

10 Lakh Engineering Seats In India

State-wise breakup of seats, entrance tests, selection criteria and more.

FROM close to 1,500 [institutes](#) and 5 lakh seats in 2005-06 to 3,000 colleges & 10 lakh+ seats in 2009-10, the options for an aspiring engineer has simply doubled in the last four years. From the problem of "too few" to the problem of plenty, zeroing in on a right college and right branch is a difficult task for both, students and parents.

To help you skillfully navigate this plethora of options, Careers360 presents, the [engineering](#) pie, sliced discipline-wise and region-wise. From the most popular disciplines like Computer Science and Electronics & Communication to sunrise branches like Biomedical and Mechatronics, from 77 institutes in Bangalore city to the lone institute in Arunachal Pradesh, we have it all here.

Get all the information related to engineering education in your zone/ state by clicking on the name of your respective state in listing below. Get information on exams, disciplines, seats and more.

Break-up of 1.01 million Engineering seats in India	
INSTITUTE	SEATS
IIT-JEE	
15 Indian Institutes of Technology (IITs), ISM Dhanbad, IT-BHU	8,384
5 Indian Institutes of Science Education and Research (IISERs)	386
AIEEE	
20 National Institutes of Technology (NITs)	13,248
5 Indian Institutes of Information Technology (IIITs, IIITDM)	698
24 Self-Financed Deemed Universities/Universities/Other Institutions	10,316
11 Other Central/State Government Funded Institutions	1,313
Total	25,575
Institutes admitting through ENAT/others	
Manipal Institute of Technology, Karnataka	1025
Manav Rachna International University , Haryana	1600
Subharti University, UP	360
Sharda University, UP	1080
Shri JJ Tibrewala University, Rajasthan	300
Mahatma Jyoti Rao Phoole University, Rajasthan	540
St. Peter's University, Tamil Nadu	1120
Shridhar University, Rajasthan	600
Total	6625
Institutes admitting through own exams	
BITS, Pilani (BITSAT)	837

BITS, Goa (BITSAT)	599
BITS, Hyderabad (BITSAT)	534
VIT, Vellore (VITEEE)	2043
SRM, Chennai (SRMEEE)	4965
Amrita School of Engineering, Coimbatore (AEEE)	1240
Zakir Husain College of Engg. & Technology, AMU Aligarh (ZHCETE)	380
Karunya Institute of Technology & Sciences, Coimbatore (KEE)	1386
Total	11,984
All states State Entrance Exams (see details in State-wise write-ups)	910,418
Net Total	963,372
Intake for which details are not available	108,524
Grand Total (as per AICTE 2009-10)	1,071,896

south india college seat detail: (branch wise)

- Andhra Pradesh**

Admission criteria: Merit-list based on marks in EAM-CET (Engineering, Agricultural and Medical Common Entrance Test) conducted on May 30, 2010.

Number of Engineering Colleges: 664

Total sanctioned intake: 228,292

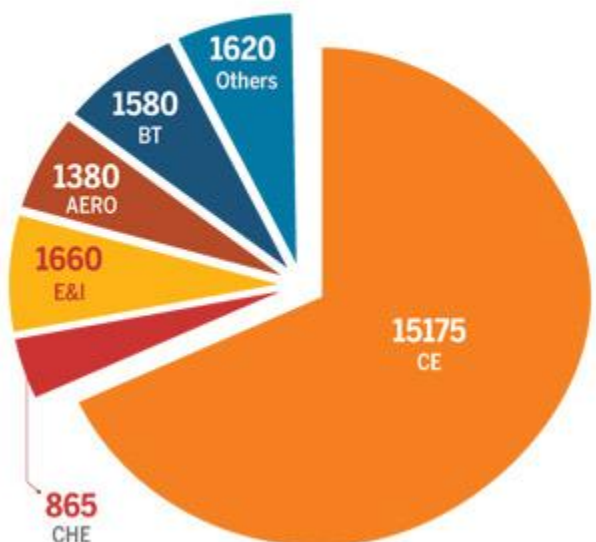
Major disciplines: Computer Science; Electronics & Communications; Electronics & Electrical; Information Technology; Mechanical

Noteworthy institutes: Indian Institute of Technology, Hyderabad; National Institute of Technology, Warangal; International Institute of Information Technology (IIIT), Hyderabad; Osmania University, Hyderabad; School of Planning and Architecture, Vijaywada

ALL the 23 districts in Andhra Pradesh boast of at least one engineering college, and of the 664 institutes in the state, 634 i.e., nearly 96% comprise private unaided institutes. The National Institute of Technology in the state is situated in Warangal, while the IIT is located in Hyderabad, established recently in 2008.

Vignans's Foundation for Science Technology & Research in Vadiamudi, district Guntur, has a large intake of 1,380 seats and admits students through AIEEE.

Intake in prominent disciplines beyond the Top Five in AP



Among the districts, Ranga Reddy accounts for 20% of the total BE seats in the state. 89% of the student intake is mostly spread across five disciplines: Computer Science (24%); Electronics & Communications (27%); Electronics & Electrical (17%); IT (13%) and Mechanical Engineering (8%).

Civil Engineering too has an intake of 15175 in the state. Other disciplines worthy of mention include Chemical Engineering with 865 seats, Electronics & Instrumentation with 1660 seats, Aeronautical with 1380 seats and Biotechnology with 1580.

Don't miss! [Searchable database to find an engineering college](#)

Admission procedure

Engineering aspirants must appear for the Engineering, Agricultural and Medical Common Entrance Test (EAM-CET) conducted by Jawaharlal Nehru Technical University (JNTU), Hyderabad on behalf of the Andhra Pradesh State Council of Higher Education. One must have completed (10+2) through Andhra State Board of Secondary and Higher Secondary Education or its equivalent exam, and scored 25% in subjects Physics, Chemistry and Mathematics, added together in EAM-CET.

DISTRICT-WISE ENGINEERING UG SEATS IN ANDHRA PRADESH						
District (No. of Institutes)	Intake	ECE	CSE	EEE	IT	ME
Adilabad (1)	330	90	60	120	60	
Anantapur (17)	7200	1650	1560	1035	915	525
Chittoor (33)	10510	2920	2530	1910	1030	910
East Godavari (33)	12270	3110	2600	2420	1530	1370
Guntur (47)	14955	4350	3630	2670	2205	750
Hyderabad (48)	16690	4570	4040	2660	2010	1490
Kadapa (24)	7725	2410	1930	1300	1000	670
Karimnagar (18)	5550	1560	1500	930	660	450
Khammam (24)	7925	2250	1990	1480	960	660
Krishna (37)	12720	3660	3090	2160	1710	1260
Kurnool (20)	6090	1890	1620	1050	780	300
Mahaboobnagar (7)	2550	750	600	450	480	180
Medak (23)	8040	2370	2040	1170	1140	420
Nalgonda (41)	13440	3870	3360	2190	1860	1260
Nellore (24)	8010	2190	2070	1440	1200	420
Nizamabad (12)	3880	990	945	600	510	390
Prakasam (21)	7050	1980	1860	1260	930	510
Ranga Reddy (122)	43400	11910	10530	6490	5730	3450
Srikakulam (10)	3600	1050	960	660	390	240
Visakhapatnam (28)	8820	2460	2010	1590	1140	780
Vizianagaram (13)	4770	1260	1230	690	630	480
West Godavari (29)	9660	2670	2520	1680	1140	720
Warangal (26)	10020	2610	2310	1800	1320	1050
Total 23 Districts (658)	225205	62570	54985	37755	29330	18285

• Karnataka

Admission criteria: Merit-list based on marks in CET (Common Entrance Test) for government seats; COMED-K for private colleges; ENAT (MIT, Manipal); AIEEE (NIT)

Number of Engineering Colleges: 199

Total sanctioned intake: 68,482

Major disciplines: Computer Science; Electronics & Communications; IT; Mechanical

Noteworthy institutes: NIT, Surathkal; R.V. College of Engg, Bangalore; PES Institute of Technology, Bangalore

THE first technical institute in Karnataka, the School of Engineering, affiliated to Madras University, was established in 1862. The Industrial School Dharwad was established in 1973 as was the Civil and Military Station in Bangalore, where students were trained for the PWD's beginner level services.

By 1993-94, Karnataka had 47 engineering colleges, since then the figure has grown to 199 with intake of approximately 69,000. Nearly 37,000 seats are through the CET while the rest i.e., private seats are filled through exams such as COMED-K. Close to 73% of student intake is in four disciplines: Computer Science; Electronics & Communications; Mechanical and IT. Dayananda Sagar College of Engineering, MS Ramaiah Institute of Technology, and BV Bhoomaraddi College of Engineering have more than 1000 seats each. At least 67 colleges have an intake of more than 400.

