

# INFORMATION BROCHURE

## M. TECH. ADMISSION 2016-17 (2-Year M.Tech. Programmes)



## INDIAN SCHOOL OF MINES

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[www.ismdhanbad.ac.in](http://www.ismdhanbad.ac.in)

## 1. ABOUT ISM

Indian School of Mines (ISM) was established in 1926 on the pattern of Royal School of Mines, London, and got the status of Deemed University under the UGC Act in 1967. The School is directly under the financial and administrative control of Ministry Human Resource Development (MHRD), Government of India since 1996. It is located in Dhanbad, the heart of major Indian coalfields, in the state of Jharkhand. It offers B. Tech., Dual-degree, Integrated M. Tech., M.Sc./M.Sc. Tech, M.Tech. (2-Year and 3-Year), M.Phil., MBA and Ph.D. in various areas of Science – Physics, Chemistry, Mathematics, Applied Geology and Applied Geophysics; Engineering – Chemical, Civil, Computer Science and Engineering, Electrical, Electronics, Environmental Science and Engineering, Fuel and Mineral, Mechanical, Mining, Mining Machinery, Petroleum; Humanities and Management. It has been focusing its academic and research activities on various aspects of industry. ISM has maintained its all India character drawing faculty and students from all over India. It occupies a unique position, not only in India but also in Asia Pacific, and has contributed to the development of engineering and mineral sector substantially.

ISM offers state-of-the-art facilities for advanced studies and research. These facilities include:

- Modern Lecture Hall Complexes
- Library with over 1,20,000 books & journals
- A computer centre equipped with internet facility. In addition, each Department has its own computer laboratories with internet facility
- Executive Development Centre for conducting training programme for officers and executives of public and private sectors
- Separate hostels within the campus for boys and girls with internet facility in hostels
- Separate Students' Activity Centre with latest recreational facilities, gymnasium, swimming pool etc.
- Health Centre, Canteen, Sports facilities, gyms, etc.

### 1.1 Location of The Institute

ISM is located in the city of Dhanbad, the Coal Capital of India. One can reach Dhanbad by rail and road. It is 260 kms from Kolkata and about 180 kms from Jamshedpur. Trains are available from all parts of the country to reach via Kolkata, Delhi and Bombay. Ranchi and Kolkata are the nearest cities connected by air. Deluxe and Express buses ply from Kolkata, Ranchi, Jamshedpur and Bokaro. ISM campus is just 3 km from the Dhanbad railway station where taxis and autos ply round the clock. It should be noted that people arriving by train should exit from the main gate located near platform No.1 to avail the taxis / autos.

## 2. 2-YEAR M.TECH PROGRAMMES

The aim of the programme is to train the students in high level of knowledge enabling them to tackle practical complex problems in industrial fields as well as to pursue further academic achievements through research. Enough flexibility is provided in the structure of the programme in respect of lecture courses, laboratory and project work to help the students to achieve the goal. All the departments are equipped with sufficient facilities for this purpose.



Apart from 2-Year M. Tech. Programmes ISM runs 3-Year M. Tech. Programmes in various disciplines encouraging working executives / academicians who cannot complete their M. Tech. as full time regular students. These programmes are run at ISM Institute Industry Interaction Facility (IIIF) in Kolkata. Details of the course structures and admission procedure can be obtained in the corresponding information brochure for 3-Year M. Tech. Programmes available in the ISM website.

To simplify reading this information brochure for 2-Year M. Tech. Programmes the term “**M. Tech.**” is used to mean “**2-Year M. Tech.**” only. *This brochure is dealing with 2-Year M. Tech. Programmes only.*

ISM offers admission in M. Tech. to the aspirants both with and without valid GATE score. The candidates, who have sufficiently high and valid GATE score, may apply for admission in M.Tech. as a GATE qualified candidate, will henceforth be called **GATE Candidates**. While, candidates who do not have valid GATE score, have to appear and qualify through an All India Entrance Examination conducted by ISM. These candidates will henceforth be called **ISM-EE Candidates**.

Candidates having valid GATE score but not confident of getting a seat as GATE Candidate due to low GATE score, may apply as ISM-EE Candidates.

A candidate may apply both as GATE Candidate and ISM-EE Candidate by sending two different application forms and by paying application fee for each of them. In one application form, a candidate can apply either as GATE Candidate or as ISM-EE Candidate.

ISM also admits Foreign Nationals / Non-Resident Indians (NRI) as per the details given in the website of ISM.

There is also a provision of direct admission of meritorious M. Tech. students in the Ph. D. Programme of ISM. top 20% of the students with OGPA of 8.5 and above up to a maximum of 10 seats in each Department may be given direct admission to Ph. D. Programme.

Different M.Tech courses offered by Indian School of Mines, Dhanbad and the name of the Course-offering Departments are shown in **Table 1**.

### **SPONSORED Candidates**

With a view to encourage persons working in Industries, the Institute admits a limited number of sponsored candidates to the M. Tech. Programme. It is expected that such candidates after successfully completing the programme, are better equipped to work in organizations sponsoring them. The admission requirement for sponsored candidates will be as follows:

- a) Candidates must have at least one-year full time work experience, at the time of application, in a government organization or companies of repute in the relevant field or in a recognized Academic Institution.
- b) A Sponsored candidate will have a valid GATE score or need to qualify the ISM Entrance Examination conducted on all India basis.
- c) Application form of the sponsored candidates must be endorsed by the employer.

## 2.1 Course Curriculum

The M.Tech programmes follow semester-based system for evaluation of students' performance. M.Tech programmes are of four-semester duration. The first and second semesters are devoted to classroom teaching while the third and fourth semesters are kept for carrying out a project work.

## 3. PROGRAMME FEE

The structure of the Semester Fees are as given below\*. A candidate is required to deposit the First Semester Fee only through online at the time of online provisional admission:

Semester	General Category/OBC/PC/Others	SC/ST
I	<input type="checkbox"/> 30700/- ( <input type="checkbox"/> 5000/- refundable)	<input type="checkbox"/> 22700/- ( <input type="checkbox"/> 5000/- refundable)
II	<input type="checkbox"/> 14800/-	<input type="checkbox"/> 6800/-
III	<input type="checkbox"/> 19700/-	<input type="checkbox"/> 11700/-
IV	<input type="checkbox"/> 14800/-	<input type="checkbox"/> 6800/-

\*Provisional, subject to revision.

