



राष्ट्रीय प्रौद्योगिकी संस्थान, राउरकेला

National Institute of Technology, Rourkela

NITR/AC/UG-PG/2014/L/3872

JULY 21, 2014

INSTRUCTIONS FOR INTERNAL SLIDING AND SPOT ADMISSION TO M. TECH PROGRAMMES AGAINST THE VACANT SEATS FOR THE SESSION 2014 - 15

Principles of Internal Sliding and Spot Selection:

- 1) Vacancy list has been prepared on the basis of GATE subjects **[Table – 1]**. If candidates of one GATE subject are allowed in several specializations, all such specializations will be clubbed together to make a group irrespective of the department.
- 2) While identifying vacant seats in multi-GATE specializations, the specialization-wise allocation done by CCMT will be taken as fixed. This means that a vacancy caused by non-appearance of a candidate of a specific GATE subject can be filled in spot round only by a candidate of the same GATE subject, even if at the time of original admission under CCMT there was no such restriction. [The clause has been necessary because internal sliding will be done after seeing choices of candidates already admitted]
- 3) Reservation category with respect to seat matrix will be honoured as per CCMT allocation.
- 4) Vacant seats for the purpose of internal sliding will be displayed based on reservation category, GATE subject as well as specialization wise distribution. The total number of vacant seats under each GATE subject and reservation category is relevant for spot admission, because the specialization-wise vacancies will change after internal sliding.
- 5) Spot admission will be done basing on total vacancy of a specific GATE subject and reservation category. **No specialization will be allotted at the time of admission. A candidate must be willing to accept any specialization in any department under his GATE subject and must fill up choices for all specializations in that group [Table – 1] in order of preference.** If he/she is unwilling to accept any one of the specializations under his GATE subject he/she **need not participate in Spot round.**
- 6) Provisional admission will be given in Spot round mentioning all possible departments and specializations as per the choice list given by the candidate.
- 7) On 28th July, the institute will do the internal sliding, using choices given by already admitted candidate who have exercised Option II at the time of admission: internal sliding within the institute. Internal sliding will be done within one's own GATE subjects and reservation category only.
- 8) The balance seats [which shall usually be the least popular specialization] will be given to spot round candidates as per their choices on 28th July 2014 [Afternoon].
- 9) In some cases, on scrutiny off qualification [Ex: B. Tech branch as per **Annexure - V**], it may so happen that a candidate becomes ineligible for some specializations under his GATE subject. [For example; an Aeronautical Engineering student with 'ME' GATE is eligible for most 'ME' specializations but not for Metallurgical & Material Engineering, while an Mechanical Engineering student with 'ME' GATE is eligible for the same]. If he fails to get a seat in one of the other choices, his draft will be returned.
- 10) Seats left vacant after Spot Round on 23rd July 2014 will be filled by Non-GATE candidates on 26th July 2014. Students may note that chances of a vacancy are very slim in most departments. Please wait for an announcement on website on 24th July 2014. Non-GATE candidates if any, will be admitted only in the departments of their B. Tech branch, honouring reservation category.

Table – 1: GATE Paper Wise Vacancy Position for Internal Sliding and Spot Admission to various M.Tech. Programmes of NIT Rourkela.

| GATE Paper | Eligible Specilaisation | OC | OC PWD | OB | OB PWD | SC | SC PWD | ST | ST PWD | Total |
|-------------------|---|-----------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|--------------|
| BT | Biomedical Engineering | 2 | 0 | 3 | 0 | 1 | 0 | 0 | 0 | 6 |
| | Biotechnology | | | | | | | | | |
| | Mining Engineering | | | | | | | | | |
| CE | Geotechnical Engineering | 8 | 0 | 6 | 0 | 1 | 0 | 2 | 0 | 17 |
| | Structural Engineering | | | | | | | | | |
| | Transportation Engineering | | | | | | | | | |
| | Water Resources Engineering | | | | | | | | | |
| | Mining Engineering | | | | | | | | | |
| CH | Chemical Engineering | 5 | 0 | 5 | 0 | 1 | 0 | 0 | 0 | 11 |
| | Safety Engineering | | | | | | | | | |
| | Biotechnology | | | | | | | | | |
| | Biomedical Engineering | | | | | | | | | |
| | Thermal Engineering | | | | | | | | | |
| | Cryogenics & Vacuum Technology | | | | | | | | | |
| | Metallurgical & Materials Engineering | | | | | | | | | |
| | Steel Technology | | | | | | | | | |
| | Mining Engineering | | | | | | | | | |
| | Industrial Ceramics | | | | | | | | | |
| CS | Computer Science | 10 | 0 | 6 | 0 | 1 | 0 | 0 | 0 | 17 |
| | Information Security | | | | | | | | | |
| | Software Engineering | | | | | | | | | |
| | Biomedical Engineering | | | | | | | | | |
| | Mining Engineering | | | | | | | | | |
| EC | Communication & Networks | 30 | 0 | 11 | 0 | 2 | 0 | 0 | 0 | 43 |
| | Electronics and Instrumentation Engineering | | | | | | | | | |
| | Signal & Image Processing | | | | | | | | | |
| | VLSI Design & Embedded Systems | | | | | | | | | |
| | Mining Engineering | | | | | | | | | |
| | Electronic Systems & Communication | | | | | | | | | |
| | Biomedical Engineering | | | | | | | | | |
| | Control & Automation | | | | | | | | | |
| | Industrial Electronics | | | | | | | | | |
| | Industrial Design | | | | | | | | | |
| EE | Electronic Systems & Communication | 13 | 0 | 5 | 0 | 2 | 0 | 0 | 0 | 20 |
| | Control & Automation | | | | | | | | | |

