भारतीय प्रौद्योगिकी संस्थान इंदौर
INDIAN INSTITUTE OF TECHNOLOGY INDORE

IITI/MTMS Advt./Admission-2022/2022-23   **March 22, 2022**

Admission to M.Tech. and M.S. (Research) Programs for the Academic Year 2022-23

IIT Indore invites applications from highly motivated and research-oriented applicants for admission to its M.Tech. and M.S. (Research) Programs in the following Departments, Center, and Specializations under following admission categories.

M.TECH. PROGRAMS:

S. No	Department/ Centre	Specializations	Minimum Educational Qualification (MEQ) for both Indian and International applicants	Qualifying Examination (QE)		Admission Category	
				Indian applicants	International applicants	Indian applicants	International applicants
1	Electrical Engineering	Communication & Signal Processing*	Four-year Bachelor's degree or five-year integrated degree with first division (as defined by the awarding Institute/University for Indian applicants and equivalent for international applicants) in Electrical/ Electronics and Communication/ Electronics and Instrumentation/ Telecommunication/ Computer Science and Engineering/ Information Technology	Valid GATE qualification in Electronics and Communication (EC) ONLY.	Valid score of GRE /TOEFL/ IELTS or equivalent, a statement of purpose, letters of recommendation, and an interview (in-person or over video conference).	1. TA: Teaching Assistantship (TA) category as Full-Time student. 2. SW: Sponsored by a reputed Industry or R&D Organization with minimum work	1. ISF: Self-Financing 2. ISW: Sponsored by Non-Government Organisation (i) Industry Sponsorship (ii) NGO (Non-Government Organization) Sponsorship 3. GSW: Sponsored by Government organisation
2		VLSI Design and Nanoelectronics*	Four-year Bachelor's degree or five-year integrated degree with first division (as defined by the awarding Institute/University for Indian applicants and equivalent for international applicants) in Electronics and Communication Engineering or Electronics Engineering or Electrical Engineering or Instrumentation and Control Engineering or Computer Science and Engineering	Valid GATE qualification or CSIR-JRF or equivalent fellowship in EC/EE/IN/CS.			

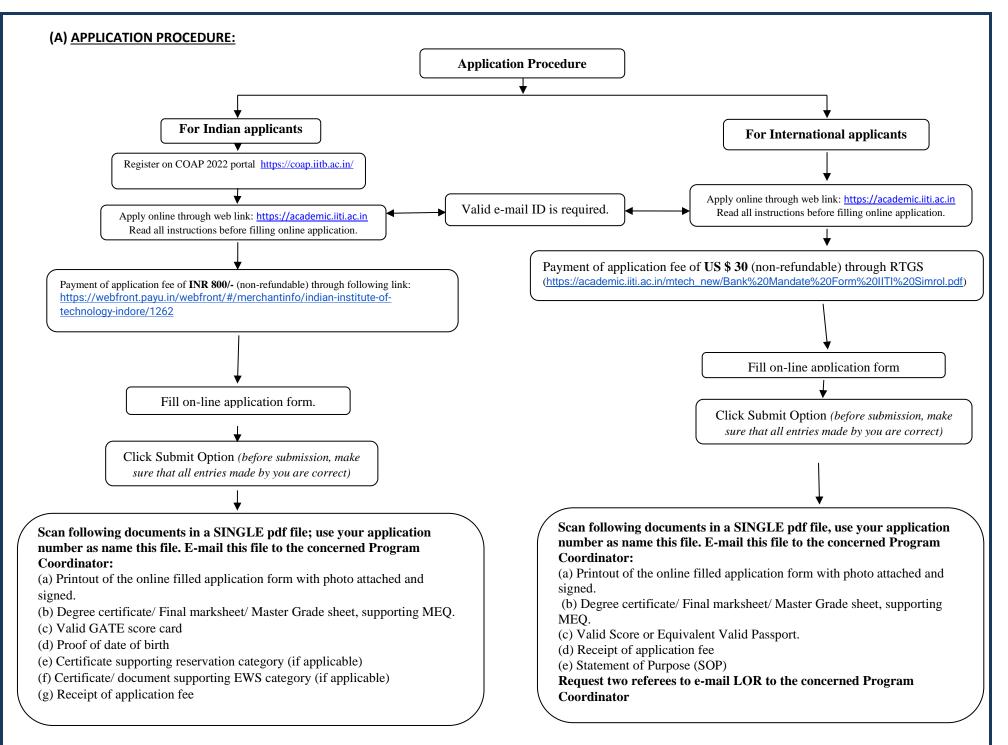| #	Department	Specialization	Educational Qualification				
3	Mechanical Engineering	Advanced Manufacturing (AM)	Four-year Bachelor's degree or five-year integrated degree with first division (as defined by the awarding Institute/University for Indian applicants and equivalent for international applicants) in Mechanical/ Production/ Industrial/ Manufacturing, Materials and Metallurgy/ Mechatronics/ Automobile Engineering	Valid GATE qualification either in Mechanical Engineering (ME)/ Production and Industrial (PI) Engineering		experience of two years 3. DF: Applicants from the Defence Forces. 4. IS: Regular staff members of IIT Indore on Part-Time basis.	(i) ICCR Scholarship of Government of India (ii) Foreign Government Sponsorship
4		Mechanical Systems Design	Four-year Bachelor's degree or five-year integrated degree with first division (as defined by the awarding Institute/University for Indian applicants and equivalent for international applicants) in Mechanical Engineering	Valid GATE Qualification in Mechanical Engineering (ME)			
5		Thermal Energy Systems	Four-year Bachelor's degree or five-year integrated degree (with first division as defined by the awarding Institute / University for Indian applicants and equivalent to international applicants, as assessed by the Institute) in Mechanical Engineering.	Valid GATE qualification in Mechanical Engineering (ME)			
6	Metallurgy Engineering and Materials Science	Materials Science and Engineering	Four-year bachelor's degree or five-years integrated degree (with the first division as defined by the awarding Institute/University for Indian applicants and equivalent for international applicants) in Materials Science/ Physics/ Chemistry/ Nanoscience/ Nanotechnology/ Engineering Science/ Engineering Physics/ Metallurgical Engineering /Chemical Engineering or two years master's degree in Chemistry/ Physics/ Materials Science/ Nanoscience/ Nanotechnology.	Valid GATE / CSIR-JRF qualification in relevant areas i.e. Physics/ Chemistry/ Engineering Science/ Metallurgical Engineering / Chemical Engineering / Physical Sciences / Chemical Sciences			
7		Metallurgy Engineering	Four-year Bachelor's degree or five-year integrated degree (with first division as defined by the awarding Institute/ University for Indian applicants and equivalent for international applicants) in either in Metallurgy/ Materials Science and Engineering/ Mechanical/ Manufacturing/ Production Engineering.	Valid GATE qualification in Metallurgical Engineering/ Mechanical Engineering/ Production and Industrial Engineering.			

