INFORMATION BROCHURE
M. TECH. ADMISSION 2022
(2-Year M. Tech. Programmes)

Advt. No. IIITR/RG/2022/827
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भारतीय सूचना #ौ‌ड‌ो‌िगकी स5थान राँची

INDIAN INSTITUTE OF INFORMATION TECHNOLOGY, RANCHI

(An Institution of National importance under act of Parliament)

Ranchi - 834010, Jharkhand, India

www.iiitranchi.ac.in

1. ABOUT THE INSTITUTE

Indian Institute of Information Technology Ranchi is an autonomous institute setup by the MoE, Government of India, and Government of Jharkhand along with the industry partners TTL, TCS and CCL on a Public Private Partnership (PPP) in the year 2016.

MoE, Government of India has taken up the initiative to setup 20 new Indian Institutes of Information Technology (IIITs) on a Public Private Partnership Model. A major objective in establishing IIITs is to set up a model of education which can produce best-in-class human resources in IT and harnessing the multi-dimensional facets of information technology in various domains. While the number of students produced by these IIITs would be small, the impact they create would be great. IIIT, Ranchi is determined to offer state-of-the-art facilities for advanced studies and research.

1.1 LOCATION OF THE INSTITUTE

Presently, IIIT Ranchi is running from its 3 interim campus, Science & Technology Campus, Namkum Ranchi, JUPMI Ranchi Smart City Campus Dhurwa, Ranchi & BSNL ARTTC campus, Khelgaon, Ranchi. Construction work of permanent campus is in process at Kanke, Ranchi.

2. M. TECH. PROGRAMMES

The aim of the programmes is to train the students in high level of knowledge enabling them to tackle practical complex problems in electronics and computer science fields as well as to pursue further academic achievements through research. Enough flexibility is provided in the structure of M.Tech programme in respect of lecture courses, laboratory and project work to help the students to achieve the goal.

IIIT Ranchi offers M. Tech. admission in three different modes:

(1) Graduates with B.E/B.Tech degree (*GATE candidates*)

(2) Graduates with B.E/B.Tech degree (**Non-***GATE candidates*)

(3) Candidates sponsored by government organizations/reputed Industrial Organization/ Academic Institutions (*Sponsored candidates*).

The M. Tech Programmes offered by IIIT Ranchi and the names of the offering Departments are shown in Table 1.

TABLE-1: M.TECH. PROGRAMMES 2022-23

Sl. No	M. Tech. Programme	Program Code	Qualifying Degrees
1.	Data Science & Artificial Intelligence	CSE	B.E./B.Tech or equivalent in Computer Science and Engineering / Information Technology/ Software Engineering / Electronics and Communication / Telecommunication / Electronics and Instrumentation / Electronics / Electronics and Electrical/Electrical
2.	Embedded Systems and Internet of Things (IoT)	ECE	B.E./B.Tech or equivalent in Electronics Engineering / Electronics and Communication Engineering / Electronics and Telecommunication / Electronics and Instrumentation / Electronics and Electrical/Electrical

2.1 FINANCIAL ASSISTANCE

(a) The Financial assistance of Rs. 12,400/- per month will be offered to limited numbers of M.Tech. Students admitted under *GATE candidates* with B. Tech Degree as per Institute rules.

(b) *Sponsored* and *Non-GATE candidates* are NOT eligible for any financial assistantships.

2.2 PROGRAMME FEE

A candidate will be required to deposit the first semester fee at the time of admission through online portal of HDFC pay direct.

The existing structure of the semester wise fees is given below:

Semester	General / EWS/OBC/SC/ST
I	₹50,000/- (Tuition Fee) + ₹ 15,000/- (Institute Fee) + ₹ 20000/- (Caution Money one time)
II onwards	₹ 65,000/- (Tuition Fee + Institute Fee)

*The above fee is under revision and likely to increase.

Hostel fees and Mess fee will be charged semester-wise. Approx. hostel charges and Mess charges per semester (4 months) is given below:

Mess Fee	₹16000/- semester-wise
Hostel Fee	₹15000/- semester-wise

*The above fee is under revision and likely to increase.

At the time of Reporting in-person at IIIT Ranchi, the students are required to pay the Hostel and Mess Fee to the respective hostels.

3. ELIGIBILITY OF CANDIDATES

3.1 For GATE Candidates

(a) Candidates must possess a bachelor's degree in engineering / technology or equivalent from the institutes recognized by UGC/AICTE/Government. The qualifying degrees for the M. Tech. Programmes are mentioned in Table 2.

TABLE-2: QUALIFYING DEGREES, DISCIPLINES & GATE PAPER CODE.

