



**WALCHAND COLLEGE OF ENGINEERING, SANGLI**

( An Autonomous Institute )

**RULES FOR ADMISSION  
TO  
MASTER OF TECHNOLOGY  
AND  
THE PRESCRIBED *APPLICATION FORM*  
YEAR 2011-2012**

**Price: Rs. 500-00 for Reserve Category candidates  
Rs. 700-00 for Open candidate**

**These rules are as per G.R. No. TEM 2011/(64/2011)/TE-4 dated 10<sup>th</sup> May 2011 issued by the Higher and Technical Education Department, Mantralaya Annexe, Mumbai-400 032**

# WALCHAND COLLEGE OF ENGINEERING, SANGLI

( An Autonomous Institute )

## RULES FOR ADMISSION TO M. TECH. PROGRAM

### 1 GENERAL: Courses and Intake

The following TWO years M. Tech. programs are conducted at the college

M. Tech. Program	Sanctioned Intake	GATE* Category	Sponsored seats
Civil (Structural Engineering)	12	7	5
Civil (Environmental Engineering)	12	7	5
Mechanical (Heat Power Engineering)	12	7	5
Mechanical (Design Engineering)	12	7	5
Mechanical (Production Engineering)	18	13	5
Electrical (Power system)	12	7	5
Electrical (Control system)	12	7	5
Electronics Engineering	18	13	5
Computer science and Engineering	18	13	5

Candidate must submit separate original application form with fee (Not a Xerox copy) for each program of interest out of the above list.

*\*NOTE: - Valid GATE score means it must satisfy two conditions: One is valid time period and qualifying marks. Both of these conditions should be satisfied to apply for admission to M. Tech. The qualifying score is the minimum mark that needs to be secured to become eligible for availing assistantships provided by AICTE/MHRD/GOI from time to time.*

### 2 COMPETENT AUTHORITY FOR ADMISSIONS

The Director, Walchand College of Engineering, Sangli shall be the competent authority for granting admissions to Post Graduate courses in the institute.

### 3 ADMISSIONS OF SPONSORED CATEGORY CANDIDATES

**3.1 Seats Available:** Five seats in each specialization of technology.

**3.2 Eligibility for Admission:**

Candidate should be an Indian National and who possess bachelors degree or equivalent in the relevant field of Engineering/Technology, specified by the concerned University for admission to a particular post graduate course from an

AICTE approved institutions, with at least 50% marks (at least 45% marks in case of candidates of Backward class categories belonging to Maharashtra State only).

**and**

The candidates must have minimum of two years of full time work experience in a sponsoring registered firm/company/industry/educational and/ or research institute/ any Government Department or Government Autonomous Organization in the relevant field in which admission is being sought.

**NOTE:**

- Only those candidates who at the time of admission are employed in a registered firm/company/industry/educational and/ or research institute/any Government Department or Government Autonomous Organization in the relevant field will be eligible for claiming seats against sponsored category.
- A letter from the employer must be furnished stating that the candidate is being sponsored to seek admission to the post graduate degree program. The employer should also indicate that the candidate will not be withdrawn midway till the completion of the course. The candidate will be fully under the administrative control of the Institute for the entire period of the course.
- Format for the sponsorship certificate is given in application form which is mandatory for the candidate claiming the seat under sponsored category. Change in the format may lead to disqualification.

**3.3 Reserved Seats:** No reservation is provided in the sponsored category.

**3.4 Admission Procedure:** Admission to Sponsored candidates shall be given in following order:

*1. Round 1-A:*

Candidates will be admitted on the basis of valid GATE score.

The seats remaining vacant at the end of Round 1-A shall be filled in Round 1-B

*2. Round 1-B:*

The Written Test and Interview/viva-voce shall be conducted by a panel of three teachers in the branch. The syllabus for the Written Test shall be as per Annexure-A. Candidates will be admitted on the basis of Total Performance (Written Test + Interview / Viva-voce) conducted by the Competent Authority. Candidates should appear for both Written Test and Interview / Viva-voce and secure minimum 40 marks out of 100 in Total Performance calculated as follows:

Written Test	Maximum 70 marks
Interview / Viva-voce	Maximum 30 marks
Total Performance	100 Marks

If the total performance of the candidates is comparable, then the preference shall be given for admission to the candidates on the basis of total marks in qualifying degree examination (i.e. B.E./B. Tech.)

The date and time of the Written Test and the admission schedule is available on the WCE website; [www.walchandsangli.ac.in](http://www.walchandsangli.ac.in).

The seats remaining vacant (if any) in Sponsored category at the end of Round 1-B shall be offered to Non-Sponsored candidates in next Round (i.e. Round-2).

**3.5 Stipend/Scholarships:** Sponsored candidates will not be eligible for any stipend/scholarship.

#### **4 ADMISSION OF GATE QUALIFIED NON-SPONSORED CATEGORY CANDIDATES.**

**4.1 Seats Available:** Sanctioned intake as per AICTE in each specialization of Technology – (*minus*) Sponsored category seats filled in Round 1-A and Round 1-B.

**4.2 Eligibility:** Candidate should be an Indian National and who possess Bachelors degree or equivalent in the relevant field of Engineering/Technology, specified by the concerned University for admission to a particular Post graduate course from an AICTE approved institutions, with at least 50% marks (at least 45% marks in case of candidates of Backward class categories belonging to Maharashtra State only)

**And**

Candidate should have a valid GATE score in relevant branch of Engineering / Technology.

**4.3 Reserved Seats:** Reservations shall be followed as given below:

**4.3.1 Reservation for Physically handicapped Candidates:** As per the provisions in Clause 39 of Equal Opportunities, Protection of Rights and Full Participation Act, 1995, three (3%) per cent seats of total sanctioned intake capacity of each PG program excluding seats filled by Sponsored candidates shall be reserved for physically handicapped candidates. These seats shall be within the sanctioned intake of the institute and reserved only for Maharashtra State domiciled candidates.

Out of the three percent reservation for physically handicapped candidates:

- PH-1 : Visually impaired (blind) candidates (P1)
- PH-2 : Speech & hearing impaired (dumb and deaf ) candidates, (P2)
- PH-3: Candidates with orthopedic disorders and learning disabilities, Dyslexia, Dyscalculia, Dysgraphica, Spastic (P3).

Following additional Certificates are required for physically handicapped Candidates:

*The candidate shall produce a certificate, in the prescribed Proforma-F, from the Director, All India Institute of Physically Handicapped, Mumbai or Dean/Civil Surgeon of the Government / CIVIL HOSPITALS normally located at the District Headquarters, regarding his or her physical disability, and ability to undergo all parts of syllabus for the normal course. Candidates suffering from Dyslexia, Dysgraphica & Dyscalculia are required to produce certificate (Proforma-F1) issued by the 'Learning Disability Clinic, Lokmanya Tilak Municipal General Hospital, Sion, Mumbai-22'.*

**4.3.2 Reservation for Backward Class category Candidates:**

The percentage of seats reserved for candidates of backward class categories belonging to Maharashtra State only is as per the details in table given below.