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|----|---|----|---|----|---|---|---|---|---|----|
| | Industrial Electronics | | | | | | | | | |
| | Power Electronics & Drives | | | | | | | | | |
| | Mining Engineering | | | | | | | | | |
| | Biomedical Engineering | | | | | | | | | |
| | VLSI Design & Embedded Systems | | | | | | | | | |
| | Electronics and Instrumentation Engineering | | | | | | | | | |
| | Industrial Design | | | | | | | | | |
| | Cryogenics & Vacuum Technology | | | | | | | | | |
| IN | Industrial Electronics | | | | | | | | | |
| | Biomedical Engineering | | | | | | | | | |
| | VLSI Design & Embedded Systems | | | | | | | | | |
| | Electronics and Instrumentation Engineering | 1 | 0 | 2 | 0 | 1 | 0 | 0 | 0 | 4 |
| | Electronic Systems & Communication | | | | | | | | | |
| | Control & Automation | | | | | | | | | |
| | Mining Engineering | | | | | | | | | |
| | Industrial Design | | | | | | | | | |
| ME | Cryogenics & Vacuum Technology | | | | | | | | | |
| | Machine Design & Analysis | | | | | | | | | |
| | Production Engineering | | | | | | | | | |
| | Thermal Engineering | | | | | | | | | |
| | Metallurgical & Materials Engineering | 35 | 1 | 21 | 7 | 1 | 0 | 0 | 0 | 65 |
| | Steel Technology | | | | | | | | | |
| | Biomedical Engineering | | | | | | | | | |
| | Mining Engineering | | | | | | | | | |
| | Production Engineering | | | | | | | | | |
| | Industrial Ceramics | | | | | | | | | |
| | Industrial Design | | | | | | | | | |
| PI | Production Engineering | | | | | | | | | |
| | Metallurgical & Materials Engineering | | | | | | | | | |
| | Biomedical Engineering | | | | | | | | | |
| | Production Engineering | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Metallurgical & Materials Engineering | | | | | | | | | |
| | Steel Technology | | | | | | | | | |
| | Mining Engineering | | | | | | | | | |
| | Industrial Design | | | | | | | | | |
| MT | Biomedical Engineering | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Industrial Ceramics | | | | | | | | | |

| | | | | | | | | | | |
|----|---------------------------------------|---|---|---|---|---|---|---|---|---|
| | Production Engineering | | | | | | | | | |
| | Metallurgical & Materials Engineering | | | | | | | | | |
| | Steel Technology | | | | | | | | | |
| | Mining Engineering | | | | | | | | | |
| XE | Industrial Ceramics | | | | | | | | | |
| | Metallurgical & Materials Engineering | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Steel Technology | | | | | | | | | |
| | Mining Engineering | | | | | | | | | |
| AE | Machine Design & Analysis | | | | | | | | | |
| | Thermal Engineering | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Mining Engineering | | | | | | | | | |
| CY | Mining Engineering | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| GG | Mining Engineering | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MA | Mining Engineering | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MN | Mining Engineering | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PH | Mining Engineering | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

- Notes: 1. Please note that there is no vacancy for GATE papers PI, MT, XE, AE, CY, GG, MA, MN and PH.
2. After the qualified candidates list is exhausted under PH quota unfilled seats including un-allotted seats will be transferred to the respective category.

Internal Sliding and SPOT Admission:

For taking a chance in Spot admission for M.Tech programme at NIT Rourkela interested GATE qualified candidates satisfying the eligibility norms [Annexure-V] are advised to apply online to NIT Rourkela at the online portal: <http://eapplication.nitrkl.ac.in> . Dates for various events are given in **Table – 2. Application made to CCMT-2014 will have no merit for spot admission to NIT Rourkela.**

Table - 2: Events for Internal Sliding for already admitted students and Spot admission of fresh candidates.

| EVENTS | GATE CANDIDATES ONLY (No application will be entertained without valid original GATE score card) |
|---|--|
| Declaration of vacancy position | July 21, 2014 |
| Online application starts for Spot admission | July 21, 2014 |
| Submission of online choices for internal sliding by students admitted through CCMT | July 21, 2014 to 12.00 noon of July 28, 2014 |
| Date of Spot selection and admission | July 23, 2014 |
| Time of Reporting for Spot selection | 09:00 AM on July 23, 2014 |
| Spot Selection starts at | 11.00 AM on July 23, 2014 |
| Venue for Spot Selection | Pranakrushna Parija Auditorium |
| Internal sliding for students admitted through CCMT | Afternoon on July 28, 2014 |
| Allotment of Specialization based on vacancy position after internal sliding | Afternoon on July 28, 2014 after internal sliding |

Eligibility:

- The candidates should have B.E. /B.Tech or equivalent degree in the discipline as mentioned in **Annexure-V** with not less than 60% marks or 6.5/10 CGPA in the qualifying examination. This CGPA/percentage should be the aggregate CGPA/percentage based on all semesters/years. Conversion from CGPA to percentage or vice-versa given by individual Institute/University will not be considered. If the evaluation system is in CGPA, CGPA value will be considered and if the evaluation system is in marks/percentage value will be considered.