Admission procedure

Students who have completed their 10+2 with Physics, Maths and Chemistry must appear for at least one exam:

- CET conducted by Karnataka Examination Authority that gives access to approximately 54% seats
- Consortium of Medical, Engineering and Dental Colleges of Karnataka (COMED-K) test to admit students to 136 private colleges.
- AIEEE for admission to NIT, Surathkal for 740 UG seats
- EPSI's online National Admission Test (ENAT) for 1,025 seats at MIT

DISTRICT-WISE ENGINEERING UG SEATS IN KARNATAKA						
District	Institutes	Intake	ECE	CSE	ME.	IT
Bagalkot	1	690	120	90	120	90
Bangalore	77	28,756	7,663	6,073	3,778	4,206
Bangalore Rural	3	990	300	240	120	180
Belgaum	12	3,302	760	752	690	240
Bellary	5	1,500	300	330	300	120
Bidar	3	1,420	340	300	290	190
Bijapur	3	805	150	150	150	105
Chamarajanagar	2	360	90	90	90	0
Chickaballapur	2	660	150	150	90	120
Chickmagalur	1	600	120	120	120	60
Chitradurga	1	215	50	50	30	15
Dakshina Kannada	18	4,862	1,191	1,231	795	769
Davangere	3	1,165	250	180	190	90
Dharwad	4	2,350	414	390	354	300
Gadag	3	660	150	150	150	90
Gulbarga	7	2,750	669	465	461	210
Hassan	5	1,290	270	240	300	100
Haveri	2	440	90	105	105	30
Kodagu	2	480	180	120	60	60
Kolar	2	475	90	90	105	60
Mandya	4	1,173	207	270	206	75
Mysore	17	5,163	1,057	1,135	744	630
Raichur	3	623	150	143	90	75
Ramangaram	2	780	180	150	180	90
Shimoga	2	931	180	240	180	180
Tumkur	8	3,110	840	660	500	300
Udupi	2	540	120	120	120	30
Uttara Kannada	3	627	150	135	150	52
Total	197	66,717	16,231	14,169	10,468	8,467

• Tamil Nadu

- **Admission Criteria:** Merit list based on marks obtained in qualifying exam (HSC or equivalent) for institutes affiliated to Anna University; JEE (IIT Madras); AIEEE (NIT, Trichy; IIIT and SCSVM, Kanchipuram; Sastra University; Dr MGR University, Chennai; Kalasalingam University); VITEEE (VIT, Vellore); SRMEEE/ATA (SRM University); Amrita EEE (AIT, Coimbatore); Karunya EEE (KIT, Coimbatore)
- **Number of Engineering Colleges:** 445

Total sanctioned intake: 1,46,076

Major disciplines: Electronics & Communications; Computer Science; Electrical & Electronics

Noteworthy institutions: IIT Madras; National Institute of Technology, Tiruchirappalli; College of Engineering, Anna University; PSG College of Technology; Vellore Institute of Technology, Madras Institute of Technology

THE first industrial school in country was established at Guindy in 1842, attached to the Gun Carriage Factory. Located in the Madras Presidency it eventually became the Guindy College of Engineering and was affiliated to Madras University in 1858. India's third Indian Institute of Technology (IIT) was opened in 1959 in collaboration with West Germany. The Private/Self Finance Colleges constitute 94 percent of total number of engineering colleges in the state. All colleges come under the purview of the Directorate of Technical Education, Tamil Nadu and are affiliated to the four technical universities i.e., Anna University, Chennai; Anna University, Coimbatore; Anna University, Tiruchirappalli and Anna University, Tirunelveli.

Apart from Anna University, there are quite a few prominent universities that conduct examination on their own. SRM university for instance has a large intake of 4965 seats. VIT Vellore and Karunya Institute of Technology, Coimbatore has student intake of 2043 and 1386 in UG engineering programmes. The premier institute in the state, IIT Madras had a student intake of 684 in 2009. Prominent institutes that associate their admissions through AIEEE too have a fair share of intake in Tamil Nadu. For instance NIT Trichy, Dr MGR University, Chennai and Sastra University, Thanjavur admit 814, 1000 and 538 students respectively.

- **Don't miss!** [Searchable database to find an engineering college](#)

Admission procedure

The Common Entrance Test (CET) for admission to professional courses was abolished in 2006, and at present, admission is based on your marks in 10+2 or its equivalent through Single Window Counselling by Anna University. For Open Competition, you must have an average of 55% marks in Mathematics, Physics & Chemistry, and only candidates belonging to Tamil Nadu are considered for communal reservations.

There is no upper age limit except for Marine Engineering (20 years) and no restriction on the number of attempts to pass qualifying examinations to apply for admission. The marks secured in the qualifying examination in the prescribed subjects is reduced to a base of 200 (Mathematics = 100, Physics + Chemistry = 100) and ranking is done accordingly. A method of normalisation is used to equate marks of those students have completed 10+2 under other boards besides the State Board of Tamil Nadu.

Nearly 85% of student intake is in five disciplines: Electronics & Communications; Computer Science; Electrical & Electronics; Information Technology and Mechanical Engineering. Three disciplines have a fair share of intake: Biomedical Engineering (760), Instrumentation & Control (760) and Architecture (720). Automobile Engineering with 520 seats is another branch, offered in 10 colleges. PSG College of Technology, Coimbatore, Rajalakshmi Engineering College, Chennai, Kongu Engineering College, Erode and Adhiyamaan college of Engineering in Krishnagiri feature amongst colleges where the seat-intake is approximately 1000. More than 60 colleges have more than 500 engineering seats at the undergraduate level.

Affiliated University (District Coverage)	Total Intake
ANNA UNIVERSITY CHENNAI (6)	57475
ANNA UNIVERSITY COIMBATORE (9)	35642
ANNA UNIVERSITY TIRUCHIRAPPALLI (12)	20359
ANNA UNIVERSITY TIRUNVELI (5)	19515
TOTAL (32 Districts)	132991

DISTRICT-WISE ENGINEERING UG SEATS IN TAMIL NADU

District, No. of Institutes*	Intake	ECE	CSE	EEE	IT	ME
Ariyalur, 1 (0)	NA	-	-	-	-	-
Chennai, 41 (41)	19450	3870	3810	2550	2940	2430
Coimbatore, 53 (37)	13697	2713	2619	1630	1746	2081
Cuddalore, 5 (4)	1164	276	276	276	126	180
Dharmapuri, 4 (3)	1140	300	300	180	180	120
Dindigul, 9 (6)	1940	450	375	300	285	210
Erode, 14 (11)	5090	960	960	780	630	720
Kancheepuram, 46 (44)	17915	4380	3930	2275	2865	2130
Kanyakumari, 27 (22)	7130	1800	1560	1270	780	880
Karur, 4 (4)	1260	300	300	240	240	60
Krishnagiri, 5 (3)	1555	300	300	180	240	180
Madurai, 8 (7)	2710	540	540	480	330	480
Nagapattinam, 2 (2)	630	120	120	60	60	60
Namakkal, 30 (24)	8050	1830	1770	870	1320	930
Perambalur, 5 (4)	1380	300	270	210	240	180
Pudukkottai, 11 (7)	2250	510	420	450	330	360
Ramanathapuram, 3 (2)	880	220	190	120	100	75
Salem, 15 (8)	2850	540	600	540	540	360

Sivagangai, 9 (8)	2435	570	435	450	300	240
Thanjavur, 9 (6)	1980	540	420	390	220	180
The Nilgiris, 2 (2)	320	-	60	60	60	60
Theni, 3 (3)	1290	270	240	180	60	240
Thiruvallur, 21 (18)	7520	1710	1590	1080	1230	900
Thiruvannamalai, 9 (8)	4175	810	780	540	510	600
Thiruvarur, 2 (2)	750	150	150	120	90	60
Thoothukudi, 11 (7)	2110	480	510	340	180	420
Tiruchirapalli, 23 (17)	5660	1170	1125	900	735	930
Tirunelveli, 19 (16)	5190	1170	1170	900	570	840
Tiruppur, 7 (5)	1680	360	360	180	240	240
Vellore, 16 (14)	4275	1080	1020	720	450	735
Villipuram, 12 (11)	4140	930	930	690	600	690
Virudhunagar, 8 (5)	2375	420	510	420	210	300
Total-32 districts, 434 (351)	132991	29069	27640	19381	18407	17871

FAST FACTS

Admission Criteria: Merit-list based on marks in CEE (Common Entrance Examination) conducted by the Commissioner for Entrance exams, Govt. of Kerala.

Number of Engineering Colleges: 109

Total Sanctioned Intake: 32,122

Major Disciplines: Computer Science; Electronics & Communications; Electrical & Electronics Engineering.

Noteworthy Institutes: National Institute of Technology, Calicut; College of Engineering, Thiruvananthapuram; Model Engineering College, Ernakulam, M.A. College of Engineering, Kothamangalam; TKM College of Engineering, Kollam

THE College of Engineering, Thiruvananthapuram was established in 1939 and is one of the oldest engineering colleges in India. Model Engineering College was established in 1989 by the IHRD as a self-financing college with a fair degree of autonomy to provide a higher quality of education. Today, 107 colleges are functional in Kerala. The district of Thiruvananthapuram has the largest student intake of 5,363 across 19 engineering institutes.

Majority of the student intake (approximately 71%) is in four disciplines: Electronics & Communications (25%); Computer Science (21%); Electrical & Electronics Engineering (14%) and Mechanical Engineering with 3,681 seats and 12% of the total engineering intake in the state is through Common Entrance Examination in Kerala.

Three more disciplines also have a fair share takers: Civil Engineering (3,042); Information Technology (2,955); and Applied Electronics & Instrumentation (1,080 seats).

The College of Engineering, Thiruvananthapuram, TKM College of Engineering, Kollam, MES College of Engineering, Kuttipuram and Government Engineering College, Thrissur have more than 500 seats each. More than 300 seats each at the UG level, belong to 53 colleges. There are only 180 seats for Biomedical Engineering in the state that are offered at Model Engineering College, Ernakulam; Sahridaya College of Engineering & Technology, Thrissur and TKM Institute of Technology at Kollam. Also if one wishes to pursue a course in Aeronautical Engineering, the only place is Jawaharlal College of Engineering & Technology, Palakkad with 60 seats.

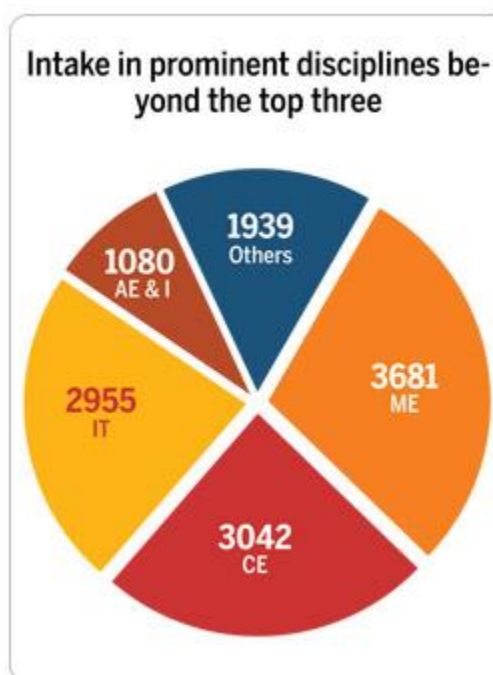
- **Don't miss!** [Searchable database to find an engineering college](#)

Admission procedure

- Take the CEE, which makes you eligible for 31,077 seats across 106 different engineering colleges in the state.
- Take the AIEEE for admission to the prestigious National Institute of Technology, Calicut (836 UG seats).