It is to be noted that at the time of reporting in person at ISM for completing the admission, the students are required to pay separately the Annual Hostel Mess Fee Advance, tentatively, Rs. 30,000/-, This is to be deposited with the respective hostels.

Fee structure for the Foreign Nationals / Non-Resident Indians (NRI) candidates is mentioned on ISM website.

## 4. SCHOLARSHIP

- The scholarship will be offered only to those students who will be admitted as GATE Candidates at the rate of Rs. 12,400/- per month.
- Candidates who are admitted through the entrance examination (i.e. ISM-EE) will NOT be offered any scholarship.
- SPONSORED candidates are NOT eligible for any scholarship.
- GATE candidates admitted in seats against any vacancy in ISM-EE seats or in SPONSORED category seats, are NOT eligible for any scholarship.
- ISM-EE candidates admitted in seats against any vacancy in GATE seats or in SPONSORED category seats, are NOT eligible for any scholarship.

## 5. ELIGIBILITY FOR CANDIDATES

### 5.1 General Eligibility for the Candidates

- The qualifying degrees for each of the M.Tech courses are mentioned in **Table-2**.
- For admission in M.Tech. Programmes, applicants under all categories must possess a Bachelor's degree in Engineering / Technology or equivalent from the institutes recognized by UGC / AICTE or a Masters degree in Science, as mentioned in the **Table-2**.
- GATE Candidates must have valid GATE score in the Paper appropriate to the discipline of their qualifying degree. The GATE score should remain valid at the time of Admission.
- Non-GATE or GATE not qualified must qualify the ISM Entrance Examination (ISM-EE) conducted by ISM at different centres all over the country in respective Paper appropriate to their discipline in which they seek admission.
- Sponsored candidates must have valid (at the time of Admission) GATE score in the Paper appropriate to the discipline of their qualifying degree or must qualify the ISM Entrance Examination (ISM-EE) conducted by ISM at different centres all over the country in respective Paper appropriate to their discipline in which they seek admission
- Candidates seeking admission to M.Tech. Programmes of the Institute should have
  - Minimum 55% or CGPA/CPI of 5.5 in 10 point scale (without rounding off) in the qualifying degree for UR/OBC candidates
  - Minimum 50% or CGPA/CPI of 5.0 in 10 point scale (without rounding off) in the qualifying degree for SC/ST candidates
- *It is essential for a candidate to pass higher secondary (10 + 2 level) with Mathematics.* This criterion, however, is not applicable for the candidates who have not gone through higher secondary (10 + 2 level) examination before their graduation.
- The Migration Certificate / College Leaving Certificate is to be submitted at the time of Reporting at ISM for Admission.
- Seats are reserved for OBC / SC / ST candidates and physically challenged (PC) candidates as per Government of India rules. Admission to reserved category candidates will be done as per Government of India notification.
- Applicants must be in good health. The candidate has to upload the medical certificate in the prescribed proforma at the time of choice filling for counselling and the original is to be submitted at the time of admission. The medical certificate must be endorsed by CMO or equivalent of a government hospital in the format given in **Annexure-I**. The applicant without proper medical certificate will not be considered for admission in any circumstances.

### 5.2 Age Limit for Regular Candidates (Other than Sponsored Candidates)

- The candidate must be below the age of 30 years (35 years for women, PC, SC, ST & OBC(Non-creamy Layer) ) as on the last date of application (**12<sup>th</sup> April, 2016**).

### 5.3 Eligibility for Sponsored Candidates

In addition to the above requirements, the sponsored candidates have to fulfil the following criteria:

- Candidates must have at least one-year full time work experience, at the time of application, in a government organization or companies of repute in the relevant field or in recognized Academic Institutions.
- Application form of the sponsored candidates must be endorsed by the present employer.

### 5.4 Age Limit for Sponsored Candidates

The age for the sponsored candidates must be below 45 years (50-years for women, PC, SC, ST & OBC (Non-Creamy Layer) ) as on last date of application (**12<sup>th</sup> April, 2016**).

## 6. APPLICATION FOR ADMISSION

- The application form for M.Tech. has **to be submitted online**, which is available on the ISM website [www.ismdhanbad.ac.in](http://www.ismdhanbad.ac.in) **from 10<sup>th</sup> March, 2016 to 12<sup>th</sup> April, 2016**.
- The application fee for M.Tech. Programme is Rs. 2,000/- for UR/OBC(Non-creamy Layer) candidates and Rs.1,000/- for SC/ST/PC candidates.
- The application fee for Foreign Nationals/ NRI is US\$ 100.00
- The application fee is to be paid by online payment gateway only along with the online application.
- Application fee once paid will not be refunded under any circumstances.
- It is the responsibility of candidates, to ensure their eligibility for a particular course, based on the eligibility criteria as mentioned in the information brochure, before applying for the course.
- **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 be rejected.**
- The candidate with equivalent degree and discipline are allowed to take admission in different M. Tech programs. Under such cases, candidates have to mention the name of 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 has to produce the “certificate for degree equivalence”, issued by any of the certifying authorities like UGC, AICTE, AIU etc., declaring that his/her degree is approved and equivalent to the requisite qualifying degree as mentioned in **Table -2**.
- After submission of the online application form, printed copy of the application should be kept by the candidate for his/her record for subsequent use in the admission process.

- **Choice of subject and centre of examination as mentioned in the application form for ISM-EE is final. No request for change in the preference will be entertained.**
- ISM-EE candidates for M.Tech. Programme should refer **Table-3**, for the choice of **Subject and Subject Code** for the Entrance Examination. For syllabi for entrance Examination for each of the subjects, please refer to “*Syllabus for Entrance Examination – 2016*”.
- **There are some M. Tech. courses for which the subject of entrance examination is same.** Candidates appearing in any of these subjects are eligible for admission in any of the corresponding M. Tech courses based on their eligibility, rank in the entrance examination, choice of M. Tech. course and availability of seats for that M. Tech. course in his/her category.
- **Candidates are instructed to visit ISM website [www.ismdhanbad.ac.in](http://www.ismdhanbad.ac.in) regularly for important announcements / results.**
- The Institute will not issue any letter by post to any candidate regarding counselling / admission / entrance examination / selection for the programme. The candidate must visit Institute’s website ([www.ismdhanbad.ac.in](http://www.ismdhanbad.ac.in)) regularly in this regard for any updates.
- Admit cards for entrance examination and counselling information will be sent through online system.

