

## Prestigious Engineering Institutes at an all India Level

Indian Institutes of Technology (IITs)	
Name of IIT	Seats Available
IIT Bhubaneshwar	880
IIT Bombay	880
IIT Bhilai	120
IIT Delhi	851
IIT Dharwad	120
IIT Gandhinagar	150
IIT Goa	90
IIT Guwahati	660
IIT Hyderabad	220
IIT Indore	120
IIT Jammu	90
IIT Jodhpur	160
IIT Kanpur	827
IIT Kharagpur	1341
IIT Madras	838
IIT Mandi	120
IIT Patna	200
IIT Roorkee	1065
IIT Ropar	120
IIT (BHU) Varanasi	1090
ISM Dhanbad	962

Indian Institutes of Information Technology (IIITs)	
Name of IIIT	Seats Available
IIIT, Allahabad, Uttar Pradesh	297
IIIT, Andhra Pradesh	130
IIIT, Andhra Pradesh	50
IIIT, Dharwad	60
IIIT, Gujarat	160
IIIT, Guwahati, Assam	60
IIIT, Haryana	90
IIIT, Himachal Pradesh	60
IIIT, Imphal	60
IIIT, Kerala	60
IIIT, Kota, Rajasthan	90
IIIT, Lucknow	50
IIIT, Tiruchirapalli	180
IIIT, West Bengal	120
IIITDM, Jabalpur, Madhya Pradesh	300
IIITDM, Kanchipuram, Tamil Nadu	240
IIITM, Gwalior, Madhya Pradesh	129
RGIIIT, Amethi (A campus of IIIT Allahabad), Uttar Pradesh	92

Birla Institute of Technology and Science (BITS)	
Name of BITS	Seats Available
BITS, Goa	380
BITS, Hyderabad	400
BITS, Pilani	910

Birla Institute of Technology (BIT)	
BIT Ranchi, Mesra	Seats Available 798 (Approx)

National Institutes of Technology (NITs)			
Name of NIT	All India Quota	Home State Quota	Total Seats
NIT Calicut, Kerala	468	469	937
NIT Surathkal, Mangalore, Karnataka	370	370	740
NIT Warangal, Andhra Pradesh	370	370	740
NIT Trichy, Tamil Nadu	407	407	814
Visvesvaraya NIT, Maharashtra	369	369	738
Malviya NIT, Jaipur, Rajasthan	355	355	710
NIT Kurukshetra, Haryana	416	416	832
NIT Durgapur, West Bengal	400	400	800
NIT, Surat, Gujarat	347	346	693
NIT Rourkela, Orissa	290	290	580
NIT Hamirpur, Himachal Pradesh	254	254	508
NIT Jamshedpur, Jharkhand	300	301	601
NIT Patna, Bihar	277	277	554
NIT Allahabad	407	406	813
NIT Bhopal, Madhya Pradesh	468	469	937
NIT Jalandhar, Punjab	393	393	786
NIT Agartala, Tripura	384	373	757
NIT Raipur, Chhattisgarh	447	446	893
NIT Silchar, Assam	245	245	490
NIT Srinagar, Jammu & Kashmir	316	316	632
NIT Arunachal Pradesh	45	45	90
NIT Delhi	45	45	90
NIT Goa	45	45	90
NIT Manipur	45	45	90
NIT Meghalaya	45	45	90
NIT Mizoram	45	45	90
NIT Nagaland	45	45	90
NIT Puducherry	45	45	90
NIT Sikkim	45	45	90
NIT Uttrakhand	60	60	120