2. There is no relaxation in academic requirement for any category / caste of candidates because the minimum academic requirement has been set to meet the basic challenges of the academic programme.
3. The candidates appearing B.E. / B.Tech (final semester) examination may also apply for the above programmes. However, they have to produce their mark/grade sheet showing 60% marks or CGPA 6.5 in aggregate latest by 30th September 2013, failing which their admission will stand cancelled. Such students, at the time of admission, must produce a certificate signed by the Principal or Registrar of the College last attended stating that all examinations including practical necessary for award of the degree have been completed in order to be eligible for admission in the prescribed format given in the Annexure-I.

While reporting for counselling, candidates are required to bring the following documents in **ORIGINAL** with a photocopy (attestation not necessary) of each.

| | |
|----|---|
| 1 | Printout of the "Online Enrolment Form" & "Address Slips" obtained from http://eapplication.nitrkl.ac.in |
| 2 | GATE Score Card in Original [for GATE qualified candidates, Original will be retained] |
| 3 | Pass Certificate of High School Certificate Examination / Equivalent Examination for proof of date of birth [Original + 1 photocopy, Original will be returned] |
| 4 | Pass Certificate of Qualifying Examination [Original will be retained] |
| 5 | Memorandum of Marks of all Examinations starting from HSC onwards (Candidates whose results are awaited will be given provisional admission at their own risk and must produce the qualifying marks by 30th September 2014 failing which their admission will be cancelled and all fees paid will be forfeited) [Original + 1 photocopy, Original will be returned] |
| 6 | Course completion Certificate from the Principal/Registrar of the University /Institute in case result is awaited as per Annexure I [Original will be retained] |
| 7 | College Leaving/Transfer Certificate from the Institution last attended [Original will be retained] |
| 8 | Migration Certificate from the University last attended [Original will be retained] |
| 9 | Conduct/Character Certificate from the Institution last attended [Original will be retained] |
| 10 | Recent passport size coloured photographs [03 No's, preferably White/Sky blue background] |
| 11 | Recent Scheduled Caste / Scheduled Tribe/ Physically Handicapped / OBC certificate (eligibility as per declaration by GOI) for claiming reservation. OBC Certificate (Annexure II & Annexure III) and PH Certificate (Annexure IV) need to be issued on or after 1st April 2014 |
| 12 | Admission Fee: Rs. 55, 500/- (for SC/ST Rs. 20, 500/-) in the shape of Demand draft in favour of " Director, NIT Rourkela " payable in any bank in Rourkela. |
| 13 | Mess Advance: Rs. 22, 000/- in the shape of Demand draft in favour of " Chief Warden of Halls, NIT Rourkela " payable in any bank in Rourkela. |

Please note that NIT, Rourkela is a fully residential Institute and permission to stay outside is granted only in rare cases. Permission from Dean (Academic) needs to be obtained for the purpose of staying outside a hostel. Dean (Academic) should be convinced about the genuineness of the need as well as about the facility available for pursuing studies in the alternative accommodation. Permission to stay outside the hostel may be granted after a student has been admitted to a hall and paid all starting dues. Students permitted to stay outside will not be allotted a room, nor will they be required to pay mess dues in future. Their mess advance will be refunded after adjustment of dues if any (e.g. establishment fee, special functions etc.). It may be noted that such students need to pay hostel seat rent, establishment fee and fees for special functions every semester till completion of their programme.

Before coming for the admission, the candidate must ensure that he/she is fulfilling all eligibility criteria for admission as per our advertisement. The Institute will not be held liable for any discrepancies arising in future and reserves the right to cancel the selection/admission.

Location:

NIT Rourkela is around 8 kms away from the railway station. Applicants may hire an auto and reach the Institute. The minimum auto fare is Rs. 100/-.

Accommodation:

NIT Rourkela is having Two Guest Houses (South Block and North Block) with limited number of rooms. Accommodation will be provided as per availability on payment basis. Interested applicants may contact in the following details for booking accommodation.

Contact Person : Dr. Samir Mohanty

Telephone : 0661 – 246 4000/246 4040

Fee Structure:

The fee structure for the entire course of study of M. Tech Programme is as follows:

| Sl. No | Fee | M. Tech 1 st semester | M. Tech 2 nd semester |
|--------------|--|----------------------------------|----------------------------------|
| 1 | Admission fee (one time) | 1,500/- | Nil |
| 2 | Tuition fee (Exempted for SC/ST students) | 35,000/- | 35,000/- |
| 3 | Other fees(Exam, Library, Electricity etc.,) | 3,000/- | 3,000/- |
| 4 | Student Activity fee | 2,000/- | 2,000/- |
| 5 | Medical fee | 1,000/- | 1,000/- |
| 6 | Book fee | 1,000/- | 1,000/- |
| 7 | Hostel seat Rent | 2,000/- | 2,000/- |
| 8 | Institute Development Contribution (One time, non-refundable) | 5,000/- | Nil |
| 9 | Caution Money (One time, refundable only on completion of the programme) | 5,000/- | Nil |
| 10 | Mess Dues**** | 22,000/- | 22,000/- |
| Total | | 77,500/- | 66,000/- |
| Sl. No | Fee | M. Tech 3 rd semester | M. Tech 4 th semester |
| 1 | Tuition fee (Exempted for SC/ST students) | 35,000/- | 35,000/- |
| 2 | Other fees (Exam, Library, Electricity etc.,) | 3,000/- | 3,000/- |
| 3 | Student Activity fee | 2,000/- | 2,000/- |
| 4 | Medical fees | 1,000/- | 1,000/- |