Eligibility

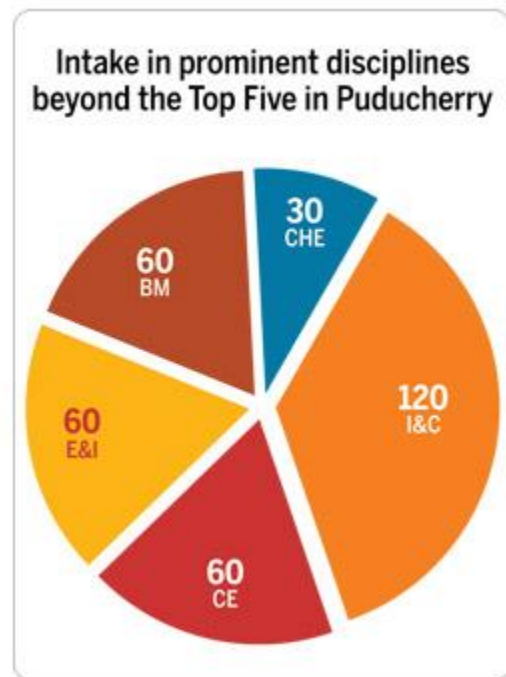
You must have completed 10+2 through Higher Secondary Examination, Kerala or its equivalent with 50% marks in Mathematics, Physics and Chemistry/Biotechnology/Computer Science/Biology put together and 50% marks in Mathematics separately. Candidates with a 3-year diploma in



criteria

engineering awarded by the Board of Technical Examinations, Kerala or its equivalent with 50% marks in the final diploma exam, are also eligible except for engineering courses offered by Kerala Agricultural University.

DISTRICT-WISE ENGINEERING UG SEATS IN KERALA					
District	Institutes	Intake	ECE	CSE.	EEE
Alapuzha	7	1,650	540	510	210
Ernakulam	14	4,710	1,140	960	720
Idukki	4	1,080	300	240	240
Kannur	5	1,500	450	300	240
Kassargod	2	750	150	150	120
Kollam	13	3,800	960	800	520
Kottayam	7	2,025	480	420	300
Kozhikode	6	1,950	420	240	180
Malappuram	4	1,266	300	300	180
Palakkad	7	1,980	540	390	300
Pathanamthitta	6	1,710	510	420	120
Thiruvananthapuram	19	5,363	1,200	1,110	760
Thrissur	11	3,113	660	600	460
Wayanad	1	180	60	60	60



Total: 14 districts	106	31,077	7,710	6,500	4,410
----------------------------	------------	---------------	--------------	--------------	--------------

- puducherry**

Admission criteria: Marks secured in Class 12th or equivalent

Number of Engineering Colleges: 10

Total sanctioned intake: 3,495*

Major disciplines: Computer Science; Electronics & Communications; Electrical & Electronics Engineering

Noteworthy institutes: Pondicherry Engineering College; Bharathiyar College of Engineering & Technology

PUDUCHERRY has nine engineering colleges with total intake of 3405. Sri Manakula Vinayagar Engineering College, Bharathiyar College of Engineering. & Technology and Pondicherry Engineering College are institutes with intake of 450 and above. There is no separate entrance exam and admission is based on marks secured in either Class 12 or HSC Vocational and 'normalizing' them by the prescribed procedure. For candidates applying against other States/UTs' quota of seats, admission is based only on marks secured by them in "AIEEE".

Eligibility criteria

A pass in HSC or equivalent exam with a minimum of 45% marks in aggregate in Maths, Physics and any one of Chemistry/Biotechnology/Computer/Biology. Candidates having passed HSC (vocational stream in engg) exam or equivalent with minimum of 45% marks in vocational subjects and a related subject (Maths/Physics/Chemistry)

DISCIPLINE-WISE ENGINEERING UG SEATS IN PUDUCHERRY						
State/UT	CSE	ECE	EEE	IT	ME	Intake
Puducherry	750	750	630	615	330	3495

North india college seat detail: (branch wise)

Delhi

- Admission criteria:** CET (GGSIP University, includes one college in NCR); AIEEE (for DCE/DTU & NSIT); IIT-JEE
Number of Engineering Colleges: 22
Total sanctioned intake: 7,788
Major disciplines: Computer Science; Electronics & Communications; Electrical & Electronics; IT; Mechanical

Noteworthy institutes: IIT-Delhi; DCE/DTU, Bawana Road; NSIT, Dwarka

MAJORITY of the student intake (81%) is in five disciplines: Electronics & Communications (24%); Computer Science (23%); IT (15%); Mechanical (12%) and Electrical & Electronics (8%). Next in the offing are: Electrical (290), Instrumentation & Control (240) and Civil (210). Chemical and Production Engineering have 140 and 120 seats respectively.

Northern India Engineering College; Faculty of Engineering & Technology, Jamia Milia Islamia; Delhi College of Engineering; Maharaja Agrasen Institute of Technology and Netaji Subash Institute of Technology feature amongst colleges where seat-intake is over 500. Ten colleges have more than 300 seats.

- Don't miss!** [Searchable database to find an engineering college](#)

Admission procedure

CET by Guru Gobind Singh Indra Prastha University gives access to approximately 73% of the seats in Delhi plus one institute in NCR. One must have completed 10+2 of CBSE or its equivalent with 55% marks in aggregate in Physics, Chemistry and Mathematics along with a pass percentage in each subject. One also needs to pass in English in the qualifying examination. Maximum age is 21 years for all applicants.

AIEEE gives access to seats in Delhi College of Engineering/ Delhi Technical University & Netaji Subhash Institute of Technology.

UNIVERSITY-WISE INTAKE IN ENGINEERING INSTITUTES IN DELHI						
University (No. of Institutes)	INTAKE	ECE	CSE	IT	ME	EEE
Delhi University/ Delhi Technical University (2)	1170	240	210	120	120	0
Jamia Milia University (1)	700	140	140	0	140	0
Guru Gobind Singh Indra Prastha University (17)	5100	1260	1260	900	600	540
Total (20)	6970	1640	1610	1020	860	540

Uttrakhand

- Admission criteria:** AIEEE
Number of Engineering Colleges: 11
Total sanctioned intake: 3711
Major disciplines: Computer Science; Electronics & Communications; IT

Noteworthy institutions: IIT Roorkee, GBPUAT, Pantnagar; GB Pant Engineering College, Ghurdhuri; Birla Institute of Applied Sciences, Bhimtal

THE first engineering college was established in the United Province in 1847 for training civil engineers at Roorkee, which made use of the workshops and public buildings erected for the Upper Ganges Canal. This college was added to the IIT system in 2001 and has an intake of 1013.

- **Don't miss!** [Searchable database to find an engineering college](#)

Top disciplines are Computer Science, Electronics and Communications, Mechanical, Electrical and IT which together account for 78% of seats in the state. Intake in prominent disciplines beyond the top five are Electrical & Electronics (120), Instrumentation (115), Industrial & Production (90), Civil Engineering (75). Candidates must take the AIEEE to be eligible for admission to BE/BTech in the State.

DISTRICT-WISE ENGINEERING UG SEATS IN UTTARAKHAND						
Districts (No. of Institutes)	Intake	ECE	CSE	ME	IT	EL
Almora (1)	180	30	60	375	30	60
Dehradun (2)	900	210	150	120	150	60
Garhwal (1)	25	0	0	0	0	0
Haridwar (2)	669	193	193	60	90	73
Nainital (1)	60	30	30	0	0	0
Pauri-Garhwal (1)	270	60	60	60	0	60
Uddham SinghNagar (1)	375	60	60	45	30	45
Total - 7 districts (9)	2479	613	553	315	270	238

• Haryana

Admission criteria: Haryana State Counselling Society using inter se merit of AIEEE.

Number of Engineering Colleges: 141

Total sanctioned intake: 43,793

Major disciplines: Computer Science; Electronics & Communications; Mechanical

Noteworthy institutions: NIT, Kurukshetra; DCRUST Murthal, Guru Jambheshwar UST, Hisar

HARYANA, through its e-governance initiatives is the first state to introduce "On Line Off Campus" (OLOC) counselling for all technical courses. NIT Kurukshetra, which has a student intake of 700 is one of the best institutions in the state. Admission to BE for over 42,000 seats, is done by Haryana State Counselling Society (HSCS)/National Informatics Centre (NIC) after online payment of a requisite non-refundable counselling fee.

Admission procedure

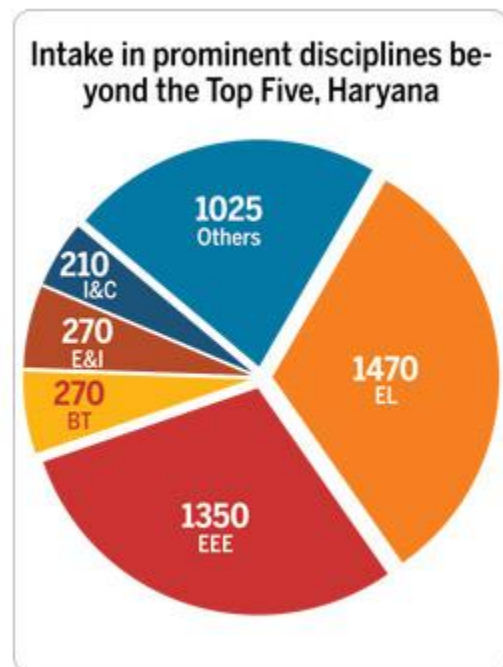
In 2009-10, admissions were made on the basis of the OLOC counselling, and registrations were done by logging on to www.tehadmissions.gov.in. Three counselling sessions are conducted. After the declaration of result of the first counselling the candidate who is allotted a seat and willing to accept it, is required to deposit admission fee (Rs. 20,000 in 2009-10) and confirm the admission. Students who have not been allotted any seat till third counselling are unsuccessful.