### 6.1 Selection Procedure

- a. Number of seats available for various M.Tech Programmes for different category of candidates is given in **Table-4**.
- b. The admission to different M.Tech. programmes for GATE candidates will be made through counselling on the basis of their GATE score.
- c. In case of tie or same GATE score, preference will be given to older candidate in terms of date of birth.
- d. The **unfilled ISM-EE seats** will be filled with GATE candidates in the Second Round of Admission process. But, in such case NO Scholarship will be offered to the candidate, even if he/she has a valid GATE score. In this case, the candidate is required to submit an **affidavit** at the time of Admission for not claiming the Scholarship.
- e. The **unfilled GATE seats** will be filled with ISM-EE candidates in the Second Round of Admission process. But, in that case NO Scholarship will be offered to the candidate, even if he/she has a valid GATE score. In this case, the candidate who has a valid GATE score is required to submit an **affidavit** at the time of Admission for not claiming the Scholarship.
- f. The **unfilled SPONSORED seats** will be filled with GATE candidates and if, still there is any vacancy, then these seats will be filled with ISM-EE candidates in the Second Round of Admission process. In such case NO Scholarship will be offered to the candidate, even if he/she has a valid GATE score. In this case, the candidate who has a valid GATE score is required to submit an **affidavit** at the time of Admission for not claiming the Scholarship.



- g. The ISM-EE candidates will be offered admission **ONLY** in that Course for which he/she has appeared in the Entrance Examination as per **Table-3**.
- h. The admission of ISM-EE / SPONSORED candidates will be on the basis of their performance in **All India Entrance Examination** followed by counselling.
- i. The **All India Entrance Examination conducted by ISM** will be held on **15<sup>th</sup> May 2015 (Sunday) from 2.00 PM to 5.00 PM** at the following 11 centres:  
**Bhubaneswar, Chennai, Dhanbad, Guwahati, Hyderabad, Indore, Kolkata, Lucknow, New Delhi, Pune and Varanasi.**
- j. The medium of examination is English.
- k. The pattern of question paper for M. Tech ISM-EE would be as follows:
- The questions will be objective type with multiple choices. The examinee has to choose the most appropriate answer. All questions will be asked from the particular subject of examination and restricted to the syllabus of the subject.
  - There will be 30 questions of 1 mark each, 20 questions of 2 marks each and 10 questions of 3 marks each.
  - Every correct answer will be awarded its allotted mark.
  - There will be **Negative Marking** for each incorrect answer, 25% of the allotted marks will be deducted as negative marking.
  - No deduction from the total score will be made **if no response is indicated** for a question in the Optical Response Sheet.
- l. In the Examination, candidates have to mark correct answer out of four options given in an Optical Response Sheet by darkening the appropriate bubble. The machine-gradable Optical Response Sheets are graded and scrutinized with extreme care.
- m. ISM has authority to decide qualifying score for each paper. Based on the marks obtained by the candidates and the qualifying marks for a subject, the merit list will be prepared for each category of the candidates.
- n. There will be no provision of scrutiny and re-totalling of the marks. No correspondence in this regard will be entertained.
- o. Only shortlisted candidates will be called for the counselling. Based on their ranking and seat availability, they will be offered admission in a particular course.

## 6.2 Reservation

Reservation for SC/ST/OBC(Non-Creamy Layer) candidates will be as per Government of India directive/guidelines circulated from time to time.

- a) One seat is reserved in each discipline for Physically Challenged (PC) candidate subject to maximum of 3% within the respective category.
- b) One seat each is kept reserved for Jammu and Kashmir (JK) migrants as supernumerary seat.
- c) There are provisions for a few seats for **sponsored candidates (SP)** (Please see **Table-4**) with minimum 1-year experience at the time of application in the relevant field.



- d) One seat is reserved for Parsi (PS) candidate and one seat for ward/widow or dependents of Defence personnel (DP) (all categories) including ex-servicemen as per Govt of India rules, provided they fulfil eligibility criteria and qualify in the corresponding test.
- e) Forms of OBC (Non-Creamy Layer) Certificate (given in Annexure II) must be produced and submitted (in original) at the time of admission by OBC (Non-Creamy Layer) candidates applying for admission to central educational institutions (CEIS), under the Government of India and should be issued on or after **October 12, 2015**. Candidates with certificates earlier to this date would be treated as unreserved (UR) category candidates.

### 6.3 Medical Fitness

- The candidate has to submit the medical examination certificate in the prescribed proforma, which should be signed by the Chief Medical Officer (CMO) or equivalent of a Government Hospital. **In any circumstances, admission will not be allowed without proper Medical Certificate.**
- A candidate will be allowed to take admission only if the certificate produced by the candidate is verified to be satisfactory by ISM officials, whose decision in this regard will be final.
- An overview of the standards of medical fitness norm set by ISM is presented below.  
A candidate should have good general physique with:
  - **Chest measurement:** Not less than 70 cm with satisfactory limit of expansion and contraction.
  - **Vision:** Should be normal. In case of defective vision, it should be corrected to 6/9 in both eyes or 6/6 in the better eye.
  - **Hearing:** Should be normal. Defective hearing should be corrected.
  - **Heart & Lungs:** Should not have any abnormality and no history of mental diseases or epileptic fits.
  - There may be some additional medical fitness criteria for some of the Courses as mentioned in **Table-2** against the eligibility of individual Course.