Sl. No.	M. Tech Programme	GATE Paper code	Qualifying Degree
1	Data Science & Artificial Intelligence	**CS, EC, EE, IN**	B.E./B.Tech or equivalent in Computer Science and Engineering / Information Technology/ Software Engineering / Electronics and Communication / Telecommunication /Electronics and Instrumentation/ Electronics / Electronics and Electrical/Electrical
2	Embedded Systems and Internet of Things (IOT)	**EC, EE, IN**	B.E./B.Tech or equivalent in Electronics Engineering / Electronics and Communication Engineering / Electronics and Telecommunication / Electronics and Instrumentation / Electronics and Electrical/Electrical

(b) The candidate with equivalent degree and discipline recognized by professional bodies (like Institution of Engineers (India), Aeronautical Society of India, Institute of Electronics & Telecommunication Engineers etc.) are allowed to apply in different M. Tech programmes. Under such cases, candidates have to mention the name of the equivalent degree and discipline in the application form with the declaration that such program is specialized discipline of the requisite qualification mentioned in the information brochure. The candidate must produce the "certificate for degree equivalence" declaring that his/her degree is approved and equivalent to the requisite qualifying degree as mentioned in Table 2.

(c) Candidates must have valid GATE score (remains valid at the time of Admission) in the appropriate GATE Paper as per Table 2.

(d) Candidates seeking admission to M. Tech. Programmes of the Institute should have

- Minimum 60% or CGPA/CPI of 6.0 in 10 point scale (without rounding off) in the qualifying degree for UR/EWS/OBC candidates.

- Minimum 55% or CGPA/CPI of 5.5 in 10 point scale (without rounding off) in the qualifying degree for SC/ST/PC candidates.

(e) Shortlisting of candidates will be through GATE score; and written examination and/or interview conducted by the respective departments at IIIT Ranchi.

3.2 FOR NON-GATE CANDIDATES

(a) Candidates seeking admission to M. Tech. Programmes of the Institute without GATE score should have

- Minimum 60% or CGPA/CPI of 6.0 in 10 point scale (without rounding off) in the qualifying degree for UR/EWS/OBC candidates.

- Minimum 55% or CGPA/CPI of 5.5 in 10 point scale (without rounding off) in the qualifying degree for SC/ST/PC candidates.

(b) Shortlisting of candidates will be through a written examination and/or interview conducted by the respective departments at IIIT Ranchi.

3.3 FOR SPONSORED CANDIDATES

(a) A candidate working in an academic institution/PSU/Govt. R&D organizations / Govt. recognized private R&D organizations/industry, is considered as a sponsored candidate. Such candidate must be sponsored by his/her employer and must have been in employment with the sponsoring organization for at least 2 years at the time of admission.

(b) The applications of candidate sponsored by the organizations under a MoU between Institute and under QIP programme shall be eligible for admission.

(c) The employer must undertake to relieve the candidate to stay in the campus for the specified period to enable the candidate to complete the programme.

(d) The admission procedure consists of shortlisting through GATE/NET/Appropriate National Level Examination or written examination and/or interview conducted by the department at IIIT Ranchi.

4. SELECTION CRITERIA

4.1 FOR GATE CANDIDATES

The admission to different M. Tech. Programmes will be made on the basis of their GATE score and/or written-test / interview for GATE candidates. In case of equal GATE score, the older candidate in terms of date of birth will get preference.

4.2 FOR NON-GATE CANDIDATES

The admission to different M. Tech. Programmes for Sponsored and Non-Gate candidates will be made on the basis of performance in written test and/or interview.

5. IMPORTANT DATES:

Procedure	Date
Last date of submission of application form	~~July 15, 2022~~ 14th August, 2022
Display of list of shortlisted candidates	~~July 20, 2022~~ 18th August, 2022
Date of Written Test and/or Interview	20th August, 2022 (Tentative)
Announcement of results	22nd August, 2022 (Tentative)
Reporting at IIIT, Ranchi	Will be notified in the institute website
Commencement of Semester for all M.Tech. courses for the Session 2022–23	Will be notified in the institute website

Note: *A separate written test and/or interview will be conducted for admission in M. Tech for non-GATE students, which will be conducted by the respective Departments. Such admitted non-GATE students will not be eligible for scholarship.