- **Don't miss!** [Searchable database to find an engineering college](#)

The distribution of seats for government/government-aided institutions and university departments are such that the state quota accounts for 85% of total seats and 15% of all-India category seats. Within the state quota, seats are evenly divided between reserved categories of Haryana and general candidates. For private unaided non-minority institutions, 75% seats are filled by HSCS while 25% of total sanctioned intake is filled by private engineering colleges. One seat is reserved in each course/discipline in every institute for admission of toppers of science stream. The minimum qualification is a pass in 10+2 examination or its equivalent examination with Physics and Mathematics as compulsory subjects along with one of the following subjects: Chemistry; Biotechnology; Computer Science or Biology.

Disciplines

Four disciplines account for 85% of the total sanctioned intake: Computer Science; Electronics & Communications; Mechanical and Information Technology. The district of Sonapat has maximum number of institutions and largest student intake (5460). The bigger institutions with intake of 600 and above are in districts of Kaithal (HCTM); Yamuna Nagar (SJMLIET) and Hisar (GJUST). 70% of the institutes in the state have an intake of 300 or less.



DISTRICT-WISE ENGINEERING UG SEATS IN HARYANA						
District (No. of Institutes)*	Intake	CSE	ECE	ME	IT	CE
Ambala (10)	2730	660	720	630	420	120
Bhiwani (4)	1400	300	300	240	240	120
Faridabad (16)	4920	1290	1170	990	810	120
Gurgaon (13)	4320	1290	1170	540	810	60
Hisar (7)	1935	510	450	300	270	120
Jhajjar (6)	1740	480	480	120	330	60
Jind (3)	900	210	240	150	180	-
Kaithal (3)	1170	240	240	180	210	180
Karnal (7)	1890	480	480	360	300	120
Kurukshetra (9)	2430	600	660	420	300	180
Mahendragarh (5)	1260	390	330	240	180	-
Mewat (1)	240	60	60	60		-
Palwal (5)	1620	420	420	330	360	60
Panchkula (3)	930	240	270	150	210	-
Panipat (7)	1950	510	540	360	390	-
Rewari (2)	660	150	180	180	60	-
Rohtak (7)	1920	510	480	300	330	60
Sirsa (2)	720	150	150	120	60	120
Sonapat (18)	5460	1410	1440	900	660	300
Yamuna Nagar (10)	3240	840	780	600	450	180
Total-20 districts (138)	41435	10740	10560	7170	6570	1800

Himachal Pradesh

- Admission criteria:** Entrance Test-AIEEE, thereafter centralised counselling by Department of Technical Education (DTE); AIEEE (NIT Hamirpur; UIIT Shimla, JUIT Wakanghat etc.); JEE (IIT Mandi)
Number of Engineering Colleges: 17
Total sanctioned intake: 4,549
Major disciplines: Electronics & Communications; Computer Science; Mechanical

Noteworthy institutions: NIT, Hamirpur; IIT Mandi; JLNSEC, Sundarnagar; UIIT Shimla (HPU); IITT College of Engineering, Kala Amb

FIRST established in 1986 as Regional Engineering College, the National Institute of Technology, Hamirpur has the largest intake of 449 in the State, though this is the least among all 20 NITs. In 12 districts of HP, only 6 have engineering colleges. While Sirmour has the largest intake, Mandi has more institutions. The latter also has an IIT, which at present has an equal intake of 40 each in Computer Science, Electrical and Mechanical. The increase in intake (nearly three-fold) in HP has been in the last three years. 75% of engineering institutions are private/self-financed.

Over two-third of the total sanctioned intake in HP (for institutions under DTE) is spread over three disciplines: Electronics & Communications; Computer Science; and Mechanical. Colleges with intake of over 350 are IEET, Baddi; IITTCE, Kala Amb and GHEC, Kumarhatti in Solan district.

Don't miss! Searchable database to find an engineering college

Admission procedure

Take AIEEE to be eligible. Candidates admitted in session 2009-10 were asked to get minimum 10% of total marks in AIEEE-09 in case of general category (5% for all reserve categories). Selections were done on merit of AIEEE marks and rank secured through a centralised counselling process. Vacant seats, if any, are filled at the discretion of individual institutions (management quota) after the last round of counselling through a public announcement in newspapers. General seats account for 85% of the total seats while 'all-India quota' constitute the rest.

DISTRICT-WISE ENGINEERING UG SEATS IN HIMACHAL PRADESH						
District (No. of Institutes)*	Intake	ECE	CSE	ME	CE	IT
Bilaspur (1)	240	60	60	60	60	
Hamirpur (2)	480	120	120	120	120	
Mandi (4)	920	210	210	160	120	120
Sirmour (2)	600	120	180	120	60	60
Solan (3)	1020	270	180	210	60	180
Una (1)	240	60	60	60	60	
Total-6 districts (13)	3500	840	810	730	480	360

Jammu Kashmir

- Admission criteria:** State Entrance Examination - CET
Number of Engineering Colleges: 6
Total sanctioned intake: 1838
Major disciplines: Computer Science; Electronics & Communications; Electrical & Electronics and Mechanical Engineering

Noteworthy institutions: National Institute of Technology, Srinagar, SSM College of Engineering, Baramulla, Institute of Engineering Technology & Research, Jammu Tawi.

NIT, Srinagar (558 seats), previously known as Regional Engineering College, was set up during the first Five Year Plan. MBS College, Jammu has maximum intake accounting for 36% of the total seats in the State.

- **Don't miss!** [Searchable database to find an engineering college](#)

Admission is through CET for which eligibility is a minimum score of 50% aggregate in general category and 40% for reserved, in 10+2 exam. Candidates must be permanent residents of J&K. Govt colleges allocate 50% of seats on the basis of open merit while the rest 50% are reserved for SC/ST/residents of backward area/adjoining actual line of control and sports persons

DISTRICT-WISE ENGINEERING UG SEATS IN JAMMU & KASHMIR						
District (No. of Institutes) *	Intake	CSE	ECE	EL	ME	CE
Jammu (3)	760	160	150	150	90	30
Srinagar (1)	240	60	60	0	60	60
Total: 2 districts (4)	1000	220	210	150	150	90

Punjab

- Admission criteria:** CET (Punjab Technical University); AIEEE; IIT-JEE
Number of Engineering Colleges: 91
Total sanctioned intake: 29,822
Major disciplines: Computer Science; Electronics & Communications; Electrical; Information Technology & Mechanical Engineering

Noteworthy institutes: IIT, Rupnagar; Dr B R Ambedkar National Institute of Technology, Jalandhar; PEC University of Technology; Lala Lajpat Rai Institute of Engineering & Technology, Moga.

PEC University of Technology, Chandigarh was originally established as Mugalpura Engineering College at Lahore (now Pakistan) in 1921. In 1953, the college was relocated to Chandigarh. In 2003, it became a deemed university and got renamed as PEC University of Technology. Indian Institute of Technology (IIT) Rupnagar with an intake of 120 has also started functioning from a temporary campus at IIT, Delhi. The NIT at Jalandhar has a total intake of 694.

Majority of the student intake (approximately 82%) is in four disciplines: Electronics & Communications (7249); Computer Science (7229); Mechanical (5014) & Information Technology (3460). Electrical Engineering (1670), Electrical & Electronics (590), and Civil Engineering (880) have a fair intake. Chemical Engineering has 205 seats and Architecture has 460 seats. Lovely Professional University, Phagwara has a huge number of seats (960) available for admission through the AIEEE.

- **Don't miss!** [Searchable database to find an engineering college](#)

Admission procedure

- CET Common Entrance Test conducted by Punjab Technical University gives access to approximately 76% of the seats in the region.
- The AIEEE makes you eligible for seats in Chandigarh, which are affiliated to Panjab University.

For admission to the Engineering/Architecture Courses, 85% seats are open to candidates from within the State and 15% are open to candidates from outside the State. Candidates need to appear in the Combined Entrance Test conducted by Punjab Technical University, Jalandhar.

a) For Engineering & Technology Courses: all those candidates who have passed the 10+2 examination with Physics and Mathematics as compulsory subjects along with one of the following subjects: Chemistry, Biotechnology, Computer Science and Biology.

b) For Architecture Course (candidates seeking admission to B Arch are not required to take CET – 2010): A candidate should have passed or appeared in 10+2 or equivalent examination from a recognised Board with Mathematics as a subject of study and securing 50% marks in aggregate.