8	Department of Astronomy, Astrophysics and Space Engineering (DAASE)	Space Engineering	Four-year Bachelor's degree or five-year integrated degree (with first division as defined by the awarding Institute/ University for Indian applicants and equivalent for international applicants) in Electronics and Communication/ Electronics/ Engineering Physics / Aerospace, or M.Sc. in Physics/ Electronics/ Atmospheric science.	Valid GATE qualification in Aerospace Engineering /Electronics and Communication Engineering / Physics/ Engineering Sciences (Engineering Mathematics + Fluid Mechanics /Material Science/ Thermodynamics/ Atmospheric and Oceanic Sciences)		
9	Centre for Electric Vehicles and Intelligent Transport Systems (CEVITS)	Electric Vehicle Technology	Four-year Bachelor's degree or five-year integrated degree (with first division as defined by the awarding Institute/ University for Indian applicants and equivalent for international applicants) in Mechanical/Electrical/ Electronics and Communication/Automobile/Instrumentation and Control / Electronics / Instrumentation/Production/Mechatronics Engineering.	Valid GATE qualification in Mechanical (ME)/Electrical (EE)/Electronics and Communication (EC)/Production and Industrial (PI) / Instrumentation (IN) Engineering/Engineering Sciences (XE; Engineering Mathematics with Fluid mechanics/Material Science/Solid mechanics /Thermodynamics)		

Selection for MTech (Communication & Signal Processing and VLSI Design and Nanoelectronics) program would be based on performance during personal interview of the shortlisted candidates.