6. RESERVATION OF SEATS

a) Reservation for SC/ST/OBC (Non-Creamy Layer)/EWS/PC candidates will be as per Government of India rules.

b) Form of OBC (Non-Creamy Layer) Certificate (given in Annexure I) must be produced by OBC (Non-Creamy Layer) candidates in the format for 'Admission to Central Educational Institutions (CEIS) under the Government of India' and **should be issued on or after September 01, 2021.**

c) Parental Income Certificate for EWS category (as per GoI) must be produced by candidate in the format for 'Admission to Central Educational Institutions (CEIS) under the Government of India' and **should be issued on or after April 01, 2022**

TABLE-3: SEAT DISTRIBUTION OF M. TECH. PROGRAMMES 2022-23

Sl. No.	Name of Programme (Programme code)	UR	SC	ST	OBC	EWS	Total
1.	Data Science & Artificial Intelligence	13	3	1	6	2	25
2.	Embedded Systems and Internet of Things (IoT)	13	3	1	6	2	25

NOTE: UR- Unreserved, **SC**- Scheduled Caste, **ST**- Scheduled Tribe, **OBC**- Other Backward Classes (Non-Creamy Layers), **EWS**-Economically Weaker Sections, **PC** – Physically Challenged.

7. MEDICAL FITNESS

(a) Candidates must be in good health. A candidate is required to submit a medical certificate (as per Annexure II) at the time of reporting at IIIT Ranchi signed by the chief medical officer (CMO) or equivalent of a government hospital.

(b) The candidate must check his/her eligibility criteria (wherever applicable) as given in table 2 about colour blindness.

(c) A candidate will be allowed to take admission only if the certificate produced by the candidate is verified to be satisfactory by IIIT Ranchi officials, whose decision in this regard will be final.

8. ADMISSION PROCEDURE

(a) Application form is required to be submitted, which will remain available on the IIIT Ranchi website _www.iiitranchi.ac.in_. The GATE candidates will also have to apply through the same process.

(b) Non-refundable application fee of each programme for candidates is **Rs. 1000/-** for UR/EWS/OBC candidates and **Rs. 500/-** for SC/ST/PC/Women candidates. The application fee is to be paid by Payment Portal for M.Tech. Admission 2022-23 through **HDFC pay direct link** : https://forms.eduqfix.com/iiitranchi/add

(c) The duly completed application form along with **self-attested copies of supporting documents/testimonials/certificates, payment receipt of fee etc.** are required to send by speed/registered post to the **Registrar, Indian Institute of Information Technology Ranchi, Science & Technology Campus, Sirkha Toli, Namkum, Ranchi-834010, Jharkhand, India.** The envelope containg the application be super scribed as "**M.Tech Admission (GATE/Non-GATE/Sponsored) in ECE/CSE Department.** Candidates can also apply for more than one programme.

(d) The application form with self-attested copies of supporting documents and payment receipt should be sent by speed/registered post on or before 19th August, 2022.

(e) List of applicants shortlisted for further participation in the selection process such as written-test and/or Interview will be displayed on the Institute website. No separate communication/intimation in this regard shall be made by the Institute. The date and time of written-test and/or Interview will be informed only through the Institute website.

(f) It is the responsibility of the candidate, to ensure that he/she satisfies all eligibility criteria for a particular programme, as mentioned in this information brochure.

(g) The M. Tech. admission will be through online/offline counselling based on the GATE score and/or written test and/or interview by the respective departments at IIIT Ranchi.

(h) The following documents need to be submitted along with M.Tech application form

   (i) Recent passport size photograph.

   (ii) 10th and 12th Marksheet and certificate

   (iii) Qualifying Degree Marks-Sheet of final semester / final year (7th semester / pre-final year marks-sheet for the 'appearing candidates' whose final semester / final year results are pending).

   (iv) Valid GATE score card as indicated in the application form (for GATE-candidates).

   (v) Caste certificate/EWS income certificate to avail seat reservation under respective reserved category. The OBC (NCL) certificate as per Annexure I and issued on or after April 01, 2022

   (vi) Physically Challenged (PC) persons are required to submit a certificate of disability from the authorized medical board attached to one of the following - Vocational Rehabilitation Centre (VRC) for Physically Handicapped persons/ Special Employment Exchange for Physically Handicapped/ Government Hospital (District and State level).

   (vii) Endorsement certificate from the present employer (for Sponsored candidates).

(i) The candidate need to Report in-person/online at IIIT Ranchi on the scheduled date, time and venue for appearing the written test and/or interview. If the candidate fails to report at the test/admission venue in-person/online along with the requisite documents in original by that date and time, he/she will not be considered afterwards for admission.

(j) In addition to original copy of above mentioned documents following documents must be produced by the selected candidates at the time of **reporting/joining** to IIIT Ranchi to complete his/her Admission:

   (i) Copy of Admission fee payment receipt.
   (ii) The Migration Certificate or College Leaving Certificate.
   (iii) Medical fitness certificate as per Annexure II.
   (iv) 4 passport size and 10 stamp size colour photographs.
   (v) Undertaking regarding not claiming scholarship for sponsored/Non-GATE candidate.
   (vi) Certificate for degree equivalence (if applicable).