DISTRICTWISE UG ENGINEERING INTAKE IN CHANDIGARH & PUNJAB						
District (No. of Institutes)	Intake	ECE	CSE	ME	IT	EL
Amritsar (7)	1885	555	525	375	180	60
Bathinda (2)	650	100	120	120	0	60
Chandigarh (5)	1325	150	240	210	90	120
Faridkot (1)	420	120	90	120	60	30
Fatehgarh Sahib (7)	2640	720	750	570	150	210
Ferozepur (1)	360	60	120	0	60	120
Gurdaspur (4)	950	180	180	210	120	60
Hoshiarpur (3)	722	194	194	134	60	0
Jalandhar (6)	1905	600	480	300	270	165
Kapurthala (4)	1295	340	300	195	90	0
Ludhiana (4)	1620	390	360	270	270	210
Moga (1)	50	0	0	0	0	0
Mohali (15)	5275	1470	1500	840	825	375
Mukatsar (3)	1260	360	300	240	180	120
Nawanshahar (4)	1540	450	390	360	120	120
Pathankot (2)	570	150	180	60	180	0
Patiala (11)	3185	790	850	630	445	80
Rupnagar (3)	900	230	320	140	90	0
Sangrur (3)	1090	240	240	180	210	60
TaranTaran (1)	300	60	90		60	90
Total: 20 districts (87)	27942	7249	7229	5014	3460	1670

Madhya Pradesh

- **Admission criteria:** State Entrance Examination – PET (Pre-Engineering Test)
Number of Engineering Colleges: 210
Total sanctioned intake: 69,803
Major disciplines: Computer Science, Electronics & Communications, Electrical & Electronics

Noteworthy institutes: IIT Indore, SGS Institute of Technology & Science, Indore; Institute of Engineering & Technology, Indore; Jabalpur Engineering College, Jabalpur; ABV Indian Institute of Information & Technology, Gwalior

JABALPUR Engineering College, the first engineering institution in MP, was established in 1947. SGS Institute of Technology & Science, Indore, established in 1952 was also amongst the first few in the State. Recent addition is IIT Indore, established in 2009. In the last decade, the number of colleges has grown to 204 in the State. These colleges are concentrated in 25 districts out of 48, and Bhopal district leads with a staggering number of

82 colleges.

Some institutes stand out such as the RKDF Institute of Science & Technology, Bhopal, with maximum intake capacity of 825, other institutes like Oriental Institute of Science & Technology, Bhopal and Truba College of Engineering & Information Technology also has sizable intake with 720 and 660 seats respectively.

Majority of the student intake (79%) is in four disciplines: Computer Science (24%), Electronics & Communication (23), Information technology (17%) and Mechanical (13%).

- **Don't miss!** [Searchable database to find an engineering college](#)

Admission procedure

The process is governed by Professional Examination Board, which prescribes candidates seeking admission in Engineering Colleges to be a bona fide resident of Madhya Pradesh and must have passed either of the two mentioned (a) HSC (10+2) from MP Board/other recognised board or (b) Diploma in Engineering or Architecture by Rajiv Gandhi Technological University or any other recognised university.

PET is an objective paper with three sections, i.e., Mathematics, Physics, and Chemistry of 300 marks each. There is a provision of reservation in Autonomous, Government Aided Colleges for SC, ST & OBC of 16, 20 & 14% respectively.

DISTRICT-WISE ENGINEERING UG SEATS IN MADHYA PRADESH						
District, (Institutes)*	Intake	CSE	ECE	IT	ME	CE
Badwani (1)	300	90	90	60	60	0
Balaghat (1)	240	60	60	60	0	60
Banmore (1)	330	90	90	90	0	0
Betul (1)	240	60	60	0	60	60
Bhopal (82)	28065	7020	6870	4710	4200	1920
Damoh (1)	300	60	90	60	0	60
Datia (2)	660	180	180	60	60	60
Dewas (1)	300	60	120	60	60	0
Gwalior (20)	6026	1410	1260	1028	867	433
Indore (42)	14970	3855	3525	2715	1770	1305
Jabalpur (21)	6710	1530	1710	1200	830	480
Jatkhedi (1)	240	60	60	0	60	60
Khandwa (1)	390	90	60	60	60	60
Khargone (1)	420	90	90	60	60	60
Mandsaur (1)	390	90	90	60	90	0
Morena (1)	450	120	120	60	90	0
Raisen (1)	240	60	60	60	0	60
Ratlam (2)	540	120	120	120	0	120
Rewa (3)	780	210	210	180	90	30
Sagar (6)	1650	390	450	360	180	120
Satna (3)	660	180	180	150	120	0
Sehore (1)	840	120	120	120	120	120
Tekampur (1)	180	0	0	60	0	0
Ujjain (8)	2620	630	570	390	420	240
Vidisha (1)	480	60	60	60	60	60
Total: 25 dist. (204)	68281	16635	16245	11813	9297	5368

Uttar Pradesh

Admission criteria: State Entrance Examination- SEE-UPTU; JEE (IIT Kanpur); AIEEE (MNNIT, Allahabad, IITs; ICT, Bhadohi; IAMR, Meerut; JKIAPT, Allahabad); Institute Entrance (ZHCET, AMU, Aligarh; Subharti etc)

Number of Engineering Colleges: 295

Total sanctioned intake: 1,00,777

Major disciplines: Electronics & Communications; Computer Science; IT

Noteworthy institutions: IIT Kanpur; IT-BHU; MNNIT, Allahabad; HBTI, Kanpur., IET, Lucknow

THE University of Banaras, (BHU) founded by Pandit Madan Mohan Malaviya in 1917 first started degree classes in mechanical and electrical engineering and in metallurgy. The foundation of IIT Kanpur-the first in Northern India, was aided by USA in 1959. UP is divided into 18 divisions and 71 districts. Interestingly, more than half the districts in UP do not have a single engineering college.

Admissions are largely through SEE in BE/BTech offered at institutions affiliated to UP Technical University. The State government permits 15% of total sanctioned seats available in private institutions to be filled by the NRI candidates under management quota. Candidates, who have passed the qualifying examination from an institution located in the State and who do not claim any reserved category status are eligible for admission to all the courses at all the institutions against available General seats. 50% of seats are reserved for SC/ST & OBC. Besides, there are reservations in sub-category for girls, dependents of freedom fighters etc.

The eligibility for appearing in SEE is intermediate exam of UP Board/10+2 or its equivalent wherein the subject combination is Physics & Mathematics as compulsory while one can opt one from Chemistry, Biology or Biotechnology. SEE assesses the candidates in their subject area with all objective type questions carrying 4 marks each. There is no negative marking. Cut-off percentage in SEE UPTU-2010 for merit of successful candidates is 25% (20% for SC/ST).

Top five disciplines namely Computer Science, Electronics & Communications; IT, Mechanical and Electrical & Electronics account for 86% of total intake. Meerut division has the maximum seats owing to large number of institutions in Noida/Greater Noida, in GB Nagar, Meerut and Ghaziabad. Institutions having large intake include Babu Banarasidas NITM, Lucknow; Hindustan College of Science & Technology Farah, Mathura and Anand Engineering College, Artoni, Agra.

DISTRICT-WISE ENGINEERING UG SEATS IN UTTAR PRADESH						
Division (Districts, No. of Institutes)	Intake	CSE	ECE	IT	ME	EEE
Agra (Agra-10, Firozabad-3, Mathura-17)	10560	2220	2220	1530	1890	810
Aligarh (Aligarh-7; Mahamaya-2; Kanshi-1)	3060	690	660	540	450	360
Allahabad (Allahabad-11; Kaushambi-3)	4695	1200	960	720	480	660
Bareilly (Bareilly-12)	3330	750	810	660	240	390
Chitrakoot (Banda-1)	420	90	120	30	90	60
Faizabad (Barabanki-6, Faizabad-1, Sultanpur-3)	2974	771	591	511	501	180
Gorakhpur (Gorakhpur-5, Maharajganj-1)	1815	465	390	240	360	60
Jhansi (Jhansi-3)	1280	240	210	100	225	
Kanpur (Kanpur-23, Kanpur Dehat-4)	8258	2220	1800	1500	1050	510
Lucknow (Lucknow-30, Raibareilly-1, Sitapur-3, Unnao-3)	12795	2790	2460	2260	1743	930
Meerut (Baghpat-4, Bulandshahar-2, GB Nagar-25, Ghaziabad-43, Meerut-33)	38340	9210	8430	6990	6000	3300
Moradabad (Bijnor-5, JP Nagar-2, Moradabad-5, Rampur-1)	3820	960	840	690	660	210
Saharanpur (Muzaffarnagar-4, Saharanpur-5)	2670	675	630	555	390	180
Varanasi (Jaunpur-2, Varanasi-3)	1500	390	360	330	120	120
Total: 14 divisions, 35 dist. (284)	95517	22671	20481	16656	14199	7770

West india engineering college seat (branch wise)

Maharashtra

FAST FACT

Admission criteria: Merit-list based on marks in MHT-CET (Maharashtra Common Entrance Test) **Number of Engineering Colleges:** 276

Total sanctioned intake: 90,038

Major disciplines: Computer Science; Electronics & Communications; Information Technology; Mechanical

Noteworthy institutes: IIT-Powai (Mumbai); VNIT, Nagpur; Govt. College of Engineering, Pune; University Institute of Chemical Technology, Mumbai; Vishwakarma Institute of Technology(VIT), Pune

THE School of Engineering was established in Pune in 1845 that offered a certificate course. In 1887, the Victoria Jubilee Technical Institute was established in Bombay, and the College of Engineering, Pune came into its current avatar by launching the civil engineering programme in 1912. Only 16 Engineering Colleges were established till 1983 when Government of Maharashtra granted permission to start private engineering colleges in the state. Since then the number of engineering colleges grew to 141 with an intake of approximately 41,000 by 2001, which has more than doubled in the last decade to 276 institutes with a total student intake of over 90,000. It is worthwhile to note that 253 out of the 272 institutes that follow MHT-CET, a staggering 93%, are private unaided institutes.

District-wise breakup of institutes as well as the intake in the disciplines having the maximum number of seats is detailed in the adjoining table.

A majority of the student intake (approximately 72%) is in four disciplines: Computer Science (21%); Electronics & Communications (20%); Mechanical Engineering (17%) and Information Technology (14%). Three other disciplines have a fair share of takers: Electronics Engineering (7%), Civil Engineering (7%), and Electrical Engineering (6%). Chemical Engineering has 1,600 seats and Instrumentation and Control has 1,500. G.H Raisoni College of Engineering, Priyadarshani College of Engineering, Yeshwantrao Chavan College of Engineering, Sinhgad College of Engineering & D.Y. Patil College of Engineering feature amongst colleges where the seat intake is more than 600. Almost 70 colleges have over 400 engineering seats at the UG level.