## 7. ADMISSION PROCEDURE

- The M. Tech. admission will be through **online counselling** based on the GATE score / ISM-EE rank as per schedule given in Table-5. The details of counselling procedure is given in Annexure-III.
- Non-refundable counselling fee of Rs. 1,000.00 will be required for participation in online counselling by eligible candidates (all GATE qualified candidates + Shortlisted candidates of ISM-EE).
- The **selection** of candidates through online counselling will be **provisional** after online payment of programme fee.
- The applicants are to report in person at ISM, Dhanbad on the scheduled date, time and venue for completing his/her admission. If the candidate fails to report at the

Admission venue in person along with the requisite documents in original by that date and time, he/she will not be considered afterwards for admission.

- After completion of each Round of online counselling, no sliding of course will be permitted.
- Provisionally selected / admitted candidates in First Round will NOT be considered for Second Round.
- The candidate has to upload the following scanned copy of the documents ***at the time of online counselling:***
  - One set of self attested copies (both sides wherever applicable) of all the certificates and mark sheets (including valid GATE score) starting from Matriculation/School final examination
  - Caste certificate – only for SC/ ST / OBC (Non-creamy) candidates
  - Relevant certificate by the candidates who seek reservation in any sub-category (PC / DP / JK / PS)
  - Medical fitness certificate as given in Annexure-I
  - Endorsement Certificate (for Sponsored candidates).
- The candidate has to produce the following original documents ***at the time of Reporting to ISM to complete his/her Admission:***
  - Copy of the online application form.
  - Copy of the seat allotment letter
  - One set of self attested copies (both sides wherever applicable) of all the certificates and mark sheets (including valid GATE score) starting from Matriculation/School final examination
  - Caste certificate – only for SC/ ST / OBC (Non-creamy) candidates
  - Relevant certificate by the candidates who seek reservation in any sub-category (PC / DP / JK / PS)
  - The original certificates for each of the documents are to be produced at the time of reporting in ISM.
  - The original GATE Score Card and Migration Certificate have to be submitted at the time of reporting in ISM.
  - Medical fitness certificate as given in Annexure-I
  - Endorsement Certificate (for Sponsored candidates).
  - Affidavit regarding not claiming Scholarship (for some candidates as indicated in Section 6.1)
- The course coordinator will check the eligibility of the candidate for the M.Tech. programmes desired by the candidate. The course coordinator will declare the candidate eligible/not eligible for the course based on the eligibility criteria.
- The documents of the candidates will be verified by ISM personnel. Admission of only those candidates, whose documents are found in order and verified as satisfactory, will be confirmed.
- All other formalities related to Identity Card, Hostel and Bank will be completed subsequently by the candidate.
- Hostel fee and mess fee for the first semester have to be paid at the time of reporting to ISM. Caution money and security deposits are refundable only after completion of the

programme. Fees for subsequent semesters are to be paid before the commencement of the respective semesters.

### **7.1 Rules for Withdrawal and Refund of Admission Fee**

- A candidate, after taking admission, may apply for the withdrawal of admission through online portal upto the last date of July 17, 2016. After this date the candidate may apply for withdrawal of admission in person within specific period during office hours only. Such requests will not be entertained through email or in absentia.
- If a student withdraws his admission, all original certificates will be returned to him along with his admission fee as per UGC notification No. F. No. 1-3/2007 (CPP II); dated 23rd April, 2007 as given below:
  - i. If a student withdraws before the starting of the course, the waitlisted candidates should be given admission against the vacant seats. The entire fee collected from the student will be refunded after a deduction of processing fee of Rs.1000/-.
  - ii. If a student leaves after joining the course (or after the date of commencement of the course) and if the seat consequently falling vacant is filled up by another candidate by the last date of admission, he/she will be refunded the fees collected with proportionate deductions of monthly fee and hostel rent, where applicable.
  - iii. If a student withdraws after joining the course or after the date of commencement of the course and if the vacant seat is NOT filled up, he/she will be refunded only the caution money.

### **8. OTHER IMPORTANT POINTS**

- (a) An applicant once admitted in a particular postgraduate course will not be allowed to shift to any other course, even if seats remain available in other courses.
- (b) If adequate number of students is not available in a particular programme, ISM 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 the qualifications of the candidate match with the eligibility condition of that programme.
- (c) Students are required to maintain 75% attendance in the semester classes to make them eligible for the semester examination.
- (d) Students are required to observe prescribed Rules & Regulations and orders issued by the ISM authorities from time to time.

### **9. DISCLAIMER**

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

## **TERMS AND CONDITIONS**

### **No Warranty**

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### **Network Services**

**The ISM M. Tech. Admission Committee cannot be held responsible for reduced access speeds due to bandwidth overloads especially close to the deadlines of any online activity.**

### **JURISDICTION:**

In case any claim or dispute arises in respect of M.Tech. admission, it is hereby made absolutely clear that the Courts at Dhanbad and Dhanbad alone shall have the exclusive jurisdiction to entertain and settle any such dispute or claim.

### ***IMPORTANT***

- 1. Any communication regarding M. Tech. 2016-17 should be done at the following address:**

**ASSISTANT REGISTRAR (ACADEMIC)  
INDIAN SCHOOL OF MINES  
DHANBAD-826004  
JHARKHAND**

- 2. The envelope should be superscribed with “Ref: 2-Year M. Tech. Admission – 2016”.**