# Guide to Engineering Education

## List of Engineering Colleges affiliated to Mumbai University

Institute	Institute
Veermata Jijabai Technological Institute(VJTI), Matunga, Mumbai	Atharva College of Engineering, Malad(West), Mumbai
Sardar Patel College of Engineering, Andheri	St. Francis Institute of Technology, Borivali, Mumbai
Dr. Babasaheb Ambedkar Technological University, Lonere	S.S.P.M.'s College of Engineering, Kankavli
Usha Mittal Institute of Technology SNDT Women's University.	M.E.S Pillai's Institute of New Panvel
Institute of Chemical Technology, Matunga, Mumbai	Don Bosco Institute of Technology, Mumbai
Saraswati Education Society, Group of Institutions Diksal Dist. Raigad.	K J Somaiya Institute Of Engineering And Information Technology, Sion.
Rajiv Gandhi Institute of Technology, Mumbai	K.C. College of Engineering, Thane(E)
Vidyalankar Institute of Technology, Wadala, Mumbai	S.I.E.S. Graduate School of Technology, Nerul, Navi Mumbai
Annasaheb Chudaman Patil College of Engineering, Kharghar	Watumull Institute Worli, Mumbai
Yadavrao Tasagaonkar Institute of Engineering & Technology, Karjat	Xavier Institute Of Engineering Mahim, Mumbai
Shah & Anchor Kutcchi Engineering College, Mumbai	Sardar Patel Institute of Technology , Andheri, Mumbai
Saraswati College of Engineering, Kharghar Navi Mumbai	Gharda Institute of Technology, Khed, Ratnagiri
Ramarao Adik Instt. of Tech., Navi Mumbai	S. S. Jondhale College of Engineering & Technology, Shahapur.
M.G.M.'s College of Engineering and Technology, Navi Mumbai	St. John College of Engineering & Technology, Vevoor, Palghar
Thakur College of Engineering and Technology, Mumbai	Smt. Alamuri Ratnamala Institute of Engg. and Technology, Sapgaon,
K.J.Somaiya College of Engineering, Vidyavihar, Mumbai	Yadavrao Tasgaonkar College of Engineering and Management, Karjat
Thadomal Shahani Engineering College, Bandra, Mumbai	Viva Institute of Technology, Shirgaon
M.H. Saboo Siddik College of Engineering, Byculla, Mumbai	Theem College of Engineering, Boisar
Fr. Conceicao Rodrigues College of Engineering, Bandra, Mumbai	Pillai's College of Engineering & Technology, Rasayani via Panvel
Vivekanand Education Society's Institute of Technology, Chembur.	G.V. Acharya Institute of Engineering and Technology, Karjat
N.Y.S.S.'s Datta Meghe College of Engineering, Airoli, Navi Mumbai	Bharat College of Engineering, Badlapur(W)
Padmabhushan Vasantdada Patil Pratishthans College of Engg., Sion.	Dilkap Research Institute Of Engineering and Management Studies.
Bharati Vidyapeeth College of Engineering, Kharghar, Navi Mumbai	Shree L.R. Tiwari College of Engineering, Mira Road, Mumbai
Terna Engineering College, Nerul, Navi Mumbai	B.R. Harne College of Engineering & Technology, Karav, Ambernath.
Rajaram Shinde College of Engineering, Pedhambe	Anjuman-I-Islam's Kalsekar Technical Campus, Panvel.
Smt. Indira Gandhi College of Engineering, Navi Mumbai	Metropolitan Institute of Technology & Management, Sindhudurg.
Shivajirao S. Jondhale College of Engineering, Dombivali, Mumbai	Vishvatmak Om Gurudev College of Engineering, Shahpur.
Vidyavardhini's College of Engineering and Technology, Vasai, Thane	G.M.Vedak Institute of Technology, Raigad.
Lokmanya Tilak College of Engineering, Kopar Khairane, Navi Mumbai	Universal College of Engineering, Kaman Dist. Thane
Agnel Charities' FR. C. Rodrigues Institute of Technology, Vashi.	VPM's Maharshi Parshuram College of Engineering, Velneskar, Ratnagiri
Konkan Gyanpeeth College of Engineering, Karjat	Ideal Institute of Technology, Wada, Dist. Thane
Dwarkadas J. Sanghvi College of Engineering, Vile Parle, Mumbai	Vishwaniketan's Institute of Mgmt. Entrepreneurship and Engg Technology, Khalapur
Finolex Academy of Management and Technology, Ratnagiri	New Horizon Institute of Technology & Management(Womens College), Thane
Rizvi College of Engineering, Bandra, Mumbai	A. P. Shah Institute of Technology, Thane
Rajendra Mane College of Engineering & Technology Ambav Deorukh	Chhartrapati Shivaji Maharaj Institute of Technology, Shedung, Panvel