University-wise breakup of engineering institutes as well as the seats is given in the adjoining table: It is worthwhile to note that Pune University has an astounding 25,000 seats (approx.) spread across 71 different colleges.

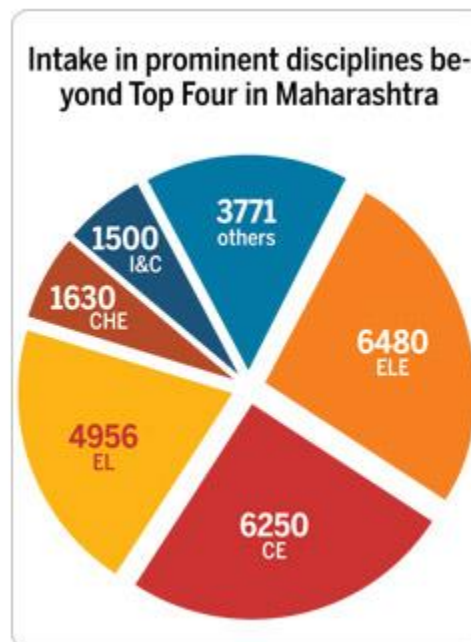
Admission procedure

- MHT-CET conducted by the Directorate of Technical Education gives you access to nearly 85% seats.
- Approximately 14% seats are reserved for admission through AIEEE (15% of all private unaided institutes).

In addition to the admissions in the first year BE/BTech, a number of students join various departments directly after first year in six autonomous institutes. These candidates are those who have previously completed diploma in engineering at polytechnics in Maharashtra and are admitted through a process conducted by the DTE.

You must have completed 10+2 through Maharashtra State Board of Secondary and Higher Secondary Education or its equivalent and secured minimum 50% marks (45% in case of BC candidates from Maharashtra) in Physics, Chemistry and Mathematics added together and obtained a valid (non-zero) score in subjects Physics, Chemistry and Mathematics added together at MHT-CET.

While candidates from outside Maharashtra (OMS) can appear for MHT-CET, they are eligible only for the institute-level seats of private unaided colleges. Hence 20% of 93% seats are available i.e., 18.6% of 88,300, which accounts for 16,400 seats. Further, there is no reservation amongst OMS candidates; all of them are considered as part of general category.



DISTRICT-WISE ENGINEERING UG SEATS IN MAHARASHTRA					
District (No. of Institutes)	Total intake	CSE	ECE	IT.	ME.
Ahmednagar (8)	2760	420	600	330	630
Akola (1)	270	60	0	0	0
Amravati (12)	3204	726	786	540	426
Aurangabad (13)	3937	870	750	420	660

Beed (3)	720	210	120	60	60
Bhandara (1)	300	60	60	60	60
Buldhana (4)	1200	270	300	180	240
Chandrapur (4)	1160	270	120	40	240
Dhule (4)	1320	360	300	120	240
Gadchiroli (1)	240	60	60	0	0
Gondia (1)	480	60	120	30	90
Hingoli (2)	240	120	60	0	120
Jalgaon (9)	3030	660	750	270	630
Jalna (1)	210	60	60	30	60
Kolhapur (11)	3930	720	540	360	690
Latur (3)	750	120	60	60	180
Mumbai (12)	3665	780	780	660	240
Mumbai-Suburban (11)	3570	900	600	780	240
Nagpur (36)	11939	2610	2370	1710	1440
Nanded (3)	1050	270	120	120	120
Nandurbar (1)	390	60	60	60	60
Nashik (12)	3760	810	750	540	840
Osmanabad (3)	900	180	240	60	240
Pune (51)	18185	3945	4185	2770	3645
Raigad (11)	4060	780	840	520	570
Ratnagiri (4)	1200	180	180	150	270
Sangli (7)	2340	390	360	270	480
Satara (6)	1680	300	300	240	390
Sindhudurg (1)	240	60	120	0	0
Solapur (8)	2520	540	510	240	690
Thane (17)	5450	1290	1080	740	720
Wardha (7)	1980	450	420	360	240
Yavatmal (4)	1380	300	330	210	270
Total 33 districts (272)	88300	18891	17931	11930	14781

UNIVERSITY-WISE BREAK-UP OF SEATS AND INSTITUTES		
Name of University	Intake	Institutes
Dr. B.A.T University	540	1
S.N.D.T University	180	1
Mumbai University	17,465	54
Pune University	24,705	71
North Maharashtra University	4,740	14
Dr. B. A Marathwada University	5,767	20
S. R. T Marathwada University	2,280	8

Shivaji University	7,950	24
Sant Gadge Baba Amravati University	6,054	21
Rashtrasant Tukadoji Maharaj Nagpur University	16,099	50
Solapur University	2,520	8
Total	88,300	272

Goa

- Admission criteria:** Merit list based on marks in Goa Common Entrance Test (GCET) to be conducted on May 12, 13, 2010
Number of Engineering Colleges: 5
Total sanctioned intake: 1,419
Major disciplines: Computer Science, Electronics and communication and Information Technology

Noteworthy institute: [Goa College of Engineering, BITS Goa](#)

FOUNDED in 1967, the Goa Engineering College is the oldest one in the state, and the one with the largest library and campus. Goa has three more institutes, one of which offers Architecture. The admission intake in the top three branches, i.e., Computer Science, electronics and communication and information Technology offer 192 seats, each.

- **Don't miss!** [Searchable database to find an engineering college](#)

Admission procedure

Candidates must complete 10+2 through Higher Secondary School Certificate exam by Goa Board of Education or its equivalent with 50% (40% for SC, ST, OBC) aggregate marks in Physics, Chemistry & Mathematics. One must also be a resident of Goa. The Directorate of Technical Education conducting GCET, reserves 46% of seats for SC/ST/others as per rules. GCET is divided into four papers of two hours each in Physics, Chemistry, Mathematics and Computer Science comprising 75 questions each, one mark for each correct question and no negative

DISCIPLINE WISE INTAKE IN TOP FOUR BRANCHES IN GOA				
Institutes (Intake)*	CSE	ECE	IT	ME
Goa Engineering College (352)	66	66	66	44
Padre Conceicao College of Engg, Verna (240)	60	60	60	60
Shree Rayeshwar Institute of E. & Info Tech., Shiroda, (198)	66	66	66	0
Goa College of Architecture, Altinho (30)	0	0	0	0
Total: 4 institutes (820)	192	192	192	104

Rajasthan

- Admission criteria:** Merit list based on marks in RPET (Rajasthan Pre- Engineering Test) to be conducted on 20th May, 2010; JEE (IIT Jodhpur); AIEEE (Malviya NIT; LNMIT, Jaipur National University, Sir Padampat Singhania University, Jayoti Vidyapeeth Women's University, Mewar University); BITSAT (BITS Pilani)
Number of Engineering Colleges: 58
Total sanctioned intake: 21,674
Major disciplines: Electronics & Communications; Computer Science; Electrical & Electronics

Noteworthy institutes: [BITS- Pilani](#); [Malviya National Institute of Technology, Jaipur](#); [IIT Jodhpur](#); [Geetanjali Institute of Technical Studies, Udaipur](#)

STATE of Rajasthan hosts a new Indian Institute of Technology at Jodhpur (120 seats), one National Institute of Technology established in Jaipur in 1963, a few prominent deemed universities including BITS Pilani which was set up on the lines of Massachusetts Institute of Technology (MIT) and more than fifty other institutes that offer UG programmes in engineering. Out of 32 districts in the state, 11 have at least one engineering institution. Jaipur district accounts for the maximum number of colleges (44%) and the largest student intake (51%) in the state. LN Mittal Institute of Information Technology in Jaipur, a relatively new institution, has a total intake of 240. MBM Engineering College in Jodhpur has the maximum intake of 430 among all RPET institutions. One-third of the institutions has an intake of 400 and above. Majority of the student intake (71%) is in four disciplines: Electronics & Communications (24%); Computer Science (21%); Electrical & Electronics (14%) and Information Technology (13%). Electronics and Instrumentation with 570 seats and Civil Engineering with 508 seats, also have a fair number of takers. Those willing to pursue a course in Biomedical

Engineering, can opt for 60 seats in NIMT Institute of Engineering & Technology, Kotputli in Jaipur district. Similarly there are 25 and 21 seats in Dairy and Food Technology respectively at the College of Dairy & Food Science Technology in Udaipur.

Don't miss! [Searchable database to find an engineering college](#)

Admission procedure

You must take the RPET which is followed by counselling for allocation of the preferred disciplines. The eligibility to appear for the entrance test is a pass in Class XII exam or its equivalent. RPET comprises a single exam of three-hour duration containing 40 objective-type questions in each subject, i.e., Physics, Chemistry and Mathematics, making it 120 questions of one mark each. There is no negative marking. Apart from RPET, admission to some institutes is through AIEEE. The prominent institutes are Malviya National Institute of Technology, Jaipur with 704 engineering seats and Mewar University, Chittorgarh with an intake of 960. One should appear for BITSAT to be eligible for 837 engineering seats in BITS Pilani. The Government of Rajasthan prescribes (except in case of private unaided institutes) reservation of seats with 16% for SC, 12% for ST and 21% for non creamy layer OBC category. There is also a provision for horizontal reservation of 3% for physically handicapped, 25% for women candidates and 3% for dependents of deceased defence personnel, ex-servicemen and gallantry award winners. Five percent of the total intake capacity over the sanctioned strength is for Kashmiri migrants.