The percentages of reservation are the percentages of the seats available for GATE qualified Non-sponsored category candidates. These are the minimum percentages of reservation exclusive of the backward class candidates securing allotment through General Merit by virtue of merit. Backward class candidates shall claim the category to which they belong to at the time of submission of application form for Admission.

<b>Sr. No.</b>	<b>Category of Reservation</b>	<b>Percentage of Reservation</b>
<b>1</b>	Scheduled Castes and Schedule caste converts to Buddhism ( <b>SC</b> )	<b>13%</b>
<b>2</b>	Schedule Tribes ( <b>ST</b> )	<b>7%</b>
<b>3</b>	Vimukta Jati ( <b>VJ</b> )/De notified Tribes( <b>DT</b> ) ( <b>NT-A</b> )	<b>11%</b>
<b>4</b>	Nomadic Tribes 1 ( <b>NT-B</b> )	
<b>5</b>	Nomadic Tribes 2 ( <b>NT-C</b> )	
<b>6</b>	Nomadic Tribes 3 ( <b>NT-D</b> )	
<b>7</b>	Other Backward Classes ( <b>OBC</b> )	<b>19%</b>
	<b>Total</b>	<b>50%</b>

**Note:**

1. Director, WCE shall be final authority for seat distribution.
2. A combined merit list shall be prepared for the candidates belonging to VJ/DT/NT-A, NT-B, NT-C and NT-D. This combined merit list shall be used for admission.
3. Candidates belonging to Special Backward Class (SBC) may be offered reservation up to 2% seats of sanctioned intake capacity of each PG specialization excluding seats filled by Sponsored candidates subject to condition that any seats remain vacant in the reserved category after admitting reserved category candidates.
4. Even if the candidate belonging to Backward Class Category secures admission against a seat belonging to the General category by virtue of merit, such candidate has to produce all the necessary documents in support of the category claimed both at the time of admission and while filling up of the admission form.
5. All the candidates will be required to produce a Nationality Certificate.
6. Candidates claiming to belong to backward class will be required to produce a certificate to that effect from appropriate authority in addition to Nationality Certificate. Candidates belonging to categories SC, ST, OBC, SBC, VJ/DT/NT(A), NT(B), NT(C) and NT(D) will be required to produce a Caste Certificate, Caste/Tribe Validity Certificate and valid Non-Creamy layer certificate (if applicable).

**Nationality Certificate:-** The Certificate of Indian Nationality is a part of the Domicile Certificate, which is usually issued by the Tahshildar/Executive Magistrate/Dy. Collector of the concerned District/Taluka. In lieu of this "Certificate of Indian Nationality" following Certificates/Documents will also be acceptable-

- Indian Passport in the name of the Candidate, issued by appropriate authorities. The School Leaving Certificate indicating the Nationality of the Candidate as 'Indian'.
- Birth Certificate of the Candidate indicating the Place of birth of the Candidate is within India.
- If the Indian Resident Candidate fails to produce any one of the above mentioned certificate/documents indicating Nationality then such candidates Nationality shall be considered based on the undertaking given in Proforma - I on Rs. 100, Non-Judicial Stamp Paper at the time of submission of Application form for admission.

**Caste Validity Certificate:-**Candidates belonging to SC, ST, VJ/DT NT (A), NT (B), NT(C), SBC and OBC category are required to produce Caste Validity Certificate at the time of filling of the application form. However such candidates who are unable to produce the caste validity certificate may produce the same on or before 30<sup>th</sup> November 2011. If a candidate fails to submit the required Caste Validity Certificate upto 30<sup>th</sup> November 2011 then such candidate shall not be eligible for taking benefits of respective category, if any. If the Candidates are not able to submit the caste/Tribe Validity Certificate then they are required to submit the Undertaking in Proforma - H at the time of submission of application form for the Admission.

**Non-Creamy Layer Certificate:-**A candidate belonging to 'Creamy Layer' amongst the categories SBC, V.J./D.T./N.T.(A), N.T.(B), N.T.(C), N.T.(D) and O.B.C. must note that the provision of reservation is NOT applicable to him/her. A candidate claiming benefit of reservation under the categories SBC, V.J./N.T.(A), N.T.(B), N.T.(C), N.T.(D) and O.B.C. will be required to produce "Non-Creamy Layer Certificate" in the name of the candidate as specified in the Government Resolution No. CBC/10/2008/CR-697/BCW-5, dated 27<sup>th</sup> February 2009 or its updated versions from time to time. The certificate must be valid upto 31<sup>st</sup> March 2012.

#### **4.4 Admission Procedure**

Admissions will be effected according to Merit-List prepared on the basis of valid GATE score in the respective branch only.

##### **4.4.1 Rounds of Admission for GATE qualified Non-Sponsored Candidates:**

There shall be only one round (i.e. Round-2) of admission for GATE qualified Non-Sponsored Candidates to PG programs in Engineering / Technology.

##### **4.4.2 Logic for admission for Round-2:**

###### **Round - 2-A:**

**(For All the Candidates including all the Backward category and Physically handicapped (PH) candidates)**

**Eligible candidates:** All the candidates of all the categories (General/ Backward/ PH) as per merit list will be considered for admission as per their inter se merit.

###### **General notes:**

- Backward class category candidates shall be admitted in General category by virtue of their merit OR in their respective category of reservation, if General category seats are not available as per their merit.

- SBC category candidates shall be admitted in General category by virtue of their merit OR in their original category of reservation, if General category seats are not available as per their merit.
- PH category candidates shall be admitted in PH category OR in General category by virtue of their merit as per following order.
  1. Seats reserved for PH category
  2. The seats in General category.

**Round - 2 -B:**

**(For Special Backward Class (SBC) category candidates)**

**Eligible candidates:** All candidates belonging to Special Backward class as per their inter se merit.

**Seats available:** On completion of Round - 2-A, if any of the Backward class categories do not get the required number of candidates for the percentages laid down, the seats so remaining vacant shall be filled in from amongst all the candidates of Special Backward Class (SBC) category, as per their inter se merit, limited to the extent of Two percent seats of sanctioned intake of each specialization of Engg / Technology.

**Round - 2-C:**

**(For respective Group 1, and 2 of Backward class category candidates)**

**Eligible candidates:** All Backward class category candidates as per merit list as per their group inter se merit.

**Seats available:** On completion of Round - 2-B, the seats remaining vacant in the respective group of backward class categories as mentioned below shall be offered to candidates from the respective group with reference to their inter se merit, for each of the group.