## Admission Process of Various Engineering Institutes

### Admission process for the IITs

The new JEE will consist of 2 Tests viz. JEE Main and JEE Advanced which will test problem solving ability in basic science subjects - Physics, Chemistry and Mathematics. IIT JEE Main is for 3 Hrs. while IIT JEE Advanced has two papers hours of 3 Hrs. each.

Only the top 2,00,000 candidates (including all categories) based on the performance in JEE Mains will qualify to appear in the JEE Advanced examination, provided the candidates are among the top 20% high scorers of their respective boards or have at least scored 75% in Std. XII board examination.

As the above selection pattern gives a substantial importance to the Std. XII Board marks, it is very essential that every student prepares well not only for the proposed JEE, but for Std. XII also.

### Admission process of NITs, IIITs and BIT (Ranchi)

NITs, IIITs and BIT (Ranchi) give admissions on the basis of a student's performance in the JEE Main. Admissions to these Institutes will be purely on the basis of JEE Main Ranks. All India rank for NITs, IIITs and BIT (Ranchi) will be given separately.

JEE Main exam is of 360 marks consisting of Physics, Chemistry and Mathematics. The test is of 3 hrs duration and it consists of 90 questions. 4 marks are awarded for each correct answer and 1 mark deducted for each incorrect answer. The paper comprises of 30 questions from Physics, Chemistry and Mathematics each.

### Admission process for the BITS

The Birla Institute of Technology and Science (BITS) Pilani, is a deemed University which offers Degree Engineering Courses at its Pilani campus, Goa campus, Hyderabad campus & Dubai campus. The admission in these institutes to its Degree Engineering Programs is through BITSAT. The aspiring candidate must have passed the final examination of 10 + 2 system or its equivalent, with a paper each in Physics, Chemistry and Maths, with adequate proficiency in English. Further, the candidate should have obtained a minimum of aggregate 75% marks in Physics, Chemistry and Mathematics in Std. XII exam, with at least 60% marks in Physics, Chemistry and Mathematics each. Direct admission is given to the students who are Std. XII Board toppers.

BITSAT is a 450 marks exam and has negative marking scheme. The test is of 3 hrs. duration and it consists of 150 questions. 3 marks are awarded for each correct answer and 1 mark deducted for each incorrect answer. The test consist of 40 questions from Physics and Chemistry each, 45 questions of Mathematics, 15 questions of English proficiency and 10 questions on Logical Reasoning.

### Admission process for Government and Private Engineering Colleges in Maharashtra

From the year 2018, admissions to Government and Private Colleges of Maharashtra will be on the basis of a student's performance in the Maharashtra Common Entrance Test i.e. MHT-CET. MHT-CET exam is of 200 marks of 3 hours duration. The paper is on Physics, Chemistry & Mathematics of Std. XI & XII syllabus. Paper 1 consist of 50 questions of Physics & Chemistry each and is of 90 minutes duration with 1 mark for each correct answer. Paper 2 consist of 50 questions of Mathematics of 90 minutes duration with 2 marks for each correct answer. No negative marking for wrong answers.

The candidate should have obtained a minimum of 50% marks in Physics, Chemistry and Mathematics in Std. XII exam. The above admission procedure is applicable until 2016-17.

From the year 2018, the State Government has decided to raise the standard of the state Common Entrance Test (CET) for admissions to Engineering Colleges, to make it on par with the Joint Entrance Exam (JEE).