**TABLE 1: DIFFERENT M. TECH PROGRAMMES OFFERED BY ISM, DHANBAD**

Sl. No.	Name of M. Tech Programme	Course-offering Department	Subject Code
1.	Chemical Engineering	Chemical Engineering	CHE
2.	Computer Science and Engineering	Computer Science and Engineering	CSE
3.	Computer Science and Engineering (Specialisation in Information Security)		
4.	Electronics & Communication Engineering	Electronics Engineering	ECE
5.	RF & Microwave Engineering	Electronics Engineering	ECE
6.	Earthquake Disaster, Hazards and Mitigation	Applied Geophysics	EHM
7.	Engineering Geology	Applied Geology	EGL
8.	Environmental Science & Engineering	Environmental Science & Engineering	ESE
9.	Fuel Engineering	Fuel and Mineral Engineering	FLE
10.	Industrial Engineering & Management	Management Studies	IEM
11.	Mechanical Engineering (Specialisation in Machine Design Engineering)	Mechanical Engineering	MEC
12.	Mechanical Engineering (Specialisation in Maintenance Engineering & Tribology)		
13.	Mechanical Engineering (Specialisation in Manufacturing Engineering)		
14.	Mechanical Engineering (Specialisation in Thermal Engineering)		
15.	Mineral Engineering	Fuel and Mineral Engineering	MLE
16.	Mineral Exploration	Applied Geology	MEX
17.	Mining Engineering with Specialisation in a) Mine Planning & Design b) Rock Excavation Engineering c) Opencast Mining d) Mine Mechanization	Mining Engineering	MIN
	18.	Opencast Mining	
19.	Geomatics	Mining Engineering	GEM
20.	Mining Machinery Engineering	Mining Machinery Engineering	MME
21.	Petroleum Engineering	Petroleum Engineering	PET
22.	Petroleum Exploration	Applied Geology and Applied Geophysics	PEX
23.	Power Electronics and Electrical Drives	Electrical Engineering	ELE
24.	Power System Engineering		
25.	Mine Electrical Engineering	Mining Machinery Engineering	
26.	Structural Engineering	Civil Engineering	STE
27.	Tunnelling & Underground Space Technology	Mining Engineering	TUT

**TABLE-2: QUALIFYING DEGREES AND DISCIPLINES FOR M.TECH. PROGRAMMES**

Sl. No.	Name of M. Tech Programme	Eligibility Criteria
1.	Chemical Engineering.	B.E./B.Tech. or equivalent in Chemical Engineering/ Petrochemical/ Biochemical Engineering/ Polymer Science & Engineering.
2.	Computer Science and Engineering	B.E./B.Tech. or equivalent in Computer Science and Engineering/Information Technology/ Electronics and Communication / Telecommunication / Electronics and Instrumentation / Electronics /Electronics and Electrical / Electrical Engineering.
3.	Computer Science and Engineering (Specialisation in Information Security)	
4.	Earthquake Disaster, Hazards and Mitigation	Any one of the followings: <ul style="list-style-type: none"> <li>• 2-years M.Sc./3-years M.Sc.Tech./5-years integrated M.Sc.Tech. in Geophysics/ Applied Geophysics/ Exploration Geophysics/ Marine Geophysics/ Physics/ Applied Physics/ Geology/ Applied Geology/ Mathematics/ Applied Mathematics/</li> <li>• 5-years integrated M.Tech. in Geophysical Technology</li> <li>• B.E./B.Tech. or equivalent degree in Mining Engineering/ Environmental Science and Engineering/ Civil Engineering.</li> </ul>
5.	Electronics & Communication Engineering	B.E./B.Tech. or equivalent degree in Electronics/ Electronics & Communication/ Electronics & Telecommunication/ Electronics & Instrumentation/ Instrumentation/ Electronics & Electrical Engineering.
6.	RF & Microwave Engineering	B.E./B.Tech. or equivalent degree in Electronics Engineering/ Electronics & Communication/ Electronics & Telecommunication.
7.	Engineering Geology	Any one of the followings: <ul style="list-style-type: none"> <li>• M.Sc/M.Sc.Tech. degree in Geology/Applied Geology/Geoscience/Marine Geology with 3-year B.Sc (Honours/Major/Main/Equivalent) in Geology</li> <li>• BE/B.Tech. or equivalent degree in Civil Engineering.</li> <li>• 5-year integrated M.Sc./M.Sc.Tech./M.Tech in Applied Geology/5-year integrated M. Tech in Geological Technology.</li> </ul> <p><b>Note:</b> Candidates with colour blindness/unilocularity are not permissible.</p>
8.	Environmental Science & Engineering	Any one of the followings: <ul style="list-style-type: none"> <li>• M.Sc. Degree in Environmental Science/ Physics / Chemistry/ Zoology/ Botany / Geology/ Geography/ Mathematics/ Statistics/ Microbiology/ Atmospheric Science / Biochemistry/ Biotechnology / Earth Science/ Geochemistry/ Geophysics/ Meteorology/ Remote Sensing and GIS</li> <li>• M.Phil Degree in Environmental Science/ Physics / Chemistry/ Botany / Zoology/ Geology</li> <li>• M.Sc.Tech. Degree in Environmental Science /Petrochemical/ Biotechnology/ Atmospheric Science/ Geophysics/ Remote Sensing and GIS/ Meteorology.</li> <li>• B.E./B.Tech or equivalent degree in Environmental/Civil/Chemical / Mining / Mechanical/Mineral / Agriculture/ Biotechnology/ Computer Science/ Metallurgical/ Fuel &amp; Mineral/Material Science/ Mining Machinery/ Petrochemical/ Petroleum Engineering.</li> </ul>
9.	Fuel Engineering	B.E./B.Tech. or equivalent degree in Mineral/ Mining/ Metallurgy/ Chemical/ Mechanical/ Ceramic Engineering.
10.	Geomatics	Any one of the followings: <ul style="list-style-type: none"> <li>• B.E./B.Tech. or equivalent degree in Mining/ Environmental Science &amp; Engineering/ Civil Engineering/ Geomatics/ Geo Informatics/ Geo Sciences/ Remote Sensing/ Computer Science/ Information Technology</li> <li>• M.Sc.Tech. in Applied Geology / Applied Geophysics with minimum 50% marks in Mathematics at graduate level.</li> <li>• M.Sc. in Geospatial Sciences/ GIS/ Geography with 60% marks in Mathematics at graduate level.</li> </ul> <p><b>Note:</b> Candidates with Engineering background will get preference over those with science background.</p>