**Group 1:**

- I. Scheduled Castes and Scheduled Castes converts to Buddhism (SC)
- II. Scheduled Tribes including those living outside the specified areas (ST)

**Group 2:**

- I. VJ/DT/NT(A), NT(B), NT(C) and NT(D)
- II. OBC

**Round - 2-D:**

**(For All Backward Class Category Candidates)**

**Eligible candidates:** All Backward category candidates as per the inter se merit.

**Seats available:** The seats remaining vacant in backward class categories after completion of Round - 2-C, shall be made available to the candidates of all the backward class categories together on the basis of the inter se merit.

**Round - 2-E:**

**(All the candidates including Backward class candidates as per General Merit)**

**Eligible candidates:** All the candidates (General/ Backward) of all the categories as per their General inter se merit.

**Seats available:** After completion of Round - 2-D, the seats remaining vacant in Reserved categories / General (if any), shall be filled with reference to inter se merit of all the candidates together.

**General Note:**

If a candidate is unable to produce original certificates at the time of his/ her admission on account of admission already secured to some other institution, he/ she shall **produce a certificate from the Head of the Institution** where he/ she has already taken admission indicating that he/ she has been admitted to a particular course in that institution on a particular date and hence original certificates have been retained in that institution. The candidate shall produce the attested copies of the certificates duly attested by the Head of the concerned institution. Such candidates shall be required to pay the fees immediately at the time of admission and such candidates shall **be permitted to submit the required original certificates within four working days at the respective Institute where the Candidate has been admitted after the date of payment of fees.**

#### **4.5 Stipend/Scholarships:**

A limited number of scholarships are available for each course at some Institutes from AICTE funds. These scholarships will be offered to the GATE qualified candidates only, strictly on the basis of GATE score MERIT and continue to receive the same, provided they fulfill the conditions prescribed by AICTE/Institute, from time to time For receiving Post Graduate scholarship a candidate must have qualified in GATE. However, a GATE qualified candidates does not automatically become eligible to receive a scholarship.

### **5.0 Admission of Non-GATE and Non-sponsored category candidates**

**5.1 Seats Available:** When enough GATE qualified candidates in the respective branch are not available, the vacant seats shall be offered to the non-GATE candidates, as per merit, on the basis of Total Performance# (Written Test + Interview / Viva-voce) conducted by Competent Authority.

**5.2 Eligibility:**

Candidate should be an Indian National and who possess Bachelors degree or equivalent in the relevant field of Engineering/Technology, specified by the concerned University for admission to a particular Post graduate course from an AICTE approved institutions, with at least 50% marks (at least 45% marks in case of candidates of Backward class categories belonging to Maharashtra State only)

**And**

Candidate should have minimum 40% marks in Total Performance (i.e. Written Test + Interview / Viva-voce) conducted by Competent Authority.

**5.3 Reserved Seats:**

No reservation is provided in Non-GATE and Non-sponsored category.

**5.4 Admission Procedure:**



The Written Test and the Interview/viva-voce shall be conducted by a panel of 03 teachers in the branch. The syllabus for the Written Test shall be as per Annexure-A. Candidates will be admitted on the basis of Total Performance# (Written Test + Interview / Viva-voce) conducted by Competent Authority.

# Candidates should appear for both Written Test and Interview / Viva-voce and secure minimum 40 marks out of 100 in Total Performance calculated as follows:

Written Test	Maximum 70 marks
Interview / Viva-voce	Maximum 30 marks
Total Performance	100 Marks

If the total performance of the candidates are comparable, then the preference shall be given for admission to the candidates on the basis of total marks in qualifying degree examination (i.e. B.E./B.Tech.)

The date and time of the Written Test and the admission schedule is available on the WCE website; [www.walchandsangli.ac.in](http://www.walchandsangli.ac.in).

#### **5.5 Stipend/Scholarships:**

Non-GATE and Non-sponsored category candidates will not be eligible for any stipend/scholarship.

#### **General Note:-**

*Additional round may be conducted if required. However GATE qualified candidates shall be given preference over other candidates. Schedule will be displayed on the website of the Institute.*

## **6 Admission Schedule:**

The date and time of entrance test, interview and admission programme will be notified by the Institute.

## **7 Post Graduate Scholarships:**

- All the students who have qualified through GATE and admitted to M Tech programme, will be awarded PG Scholarship at the rate of Rs. 8000/- per month (or at the rate as revised by AICTE), provided that they fulfill the conditions prescribed by AICTE from time to time. However, the disbursement of scholarship amount shall depend upon the availability of funds from AICTE.
- All the candidates admitted to M Tech programme under **Non-GATE** and **Sponsored** category will not be eligible for any scholarship or financial assistance.
- Two fellowships for M. Tech. Civil (Environmental Engg.) are offered by MPCB through an MoU between MPCB and WCE from 2011-12 for deserving candidates purely on merit basis. The fellowship will include scholarship of Rs. 15,000 per month, tuition fees of Rs. 50,000 per year and research grant of Rs 50,000 per year for the tenure of M. Tech. Program

## 8 Fees Structure:

The fees structure for M Tech programme 2011-12 will be as given below.

### First Year (M. Tech. Programmes): Fees: (Per Year) (Likely to be revised)

Category	Tuition fees Rs	Contingency charges Rs	Development fees Rs	Other fees Rs	Total Fee Rs
Normal intake-GATE candidates	15000	5000	12500	10000	<b>42500</b>
Non sponsored candidates	15000	5000	12500	10000	<b>42500</b>
Sponsored candidate	15000	10000	12500	10000	<b>47500</b>

### Other fees

M. Tech. Program	Civil	Mechanical	Electrical	Electronics	Computer Science
Exam Fee Rs.	2450	2450	2450	2150	2150
Hostel Fee Rs.	7000	7000	7000	7000	7000
Security and Wi-Fi Rs.	1000	1000	1000	1000	1000
Hostel deposit Rs.	1000	1000	1000	1000	1000
Caution deposit Rs.	500	500	500	500	500
Registration, Eligibility of Shivaji University (aprx.) Rs.	1500	1500	1500	1500	1500
<b>Total Rs.</b>	<b>13450</b>	<b>13450</b>	<b>13450</b>	<b>13150</b>	<b>13150</b>

Entire fees per year are to be paid in only one installment on the day of admission.

## 9 Cancellation of Admission and Refund of Fees.

Fees paid by the candidate shall be refunded to him after deducting cancellation charges of Rs. 1000/- (Rs One Thousand only) if the seat is cancelled before cut-off date of admission. If the seat is cancelled after cut-off date of admission, proportionate fees will be deducted, if the vacant seats created due to cancellation are filled. If the vacant seat created due to cancellation is not filled, no refund shall be made. Cut-off date for M. Tech. Admission shall be decided by Directorate of Technical Education from time to time.

## 10 Undertakings:

If the admission is offered to the M Tech programme the candidate will have to give following undertakings.

### **10.1 FOR CANDIDATES WHOSE QUALIFYING EXAMINATION RESULTS NOT DECLARED**

I understand that I have been admitted to the M Tech programme in ..... Engineering with specialization in....., on provisional basis and my admission will be confirmed only after producing my passing certificate and the mark sheet of qualifying degree examination from the concerned University on or before Cut-off date.

Place  
Date: Signature of the Candidate  
Name of the Candidate

### **10.2 FOR GATE CANDIDATES**

I understand that I have been admitted to the M Tech programme in..... Engineering with specialization in....., and I am eligible to get AICTE PG scholarship. However, due to non-receipt of grants from AICTE, if the disbursement of the scholarship is delayed, I will not hold the Institute responsible for the same. I also understand that I will have to put in Teaching Assistantship of 8 to 10 hours per week as per the AICTE norms. I further understand that I shall not be permitted to leave the programme midway and during the entire tenure of this programme. I shall not be permitted to appear in any competitive examination other than engineering or technology. In case of the default, I know that I shall have to refund the entire amount of scholarship received by me and this may even lead to the cancellation of my registration.

Place  
Date: Signature of the Candidate  
Name of the Candidate

### **10.3 FOR SPONSORED CANDIDATES**

I understand that I have been admitted to the M Tech programme in ..... Engineering with specialization in ..... , and I am prepared to undergo this programme and bear all the expenses including the prescribed fees and those related to project work and dissertation. I further understand that I shall not be permitted to leave the programme midway and during the entire tenure of this programme. I shall not be permitted to appear in any competitive examination other than engineering or technology. In case of the default, I know that my registration can also be cancelled.

Place  
Date: Signature of the Candidate  
Name of the Candidate

## **11 CONDUCT AND DISCIPLINE:**

- Candidate admitted to these courses if found indulging in any activities contrary to the rules formed in this behalf by the college, university/Govt. is liable to be expelled from the college without any notice by the Director.

- If any statement made in application from or any information supplied by the candidate in connection with the admission, is later on at any time, found to be false or incorrect, his/her admission will be cancelled and he may be expelled from the college by the Director and prosecuted, if deemed necessary. An appeal against the order of expulsion, however, may be referred to the Joint Director of Technical Education of respective region whose decision in such cases will be final and binding on all concerned.

• **Action against ragging: Maharashtra Prohibition of Ragging Act 1999 and Prevention and Prohibition of Ragging (Appendix 12 published in AICTE Approval Process Handbook 2011-12) and their amendments which may be published from time to time. The Maharashtra Prohibition of Ragging Act 1999 is in effect from 15th May, 1999 has the following provisions for Action against Ragging.**

- a. Ragging within or outside of any educational institution is prohibited.
- b. Whosoever directly or indirectly commits, participates in, abets, or propagates ragging within or outside any educational institution shall, on conviction, be punished with imprisonment for a term up to 2 years and / or penalty which may extend to ten thousand rupees.
- c. Any student convicted of an offence of ragging shall be dismissed from the educational institution for a period of five years from the date of order of such dismissal.
- d. Whenever any student or, as the case may be, the parent or guardian or a teacher of an educational institution complains, in writing, of ragging to the head of the educational institution, the head of the educational institution shall, without prejudice to the foregoing provisions, within seven days of the receipt of the complaint, enquire into the matter mentioned in the complaint and if, prima facie, it is found true, suspend the student who is accused of the offence, and shall, immediately forward the complaint to the police station having jurisdiction over the area in which the educational institution is situated, for further action. Where, on enquiry by the head of the educational institution, it is found that there is no substance, prima facie, in the complaint received, he/she shall intimate the fact, in writing, to the complaint, The decision of the head of the educational institution shall be final.

If the head of the educational institution fails or neglects to act in the manner specified in section “d” above when a complaint of ragging is made, such person shall be deemed to have abetted the offence and shall, on conviction, be punished as provided for in section “b” above.

**Any Acts or its amendments which may be published from time to time by AICTE, Government or Judgments by Hon. Supreme Court of India, Hon. High Court of Bombay etc will be applicable to Candidates and Institutions covered under these rules of admission.**

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• **All candidates for admission to post graduate program in Engineering/Technology are required to give the following undertaking :-**

- a) I have read all the Rules of Admission for the current year and after understanding these rules, I have filled-in this form of application for admission for the current year.
  - b) The information given by me in my application is true to the best of my knowledge and belief.
  - c) I have not been debarred from appearing at any examination held by any Government constituted or Statutory Examination Authority in India.
  - d) I fully understand that the offer of a course or branch of engineering will be made to me depending on merit inter-se and availability of a seat at the time of scrutiny of my application, when I report to the admission authority according to the schedule of admission.
  - e) I understand that no other document, other than those attached to the application form before the last date of admission will be entertained for the purpose of claims/concessions etc. in connection with my admission.
  - f) I understand that no refund of fees shall be made if I cancel the admission after commencement of the classes and if the seat due to cancellation is not filled.
  - g) I hereby agree to confirm to any rules, acts and laws enforced by Government including Anti-Ragging Act and I hereby undertake that so long as I am a student of the institute, I will do nothing either inside or outside the institute, which may result in disciplinary action against me under the rules, acts and laws.
  - h) I fully understand that the Principal / Director of the institute where I would be admitted, will have right to expel/rusticate me from the institute for any infringement of the Rules of conduct and discipline prescribed by the institute/university (if any)
  - i) I understand that the Post-Graduate program in Engineering/Technology being a full time 2 year program, I shall not pursue any other educational degree program / and not involve in any form of employment during the tenure of this program, failing which my admission stands cancelled.
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12 The candidate will not be permitted to appear for examination if after admission he/she does not put in satisfactory attendance at all theory and practical classes and does not complete the prescribed term work / project work to the satisfaction of the subject teacher.

13 Hostel: Limited hostel accommodation and mess facilities are available.

- 14 The application form can be downloaded from the college website [www.walchandsangli.ac.in](http://www.walchandsangli.ac.in). The form must be submitted (hard copy) with a D.D. of Rs.700/- for open category and D.D. of Rs 500 for reserve category candidate. D.D. must be drawn in favors of **“Director, Walchand College of Engineering, Sangli”** on any nationalized bank payable at Sangli.
- 15 The last date for receiving completed applications form together with necessary enclosures is 4<sup>th</sup> July 2011.
- 16 The entrance test for sponsored and non-GATE applicant will be held on 7<sup>th</sup> July 2011 in the respective department. The interviews of sponsored and non-GATE candidate will be conducted on 8<sup>th</sup> July 2011 in respective department at 10.00 a.m. and merit list will be announced.
- 17 All eligible candidates should report to the concern departments on 11<sup>th</sup> July 2011 sharp at 10.00 a.m. Admission will be offered as per merit list on the same day according to the availability of seats.  
Candidate in the merit list, who reports late on this date, will only be considered for admission, subject to the availability of vacancy at that time.

**Time table for the tests to be conducted for various disciplines:  
(Non-GATE sponsored & Non-GATE non-sponsored category candidates only)**

Department	Date	Time
Civil (Environmental Engineering)	7 <sup>th</sup> July 2011	1:15 p.m.
Civil (Structural Engineering)	7 <sup>th</sup> July 2011	11:00 a.m.
Mechanical (Heat Power Engineering)	7 <sup>th</sup> July 2011	11:00 a.m.
Mechanical (Design Engineering)	7 <sup>th</sup> July 2011	11:00 a.m.
Mechanical (Production Engineering)	7 <sup>th</sup> July 2011	11:00 a.m.
Electrical Engineering (Power Systems)	7 <sup>th</sup> July 2011	1:15 p.m.
Electrical Engineering (Control Systems)	7 <sup>th</sup> July 2011	1:15 p.m.
Electronics Engineering	7 <sup>th</sup> July 2011	11:00 a.m.
Computer science and Engineering	7 <sup>th</sup> July 2011	3:30 p.m.

18. GATE card must be produced in the original at the time of admission. The candidate whose results are yet to be declared will be held eligible subject to the condition that they will produce the results on or before Cut-off date.

**The candidates will have to bring all the certificates including B.E/ B.Tech. Mark list, leaving certificates, migration certificates if applicable, cast and cast validity certificate and passing certificates in original at the time of admission.**

19. Any change in the rules / procedure as may be made by Govt. of India/ Govt. of Maharashtra / Shivaji University / College authorities regarding the admission to the College will be applicable as and when it is announced.
20. P.G. Academic rules and regulations can be downloaded from our website [www.walchandsangli.ac.in](http://www.walchandsangli.ac.in)

**IMPORTANT DATES:**

<b>Admission schedule</b>	
Last date of submission of application	4 <sup>th</sup> July 2011
<b>Admission Round-I</b>	
Written Test of Sponsored and Non-GATE candidate	7 <sup>th</sup> July 2011
Interviews of Sponsored and Non-GATE candidate	8 <sup>th</sup> July 2011
Admission of sponsored candidates	11 <sup>th</sup> July 2011
Admission of GATE and non-GATE candidates	11 <sup>th</sup> July 2011
Commencement of the PG classes	12 <sup>th</sup> July 2011
<b>Admission Round -II</b>	
Display of vacancy position	22 <sup>nd</sup> July 2011
Admission of GATE and non-GATE candidates	25 <sup>th</sup> July 2011
<b>Admission Round -III</b>	
Display of vacancy position	6 <sup>th</sup> August 2011
Admission of GATE and non-GATE candidates	8 <sup>th</sup> August 2011

**Contact phone numbers of respective departments for the detailed information**

S.N.	Name of Department	Phone Number (0233)	Head of Department
1	Civil Engineering	2300330	Dr. K. S. Wagh
2	Applied Mechanics	2300714	Dr. S. N. Tande
3	Mechanical Engineering	2300716	Dr. S. P. Chavan
4	Electrical Engineering	2300933	Mr. S. S. Vanamane
5	Electronics Engineering	2304470	Dr. Mrs. S. S. Deshpande
6	Computer Science & Engg.	2301327	Dr. B.F. Momin

**SPONSORSHIP CERTIFICATE FROM EMPLOYING ORGANIZATION**

(On the letter head of the organization with registration number)

This application of \_\_\_\_\_

\_\_\_\_\_  
( Name and Address)

Working as \_\_\_\_\_ in the pay scale of  
(Designation)

Rs. \_\_\_\_\_ since \_\_\_\_\_ in our organization  
is herewith recommended and sponsored by us. He/She will be granted study leave with  
full pay and allowance for admission to the M. Tech. degree course (Regular) for two  
years at Walchand college of Engineering Sangli.

If he/she is selected, he/she will be permitted to join the course from the date of  
commencement of the programme i.e. 12<sup>th</sup> July 2011.

Date:  
Postal address of  
Organization

Sponsoring Authority  
with signature & seal



## **Annexure-A**

### **SYLLABUS FOR ENTRANCE EXAMINATION**

#### **M. TECH. CIVIL (STRUCTURES)**

1. Static and kinematics indeterminacy, equations of equilibrium, compatibility equations. Virtual work method to determine reactive forces in compound determinate beams.
2. Slopes and deflections by Macaulay's method, moment area method, conjugate beam method, energy methods- Castiglano's theorems.
3. Analysis of Indeterminate Structures: Slope deflection method, Moment distribution method and Energy method.
4. Influence lines for determinate structures
5. Matrix methods: Flexibility and Stiffness Methods.
6. Design of steel structures: Roof trusses, Beams, Columns and Column bases
6. Design of R. C. Structures: Design of slab, beam, column and footing by Working stress and Limit state method.
8. Pre-stressed concrete: stress concept, strength concept, load balancing concept and losses in pre-stressing.

#### **M. TECH. CIVIL (ENVIRONMENTAL ENGINEERING)**

1. Water requirements: Quality standards, basic unit processes and operations for water treatment. Drinking water standards, water requirements, distribution of water.
2. Sewage treatment and sewerage system, quantity and characteristics of wastewater, Primary, and secondary treatment of wastewater, sludge disposal, effluent standards.
3. Air Pollution: Types of pollutants, their sources and impacts, air pollution meteorology, air pollution control, air quality standards and limits.
4. Municipal Solid Wastes: Characteristics, generation, collection and transportation of solid wastes, engineered systems for solid waste management (reuse/recycle, energy recovery, treatment and disposal).
5. Noise Pollution: Impacts of noise, permissible limits of noise pollution, measurement of noise and control of noise pollution.

## M. TECH. MECHANICAL (DESIGN, HEAT POWER AND PRODUCTION)

### DESIGN ENGINEERING

1. **Engineering Mechanics:** Free body diagrams and equilibrium; trusses and frames; virtual work; kinematics and dynamics of particles and of rigid bodies in plane motion, including impulse and momentum (linear and angular) and energy formulations; impact.
2. **Strength of Materials:** Stress and strain, stress-strain relationship and elastic constants, Mohr's circle for plane stress and plane strain, thin cylinders; shear force and bending moment diagrams; bending and shear stresses; deflection of beams; torsion of circular shafts; Euler's theory of columns; strain energy methods; thermal stresses.
3. **Theory of Machines:** Displacement, velocity and acceleration analysis of plane mechanisms; dynamic analysis of slider-crank mechanism; gear trains; flywheels.
4. **Vibrations:** Free and forced vibration of single degree of freedom systems; effect of damping; vibration isolation; resonance, critical speeds of shafts.
5. **Design:** Design for static and dynamic loading; failure theories; fatigue strength and the S-N diagram; *principles* of the design of machine elements such as bolted, riveted and welded joints, shafts, spur gears, rolling and sliding contact bearings, brakes and clutches.

### HEAT POWER ENGINEERING

1. **Fluid Mechanics:** Fluid properties; fluid statics, manometry, buoyancy; control-volume analysis of mass, momentum and energy; fluid acceleration; differential equations of continuity and momentum; Bernoulli's equation; viscous flow of incompressible fluids; boundary layer; elementary turbulent flow; flow through pipes, head losses in pipes, bends etc.
2. **Heat-Transfer:** Modes of heat transfer; one dimensional heat conduction, resistance concept, electrical analogy, unsteady heat conduction, fins; dimensionless parameters in free and forced convective heat transfer, various correlations for heat transfer in flow over flat plates and through pipes; thermal boundary layer; effect of turbulence; radiative heat transfer, black and grey surfaces, shape factors, network analysis; heat exchanger performance, LMTD and NTU methods.
3. **Thermodynamics:** Zeroth, First and Second laws of thermodynamics; thermodynamic system and processes; Carnot cycle, irreversibility and availability; behavior of ideal and real gases, properties of pure substances, calculation of work and heat in ideal processes; analysis of thermodynamic cycles related to energy conversion.
4. **Applications:** *Power Engineering:* Steam Tables, Rankine, Brayton cycles with regeneration and reheat. *I.C. Engines:* air-standard Otto, Diesel cycles. *Refrigeration and air-conditioning:* Vapour refrigeration cycle, heat pumps, gas refrigeration, Reverse Brayton cycle; moist air: psychrometric chart, basic psychrometric processes. *Turbomachinery:* Pelton-wheel, Francis and Kaplan turbines - impulse and reaction principles, velocity diagrams.

### PRODUCTION ENGINEERING

1. **Engineering Materials:** Structure and properties of engineering materials, heat treatment, stress-strain diagrams for engineering materials.
2. **Metal Casting:** Design of patterns, moulds and cores; solidification and cooling; riser and gating design, design considerations.
3. **Forming:** Plastic deformation and yield criteria; fundamentals of hot and cold working processes; load estimation for bulk (forging, rolling, extrusion, drawing) and sheet (shearing, deep drawing, bending) metal forming processes; principles of powder metallurgy.

4. **Joining:** Physics of welding, brazing and soldering; adhesive bonding; design considerations in welding.
5. **Machining and Machine Tool Operations:** Mechanics of machining, single and multi-point cutting tools, tool geometry and materials, tool life and wear; economics of machining; principles of non-traditional machining processes; principles of work holding, principles of design of jigs and fixtures
6. **Metrology and Inspection:** Limits, fits and tolerances; linear and angular measurements; comparators; gauge design; interferometry; form and finish measurement; alignment and testing methods; tolerance analysis in manufacturing and assembly.
7. **Computer Integrated Manufacturing:** Basic concepts of CAD/CAM and their integration tools.
8. **Production Planning and Control:** Forecasting models, aggregate production planning, scheduling, materials requirement planning.
9. **Inventory Control:** Deterministic and probabilistic models; safety stock inventory control systems.
10. **Operations Research:** Linear programming, simplex and duplex method, transportation, assignment, network flow models, simple queuing models, PERT and CPM.

*Note: Question paper will be consisting of two questions from each specialization. Total four questions have to be solved. One question from each specialization is compulsory.*

## M. TECH. ELECTRICAL ENGG. (POWER SYSTEM, CONTROL SYSTEM)

1) **Analog and Digital Electronics:** Simple active filters, combinational and sequential logic circuits, VCOs and timers, multiplexer, Schmitt trigger, hold and sample circuits, multi-vibrators, D/A and A/D converters, architecture, 8-bit microprocessor basic, programming and interfacing, characteristics of diodes, FET,BJT, amplifiers-biasing, oscillators and feedback amplifiers, frequency response and equivalent circuit, operational amplifiers-characteristics and applications.

2) **Electrical Machines:** Armature reaction and commutation, three phase induction motors-principle, starting and speed control, types, performance characteristic, single phase induction motors, regulation and parallel operation of generators, synchronous machines-performance, servo and stepper motors, regulation and parallel operation of generators, , motor starting, single phase transformer-equivalent circuit, tests, phasor diagram regulation and efficiency, parallel operation, three phase transformers-connections, windings, generator characteristics, auto-transformer, energy conversion principles, DC machines-types.

3) **Electric Circuits and Fields:** Three phase circuits, two-port networks, Gauss theorem, line, electric field and potential due to point, plane and spherical charge distributions, Thevenin's, Norton's , superposition and maximum power transfer theorem, Biot-Savart and Ampere's laws, dielectrics, inductance, capacitance, network graph, KVL, KCL, mesh and node analysis, situational steady-state analysis, transient response of A/C and D/C network, resonance, ideal current and voltage sources, basic filter concepts.

4) **Power Electronics and Drives:** Triggering circuits, bridge converters-fully controlled and half controlled, phase control rectifiers, principles of choppers and inverters, semiconductor power diodes, basis concepts of adjustable speed Ac and Dc drivers.

5) **Electrical and Electronic Measurements:** Energy and power factors, digital voltmeters and multimeters, instrument transformers, time, phase and frequency measurement, oscilloscopes, potentiometric recorders, Q-meters, error analysis, bridges and potentiometers, moving iron, PMMC, dynamometer and induction type instruments, power, current, measurement of voltage.

6) **Signal and Systems:** Time-invariant and causal systems, sampling and theorem, Fourier series representation of continuous periodic signals, Laplace and Z transforms, shifting and scaling operations, representation of continuous and discrete-time signals, linear.

7) **Control systems:** Root loci, lead and lead-lag compensation, bode plots, leg, state space model, controllability and absorbability, principles of feedback, block diagrams, transfer function, steady-state errors, Routh and Nyquist techniques.

**OR**

8) **Power Systems:** Economic operation, fault analysis, symmetrical components, principle of over-current, solid state relays and digital protection, differential and distance protection, HVDC transmission and FACTS concepts, circuit breakers, basic power generation concepts, system stability concepts, transmission line models and performance, swing curves and equal area criterion, cable performance, corona and radio interference, insulation, distribution systems, bus impedance and admittance matrices, per-unit quantities, load flow, power factor correction, voltage control.

**NOTE: TOPICS 1 TO 6 ARE COMMON FOR M.TECH. ELECTRICAL CONTROL SYSTEMS AND POWER SYSTEMS ENTRANCE TEST.**

**TOPIC 7 IS FOR CONTROL SYSTEMS AND TOPIC 8 IS FOR POWER SYSTEMS STREAM.**

## M. TECH. ELECTRONICS

- 1) **Networks: Network graphs:** matrices associated with graphs; incidence, fundamental cut set and fundamental circuit matrices. Solution methods: nodal and mesh analysis. Network theorems: superposition, Thevenin and Norton's maximum power transfer, Wye-Delta transformation. Steady state sinusoidal analysis using phasors. Linear constant coefficient differential equations; time domain analysis of simple RLC circuits, Solution of network equations using Laplace transform: frequency domain analysis of RLC circuits. 2-port network parameters: driving point and transfer functions. State equations for networks.
- 2) **Electronic Devices:** Energy bands in silicon, intrinsic and extrinsic silicon. Carrier transport in silicon: diffusion current, drift current, mobility, and resistivity. Generation and recombination of carriers. p-n junction diode, Zener diode, tunnel diode, BJT, JFET, MOS capacitor, MOSFET, LED, p-I-n and avalanche photo diode, Basics of LASERS. Device technology: integrated circuits fabrication process, oxidation, diffusion, ion implantation, photolithography, n-tub, p-tub and twin-tub CMOS process.
- 3) **Analog Circuits:** Small Signal Equivalent circuits of diodes, BJTs, MOSFETs and analog CMOS. Simple diode circuits, clipping, clamping, rectifier. Biasing and bias stability of transistor and FET amplifiers. Amplifiers: single-and multi-stage, differential and operational, feedback, and power. Frequency response of amplifiers. Simple op-amp circuits. Filters. Sinusoidal oscillators; criterion for oscillation; single-transistor and op-amp configurations. Function generators and wave-shaping circuits, 555 Timers. Power supplies.
- 4) **Digital circuits:** Boolean algebra, minimization of Boolean functions; logic gates; digital IC families (DTL, TTL, ECL, MOS, CMOS). Combinatorial circuits: arithmetic circuits, code converters, multiplexers, decoders, PROMs and PLAs. Sequential circuits: latches and flip-flops, counters and shift-registers. Sample and hold circuits, ADCs, DACs. Semiconductor memories. Microprocessor(8085): architecture, programming, memory and I/O interfacing.
- 5) **Signals and Systems:** Definitions and properties of Laplace transform, continuous-time and discrete-time Fourier series, continuous-time and discrete-time Fourier Transform, DFT and FFT, z-transform. Sampling theorem. Linear Time-Invariant (LTI) Systems: definitions and properties; causality, stability, impulse response, convolution, poles and zeros, parallel and cascade structure, frequency response, group delay, phase delay. Signal transmission through LTI systems.
- 6) **Control Systems:** Basic control system components; block diagrammatic description, reduction of block diagrams. Open loop and closed loop (feedback) systems and stability analysis of these systems. Signal flow graphs and their use in determining transfer functions of systems; transient and steady state analysis of LTI control systems and frequency response. Tools and techniques for LTI control system analysis: root loci, Routh-Hurwitz criterion, Bode and Nyquist plots. Control system compensators: elements of lead and lag compensation, elements of Proportional-Integral-Derivative (PID) control. State variable representation and solution of state equation of LTI control systems.
- 7) **Communications:** Random signals and noise: probability, random variables, probability density function, autocorrelation, power spectral density. Analog communication systems: amplitude and angle modulation and demodulation systems, spectral analysis of these operations, super-heterodyne receivers; elements of hardware, realizations of analog communication systems; signal-to-noise ratio (SNR) calculations for amplitude modulation (AM) and frequency modulation (FM) for low noise conditions. Fundamentals of information theory and channel capacity theorem. Digital communication systems: pulse code modulation (PCM), differential pulse code modulation (DPCM), digital modulation schemes: amplitude, phase and frequency shift keying schemes (ASK, PSK, FSK), matched filter receivers, bandwidth consideration and probability of error calculations for these schemes. Basics of TDMA, FDMA and CDMA and GSM.

- 8) **Electromagnetics:** Elements of vector calculus: divergence and curl; Gauss and Stokes theorems, Maxwell's equations: differential and integral forms. Wave equation, Poynting vector. Plane waves: propagation through various media; reflection and refraction; phase and group velocity; skin depth. Transmission lines: characteristic impedance; impedance transformation; Smith chart; impedance matching; S parameters, pulse excitation. Waveguides: modes in rectangular waveguides; boundary conditions; cut-off frequencies; dispersion relations. Basics of propagation in dielectric waveguide and optical fibers. Basics of Antennas: Dipole antennas; radiation pattern; antenna gain.

## M. TECH. COMPUTER SCIENCE AND ENGINEERING

- 1) **Mathematical Logic:** Propositional Logic; First Order Logic.
- 2) **Probability:** Conditional Probability; Mean, Median, Mode and Standard Deviation; Random Variables; Distributions; uniform, normal, exponential, Poisson, Binomial.
- 3) **Set Theory & Algebra:** Sets; Relations; Functions; Groups; Partial Orders; Lattice; Boolean Algebra.
- 4) **Combinatorics:** Permutations; Combinations; Counting; Summation; generating functions; recurrence relations; asymptotics.
- 5) **Graph Theory:** Connectivity; spanning trees; Cut vertices & edges; covering; matching; independent sets; Colouring; Planarity; Isomorphism.
- 6) **Linear Algebra:** Algebra of matrices, determinants, systems of linear equations, Eigen values and Eigen vectors.
- 7) **Numerical Methods:** LU decomposition for systems of linear equations; numerical solutions of non-linear algebraic equations by Secant, Bisection and Newton-Raphson Methods; Numerical integration by trapezoidal and Simpson's rules.
- 8) **Calculus:** Limit, Continuity & differentiability, Mean value Theorems, Theorems of integral calculus, evaluation of definite & improper integrals, Partial derivatives, Total derivatives, maxima & minima.
- 9) **Digital Logic:** Logic functions, Minimization, Design and synthesis of combinational and sequential circuits; Number representation and computer arithmetic (fixed and floating point).
- 10) **Computer Organization and Architecture:** Machine instructions and addressing modes, ALU and data-path, CPU control design, Memory interface, I/O interface (Interrupt and DMA mode), Instruction pipelining, Cache and main memory, Secondary storage.
- 11) **Programming and Data Structures:** Programming in C; Functions, Recursion, Parameter passing, Scope, Binding; Abstract data types, Arrays, Stacks, Queues, Linked Lists, Trees, Binary search trees, Binary heaps.
- 12) **Algorithms:** Analysis, Asymptotic notation, Notions of space and time complexity, Worst and average case analysis; Design: Greedy approach, Dynamic programming, Divide-and-conquer; Tree and graph traversals, Connected components, Spanning trees, Shortest paths; Hashing, Sorting, Searching. Asymptotic analysis (best, worst, average cases) of time and space, upper and lower bounds, Basic concepts of complexity classes P, NP, NP-hard, NP-complete.
- 13) **Theory of Computation:** Regular languages and finite automata, Context free languages and Push-down automata, Recursively enumerable sets and Turing machines, Undecidability.
- 14) **Compiler Design:** Lexical analysis, Parsing, Syntax directed translation, Runtime environments, Intermediate and target code generation, Basics of code optimization.
- 15) **Operating System:** Processes, Threads, Inter-process communication, Concurrency, Synchronization, Deadlock, CPU scheduling, Memory management and virtual memory, File systems, I/O systems, Protection and security.
- 16) **Databases:** ER-model, Relational model (relational algebra, tuple calculus), Database design (integrity constraints, normal forms), Query languages (SQL), File structures (sequential files, indexing, B and B+ trees), Transactions and concurrency control.
- 17) **Information Systems and Software Engineering:** information gathering, requirement and feasibility analysis, data flow diagrams, process specifications, input/output design, process life cycle, planning and managing the project, design, coding, testing, implementation, maintenance.
- 18) **Computer Networks:** ISO/OSI stack, LAN technologies (Ethernet, Token ring), Flow and error control techniques, Routing algorithms, Congestion control, TCP/UDP and sockets, IP(v4), Application layer protocols (icmp, dns, smtp, pop, ftp, http); Basic concepts of hubs, switches, gateways, and routers. Network security basic concepts of public key and private key cryptography, digital signature, firewalls.
- 19) **Web technologies:** HTML, XML, basic concepts of client-server computing.