M.S. (RESEARCH) PROGRAMS:

S. No.	Departments /School	Specializations	Minimum Educational Qualification (MEQ) for both Indian and International applicants	Qualifying Examination (QE)		Admission Category	
				Indian applicants	International applicants	Indian applicants	International applicants
1	Computer Science and Engineering	MS (Research) CSE**	Four-year Bachelor's degree or five-year integrated degree with first division (as defined by the awarding Institute/University for Indian applicants and equivalent for international applicants) in Computer Science and Engineering or Information Technology	Valid GATE qualification in Computer Science and Information Technology (CS)	Valid score of GRE/TOEFL/ IELTS or equivalent, a statement of purpose, letters of recommendation, and an interview (in-person or over video conference).	1. TA: Teaching Assistantship (TA) category as Full-Time student. 2. SW: Sponsored by a reputed Industry or R&D Organization with minimum work experience of two years 2. DF: Applicants from the Defence Forces. 3. IS: Regular staff members of IIT Indore on Part-Time basis.	1. ISF: Self-Financing 2. ISW: Sponsored by Non-Government Organisation (i) Industry Sponsorship (ii) NGO (Non-Government Organization) Sponsorship 3. GSW: Sponsored by Government organisation (i) ICCR Scholarship of Government of India (ii) Foreign Government Sponsorship
2	Electrical Engineering	MS (Research) EE**	Four-year Bachelor's degree or five-year integrated degree (with first division as defined by the awarding Institute/ University for Indian applicants and equivalent to international applicants, as assessed by the Institute) in Electrical Engineering or Electronics Engineering or Electronics and Communication Engineering or Electronics and Instrumentation Engineering.	Valid GATE qualification in Electrical Engineering (EE) or Electronics and Communication Engineering (EC) or Electronics and Instrumentation Engineering (IN)			
3	Mechanical Engineering	MS (Research) ME**	Four-year Bachelor's degree or Five-year integrated degree (with first division as defined by the awarding Institute/ University for Indian applicants and equivalent to international applicants, as assessed by the Institute) in Mechanical or Production or Manufacturing or Industrial or Mechatronics or Aerospace or Automobile or Robotics Engineering.	Valid GATE qualification in Mechanical Engineering (ME) or Production and Industrial Engineering (PI) or Aerospace Engineering (AE)			

4	Department of Astronomy, Astrophysics and Space Engineering	MS (Research) SSE Space Science and Engineering**	A four-year bachelor's degree (BE or BTech), or a two years or five years integrated master's degree (MSc or MTech or ME) with first class or first division (as decided by the awarding institute/university), in Physics, Applied Physics, Astronomy, Astrophysics, Space Science and Engineering, Earth and Atmospheric Science and Engineering, Remote Sensing, Engineering Physics, Aerospace Engineering, Aeronautics, Electronics and Communications Engineering, Electrical Engineering.	Valid GATE qualification in the relevant disciplines. Relevant GATE papers: AE, EC, EE, PH, XE			
5	School of Humanities and Social Sciences	MS (RESEARCH) HSS	Four-year degree or Masters' degree (MA/ MSc or Equivalent) or Five-year integrated degree (with first division as defined by the awarding Institute/ University for Indian applicants and equivalent to international applicants, as assessed by the Institute) in any subject.	Valid GATE Score in HSS.			

*** Selection for M.S. (Research) programs would be based on the personal interview of the shortlisted applicant*

(A) APPLICATION PROCEDURE:

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For Indian applicants

Register on COAP 2022 portal https://coap.iitb.ac.in/

Apply online through web link: https://academic.iiti.ac.in
Read all instructions before filling online application.

Valid e-mail ID is required.

For International applicants

Apply online through web link: https://academic.iiti.ac.in
Read all instructions before filling online application.

Payment of application fee of **INR 800/-** (non-refundable) through following link: https://webfront.payu.in/webfront/#/merchantinfo/indian-institute-of-technology-indore/1262

Payment of application fee of **US $ 30** (non-refundable) through RTGS (https://academic.iiti.ac.in/mtech_new/Bank%20Mandate%20Form%20IITI%20Simrol.pdf)

Fill on-line application form.

Fill on-line application form

Click Submit Option *(before submission, make sure that all entries made by you are correct)*

Click Submit Option *(before submission, make sure that all entries made by you are correct)*

Scan following documents in a SINGLE pdf file; use your application number as name this file. E-mail this file to the concerned Program Coordinator:
(a) Printout of the online filled application form with photo attached and signed.
(b) Degree certificate/ Final marksheet/ Master Grade sheet, supporting MEQ.
(c) Valid GATE score card
(d) Proof of date of birth
(e) Certificate supporting reservation category (if applicable)
(f) Certificate/ document supporting EWS category (if applicable)
(g) Receipt of application fee

Scan following documents in a SINGLE pdf file, use your application number as name this file. E-mail this file to the concerned Program Coordinator:
(a) Printout of the online filled application form with photo attached and signed.
 (b) Degree certificate/ Final marksheet/ Master Grade sheet, supporting MEQ.
(c) Valid Score or Equivalent Valid Passport.
(d) Receipt of application fee
(e) Statement of Purpose (SOP)
Request two referees to e-mail LOR to the concerned Program Coordinator

(B) INSTRUCTIONS FOR INDIAN APPLICANTS:

All GATE qualified applicants, who have submitted admission application should also register at Common Offer Acceptance Portal (COAP-2022) for making decision against admission offers (if any) on COAP 2022 website https://coap.iitb.ac.in/ as and when activated by the organizing IIT. All applicants are advised to keep visiting the Academic webpage of IIT Indore and COAP 2022 website for latest updates.