(k) The documents of the candidates will be verified by IIIT Ranchi officials. Admission of only those candidates, whose documents are found in order and verified as satisfactory, will be confirmed.

(l) All other formalities related to identity card, hostel and bank account, etc. will be completed subsequently by the candidate.

(m) Mess fee for the first semester have to be paid at the time of Reporting to IIIT Ranchi. Caution money is refundable only after completion of the Programme.

9. WITHDRAWAL OF ADMISSION

After admission/provisional admission, a candidate may withdraw his/her admission. The refund will be processed as per the rules and regulations of IIIT Ranchi.

10. OTHER IMPORTANT POINTS

(a) In the event of any information being found false or incorrect or incomplete or non-eligibility being detected at any time before or after admission, his/her candidature is liable to rejection without further communication.

(b) An applicant once admitted in a particular postgraduate programme will not be allowed to shift to any other programme, even if seats remain available in other courses. However, if adequate number of students is not available in a particular programme, IIIT Ranchi may not run that Programme. In such case, a candidate who has taken admission in that Programme may be allowed to change his/her admission to other M. Tech. Programme (even if the candidate has not applied for that Programme), where vacant seat is available in the respective categories and matches the qualifications of the candidate with the eligibility condition of that Programme.

(c) Students are required to observe prescribed Rules & Regulations and orders issued by the IIIT Ranchi authorities from time to time.

(d) The rules for GATE scholarship are as follows:

   (i) The Assistantship will be awarded in the first instance on the basis of GATE score.
   (ii) The continuation of the Assistantship during each semester is contingent upon Academic performance.
   (iii) For the continuation of Scholarship, a minimum CGPA of 7.5 is required for each semester. All the students getting financial assistance are required to put a minimum of eight (8) hours per week during the period of assistantship. The duration of the assistantship is at most for 24 months or as per guidelines of MoE.

(iii) If a student whose scholarship was stopped for the second semester due to poor academic performance in the first semester; the scholarship will be resumed once overall CGPA/SGPA requirement is attained. The arrears for the stopped period will also be paid.

(iv) Maximum period of scholarship is four semesters for M.Tech (GATE candidates).

11. DISCLAIMER

This information has been launched to provide candidates and public-at-large, information about IIIT Ranchi M. Tech Admission. If you do not agree to the terms and conditions given below, do not access this site or any pages thereof.

COMMUNICATION WITH IIIT RANCHI

1. Any further query/communication through email should be addressed to admission@iiitranchi.ac.in with full identification of the candidate, i.e., name, email, mobile, Programme name(s), category, GATE/Non-GATE/Sponsored and other identifying information given by IIIT, Ranchi (such as registration number, etc.). *Before asking a query a candidate must go through this Information Brochure / instructions in the Institute website properly.*

2. IIIT Ranchi will not issue any letter by post to any candidate regarding any admission related activity. The candidate must visit the institute website (*www.iiitranchi.ac.in*) regularly in this regard for any update / instruction / result /announcement.

**FORM OF CERTIFICATE TO BE PRODUCED BY OBC (NON-CREAMY LAYER) APPLYING FOR
ADMISSION TO CENTRAL EDUCATIONAL INSTITUTIONS (CEIs),UNDER GOVERNMENT OF INDIA**