11.	Industrial Engineering & Management	B.E./B.Tech. or equivalent degree in any branch of Engineering.
12.	Mechanical Engineering (Specialisation in Design Engineering)	B.E./B.Tech. or equivalent degree in Mechanical / Production / Manufacturing / Automobile/ Aeronautical / Aerospace Engineering.
13.	Mechanical Engineering (Specialisation in Maintenance Engineering & Tribology)	
14.	Mechanical Engineering (Specialisation in Manufacturing Engineering)	
15.	Mechanical Engineering (Specialisation in Thermal Engineering)	
16.	Mineral Engineering	B.E./B.Tech./AMIE in mineral or equivalent degree in Mineral/ Mining/ Metallurgy/ Mechanical/ Chemical Engineering.
17.	Mineral Exploration	<p>Any one of the followings:</p> <ul style="list-style-type: none"> <li>• M.Sc/M.Sc.Tech. degree in Geology/Applied Geology/Geoscience/ Marine Geology with 3-year B.Sc (Honours/Major/Main/Equivalent) in Geology</li> <li>• 5-year integrated M.Sc./M.Sc.Tech./M.Tech in Applied Geology/5-year integrated M.Tech. in Geological Technology.</li> </ul> <p><b>Note:</b> Candidates with colour blindness/uniocularity are not permissible.</p>
18.	<p>Mining Engineering with specialisation in</p> <p>a) Mine Planning &amp; Design</p> <p>b) Rock Excavation Engineering</p> <p>c) Opencast Mining</p> <p>d) Mine Mechanization</p>	<p>Any one of the followings:</p> <ul style="list-style-type: none"> <li>• B.E./B.Tech. or equivalent degree in Mining / Opencast Mining / Mining Machinery Engineering.</li> <li>• B.E./B.Tech. or equivalent degree in Civil / Mechanical / Electrical Engineering with three years working experience in mines.</li> <li>• M.Sc.Tech. (Geology) with 60% marks in Mathematics at graduate level and three years working experience in mines.</li> </ul> <p><b>Note:</b></p> <ul style="list-style-type: none"> <li>• Candidates with engineering background will get preference over those with Science background.</li> <li>• Candidates with colour blindness / uniocularity are not permissible.</li> </ul>
19.	Mining Machinery Engineering	<p>B. E. / B. Tech. or equivalent degree in Mechanical / Mining Machinery/ Mining / Automobile Engineering.</p> <p>Note:</p> <ul style="list-style-type: none"> <li>• Female candidates are not permitted,</li> <li>• Candidates with colour blindness/ uniocularity are not permissible.</li> </ul>
20.	Opencast Mining	<p>Any one of the followings:</p> <ul style="list-style-type: none"> <li>• B.E./B.Tech. or equivalent degree in Mining / Opencast Mining / Mining Machinery Engineering.</li> <li>• B.E./B.Tech. or equivalent degree in Civil / Mechanical / Electrical Engineering with at least three years working experience in surface mining.</li> <li>• M.Sc.Tech. (Geology/Applied Geology) with 60% marks in Mathematics at graduate level and at least three years working experience in surface mining.</li> </ul> <p><b>Note:</b></p> <ul style="list-style-type: none"> <li>• Candidates with engineering background will get preference over those with Science background.</li> <li>• Candidates with colour blindness / uniocularity are not permissible.</li> </ul>

21.	Petroleum Engineering	B. E. / B. Tech. or equivalent degree in Petroleum Engineering/ Applied Petroleum Engineering/ Gas Engineering/ Petroleum Management/ Petroleum Studies/ Petroleum Technology/ Petroleum Science/ Petroleum Science and Engineering/ Petroleum Refining/ Petrochemical Engineering. <b>Note:</b> <ul style="list-style-type: none"> <li>• Candidates with Colour blindness/ Physical disability will not be allowed.</li> </ul>
22.	Petroleum Exploration	Any one of the followings: <ul style="list-style-type: none"> <li>• M.Sc/M.Sc.Tech. degree in Geology/Applied Geology/Geoscience/Marine Geology with 3-year B.Sc (Honours/Major/Main/Equivalent) in Geology</li> <li>• 5-year integrated M.Sc./M.Sc.Tech./M.Tech in Applied Geology/5-year integrated M.Tech. in Geological Technology.</li> <li>• M.Sc./M.Sc.Tech. degree in Geophysics/Applied Geophysics/ Exploration Geophysics/ Marine Geophysics with any two subjects out of Mathematics/ Physics/ Chemistry at B.Sc. level</li> <li>• 5 year integrated M.Sc./M.Sc.Tech. in Applied Geophysics/5-year integrated M. Tech. in Geophysical Engineering.</li> </ul> <b>Note:</b> Candidates with colour blindness/ uniocularly are not permissible.
23.	Power Electronics and Electrical Drives	B.E./B.Tech. or equivalent degree in Electrical / Electronics/Electrical & Electronics /Electrical & Communication/Electronics & Communication/Instrumentation/Electronics & Instrumentation/Power Electronics & Drives.
24.	Power System Engineering	B.E./B.Tech. or equivalent degree in Electrical / Electrical & Electronics Engineering.
25.	Mine Electrical Engineering	B.E. / B.Tech or equivalent degree in Electrical Engineering
26.	Structural Engineering	B.E./B.Tech or equivalent degree in Civil Engineering
27.	Tunnelling & Underground Space Technology	Any one of the followings: <ul style="list-style-type: none"> <li>• B.E./B.Tech. or equivalent degree in Mining / Opencast Mining / Mining Machinery / Civil / Mechanical Engineering.</li> <li>• M.Sc.Tech. in Applied Geology with 60% marks in Mathematics at graduate level.</li> </ul> <b>Notes:</b> <ul style="list-style-type: none"> <li>• Candidates with Engineering background will get preference over those with science background.</li> <li>• Candidates with colour blindness / uniocularly are not permissible.</li> </ul>