| | | | |
|--------------|------------------|-----------------|-----------------|
| 5 | Book fee | 1,000/- | 1,000/- |
| 6 | Souvenir fee | 500/- | Nil |
| 7 | Hostel seat Rent | 2,500/- | 2,500/- |
| 8 | Mess Dues**** | 22,000/- | 22,000/- |
| Total | | 67,000/- | 66,500/- |

****Amount mentioned against mess dues is an approximate amount.

However, the Institute has right to change the fee structure at any point of time through the course of study binding to the Institute rules.

Refund Rule:

Once a student is admitted and then he/she is removed or withdraws/leaves the Institute without completing the entire programme, all fees paid including the caution deposit will be forfeited by the Institute. Mess advance may be refunded after deduction of dues, if any.

For further details on admission queries please contact:

Email : admission@nitrrkl.ac.in

Ph. : 0661 – 246 2030

Sd/-

Dy. Registrar (Academic)

Copy to:

1. Institute Website
2. M. Tech Admission File
3. Group e-mail to all faculty
4. Director for kind information
5. Registrar for kind information
6. Chief Warden of Halls for necessary action
7. DR [F&A]/AR [F&A]
8. Dean [AC]
9. AR [AC]
10. Security Officer

Undertaking to be produced by the candidates at the time of admission**Undertaking**

I, Mr./Ms. _____, Roll No. _____ hereby undertake that, I am a bonafied student of _____ (name of institute/ college/ University) and have completed the final examination including practicals/sessionals and all other requirements to be eligible for the award of the degree of _____ in _____ (branch / Specialisation) and my result has not been published yet. I will produce the result and certificates showing at least 60% marks in aggregate or CGPA 6.5 in a 10 point scale on or before September 30, 2014 failing which my admission shall stand cancelled and all fees paid will be forfeited. I will not appeal to the Institute authority for further extension of date for submission of my result.

Date:**Signature of the candidate****Certification by the institute/ college/ University**

This is to certify that Mr./Ms. _____, Roll No. _____ is a bonafied student of this institute/ college/ University and has completed the final examination including practicals/sessionals and all other requirements to be eligible for the award of the degree of - _____ in _____ (branch / Specialisation). The result of the said examination will be published on or before September 30, 2014, failing which his admission may be cancelled.

Date:**Signature with Seal of the Principal/Registrar**

Performa for Other Backward Class (OBC) Certificate

[Certificates issued from Maharashtra State must be validated by the Social Welfare Department of the Maharashtra Government]

(CERTIFICATE TO BE PRODUCED BY OTHER BACKWARD CLASSES APPLYING FOR ADMISSION TO CENTRAL EDUCATIONAL INSTITUTIONS (CEIs), UNDER THE 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.

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 or the latest notification of the Government of India.

Dated:

District Magistrate/ Competent Authority

Seal

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 Ist Class Stipendiary Magistrate).
 - (ii) Chief Presidency Magistrate / Additional Chief Presidency Magistrate / Presidency Magistrate.
 - (iii) Revenue Officer not below the rank of Tehsildar.
 - (iv) Sub-Divisional Officer of the area where the candidate and / or his family resides.
- (c) The annual income / status of the parents of the applicant should be based on financial year ending March 31, 2014.

Declaration/Undertaking - for OBC Candidates only

I, Mr./Ms. _____ son/daughter of Shri _____ resident of village / town /city of _____ district _____ State hereby declare that I belong to the _____ community which is recognized as a backward class by the Government of India for the purpose of reservation for admission in Central Government Institutions as per orders contained in Department of Personnel and Training Office Memorandum No. 36012/22/93- Estt. (SCT),dated 8/9/1993. It is also declared that I do not belong to persons / sections (Creamy Layer) mentioned in Column 3 of the Schedule to the above referred Office Memorandum, dated 8/9/1993, which is modified vide Department of Personnel and Training Office Memorandum No. 36033/3/2004 Estt. (Res.) dated 9/3/2004. I also declare that the condition of status / annual income for 'Creamy Layer' of my parents is within prescribed limits as on financial year ending on March 31, 2014.

Place:

Signature of the Candidate

Date:

Note: Declaration / undertaking not signed by Candidate will be rejected

Format for Physically Challenged (PH) Certificate

(To be obtained by the candidate)

(To be filled by Medical Board notified under PWD Act)

Affix here recent
Photograph showing
the disability duly
attested by Medical
Superintendent
/CMO/Head of
Hospital (with seal)

Certificate No:

Date:

This is to certify that Mr./Ms. _____ son / daughter of
Mr./Mrs. _____ Age _____ male/female, Registration No.
_____ is a case of _____. He/She is physically disabled/visual
disabled/speech and hearing disabled/having mental retardation/leprosy cured and has % (_____ per
cent) permanent (physical impairment/visual impairment/speech and hearing impairment etc.) in relation to his/her
_____.