DISTRICT-WISE ENGINEERING UG SEATS IN RAJASTHAN						
District, Institutes	Intake	ECE	CSE	EL	IT	ME
Ajmer (2)	780	180	180	45	90	135
Alwar (5)	1620	420	360	120	300	120
Bhilwara (2)	500	120	60	60	100	0
Bikaner (2)	720	180	180	120	60	120
Jaipur (24)	8385	1980	1710	1185	1140	1020
Jodhpur (4)	1450	270	273	314	90	240
Jhunjhunu (1)	240	0	60	60	60	0
Kota (3)	960	210	180	120	90	60
Rajsamand (1)	360	120	120	60	60	0
Sikar (2)	690	210	210	60	120	60
Udaipur (2)	633	160	100	100	0	100
Total: 11 districts (48)	16338	3850	3433	2244	2110	1855

Gujrat

FAST FACTS

Admission criteria: GUJ-CET (Gujarat Common Entrance Test); AIEEE (SVNIT, Surat)

Number of Engineering Colleges: 89

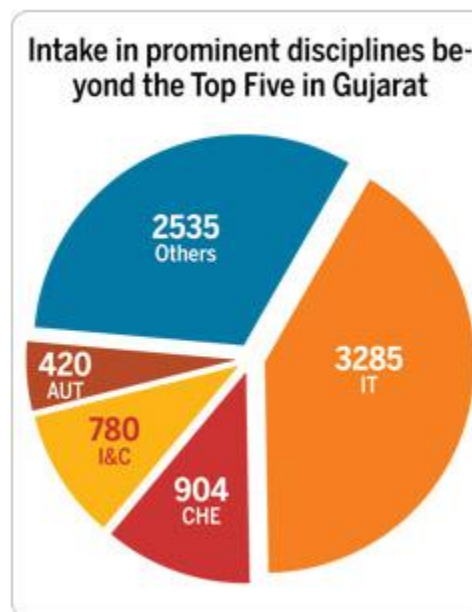
Total sanctioned intake: 32,885

Major disciplines: Computer Science; Electronics & Communications; Mechanical; Electrical & Civil Engineering.

Noteworthy institutes: IIT-Gandhinagar; SVNIT, Surat; Dhirubhai Ambani Institute of ICT, LD Engineering College, Ahmedabad

Don't miss! [Searchable database to find an engineering college](#)

SARDAR Vallabhbhai National Institute of Technology, Surat, now a National Institute of Technology, was established in 1961 as one of the 17 Regional Engineering Colleges. IIT Gandhinagar has also been established in 2009 with an intake of 120 seats. Most of the student intake (approximately, 85%) is in six disciplines: Computer Science (17%); Electronics & Communications (20%); Mechanical (17%); Electrical (11%); Civil (10%) and Information Technology (10%). Chemical with 904 seats; Instrumentation and Control with 780 seats and Automobile Engineering with 420 seats are disciplines worth mentioning in terms of intake. The district of Rajkot has the highest intake in Gujarat (13%). LD Engineering College in Ahmedabad with 1140 UG seats, has one of the largest student intake in Gujarat. Admission procedure Students can gain admission in



Gujarat engineering colleges through the GUJ-CET or Gujarat Common Entrance Test conducted by the Admission Committee for Professional Courses (ACPC). This year onwards, ACPC is conducting online counselling for admission to all engineering colleges in the state. GUJ-CET is open only to the candidates who belong to Gujarat. For SVNIT, students have to appear for the AIEEE which reserves 85% seats for candidates from Gujarat. Candidates should have passed the HSC (class XII) exam of Gujarat State Board of Secondary and Higher Secondary Education or its equivalent and secured minimum 50% marks in Physics, Chemistry and Mathematics added together. Candidates also must obtain a valid (non zero) score in subjects Physics, Chemistry and Mathematics added together at GUJ-CET.

DISTRICT-WISE ENGINEERING UG SEATS IN GUJARAT						
District (No. of Institutes)*	Intake	ECE	CSE	ME	EL	CE
Ahmedabad (10)	3990	690	720	720	300	360
Amreli (1)	240	60	0	60	60	60
Anand (6)	2804	450	450	390	419	240
Banaskantha (1)	240	0	0	60	60	60
Bardoli (2)	540	120	120	60	60	120
Bharuch (3)	1065	270	120	240	240	60
Bhavnagar (2)	1320	240	60	240	60	180
Dahod (1)	480	60	60	120	120	120
Gandhinagar (9)	3570	750	810	540	240	180
Jamnagar (2)	480	120	60	60	120	60
Junagadh (1)	300	60	60	60	0	60
Kheda (2)	534	120	120	0	0	60
Kutch (1)	720	120	0	120	120	120
Mehsana (9)	2790	720	570	570	180	270
Navsari (2)	570	120	150	60	120	60
Panchmahal (2)	480	120	60	120	120	60
Patan (1)	480	120	120	120	60	60
Porbandar (1)	240	60	0	60	60	60
Rajkot (11)	4080	810	720	750	360	300
Sabarkantha (4)	1620	270	330	120	240	180
Surat (5)	1950	390	240	330	240	360
Surendranagar (2)	660	150	150	120	0	0
Vadodara (6)	2220	420	540	330	300	230
Vallabhnagar (1)	120	60	0	0	0	0
Valsad (1)	420	0	0	120	60	60
Total 25 Districts (86)	31913	6300	5460	5370	3539	3320

East India engineering seats: (Branch wise)

Bihar

Admission criteria: Bihar Combined Entrance Competitive Exam (BCECE), AIEEE (NIT Patna); JEE (IIT Patna)

Number of Engg Colleges: 11

Total sanctioned intake: 2580

Major disciplines: Computer Science; Electronics & Communications; Mechanical

Noteworthy institutions: IIT, Patna; NIT, Patna; Birla Institute of Technology, Patna; Bihar Institute of Silk & Textiles, Nathnagar

NATIONAL Institute of Technology, Patna is the 18th NIT after the rechristening of erstwhile Bihar College of Engineering, Patna, in 2004. IIT Patna, established in 2008 has an intake of 40 each in Computer Science, Electrical and Mechanical Engineering. BIT, Patna is another engineering college in Bihar with intake of 165. Bihar Institute of Silk & Textiles located at Nathnagar is one of its kind offering a UG degree in Silk Technology (50 seats).

Top disciplines are Computer Science, Electronics and Communications, Mechanical, Electrical and IT which together account for 85% of seats in the state. The other prominent disciplines are Civil Engineering (120 seats) and Electrical & Electronics with 60 seats.

Don't miss! [Searchable database to find an engineering college](#)

Admission procedure

The admission to colleges in Bihar is through the Bihar Combined Entrance Competitive Exam (BCECE), which is conducted by Bihar Combined Entrance Competitive Examination Board for granting admissions in Engineering, Medical and Agricultural courses. In order to be eligible for appearing in BCECE, the candidates must have passed 10+2 or equivalent exam with Chemistry, Physics, Mathematics or Biology. Candidates who have appeared in the finals of the qualifying exam are also eligible. For engineering stream, there is no minimum age limit. In case of SC/ST candidates there is a 5-year relaxation in the upper age limit. The first stage of exam was held on 31st January, 2010 while the dates of the second stage are yet to be announced.

INTAKE IN TOP 5 DISCIPLINES						
	Total	ME	ECE	CSE	EE	IT
Intake	1775	435	410	280	225	160

Jharkhand

Admission criteria: Jharkhand Combined Entrance (JCECE); AIEEE (NIT Jamshedpur, NIFFT, Ranchi, BIT Mesra); JEE(ISM)

Number of Engg Colleges: 10

Total intake: 4273

Major disciplines: Electronics & Communications, Computer Science; Mechanical

Noteworthy institutions: NIT, Jamshedpur; ISM, Dhanbad; BIT, Mesra, NIFFT, Ranchi

THE Indian School of Mines, Dhanbad is one of the oldest institutions in the country, established in 1926. Birla Institute of Technology, Mesra, Ranchi and ISM, Dhanbad consistently figure in the best engineering colleges in India. National Institute of Foundry & Forge Technology offers students UG degrees in Metallurgy & Mfg.

The top disciplines, Computer Science, Electronics & Communications, Mechanical, Electrical & Electronics and Civil account for 70% of the seats. Three other disciplines have a fair share of intake: Production (166), Metallurgy and Material Science (164), and Electrical (159). There are 91 seats in the state in Chemical Engineering at Birsa Institute of Technology, Dhanbad.

Don't miss! [Searchable database to find an engineering college](#)

Admission procedure

Students can gain admission to Engineering Colleges in Jharkhand either through State CET (JCECE) conducted by Jharkhand Combined Entrance Competitive Exam Board or AIEEE. One needs to appear in AIEEE for 530 seats in NIT; 495 seats in BIT Mesra, and 139 seats in NIFFT, Ranchi.

For the CET, the candidates must have passed 10+2 or equivalent examination from a recognized board with the following subjects: Physics, Chemistry, Mathematics and English. There is no age limit for the candidates.

DISTRICT-WISE ENGINEERING UG SEATS IN JHARKHAND						
District (No. of Institutes)	Intake	ECE	CSE	ME	CE	EEE
Dhanbad (1)	680	52	38	105	98	0
Koderma (1)	240	60	60	60	0	0
Ranchi (2)	420	120	120	60	60	0
Singhbhum (1)	420	120	120	120	79	60
Total: 4 districts (5)	1760	352	338	345	158	120

North east

- **Admission criteria:** Entrance Examination varies state-wise: JEE (IIT Guwahati); AIEEE (NIT, Silchar; NIT Agartala); State Common Entrance Exam (CET for Assam; CTE for Manipur, NEE for NERIST, Arunachal Pradesh)
Number of Engineering Institutes: 16
Total sanctioned intake: 3,918
Major disciplines: Electronics & Communications; Computer Science; Civil Engineering; Mechanical Engineering

Noteworthy institutions: IIT Guwahati; NIT Agartala, NIT Silchar; Assam NERIST, Itanagar; Tezpur University; NEHU..