**TABLE-3: SUBJECT AND CODE FOR ENTRANCE EXAMINATION FOR VARIOUS M. TECH. PROGRAMMES**

Sl. No	Name of Programme	Name of subject for Entrance Examination	Subject Code
1.	Chemical Engineering	Chemical Engineering	CHE
2.	Computer Science and Engineering	Computer Science and Engineering	CSE
3.	Computer Science and Engineering (Specialisation in Information Security)		
4.	Earthquake Disaster, Hazards and Mitigation (EDHM)	Earthquake Disaster, Hazards and Mitigation (EDHM)	EHM
5.	Electronics & Communication Engineering	Electronics & Communication Engineering	ECE
6.	RF & Microwave Engineering	Electronics & Communication Engineering	ECE
7.	Engineering Geology	Engineering Geology	EGL
8.	Environmental Science & Engineering	Environmental Science & Engineering	ESE
9.	Fuel Engineering	Fuel Engineering	FLE
10.	Geomatics	Geomatics	GEM
11.	Industrial Engineering & Management	Industrial Engineering & Management	IEM
12.	Mechanical Engineering (Specialisation in Machine Design Engineering)	Mechanical Engineering	MEC
13.	Mechanical Engineering. (Specialisation in Maintenance Engineering. & Tribology)		
14.	Mechanical Engineering (Specialisation Manufacturing Engineering)		
15.	Mechanical Engineering (Specialisation Thermal Engineering)		
16.	Mineral Engineering	Mineral Engineering	MLE
17.	Mineral Exploration	Mineral Exploration	MEX
18.	Mining Engineering with Specialisation in a) Mine Planning & Design b) Rock Excavation Engineering c) Opencast Mining d) Mine Mechanization	Mining Engineering	MIN
19.	Mining Machinery Engineering	Mining Machinery Engineering	MME
20.	Opencast Mining	Mining Engineering	MIN
21.	Petroleum Engineering	Petroleum Engineering	PET
22.	Petroleum Exploration	Petroleum Exploration	PEX
23.	Power Electronics and Electrical Drives	Electrical Engineering	ELE
24.	Power System Engineering		
25.	Mine Electrical Engineering		
26.	Structural Engineering	Structural Engineering	STE
27.	Tunnelling & Underground Space Technology	Tunnelling & Underground Space Technology	TUT

**TABLE-4 : SEAT DISTRIBUTION FOR M. TECH. PROGRAMME FOR THE YEAR 2016-17**

Sl. No.	Name of Programme	Seat Type	UR	SC	ST	OBC	Total	SP
1	Chemical Engineering	GATE	6	2	1	3	12	3
		ISM-EE	5	1	1	3	10	
2	Computer Science and Engineering	GATE	13	4	2	7	26	6
		ISM-EE	13	4	2	6	25	
3	Computer Science and Engineering (Specialisation in Information Security)	GATE	13	4	2	7	26	3
		ISM-EE	13	4	2	6	25	
4	Earthquake Disaster, Hazards and Mitigation	GATE	6	2	1	3	12	4
		ISM-EE	5	1	1	3	10	
5	Electronics & Communication Engineering	GATE	20	6	3	11	40	6
		ISM-EE	20	6	3	11	40	
6	RF & Microwave Engineering	GATE	5	2	0	3	10	3
		ISM-EE	5	1	1	3	10	
7	Engineering Geology	GATE	4	1	1	2	8	3
		ISM-EE	3	1	0	2	6	
8	Environmental Science & Engineering	GATE	11	3	2	6	22	5
		ISM-EE	12	4	1	6	23	
9	Fuel Engineering	GATE	4	1	1	3	9	3
		ISM-EE	4	1	0	2	7	
10	Geomatics	GATE	3	1	1	2	7	3
		ISM-EE	2	1	0	1	4	
11	Industrial Engineering & Management	GATE	10	3	2	5	20	5
		ISM-EE	10	3	1	6	20	
12	Mechanical Engineering (Specialisation Design Engineering)	GATE	10	3	2	5	20	5
		ISM-EE	10	3	1	6	20	
13	Mechanical Engineering (Specialisation Manufacturing Engineering)	GATE	10	3	2	5	20	4
		ISM-EE	10	3	1	6	20	
14	Mechanical Engineering (Specialisation Thermal Engineering)	GATE	10	3	1	6	20	3
		ISM-EE	10	3	2	5	20	
15	Mechanical Engineering (Specialisation Maintenance Engineering & Tribology)	GATE	10	3	2	5	20	4
		ISM-EE	10	3	1	6	20	
16	Mineral Engineering	GATE	7	2	1	4	14	5
		ISM-EE	7	2	1	4	14	
17	Mineral Exploration	GATE	4	1	0	2	7	4
		ISM-EE	3	1	1	2	7	

18	Mining Engineering with specialisation with • Mine Planning & Design • Rock Excavation Engineering • Opencast Engineering • Mine Mechanization	GATE	3	1	0	2	6	3
		ISM-EE	2	1	1	1	5	
19	Mining Machinery Engineering	GATE	8	2	1	4	15	4
		ISM-EE	7	3	1	4	15	
20	Opencast Mining	GATE	4	1	1	2	8	3
		ISM-EE	4	1	0	2	7	
21	Petroleum Engineering	GATE	10	3	2	5	20	5
		ISM-EE	10	3	1	6	20	
22	Petroleum Exploration	GATE	7	2	1	4	14	4
		ISM-EE	6	2	1	3	12	
23	Power Electronics and Electrical Drives	GATE	10	3	1	6	20	3
		ISM-EE	10	3	2	5	20	
24	Power System Engineering.	GATE	10	3	2	6	21	3
		ISM-EE	10	3	1	5	19	
25	Mine Electrical Engineering	GATE	4	1	1	2	8	3
		ISM-EE	4	1	0	2	7	
26	Structural Engineering	GATE	6	2	1	3	12	3
		ISM-EE	5	1	1	3	10	
27	Tunnelling & Underground Space Technology	GATE	3	1	0	2	6	3
		ISM-EE	2	1	1	1	5	
<b>Total GATE</b>			<b>211</b>	<b>63</b>	<b>34</b>	<b>115</b>	<b>423</b>	<b>103</b>
<b>Total ISM</b>			<b>202</b>	<b>61</b>	<b>28</b>	<b>110</b>	<b>401</b>	
<b>Total (GATE+ISM-EE)</b>			<b>413</b>	<b>124</b>	<b>62</b>	<b>225</b>	<b>824</b>	<b>103</b>
			UR	SC	ST	OB	Total	SP

**UR**- Unreserved, **SC**- Scheduled Caste, **ST**- Scheduled Tribe,  
**OB**- Other Backward Classes (Non-Creamy Layers), **SP**- Sponsored