1. After successful completion of registration at COAP 2022, an applicant will be able to access information on his/her offers made (if any) from the participating Institutes during the time windows to be announced on the COAP 2022 portal.
2. The applicants will be short-listed according to their GATE score. IIT graduates having CPI equal to or more than 8.0 are exempted from GATE qualification. The shortlisting of such applicants will be done based on their CPI.
3. No separate call letter will be sent to the short-listed applicants for selection process.
4. Among the short-listed applicants, those who are selected through COAP 2022 will be offered in the respective PG program and in the respective category (as mentioned at the time of application) strictly in the order of merit.
5. After verification of all the relevant documents, submission of GATE score card and payment of the admission fee (will be announced separately), the admission will be given on the day of course registration to those applicants who accept the offer of admission.
6. **IIT Indore will not conduct any spot-round admission after completion of all the round of Seat Allotment through COAP 2022.**
7. In case an applicant wishes to apply in more than one program then separate application must be filled for each program and separate fee has to be paid for each application.

(C) INSTRUCTIONS FOR INTERNATIONAL APPLICANTS:

a. **Definition of International applicant:** Anyone who is not a citizen of India will be considered as an international applicant for the purpose of admission.
b. Applicants must apply ONLINE through our website (https://academic.iiti.ac.in). This will generate a unique application number for each applicant.
c. In case an applicant wishes to apply in more than one program then separate application must be filled for each program and separate fee must be paid for each application.
d. Selection shall be based on performance in the interview, which can be conducted through video conferencing also, for the shortlisted applicants.

e. **Fee Structure (for AY 2022-23):** Fee payable by the international applicants shall be as under:

Regions	Tuition fee per Semester (in US $)	Accommodation charges *(Excluding dining charges)* **(in US $)**
SAARC countries	1000	600
Non-SAARC countries	1000	600

Note: Fee Structure for international applicants may be revised time to time.

For detailed information international applicants should visit the academic web page of IIT Indore https://academic.iiti.ac.in/ and may visit the following websites: https://iao.iiti.ac.in/#/

(D) IMPORTANT DATES:

Activities	Dates for Indian and International applicants
Start of on-line application	March 22, 2022
Last date for on-line application	April 25, 2022
Last date for on-line application for non-TA category	May 10, 2022
Commencement of the programs	July 23, 2022

(E) CORRESPONDENCE DEATAILS:

Application with supporting documents for M. Tech. /M.S. (Research) Programs to be sent to the Office of the concerned Program Coordinator through e-mail (in single pdf file) as mentioned below:

M.Tech. Programs	Program Coordinators	Contact Details	Address
M.Tech. in Communication & Signal Processing (CSP)	Dr. Sumit Gautam Assistant Professor, Department of Electrical Engineering	pc-csp@iiti.ac.in Tele: +91-0731-660 3189	**Indian Institute of Technology Indore, Simrol, Khandwa Road, Indore.** **Pin Code 453 552, Madhya Pradesh, India**
M.Tech. in VLSI Design and Nanoelectronics (VDN)	Prof. Abhinav Kranti Professor, Department of Electrical Engineering	pc-vdn@iiti.ac.in Tel: +91-731-660 3264	
M.Tech. in Advanced Manufacturing (AM)	Dr. Girish Chandra Verma Assistant Professor, Department of Mechanical Engineering	pc-am@iiti.ac.in Tele: +91-0731-660 3208	
M.Tech. in Mechanical Systems Design (MSD)	Dr. Krishna Mohan Kumar Assistant Professor, Department of Mechanical Engineering	pc-msd@iiti.ac.in Tele: +91-0731-660 3359	
M.Tech. in Thermal Energy System	Dr. Harekrishna Yadav Assistant Professor, Department of Mechanical Engineering	pc-tes@iiti.ac.in Tele: +91-0731-660 3209	
M.Tech. in Material Science and Engineering (MSE)	Dr. Mrigendra Dubey Associate Professor, Department of Metallurgy Engineering and Materials Science	pc-mse@iiti.ac.in Tele: +91-0731-660 3258	
M.Tech. in Metallurgy Engineering (ME)	Dr. Sumanta Samal Assistant Professor, Department of Metallurgy Engineering and Materials Science	pc-me@iiti.ac.in Tele: +91-0731-660 3252	
M.Tech. in Electric Vehicle Technology (EVT)	Dr. Shailesh Kundalwal Associate Professor, Department of Mechanical Engineering	pc-evt@iiti.ac.in Tele: +91-0731-660 3284	
M.Tech. in Space Engineering (SE)	Dr. Saurabh Das Assistant Professor, Department of Astronomy, Astrophysics, and Space Engineering	pc-mtech-se@iiti.ac.in Tel: +91-731-660-3306	

