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.

Program Fee:

Particulars	A.Y. 2024-25 (Semester I)	A.Y. 2025-26 (Semester II)	A.Y. 2025-26 (Semester III)	A.Y. 2026-27 (SemesterIV)	Total
	Program Fee	Program Fee	Program Fee	Program Fee	
Amount (in INR)	INR 93,000	INR 93,000	INR 93,000	INR 93,000	INR 3,72,000/-

==**Note: Fees once paid will not be refunded, if the candidate fails to join the program.**==

Key Features of the Program:

Class Schedule

Classes will be conducted in the evening (e.g. from 5 PM to 7 PM IST) or on weekends at a convenient time. There will be two to three lectures/labs every evening, each of duration 50 to 80 minutes. Typical contact time for 1 credit: 14 lectures of 50 minutes each.

Online Instruction and Assessment

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. Grading will be based on examinations, online quizzes, theoretical assignments, etc. Institute policy will be followed for the examinations. **Continuous evaluation (in the form of 2 minor examinations) will be conducted ONLINE, however, the major examinations would be held OFFLINE.**

Terms and conditions for award of PG Degree

The minimum credit requirements are 62 as per PG regulations of the institute. For details, please refer to the distribution of different certificate programs into different semesters. Kindly refer to the Appendix provided at the end of this advertisement for the sample degree template.

Faculty

Instructors are IITJ faculty members and industry experts.

Salient features of the program

1. Candidates have the option of registering for specific certificates as per their interest and convenience. The certificates can be stacked for the award of M.Tech. degree subject to completing the 62 credit requirement in total.
2. Candidates completing a group of certificates but not willing to complete the M.Tech. course project can be awarded a diploma in Intelligent VLSI systems.
3. All executive degree programs require a mandatory in-person visit of a candidate for 10 days during the semester as per approved academic regulations.
4. Candidates willing to finish earlier would be given the option of accelerated campus immersion (involving registration for more than the usual credits in a semester).
5. For the Master's project, it is highly encouraged to include one supervisor from the candidate's organization thereby providing him/her an opportunity to work in detail on a problem statement/research area aligned with his/her work domain.

Contact Weeks
1. There will be mandatory 1 contact weeks in a semester for 10 days. Students need to be present during the contact weeks and attend lectures and discussion sessions with instructors, and participate in offline evaluations. Institute may provide hostel accommodation as per institute rules.
2. The major examinations will take place in a physical mode (offline mode), necessitating students' physical presence for participation in the exams.

Admission Timeline:

- June 4, 2024: Commencement of online application process.
- July 7, 2024: Last date for submitting online applications
- July 9, 2024: Announcement of the shortlisted candidates
- July 10, 2024: Announcement of results and confirmed list of students sent to the Office of CEP by the Program Directors
- July 11, 2024-July 12, 2024: Offer Letters to be sent by CEP Office, IIT Jodhpur
- Deadline for programme fee payment: 18th July, 2024
- IITJ Orientation: 19th July, 2024
- All registration process of students to be completed in IITJ ERP Portal: 22nd July,2024
- Commencement of academic activities at IITJ: 22nd July, 2024
- Class Commencement Date: 25th July, 2024

Application Fees

Applicants are required to pay the processing fee of Rs. 500 online while submitting the application form. The application fees are non-refundable.

Cancellation of Admission

The Institute reserves the right to cancel, at any stage, the admission of a candidate admitted to a programme and is later found that he/she is not entitled, being unqualified or ineligible in accordance with the Regulations in vogue, or suspension/termination of programme. In the case of cancellation/withdrawal of admission after registration from programme, refund of fee will not be permissible.

Contact us:

In case of any query with respect to the online application, candidates may contact the office of the Department of Electrical Engineering at the following phone number: 0291-2801352 or email address: office_ee@iitj.ac.in.

Link for application: https://erponline.iitj.ac.in/Admission/index?admiss_ch=61