**TABLE 5: SCHEDULE OF M.TECH. ADMISSION 2016**

1.	Online Application Form available for submission	March 10, 2016 (Thursday)
2.	Last date of submission of online application form	April 12, 2016 (Tuesday)
3.	Issue of admit card for written test (to be downloaded from the website)	May 05, 2016 (Thursday) onwards
4.	Written test for ISM-EE / Sponsored candidates at various centres all over India.	May 15, 2016 ( Sunday), 2:00-5:00 PM
5.	Declaration of results of written test	June 20, 2016 (Monday)
6.	Availability of online counselling portal for registration, document upload and choice filling.	June 25, 2016 (Saturday) to June 29, 2016 (Wednesday)
7.	Seat Allotment (First Round)	6.00PM, July 04, 2016 (Monday)
8.	Online Fee deposit & provisional admission (First Round)	July 05, 2016 (Tuesday) to July 07, 2016 (Thursday)
9.	Reporting of provisionally admitted candidates (First Round) at ISM (for GATE category candidates) for Admission	July 14, 2016 (Thursday)
10.	Reporting of provisionally admitted candidates (First Round) at ISM (for ISM-EE category candidates) for Admission	July 15, 2016 (Friday)
11.	Seat Allotment (Second Round)	6.00PM, July 17, 2016 (Sunday)
12.	Online Fee deposit & provisional admission (Second Round)	July 18, 2016 (Monday) & July 19, 2016 (Tuesday)
13.	Reporting of provisionally admitted candidates (Second Round) at ISM (for GATE & ISM-EE category candidates) for Admission	July 24, 2016 (Sunday)
14.	Commencement of Semester for all M.Tech. courses for the Session 2016-17	July 18, 2016 (Monday)
Third Round of Admission may be conducted for which the dates will be announced later.		



**ANNEXURE - I****MEDICAL FITNESS CERTIFICATE OF APPLICANT  
FOR ADMISSION IN ISM DHANBAD****(To be provided by a CMO of a Government Hospital)**

I, Dr..... after examining (with necessary investigations) Mr./Ms.....Son/Daughter of Mr./Mrs..... Born on....., certify that Mr./Ms ..... has fairly sound constitution, and that he/she has no disease or physical or mental infirmity unfitting him now, or likely to unfit him 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. Pathological report of the following tests:

Test	Result	Comment (if any)
HB	Satisfactory / Not satisfactory	
TC	Satisfactory / Not satisfactory	
DC	Satisfactory / Not satisfactory	
ESR	Satisfactory / Not satisfactory	
HBS Ag	Satisfactory / Not satisfactory	
Routine examination of urine	Satisfactory / Not satisfactory	
HIV – I & II	Satisfactory / Not satisfactory	

14. Current Vaccination Status(All candidates who do not have adequate active/passive immunity against diseases mentioned below should take these injections/adult booster dose as recommended, before joining ISM and the date to be mentioned below).

VACCINATION AGAINST DISEASES	First Injection		Last Booster	
	Date	Yes/No	Date	Yes/No
BCG				
Diphtheria-Tetanus-Poliomyelitis				
Measles, Mumps, Rubella				
Hepatitis B				
Hepatitis A				
Meningitis				
Typhoid				
Chicken pox				

15. If any other abnormality noticed:

16. 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 ISM and attend classes with co-students

(Signature and Seal)

Date :

Place :

-----  
**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: .....

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**ANNEXURE – II**

**FORM OF CERTIFICATE TO BE PRODUCED BY OTHER BACKWARD CLASSES (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 dated 06/09/2001.
- (xiii) Resolution No. 12011/1/2001-BCC dated 19/06/2003.
- (xiv) Resolution No. 12011/4/2002-BCC dated 13/01/2004.
- (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:  
District Magistrate/Deputy Commissioner/Competent Authority  
Seal

\*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:
  - i District Magistrate/Additional Magistrate/Collector/Deputy Commissioner/Additional Deputy Commissioner/ Deputy Collector/Ist Class Stipendiary Magistrate / Sub-Divisional magistrate/Taluka Magistrate/Executive Magistrate / Extra Assistant Commissioner (not below the rank of I<sup>st</sup> Class Stipendiary Magistrate).
  - ii Chief Presidency Magistrate/Additional Chief Presidency Magistrate/Presidency Magistrate.
  - iii Revenue Officer not below the rank of Tehsildar' and
  - iv Sub-Divisional Officer of the area where the candidate and/ or his family resides.

## ANNEXURE – III

### Steps for Online Counselling

- **Step 1:** Registration on Online Counselling Portal.
  - All GATE qualified /ISM-EE qualified candidates have to register on the portal.
  - The candidate will get a unique user ID and password for further process.
  - The candidate has to pay requisite non-refundable counselling fee.
  - The candidate has to upload the scanned copy of the documents as mentioned in Section 7.
- **Step 2:** Online Choice Filling
  - Candidates can choose subjects from the available list.
  - Candidate can modify/reorder his/her choices until he/she lock the choices.
  - Candidate must lock the choices on or before the deadline. Still, if a candidate fails to lock the choices on or before the deadline, choices will be locked automatically as provided by the candidate previously on counselling portal.
  - If a candidate does not fill any choice, his/her candidature will not be considered for seat allotment.
  - If the candidate does not fill sufficient number of choices he/she may not get any course allotment, especially the case when rank is low. The choices locked by candidate are final and cannot be change at later stage.
- **Step 3:** Seat Allotment (First Round)
  - The uploaded documents will be first verified by ISM officials and a seat will be allotted as per the following.
    - Allotment of seats for GATE candidates will be based on their GATE score.
    - Allotment of seats for ISM-EE candidates will be based on their rank in ISM Entrance examination.
  - After seat allotment, candidate has to submit the Programme fee as mentioned in Section 3 of Brochure, to get provisional admission.
- **Step 4:** Reporting at ISM Dhnabad (First Round)
  - Provisionally admitted candidates have to appear in-person with the original documents as mentioned in Section 7 to confirm the Admission.
- **Step 5:** If seats remain vacant **Second Round** (and, if necessary, **Third Round**) of 'Seat Allotment' & 'Reporting at ISM Dhnabad' will be conducted based upon the online choices filled by the candidates as given in **Step 2** above.