This is to certify that Shri/Smt./Kum._____Son/Daughter of

Shri/Smt._____of Village/Town_____District/Division

_____in the_____State belongs to the _____
Community which is recognized as a backward class under:

   (i)   Resolution No. 12011/68/93-BCC(C) dated 10/09/93 published in the Gazette of India
         Extraordinary Part I Section I No. 186 dated 13/09/93.
   (ii) Resolution No. 12011/9/94-BCC dated 19/10/94 published in the Gazette of India Extraordinary
         Part I Section I No. 163 dated 20/10/94.
   (iii) Resolution No. 12011/7/95-BCC dated 24/05/95 published in the Gazette of India Extraordinary
         Part I Section I No. 88 dated 25/05/95.
   (iv) Resolution No. 12011/96/94-BCC dated 9/03/96.
   (v)   Resolution No. 12011/44/96-BCC dated 6/12/96 published in the Gazette of India Extraordinary
         Part I Section I No. 210 dated 11/12/96.
   (vi) Resolution No. 12011/13/97-BCC dated 03/12/97.
   (vii) Resolution No. 12011/99/94-BCC dated 11/12/97.
   (viii)Resolution No. 12011/68/98-BCC dated 27/10/99.
   (ix) Resolution No. 12011/88/98-BCC dated 6/12/99 published in the Gazette of India Extraordinary
         Part I Section I No. 270 dated 06/12/99.
   (x)   Resolution No. 12011/36/99-BCC dated 04/04/2000 published in the Gazette of India Extraordinary
         Part I Section I No. 71 dated 04/04/2000.
   (xi) Resolution No. 12011/44/99-BCC dated 21/09/2000 published in the Gazette of India Extraordinary
         Part I Section I No. 210 dated 21/09/2000.
   (xii) Resolution No. 12015/9/2000-BCC dated06/09/2001.
   (xiii) Resolution No. 12011/1/2001-BCC dated19/06/2003.
   (xiv) Resolution No. 12011/4/2002-BCC dated13/01/2004.
   (xv) Resolution No. 12011/9/2004-BCC dated 16/01/2006 published in the Gazette of India Extraordinary Part
         I Section I No. 210 dated 16/01/2006.
N.B. Strikeout whichever resolutions (i-xv) is/are not applicable.

Shri/Smt./Kum._____and/or   his family

ordinarily reside(s) in the _____District/Division of

_____State. This is also to certify that he/she **does not belong to the
persons/sections (Creamy Layer)** mentioned in Column 3 of the Schedule to the Government of India,
Department of Personnel & Training O.M. No. 36012/22/93-Estt.(SCT) dated 08/09/93 which is modified vide
OM No. 36033/3/2004 Estt.(Res.) dated 09/03/2004 and further modified vide OM No. 36033/3/2004-Estt. (Res.)
dated 14/10/2008 and OM36033/1/2013-Estt. (Res.) dated 27/05/2013 or the latest notification of the Government
of India.
Dated:

<div align="center">District Magistrate/Deputy Commissioner/Competent
Authority (Seal)</div>

*Please delete the word(s) which are not applicable.
NOTE:
a)   The term 'Ordinarily' used here will have the same meaning as in Section 20 of the Representation of
     the People Act, 1950.
b)   The authorities competent to issue Caste Certificates are indicated below:
   -   DistrictMagistrate/AdditionalMagistrate/Collector/DeputyCommissioner/AdditionalDeputy
       Commissioner/ Deputy Collector/Ist Class Stipendiary Magistrate/Sub-Divisionalmagistrate/Taluka
       Magistrate/Executive Magistrate / Extra Assistant Commissioner (not below the rank of Ist Class
       Stipendiary Magistrate).
   -   Chief Presidency Magistrate/Additional Chief Presidency Magistrate/Presidency Magistrate.
   -   Revenue Officer not below the rank of Tehsildar' and
   -   Sub-Divisional Officer of the area where the candidate and/ or his family resides.

MEDICAL FITNESS CERTIFICATE OF APPLICANT
for M.Tech. Admission 2022

(To be provided by a Chief Medical Officer (CMO) or Equivalent of a Government Hospital)

I, Dr...after examining (with necessary investigations)

Mr./Ms…………………………………………….Son/Daughter of Mr./Mrs……..……..………..…..………..

born on .... , certify that he/she has fairly sound constitution, and that he/she has no disease or physical or mental infirmity unfitting him/her now, or likely to unfit him/her in future, for active outdoor work as practical Engineer/Technologist which involves considerable fatigue and exposure.
The following are the results of tests, measurements, etc.:-

1. Mark of identification   :

2. Weight   :

3. Height (in cm)   :

4. Blood Pressure   :

5. Pulse rate (beats/min)   :

6. Blood Group   :

7. Abuse of substances (if any)   : Smoking / Alcohol / Drugs / Any other

8. Chest measurements   : Contracted:.............cm   Expanded..........cm

9. Vision: Right Eye: Near: Distant:
         Left Eye: Near: Distant:

10. Colour Blindness, congenital or other disease of eye (if any):

11. Hearing: Right ear: GOOD / FAIR / POOR
              Left ear: GOOD / FAIR / POOR

12. X-ray PA view of chest with proper identification mark : Satisfactory / Not satisfactory If not satisfactory, then specify why:

13. If any other abnormality noticed:

14. Remarks / Special Recommendations, if any:

Conclusion: Certified that the above mentioned student is free of any communicable disease and fit to stay in hostels provided by IIIT Ranchi and attend classes with co-students.

Date   :
Place   :

                                                   (**Signature and Seal**)

Declaration by the candidate: I declare that all the statements above are true and correct to the best of my knowledge. I fully understand that I am responsible for the accuracy of all statements given.

Candidate's Signature with date: