

## 2 Eligibility Criteria:

### 2.1 Eligibility criteria for Maharashtra State Candidate :

Candidate should be an Indian National and should have passed the HSC (Std.XII) examination of Maharashtra State Board of Secondary and Higher Secondary Education or its equivalent examination with subjects English, Physics, Mathematics and Chemistry/Biotechnology /Biology/ Technical Vocational subject

**AND**

Secured minimum **50 % marks** (minimum **45 % marks**, in case of Backward class categories and Persons with Disability candidates belonging to Maharashtra State only) in the subjects **Physics, Mathematics and Chemistry/Biotechnology/Biology/ Technical Vocational subject** added together.

**AND**

Obtained a **positive Composite score\*** i.e., score obtained after adding 50% of JEE (Main) 2015 (Paper 1) marks percentile and 50% of Standard XII (Board or Equivalent Examination) Physics, Chemistry and Mathematics marks percentile.

**Note:** -1) \* - Refer Rule No 2.12 for the details for calculating positive Composite score.

2) Refer Rule No 2.11 regarding Rounding off of percentage of marks for deciding the eligibility, if applicable.

### 2.2 Eligibility Criteria for All India Candidates (Maharashtra & OMS):

Candidate should be an Indian National and should have passed the HSC (Std.XII) examination of Maharashtra State Board of Secondary and Higher Secondary Education or its equivalent examination with subjects English, Physics, Mathematics and Chemistry/Biotechnology /Biology/ Technical Vocational subject

**AND**

Secured minimum **50 % marks** (minimum **45 % marks**, in case of Backward class categories and Persons with Disability candidates belonging to Maharashtra State only) in the subjects **Physics, Mathematics and Chemistry/Biotechnology/Biology/ Technical Vocational subject** added together.

**AND**

Obtained All India Rank in JEE (Main) 2015 (Paper 1) given by CBSE

**Note:** 1) Maharashtra Candidates eligible as per rule 2.1 and 2.2 shall submit single Application and Option form for the CAP for both Maharashtra State Seats and All India Seats. Such candidates will be given best single allotment through CAP as per inter-se-merit.

2) Refer Rule No 2.11 regarding Rounding off of percentage of marks for deciding the eligibility, if applicable

### 2.3 Eligibility Criteria for Foreign National/PIO/Children of Indian workers in the Gulf countries/ Children of NRI

Candidate should have passed the HSC (Std.XII) examination of Maharashtra State Board of Secondary and Higher Secondary Education or its equivalent examination with subjects English, Physics, Mathematics and Chemistry/Biotechnology/Biology/ Technical Vocational subject

**AND**

Secured minimum **50 % marks** in the subjects **Physics, Mathematics and Chemistry/Biotechnology/Biology/ Technical Vocational subject** added together.

**Note :-**

1. The eligibility of the candidates passing the HSC (Std. XII) or equivalent examination from a school/college/Examination Board situated outside India shall be further decided by the University Authorities to which the candidate is admitted. Hence such candidates are advised to get their eligibility verified by the respective University Authorities before seeking admission to the Engineering courses in the State of Maharashtra.
2. The candidate belonging to this type is **not required** to appear for the JEE Main 2015(Paper 1)
3. Refer Rule No 2.11 regarding Rounding off of percentage of marks for deciding the eligibility, if applicable.

#### **2.4 Eligibility criteria for GoI Nominees:**

Candidate should be an Indian National and should have passed the HSC (Std.XII) examination of Maharashtra State Board of Secondary and Higher Secondary Education or its equivalent examination with subjects English, Physics, Mathematics and Chemistry/Biotechnology /Biology/ Technical Vocational subject

**AND**

Secured minimum **50 % marks** (minimum **45 % marks**, in case of Backward class categories and Persons with Disability candidates of respective States) in the subjects **Physics, Mathematics and Chemistry/Biotechnology/Biology/ Technical Vocational subject** added together.

**AND**

Obtained All India Rank in JEE (Main) 2015 (Paper 1) given by CBSE

**Note:** - Refer Rule No 2.11 regarding Rounding off of percentage of marks for deciding the eligibility, if applicable.

#### **2.5 Eligibility criteria for J & K Migrant candidates:**

Candidate should be an Indian National and should have passed the HSC (Std.XII) examination of Maharashtra State Board of Secondary and Higher Secondary Education or its equivalent examination with subjects English, Physics, Mathematics and Chemistry/Biotechnology /Biology/ Technical Vocational subject

**AND**

Secured minimum **50 % marks** in the subjects **Physics, Mathematics and Chemistry/Biotechnology/Biology/ Technical Vocational subject** added together.

**AND**

Obtained All India Rank in JEE (Main) 2015 (Paper 1) given by CBSE

**Note:** - Refer Rule No 2.11 regarding Rounding off of percentage of marks for deciding the eligibility, if applicable.

#### **2.6 Eligibility criteria for MKB candidates:**

**In addition to the basic eligibility criterion** mentioned in rule no. 2.1, candidates belonging to the Maharashtra Karnataka Disputed Border Area are required to fulfill following additional eligibility criterions.

- 2.6.1** Candidates should be from such villages/towns, from the Maharashtra Karnataka disputed border areas, on which Maharashtra puts its claim.

- 2.6.2 The candidate should produce the certificate that his/her father/mother/candidate himself/herself is a domicile of Karnataka in the disputed border area as specified in the Proforma G1/G2 OR The candidate should produce the domicile certificate of his/her father/mother/candidate himself/herself stating that he/she is a resident of a village.
- 2.6.3 The candidate should have passed SSC (or equivalent) and/or HSC (or equivalent) from an Institution situate in the disputed border area. The candidate must produce a certificate from the Principal/Head Master of the College/School stating that the candidate has passed SSC/HSC (or equivalent) Examination from that Institution.
- 2.6.4 Mother tongue of the candidate must be Marathi. The candidate must produce a certificate from the Principal/Head Master of the School from which he/she has passed the SSC (or equivalent) Examination, stating that the candidate's Mother tongue is Marathi as per the original School record.
- 2.6.5 Candidate should have passed SSC or HSC (or equivalent) Examination with Marathi as one of the subject.
- 2.6.6 **Composite Score of MKB Candidates shall be calculated in the manner similar as applied to Maharashtra state board students considering he /she has passed HSC from Maharashtra board.**
- 2.6.7 **Composite Score of MKB Candidates shall be calculated by mapping his or her HSC performance with Maharashtra state board.**

**2.7 Eligibility criteria for Candidates who are sons/daughters of Defence Service personnel:**

In addition to the basic eligibility criterion mentioned in rule no.2.1, candidates who satisfying any one of the following criteria as are eligible to seek admission against seats for sons/daughters of defence service personnel.

- 2.7.1 Candidate is a son/daughter of ex-service personnel who is domiciled in Maharashtra State (Def-1).
- 2.7.2 Candidate is a son/daughter of active service personnel who is domiciled in Maharashtra State (Def-2).
- 2.7.3 Candidate is a son/daughter of active service personnel (Def -3)
- 2.7.3.1 Who is transferred to Maharashtra State but is not domiciled in Maharashtra State
- 2.7.3.2 Who is not domiciled in Maharashtra State but his/her family is stationed in Maharashtra State under the provision of retention of family accommodation at the last duty station on the grounds of children's' education, provided further that, such candidate should have appeared and passed the HSC (Std.XII) examination of Maharashtra State Board of Secondary and Higher Secondary Education or its equivalent examination from a school/college situated in the State of Maharashtra.

**Note: This provision is NOT available to the children of CIVILIAN STAFF who is working/ who has worked with the Indian Defence Services.**

## 2.8 Eligibility criteria for Candidates who are Persons with Disability:

In addition to the basic qualification mentioned in rule no. 2.1, candidate who is suffering from any one of the following permanent disability is eligible to seek admission against seats for Persons with Disability candidates

- Candidate who is visually impaired (blind) candidate (type P1)
- Candidate who is speech & hearing impaired (deaf & dumb) candidate (type P2)
- Candidate who is with orthopedic disorders, learning disabilities, Dyslexia, Dyscalculia, Dysgraphia, Spastic (type P3)

**Note:** The certificate (Proforma F/F-1) should clearly state that the extent of disability is more than 40% and the disability is permanent in nature.

## 2.9 Other eligibility criteria for specialized branches of Engineering/Technology:

Candidates seeking admission to some special courses or under some special provisions have to fulfill the following additional eligibility criteria.

### 2.9.1 Admission to Mining Engineering course:

Female candidates are not eligible for admission to Mining Engineering course.

## 2.10 Eligibility criteria of Candidates who have passed Diploma in Engineering/Technology and seeking admission to First Year of Engineering/Technology in Unaided Institutes:

Diploma holders should have passed the Diploma course in Engineering/Technology with minimum of 50% marks (45% marks in case of candidates of Backward class categories and Persons with Disability belonging only to Maharashtra State) and medium of instruction as English from the AICTE approved Diploma Institutes affiliated to State Boards of technical Education.

### **Note:**

1. To resolve a tie i.e. more than one candidate securing equal aggregate marks in Final year of the Diploma examination, following order of preference shall be adopted: marks in Maths at SSC, Grand Total at SSC.
2. Eligible Diploma candidates (Rule 2.10) shall be considered for Admission against the Institute level seats in **Unaided Private Institutes only**. The details of the admission process for filling seats are specified in Annexure-II.

### 2.11 Rounding off of percentage of marks for deciding eligibility for admission.

In case percentage, marks (converted out of 100) in the subjects **Physics, Mathematics and Chemistry/Biotechnology/Biology/ Technical Vocational subjects** added together at HSC (std.XII), comes in fraction then percentage of marks shall be rounded off as explained in the example for the purpose of deciding the eligibility of the candidate.

Example: - If the percentage of marks comes out to be 44.50% to 44.99% then it shall be rounded to 45% and if the percentage of marks comes out to be 44.01% to 44.49% shall be rounded to 44%.

## 2.12 Procedure for calculation of Composite Score

1. 50 % weightage shall be given to the percentile of marks obtained in JEE (Main) 2015–Paper 1 and 50 % weightage shall be given to the percentile of marks obtained in the subjects Physics, Chemistry and Mathematics in the Board examination added together.
2. For Maharashtra State candidate (Type A, B, C, D, E –Refer Rule 3.0) passing HSC from Maharashtra state Board, CBSE and ICSE, Percentile shall be calculated separately for their respective boards on the basis of March 2015 examination. If the candidate has passed HSC from any Board other than Maharashtra state Board, CBSE and ICSE, then such candidate shall be assigned equivalent Board Percentile of Maharashtra State Boards' candidate scoring equal number of marks in the subjects Physics, Chemistry and Mathematics added together for March 2015 examination.
3. For Maharashtra State candidate (Type A, B, C, D, E) from Maharashtra State Board, CBSE and ICSE result of March 2015 of the respective board shall be considered for the purpose of total number of students appeared for the subjects Physics, Chemistry and Mathematics in the respective board.

*Number of students scored marks less than a particular mark  
in the JEE (Main) 2015 Paper 1.*

$$\text{JEE Percentile (Po)} = \frac{\text{Number of students scored marks less than a particular mark in the JEE (Main) 2015 Paper 1.}}{\text{Total number of students appeared for the JEE (Main) 2015 Paper 1.}} \times 100$$

*Number of students scored marks less than a particular mark  
in the respective Board Examination held in March 2015.*

$$\text{Board Percentile (P)} = \frac{\text{Number of students scored marks less than a particular mark in the respective Board Examination held in March 2015.}}{\text{Total number of students appeared for the subjects Physics, Chemistry and Mathematics in the respective Board Examination held in March 2015.}} \times 100$$

$$\text{Composite Score} = 0.5 \times \text{JEE Percentile (Po)} + 0.5 \times \text{Board Percentile (P)}$$

**Example:** -A Candidate who has scored 282 total marks (94%) in Physics, Chemistry and Mathematics subjects added together in 'XYZ' Board examination and scored 50 Marks in JEE (Main) 2015 – Paper 1 examination.

The composite score shall be calculated as below:

### A. JEE Examination Details and calculation of JEE Percentile (Po)

- Number of Candidates Appeared for JEE (Main) 2015 - Paper 1 Examination = 12,78,580
- Number of Candidates scored less than 50 Marks in JEE (Main) 2015 - Paper 1 Examination = 8,21,007

*Number of students scored marks less than a particular marks  
in the JEE (Main) 2015 Paper 1.*

$$\begin{aligned} \text{JEE Percentile (Po)} &= \frac{\text{Number of students scored marks less than a particular marks in the JEE (Main) 2015 Paper 1.}}{\text{Total number of students appeared for the JEE (Main) 2015 Paper 1.}} \times 100 \\ &= (8,21,007 / 12,78,580) \times 100 \\ &= 64.21240751 \end{aligned}$$

### B. Board Examination Details and calculation of Board Percentile (P)

- Number of Candidates Appeared for standard 12th Board Examination with Physics, Chemistry and Mathematics (PCM) = 3,23,227

## 2.13 General Notes:

**2.13.1** In case the maximum marks in individual subject is other than 100, convert the marks out of 100 for individual subject but do not *round off* these marks. If sum of the converted marks of three individual subjects without rounding off works out to be a figure with fraction then fraction up to two decimal places shall only be considered and the percentage of marks shall be calculated considering maximum marks as 300 and, If the percentage comes in fraction, rounding off shall be done as given in rule No. 2.11 to decide the eligibility.

**Example:** If a candidate obtains 85 marks out of 200 in Physics, 76 marks out of 150 in Chemistry and 40 Marks out of 100 in Mathematics, then the sum of marks obtained works out to be 201 out of 450 marks. If it is converted out of 300, it works out to be 134. The % of marks comes out 44.6666 %.

However if the marks in individual subjects are converted out of 100, then the marks are as 42.5 in Physics, 50.6666 in Chemistry and 40 in Mathematics. It means the sum of converted marks of individual subject is 133.1666, which is 133.16 up to two fractions. The % of marks comes out 44.38 % after rounding off it is 44%. Hence the candidate is not eligible for admission.

**2.13.2** If **letter grades** are assigned instead of marks at SSC, HSC or its equivalent examination the candidate must obtain the certificate of conversion of letter of grades into marks from the competent authority where from the candidate has passed the examination. The candidate should produce such certificate at the time of submission of application form. The Eligibility shall be decided based on the equivalent marks submitted by such candidates.

**2.13.3** If the candidate reappears for the qualifying examination (Std. XII or its equivalent) **with all subjects** then the marks obtained in the latest examination shall only be considered for determining the eligibility criterion and for calculation of normalized Board marks