Note:

This condition is progressive/not progressive/likely to improve/not likely to improve*.

1. Re-assessment is not recommended/ is recommended after period of _____ months/years*.

(*Strike out whichever is not applicable)

Signature of Dr.

Signature of Dr.

Signature of Dr.

Name of Dr.

Name of Dr.

Name of Dr.

Specialization

Specialization

Specialization

Seal with Degree

Seal with Degree

Seal with Degree

(Member, Medical Board)

(Member, Medical Board)

(Member, Medical Board)

Signature/Thumb impression of Patient

Countersigned by the
Medical Superintendent/CMO/Head of Hospital (with seal)

Information/Guidelines

- 1) Disability certificate shall be issued by Medical Board of at least three doctors duly constituted by the State or Central government under PWD Act.(One of the members of the Board should be the specialist in the particular field for assessing Locomotor, Visual disability, Hearing and Speech disability, Mental disorder and Leprosy cured)
- 2) For candidature under physically challenged category, candidates only with a minimum of 40% disability is required subject to the condition that the candidate is capable of carrying out all activities related to theory and practical work as applicable to various programmes without any special concessions and exemptions.
- 3) The Medical Officer of NIT Rourkela may assess the Physically Challenged (PH) certificate and the decision of the Medical Officer is final and binding on the candidate.

| Sl. No. | Department | Specialization | Qualifying Degree Eligibility [Ref. Table-A1] |
|---------|---------------------------------------|------------------------|--|
| 1 | Biotechnology and Medical Engineering | Biomedical Engineering | B.Tech/BE/B.Sc. Engg./AMIE in Biomedical Engineering Biomedical Instrumentation Biochemical & Biotechnology Engineering Bioengineering MBBS Medical Instrumentation Electrical and Mechanical Engineering Electrical Engineering Mechanical Engineering Metallurgical & Materials Engineering Ceramic Engineering Biotechnology & Biochemical Engineering Biosciences & Bioengineering Biochemical Engineering Biotech Engineering Biotechnology Biological Sciences & Bioengineering Chemical & Polymer Engineering Chemical Engineering Electrical and Computer Engineering Applied Electronics & Instrumentation Engineering Computer Aided Design of Structures Electronics & Instrumentation Engineering Electronics & Electrical Engineering Electronics Communication & Instrumentation Engineering Instrumentation Engineering |
| | | Biotechnology | B.Tech/BE/B.Sc. Engg./AMIE in Biochemical & Biotechnology Engineering Biochemical Engineering Bioengineering Biological Sciences & Bioengineering Biomedical Engineering Biosciences & Bioengineering Biotech Engineering Biotechnology Biotechnology & Biochemical Engineering Chemical Engineering Chemical Technology |
| 2 | Chemical Engineering | Chemical Engineering | B.Tech/BE/B.Sc. Engg./AMIE in Chemical Engineering Chemical & Polymer Engg. Chemical Engg(Plastic & Polymer) Chemical Technology Petrochem & Petroleum Ref Engg. Petrochem Tech Petrochem Engg. Petroleum Engg. |

| | | | |
|--|--|---------------------------|---|
| | | | Petroleum Tech |
| | | Safety Engineering | <p>Advanced Manufacturing & Mechanical Systems Design</p> <p>Aeronautical Engineering</p> <p>Aerospace Engineering</p> <p>Aircraft Maintenance Engineering</p> <p>Applied Mechanics</p> <p>Automation & Robotics</p> <p>Automobile Engineering</p> <p>Automotive Engineering</p> <p>Automotive Technology</p> <p>Cement & Ceramic Technology</p> <p>Ceramic & Glass Technology</p> <p>Ceramic Engineering</p> <p>Ceramic Engineering & Technology</p> <p>Ceramic Technology</p> <p>Chemical & Alcohol Technology</p> <p>Chemical & Bio Engineering</p> <p>Chemical & Polymer Engineering</p> <p>Chemical Engineering</p> <p>Chemical Engineering (Plastic & Polymer)</p> <p>Chemical Technology</p> <p>Civil & Transportation Engineering</p> <p>Civil & Transportation Technology</p> <p>Civil Engineering</p> <p>Civil Engineering & Planning</p> <p>Civil Engineering (Public Health Engineering)</p> <p>Civil Environmental Engineering</p> <p>Civil Technology</p> <p>Construction & Project Management</p> <p>Construction Engineering</p> <p>Construction Engineering & Management</p> <p>Construction Technology</p> <p>Construction Technology & Management</p> <p>Control & Electrical Engineering</p> <p>Electrical & Instrumentation Engineering</p> <p>Electrical & Electronics Engineering</p> <p>Electrical & Power Engineering</p> <p>Electrical and Computer Engineering</p> <p>Electrical and Electronics (Power System)</p> <p>Electrical and Mechanical Engineering</p> <p>Electrical Engineering</p> <p>Electrical Engineering & Industrial Control</p> <p>Electrical Engineering (Power)</p> <p>Electrical Power Engineering</p> <p>Electro-Chemical Engineering</p> <p>Energy Engineering</p> <p>Energy Science & Engineering</p> <p>Environment & Pollution Control</p> |