M.S. (Research) Programs	Program Coordinators	Contact Details	Address
M.S. (Research) in Computer Science and Engineering	Dr. Puneet Gupta Assistant Professor, Department of Computer Science and Engineering	pc-mscse@iiti.ac.in Tele: +91-0731-660 3291	**Indian Institute of Technology Indore, Simrol, Khandwa Road, Indore.** **Pin Code 453 552, Madhya Pradesh, India**
M.S. (Research) in Electrical Engineering	Prof. Trapti Jain Professor, Department of Electrical Engineering	pc-msee@iiti.ac.in Tele: +91-0731-660 3267	
M.S. (Research) in Mechanical Engineering	Dr. Harekrishna Yadav Assistant Professor, Department of Mechanical Engineering	pc-msme@iiti.ac.in Tele: +91-0731-660 3209	
M.S. (Research) in Space Science and Engineering	Dr. Manoneeta Chakraborty Assistant Professor, Department of Astronomy, Astrophysics, and Space Engineering	pc-ms-sse@iiti.ac.in Tele: +91-731-660-3358	
M.S. (Research) in HSS	Dr. Akshaya Kumar Assistant Professor, School of Humanities and Social Sciences	pc-ms-hss@iiti.ac.in Tele: +91-731-660-3293	

(F) **GENERAL GUIDELINES:**
  - Applicants under admission categories of SW, DF and IS are exempted from the GATE qualification. Therefore, applicants under DF, SW and IS category need not register on COAP portal instead they must send their application directly to the concerned program coordinator after registering on IIT Indore portal.
  - Scholarship may be paid to the students admitted under Teaching Assistantship (TA) category as per the existing norms after successful completion of the assigned TA duties on monthly basis.
  - **No Scholarship is available for SW, DF, IS and International applicants.**
  - All the PG programs at IIT Indore have an option to convert into M.Tech. + Ph.D. or M.S. + Ph.D. dual degree program during the fourth semester of a PG program.
  - **Relaxation of 5% in minimum required percentage/ CPI/ CGPA in qualifying degree is applicable to SC, ST and PwD category applicants.**
  - Applicants under IS, DF and SW categories are required to send following documents in original, along with a copy of application form to the Office of Dean, Academic Affairs. However, copies of these documents should also be sent along with original application form as required by the respective Department.

1 Form for Sponsorship letter for applicants under IS, SW and DF category (Link: https://academic.iiti.ac.in/phdforms/Form%20for%20Sponsorship%20letter%20for%20applicants%20under%20IS,%20SW%20and%20%20DF%20category.pdf

2 Form for NOC for applicants under IS, SW and DF category (Link: https://academic.iiti.ac.in/phdforms/Form%20for%20NOC%20for%20applicants%20under%20IS,%20SW%20and%20DF%20category.pdf

3   Form for selecting a Co-Supervisor from an External or Sponsoring Organization (if required) (Link: https://academic.iiti.ac.in/phdforms/Form%20for%20selecting%20a%20Co-Supervisor%20from%20an%20External%20or%20Sponsoring%20Organization.pdf

4   Form for the employer for the applicants joining PG or Ph.D. program on study leave under SW and DF category (Link: https://academic.iiti.ac.in/phdforms/Form%20for%20the%20employer%20for%20the%20candidates%20joining%20PG%20or%20PhD%20program%20on%20study%20leave%20under%20%20SW%20and%20DF%20category.pdf

5   The selected candidates will be granted provisional admission which shall be confirmed only after ascertaining the authencity of certificates and testimonials submitted in support of MEQ, QE, category, income etc during physical verification at the Institute.

Only for applicants under IS, DF and SW categories: Kindly send above requisite documents (1-4) in original on following address.

Office of Dean, Academic Affairs
Abhinadan Bhavan, First Floor (East Wing)
Indian Institute of Technology Indore
Khandwa Road, Simrol, Indore-453 552,
Madhya Pradesh, India