**Pro forma – F**

***(To be issued on the Printed Letter Head of the concerned office)***

**(For P1/ P2/ P3 Candidates)**

**(For Physically Handicapped Candidates)**

Photograph of  
the candidate  
showing the  
Physical  
disability

**CERTIFICATE**

This is to certify that I have examined Mr. / Miss .....  
..... on ..... He / She has .....(Name  
of the Physical Disability) which comes under the sub category Blindness (P1)/Speech & Hearing  
impaired(P2)/Orthopedic disorder (P3)

Certified that:

1. The percentage of handicap is not less than 40% and is equal to .....%.
2. The disability is permanent in nature.
3. The candidate is capable of carrying out all activities related to theory and practical works as applicable to Two Year Post Graduate Degree course in Engineering / Technology without any special concessions and exemptions.
4. This Certificate is issued as per the provisions given in the Person with Disability Act, 1995 and its amendments.

This certificate is issued for the purpose of his/her admission to First Year of Two Year Post Graduate Degree course in Engineering / Technology in Maharashtra for the academic year 2011-2012.

Outward No. & Date:

Place :

(Name & Signature)

Director, All India Institute of Physically Handicapped, Mumbai

Or

Dean/Civil Surgeon of Government Hospital

**Seal of the Office**

(Name of the issuing Authority)



**Proforma-F-1**

*(To be issued on the Printed Letter Head of the concerned office)*

**(For Physically Handicapped Candidates)**

**P3 (Learning Disability) Candidates**

LEARNING DISABILITY CLINIC  
L.T.M.G. HOSPITAL, SION, MUMBAI-400 022.

**Photograph of the candidate**

**CERTIFICATE**

Name :  
Age :  
Date of Birth :  
Date of Registration : L.D.No.  
Father's Name :  
Std. : School Name :

Physical & Neurologic Assessment Date :

Psychologic Assessment Date :

WISC ( R ) Verbal IQ :  
Performance IQ :  
Global IQ :  
Interpretation :

Educational Assessment Date: WRAT: R  
S  
A

Certified that:

1. The percentage of handicap is not less than 40% and is equal to .....%.
2. The disability is permanent in nature.
3. The candidate is capable of carrying out all activities related to theory and practical works as applicable to Two Year Post Graduate Degree course in Engineering / Technology without any special concessions and exemptions.
4. This Certificate is issued as per the provisions given in the Person with Disability Act, 1995 and its amendments.

This certificate is issued for the purpose of his/her admission to First Year of Two Year Post Graduate Degree course in Engineering / Technology in Maharashtra for the academic year 2011-2012.

Recommendations:

(Name and Signature of Issuing Authority)

**Outward No. & Date:**

**Seal of the Office**

## Proforma – H

कमीतकमी रु.५०/- च्या नॉन ज्युडीशियल स्टॅम्पपेपरवर खाली नमूद केलेले हमीपत्र सादर करावे

### हमीपत्र

मी .....असे हमीपत्र देतो की, जर मला एम.ई./एम.टेक.च्या प्रवेश प्रक्रियेत प्रवेश मिळाला तर जात पडताळणीबाबतची आवश्यक ती सर्व कागदपत्रे मी प्रवेश झालेल्या महाविद्यालयात दि. ३०/८/२०११ पर्यंत सादर करीन.

जात वैधता प्रमाणपत्र दिनांक ३०/११/२०११ पर्यंत मिळविण्याची सर्वस्वी जबाबदारी माझी असेल.

जात वैधता प्रमाणपत्र प्रवेश मिळालेल्या संस्थेत दिनांक ३०/११/२०११ पर्यंत सादर न केल्यास किंवा माझे जात वैधता प्रमाणपत्र कोणत्याही कारणास्तव मिळण्यास ऊशीर झाल्यास पर्यायाने एम.ई./एम.टेक.अभ्यासक्रमासाठी मिळालेला प्रवेश रद्दबातल झाल्यास त्याची जबाबदारी महाराष्ट्र शासन व तंत्रशिक्षण संचालनालय, महाराष्ट्र राज्य, मुंबई यांची राहाणार नाही व सदर जबाबदारी सर्वस्वी माझी राहिल.

विद्यार्थ्याचे नांव :

विद्यार्थ्याची स्वाक्षरी व दिनांक :

जातीचा प्रवर्ग/ जातीचे नांव :

## Proforma- I UNDERTAKING

**(To be submitted at the time of submission of Application Form)**  
**(Strike out whichever is not applicable)**

- a) I.....(Name of the Candidate) herewith undertake that I have read all the Rules of Admission to M.E./M.Tech. for the year 2011-2012 and after fully understanding all the rules, I have filled in this application form for admission for the current academic year.
- b) I am a citizen of **India** or I am a Citizen of /Foreign National
- c) The information given by me in my application form is true to the best of my knowledge and belief.
- d) If at later stage, it is found that I have furnished wrong information and/or submitted false certificate(s), I am aware that my admission stands cancelled and fees paid by me will be forfeited. Further I will be subject to legal and/or penal action as per the provisions of the law.
- e) I have not been debarred from appearing at any examination conducted by any Government constituted or statutory autonomous examination authority in India.
- f) I fully understand that the offer of allotment will be made to me depending on my inter-se merit, options given by me and availability of seats at that point of time during the process of allotment.
- g) I hereby agree to conform to any Rules, Acts and Laws enforced by the Government and I hereby undertake that so long as I shall be a student of the College / Institute I will do nothing either inside or outside the College / Institute which may result in compelling the authorities to take disciplinary action against me under the rules, acts, and laws of good conduct and behavior in general and particularly those rules of good conduct and discipline prescribed by the Institute / College / University / Govt (if any) from time to time.
- h) I fully understand that the Principal /Director of the Institute where I shall be finally admitted, will have a right to expel, rusticate me from the College / Institution for any infringement of the Rules of good conduct and discipline in general and particularly those rules of good conduct and discipline prescribed by the Institute / College / University / DTE/ AICTE/ Govt (if any) from time to time.

Signature of the Candidate

(Name of the Candidate)