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| | | <p>Environmental Engineering Environmental Science & Engineering Environmental Science & Technology Fuel Technology Highway Engineering Industrial Manufacturing Engineering Industrial Metallurgy Industrial Production Manufacturing Engineering Manufacturing Engineering & Automation Manufacturing Process Manufacturing Process & Automation Engineering Manufacturing Science & Engineering Manufacturing Technology Marine Engineering Marine Technology Material Science & Engineering Material Science & Metallurgical Engineering Material Science & Technology Materials & Metallurgical Engineering Mechanical & Automation Engineering Mechanical Engineering Mechanical Engineering (Design & Manufacturing) Mechanical Engineering (Repair and Maintenance) Mechanical Engineering Automobile Mechanical Engineering(Manufacturing Engineering) Mechanical Engineering(Welding Technology) Metallurgical & Materials Engineering Metallurgical & Materials Technology Metallurgical Engineering Metallurgical Engineering & Material Science Metallurgy Metallurgy & Materials Metallurgy and Material Technology Military Engineering Mine Engineering Mineral Dressing Mineral Engineering Mineral Processing Mining & Machinery Engineering Mining Engineering Mining Technology Oil & Paint Technology Oil Technology Oils - Oleochemicals & Surfactants Technology Petrochem and Petroleum Refinery Engineering Petro-Chemical Engineering Petro-Chemical Technology</p> |
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| | | | Petroleum Engineering Petroleum Technology Plastic & Polymer Engineering Plastics Engineering Plastics Technology Polymer Engineering Polymer Engineering and Technology Polymer Science & Chemical Technology Polymer Science & Rubber Technology Polymer Science & Technology Polymer Technology Power Control & Drives Power Electronics - (T175) CH Power Electronics & Instrumentation Engineering Power Engineering Precision Manufacturing Production & Industrial Engineering Production Engineering Production Engineering & Management Renewable Energy Safety & Fire Engineering Solar & Alternate Energy Structural Engineering Transportation Engineering |
| 3 | | Geotechnical Engineering | B.Tech/BE/B.Sc. Engg./AMIE in Civil Engineering Civil Engg. & Planning Civil Tech. |
| | | Structural Engineering | B.Tech/BE/B.Sc. Engg./AMIE in Civil Engineering Construction Engineering Construction Technology Structural Engineering Applied Mechanics Civil Engineering & Planning Civil Technology |
| | | Transportation Engineering | B.Tech/BE/B.Sc. Engg./AMIE in Civil Engineering Transportation Engineering Civil & Transportation Engineering Civil & Transportation Technology Highway Engineering Civil Engineering & Planning Civil Technology |
| | | Water Resources Engineering | B.Tech/BE/B.Sc. Engg./AMIE in Civil Engineering |

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| | | | <p>Agricultural Engineering Mechanical Engineering Chemical Engineering Civil Environmental Engineering Irrigation Engineering Water Management Applied Mechanics Civil Technology</p> |
| 4 | Ceramic Engineering | Industrial Ceramics | <p>B.Tech/BE/B.Sc. Engg./AMIE in</p> <p>Ceramic Engineering Ceramic & Glass Technology Ceramic Engineering & Technology Ceramic Technology Metallurgical & Materials Technology Metallurgical Engineering Metallurgical Engineering & Material Science Metallurgy Metallurgy and Material Technology Nanotechnology Industrial Metallurgy Material Science & Technology Materials & Metallurgical Engineering Mechanical Engineering (Design & Manufacturing) Chemical Technology Material Science & Engineering Material Science & Metallurgical Engineering Metallurgical & Materials Engineering Chemical Engineering Cement & Ceramic Technology Mechanical Engineering</p> |
| 5 | Computer Science & Engg. | Computer Science | <p>B.Tech/BE/B.Sc. Engg./AMIE in</p> <p>Computer Engineering & Application Computer Networking Computer Science & Systems Engineering Computer Science & Technology Computer Technology Information & Communication Technology Information Engineering Information Science Information Science & Engineering Information Science & Technology Information Technology and Engineering Software Engineering Computer Applications Computer Science Information Technology Computer Engineering Computer Science Computer Science & Engineering Computer Science & Information Technology</p> |

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| | | MCA Information Technology |
| | Information Security | B.Tech/BE/B.Sc. Engg./AMIE in Computer Engineering & Application Computer Networking Computer Science & Systems Engineering Computer Science & Technology Computer Technology Information & Communication Technology Information Engineering Information Science Information Science & Engineering Information Science & Technology Information Technology and Engineering Software Engineering Computer Applications Computer Science Information Technology Computer Engineering Computer Science Computer Science & Engineering Computer Science & Information Technology MCA Information Technology |
| | Software Engineering | B.Tech/BE/B.Sc. Engg./AMIE in Computer Engineering & Application Computer Networking Computer Science & Systems Engineering Computer Science & Technology Computer Technology Information & Communication Technology Information Engineering Information Science Information Science & Engineering Information Science & Technology Information Technology and Engineering Software Engineering Computer Applications Computer Science Information Technology Computer Engineering Computer Science Computer Science & Engineering Computer Science & Information Technology MCA Information Technology |

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| 6 | Electronics & Communication Engineering | Communication & Networks | B.Tech/BE/B.Sc. Engg./AMIE in Electronics & Communication Engineering Electronics & Electrical Communication Engineering Electronics & Telecom Engineering Electronics & Telematics Engineering Electronics Communication & Instrumentation Engineering Electronics Design Technology Electronics Engineering Electronics Technology Information & Communication Technology Advanced Communication and Information System Applied Electronics & Telecommunication Engineering Telecommunication Engineering Computer & Communication Engineering Electronics & Avionics Electronics & Computer Engineering Electronics & Instrumentation Engineering |
| | | VLSI Design & Embedded Systems | B.Tech/BE/B.Sc. Engg./AMIE in Electronics & Communication Engineering Electronics & Electrical Communication Engineering Electronics & Telecom Engineering Electronics & Telematics Engineering Electronics Communication & Instrumentation Engineering Electronics Design Technology Electronics Engineering Electronics Engineering (Design & Manufacturing) Applied Electronics & Instrumentation Engineering VLSI System Design Telecommunication Engineering Electronics & Information Systems Electronics & Instrumentation Engineering Electronics Technology Engineering Physics Electronics & Avionics Electronics & Computer Engineering Electronics & Control Systems Electronics & Electrical Engineering Digital Techniques for Design & Planning Electrical & Instrumentation Engineering Electrical & Electronics Engineering Electrical Engineering |
| | | Electronics & Instrumentation Engineering | B.Tech/BE/B.Sc. Engg./AMIE in Electronics & Communication Engineering Electronics & Electrical Communication Engineering Electronics & Telecom Engineering Electronics & Telematics Engineering Electronics Communication & Instrumentation Engineering Electronics Engineering |

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| | | | <p>Electronics Instrument & Control Electronics Technology Electronics & Control Systems Electronics & Electrical Engineering Electronics & Information Systems Electronics & Instrumentation Engineering Electrical Engineering & Industrial Control Electrical Instrumentation & Control Engineering Electronic Instrumentation & Control Engineering Electronics & Avionics Control & Instrumentation Electrical & Instrumentation Engineering Electrical & Electronics Engineering Electrical & Instrumentation Engineering Industrial Electronics Instrument Technology Instrumentation & Control Engineering Instrumentation & Process Control Instrumentation Engineering Instrumentation Technology Mechatronics Medical Electronics Medical Electronics Engineering Medical Instrumentation Applied Electronics & Instrumentation Engineering Biomedical Instrumentation</p> |
| | | Signal & Image Processing | <p>B.Tech/BE/B.Sc. Engg./AMIE in Electronics & Communication Engineering Electronics & Computer Engineering Electronics & Electrical Communication Engineering Electronics & Information Systems Electronics & Instrumentation Engineering Electronics & Telecom Engineering Electronics & Telematics Engineering Electronics Communication & Instrumentation Engineering Electronics Engineering Electronics Technology 3D Animation & Graphics Applied Electronics & Telecommunication Engineering Telecommunication Engineering</p> |
| 7 | Electrical Engineering | Electronic Systems & Communication | <p>B.Tech/BE/B.Sc. Engg./AMIE in Applied Electronics & Instrumentation Engineering Electronics & Instrumentation Engineering Electronics & Communication Engineering Electrical & Electronics Engineering Electrical Engineering</p> |
| | | Power Electronics & Drives | <p>B.Tech/BE/B.Sc. Engg./AMIE in Electrical Engineering</p> |

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| | | Electrical & Electronics Engineering | |
| | Control & Automation | B.Tech/BE/B.Sc. Engg./AMIE in Electrical Engineering Electrical & Electronics Engineering Electronics & Instrumentation Engineering Applied Electronics & Instrumentation Engineering Instrumentation & Control Engineering | |
| | Industrial Electronics | B.Tech/BE/B.Sc. Engg./AMIE in Electrical Engineering Electrical & Electronics Engineering Electronics & Instrumentation Engineering Instrumentation & Control Engineering | |
| 8 | Mechanical Engineering | Machine Design & Analysis | B.Tech/BE/B.Sc. Engg./AMIE in Mechanical Engineering Automobile Engineering Automation & Robotics Automotive Engineering Machine Tools Engineering Mechanical Engineering (Design & Manufacturing) Aeronautical Engineering |
| | | Production Engineering | B.Tech/BE/B.Sc. Engg./AMIE in Mechanical Engineering Production Engineering Manufacturing Engineering Industrial Engineering Metallurgical and Materials Engineering Manufacturing Engineering & Automation Manufacturing Process Manufacturing Process & Automation Engineering Manufacturing Technology Metallurgical & Materials Engineering Metallurgical & Materials Technology Metallurgical Engineering Metallurgical Engineering & Material Science Metallurgy Metallurgy and Material Technology |
| | | Thermal Engineering | B.Tech/BE/B.Sc. Engg./AMIE in Mechanical Engineering Chemical Engineering Aeronautical Engineering Aerospace Engineering |
| | | Cryogenics & Vacuum Technology | B.Tech/BE/B.Sc. Engg./AMIE in Mechanical Engineering Chemical Engineering Electrical Engineering |

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| 9 | Metallurgical & Materials Engineering | Metallurgical & Materials Engineering | B.Tech/BE/B.Sc. Engg./AMIE in Ceramic Engineering Chemical Engineering Industrial & Production Engineering Manufacturing Engineering Material Science & Engineering Mechanical Engineering Metallurgical & Materials Engineering Metallurgical & Materials Technology Metallurgical Engineering Metallurgical Engineering & Material Science Metallurgy Nanotechnology Production & Industrial Engineering Production Engineering Ceramic Engineering & Technology Chemical & Polymer Engineering Material Science & Metallurgical Engineering Materials & Metallurgical Engineering Fuel Technology Chemical Engineering (Plastic & Polymer) Material Science & Technology Industrial Metallurgy Metallurgy and Material Technology |
| | | Steel Technology | B.Tech/BE/B.Sc. Engg./AMIE in Ceramic Engineering Chemical Engineering Industrial & Production Engineering Manufacturing Engineering Material Science & Engineering Mechanical Engineering Metallurgical & Materials Engineering Metallurgical & Materials Technology Metallurgical Engineering Metallurgical Engineering & Material Science Metallurgy Nanotechnology Production & Industrial Engineering Production Engineering Ceramic Engineering & Technology Chemical & Polymer Engineering Material Science & Metallurgical Engineering Materials & Metallurgical Engineering Fuel Technology Chemical Engineering (Plastic & Polymer) Material Science & Technology Industrial Metallurgy Metallurgy and Material Technology |

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| 10 | Mining Engineering | Mining Engineering | B.Tech/BE/B.Sc. Engg./AMIE in Biotechnology Environmental Sciences Geography Geology Mineral Beneficiation Ore-dressing Bio-Sciences Earth Sciences Geoinformatics Geophysics Mineral dressing Operations Research Mineral Processing Biochemical Engineering Biotech Engineering Biotechnology Chemical Engineering Civil Engineering Civil Environmental Engineering Computer Engineering Computer Science Computer Science & Engineering Computer Science & Information Technology Electrical & Electronics Engineering Electrical & Instrumentation Engineering Electrical Engineering Electronics & Communication Engineering Electronics Engineering Energy Engineering Environmental Engineering Industrial & Production Engineering Information Technology Instrumentation Engineering Instrumentation Technology Marine Engineering Material Science & Engineering Mechanical Engineering Metallurgical & Materials Engineering Metallurgical & Materials Technology Metallurgical Engineering Metallurgical Engineering & Material Science Metallurgy Mineral Processing Mining & Machinery Engineering Mining Engineering Production Engineering Production Engineering & Management Water Management Bioengineering Biological Sciences & Bioengineering Biosciences & Bioengineering |
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| | | | Biotechnology & Biochemical Engineering Chemical Technology Civil Engineering & Planning Civil Technology Computer Science & Technology Electrical & Instrumentation Engineering Electrical Instrumentation & Control Engineering Electronic Instrumentation & Control Engineering Electronics & Computer Engineering Electronics & Electrical Communication Engineering Electronics & Electrical Engineering Electronics & Information Systems Electronics Communication & Instrumentation Engineering Electronics Instrument & Control Electronics Science & Engineering Energy Science & Engineering Engineering & Management Environment & Pollution Control Environmental Science & Engineering Fire Technology & Safety Geo Informatics Health Science & Water Engineering Industrial Biotechnology Industrial Electronics Information & Communication Technology Information Engineering Information Science Information Science & Engineering Instrument Technology Material Science & Metallurgical Engineering Materials & Metallurgical Engineering Mechanical & Automation Engineering Mine Engineering Mineral Dressing Mineral Engineering Fuel Technology Biochemical & Biotechnology Engineering Chemical & Bio Engineering Civil & Transportation Technology Electrical and Computer Engineering Electrical and Mechanical Engineering Electronics Technology Environmental Science & Technology Information Science & Technology Information Technology and Engineering Material Science & Technology Metallurgy and Material Technology Mining Technology |
| 11 | Industrial Design | Industrial Design | B.Tech/BE/B.Sc. Engg./AMIE in Automobile Engineering Electronics & Instrumentation Engineering Industrial Manufacturing Engineering Industrial & Production Engineering |

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| | | Industrial Engineering Industrial Engineering & Management Instrumentation & Control Engineering Instrumentation Engineering Instrumentation Technology Manufacturing Engineering Mechanical Engineering Mechatronics Production & Industrial Engineering Production Engineering Production Engineering & Management Advanced Manufacturing & Mechanical Systems Design Automation & Robotics Automotive Engineering Control & Instrumentation Electronics Instrument & Control Engineering Design Industrial & Management Engineering Industrial Electronics Industrial Management Instrument Technology Instrumentation & Process Control Machine Engineering Machine Tools Engineering Manufacturing Process Manufacturing Science & Engineering Mechanical & Automation Engineering Mechanical Engineering Automobile Precision Manufacturing Robotics & Automation Shipbuilding Engineering Tool Engineering Manufacturing Engineering & Automation Manufacturing Process & Automation Engineering Manufacturing Technology Mechanical Engineering (Design & Manufacturing) Mechanical Engineering (Repair and Maintenance) |
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