OWING to the great need for quality technical and engineering education in the North-East (NE) region, six of the ten new National Institutes of Technology (NITs) are proposed to be established in the XI Plan. These would be set up in Manipur, Meghalaya, Mizoram, Nagaland, Arunachal Pradesh and Sikkim. There are two NITs in the region at Silchar and Agartala with a combined intake of 990 seats, IIT Guwahati was established in 1994 with intake of 469 which also offers a degree in Design - the only UG level engineering degree of its kind in an IIT. Assam with eight institutes accounts for more than half of the total UG intake (2068) in engineering in the North-East.

Don't miss! [Searchable database to find an engineering college](#)

Admission procedure

While the admission to UG programmes in engineering varies from State to State, within the states too, the institutes have their own exam/criteria. However, to be eligible for appearing in any of these engineering entrance exams, a candidate must be an Indian citizen, and a permanent resident of the state. She/he should have passed the Higher Secondary Examination of the State Higher Secondary Education Council, or its equivalent, usually with Physics, Chemistry, Mathematics and English, securing a minimum aggregate of marks (which in most of the cases is 50% for general candidates, 45% for Schedule Castes, and 40% in the case of Schedule Tribes). Candidates from the NE region securing any of the top ten positions in the 10+2 Board/Council Examinations with a certain percentage are eligible for direct admission to the UG programme. For instance, in North Eastern Regional Institute of Science & Technology (NERIST), Itanagar, admissions are through an exam called NEE wherein 90% of the seats are filled by candidates from eight NE states and remaining 10% from the rest of India.

STATE-WISE ENGINEERING UG SEATS IN THE NORTH EASTERN STATES						
State (No. of Institutes)	Intake	ECE	CSE	CE	ME	IT
Arunachal Pradesh (1)	210	30	30	100	30	30
Assam (4) *	948	200	130	128	140	60
Manipur (1)	150	60	60	30		
Meghalaya (1)*	180	60	60			60
Mizoram (1)	120	40	40	40		
Sikkim (1)	540	60	120	60	60	60
Total: 9 institutes in 6 states	2148	450	440	288	230	180

West Bengal

- **Admission criteria:** Merit list based on marks in JEM & AIEEE
Number of Engineering Colleges: 59
Total sanctioned intake: 18,714
Major disciplines: Computer Science, Electronics & communication; IT

Noteworthy institutes: IIT Kharagpur; NIT, Durgapur; Jadavpur University

'GATEWAY to the East', as the State is popularly known, is often recalled for pioneering engineering institutions. The growth in their number has been at the rate of 11% approximately since the last decade and offers fair number of options to pursue technical education. IIT Kharagpur, the first IIT, established in 1951, stands out with the highest number of seats (1187) amongst other IITs. Most of the intake in WB (71%) is in 4 disciplines: Computer Science (3552), Electronics & Communication (3352); IT (2882) and Electrical (2135).

Don't miss! [Searchable database to find an engineering college](#)

Admission procedure

In order to take the exam the candidates must have secured at least 50% marks (40% marks for SC, ST) at 10+2 level. The candidates must pass 10+2 from West Bengal Council of Higher Secondary Education or equivalent.

JEM consists of three sections: Maths, Physics and Chemistry. There are two sessions: Maths of 100 marks and Physics & Chemistry of 50 marks each. Multiple answer questions carry 80% weightage, while 20% is short answer type. Each incorrect response results in deduction of one-third marks.

DISTRICT-WISE ENGINEERING UG SEATS IN WEST BENGAL						
District (No. of Institutes)*	Intake	CSE	ECE	IT	EL	ME
24 Parganas (2)	690	120	120	120	60	0
Agarpara (1)	360	120	60	60	60	0
Bankura (2)	660	120	150	120	120	60
Birbhum (2)	720	150	150	120	120	60
Burdwan (3)	1020	210	210	180	210	30
Cooch Behar (1)	30	0	0	0	0	0
Darjeeling (1)	390	90	90	60	60	0
Durgapur (4)	1320	300	300	180	120	60
Howrah (4)	1389	300	300	180	120	60
Jalpaiguri (1)	360	60	60	60	60	60
Kolkata (24)	6870	1472	1322	1212	845	225
Malda (1)	240	60	60	60	60	0
Midnapur (3)	1360	240	240	180	120	60
Murshidabad (3)	550	160	120	120	60	0
Nadia (4)	815	150	170	170	120	60
Total: 15 districts (56)	16774	3552	3352	2882	2135	735

Chattishgarh

FAST FACTS

Admission criteria: State Entrance Exam–PET; AIEEE (NIT, Raipur/IoT, Bilaspur)

Number of Engineering Colleges: 51

Total sanctioned intake: 16,923

Major disciplines: Mechanical, Computer Sc. Electronics & Communications

Noteworthy institutes: NIT, Raipur; IoT Bilaspur

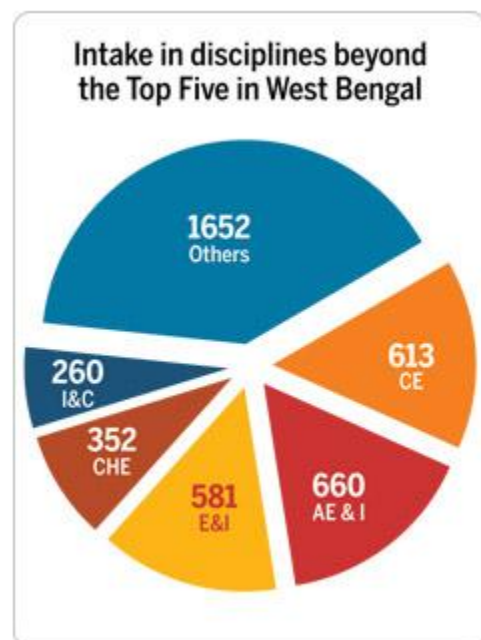
THIS mineral-rich state is host to several big firms that often recruit engineers. Out of 16 districts, only 7 have engineering colleges. Durg with 16 colleges, one short than Raipur, accounts for the maximum intake of 5940. NIT Raipur, as it is known today, was set-up in 1956 as Government College of Mining & Metallurgy. One of the characteristics in Chhattisgarh is the low cost of engineering education even in private institutions. As per the government order in March '10, the fee ranges from Rs. 21,150-24,150 per semester.

Two-third of the sanctioned intake is spread across just 3 disciplines: Mechanical, Computer Science and Electronics & Communications. There are two colleges in Bhillai having more than 650 seats: Shri Shankaracharya College and Rungta College. Ironically, there are only 20 seats in Mining Engineering at GEC, Bilaspur and 60 seats in Metallurgy at OPJIT, Raigarh. Among the amalgamated disciplines, Mechatronics is offered at CSIT, Durg (60 seats).

Don't miss! [Searchable database to find an engineering college](#)

Admission procedure

Usually, 60% are admitted through Chhattisgarh PET; 25% through AIEEE and 15% through management quota. The eligibility for PET is a pass in Class 12 with Physics and Maths as compulsory subjects. The admissions are only for permanent residents of Chhattisgarh.



DISTRICT-WISE ENGINEERING UG SEATS IN CHHATTISGARH						
District (No. of Institutes)*	Intake	ME	CSE	ECE	IT	CE
Bastar (1)	140	30		30	30	20
Bilaspur (5)	1580	280	310	340	280	170
Durg (16)	5940	1380	1170	1290	720	480
Korba (1)	240	60	60			60
Raigarh (2)	540	120	120	60	60	60
Raipur (17)	5140	1380	1170	1050	630	430
Rajnandgaon (7)	2100	540	480	450	330	180
Total-7 districts (49)	15680	3790	3310	3220	2050	1400

Orissa

FAST FACTS

Admission criteria: Merit list based on marks in JEE (Joint Entrance Exam) - Orissa

Number of Engineering Colleges: 96

Total sanctioned intake: 29,379

Major disciplines: Computer Science; Electronics & Communications; Electrical & Electronics Engineering

Noteworthy institutes: Indian Institute of Technology (IIT), Bhubaneswar

THE first industrial school in Orissa was opened in 1884, in Alalpur, Balasore. A survey school began at the same time in Cuttack, which later on became the Orissa School of Engineering, marking the beginnings of technical education in the State. The Indian Institute of Technology, Bhubaneswar is the first of the six new Indian Institutes of Technology established by the Ministry of HRD, Government of India, in 2008.

Most of the student intake (71%) is in four disciplines: Computer Science (5,865); Electronics & Communications (6,718); Mechanical Engineering (4,040) and Electrical & Electronics Engineering (3,390). Four other disciplines have a fair share of intake: Information Technology (2,500), Electrical (2,346), Civil Engineering (1,170) and Applied Electronics & Instrumentation and Control (1,050 seats).

Gandhi Institute of Engineering & Technology, Gunupur & C.V. Raman College of Engineering, Bhubaneswar have more than 500 seats each. 47 colleges have more than 300 engineering seats each at the UG level.

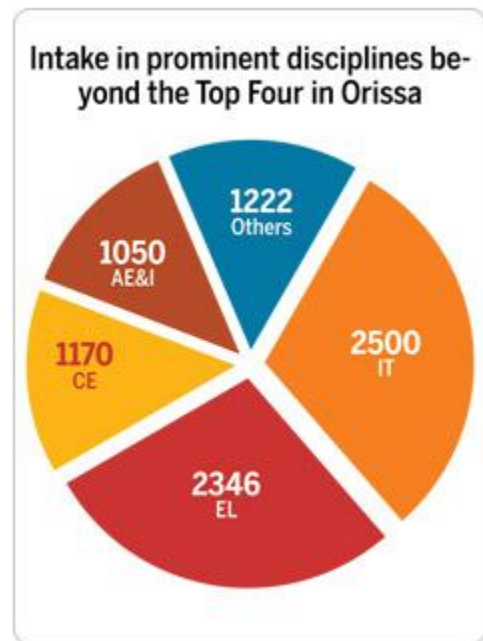
Don't miss! [Searchable database to find an engineering college](#)

Admission procedure

The government of Orissa conducts a competitive Joint Entrance Examination (JEE) annually to select students for admission into the various engineering colleges.

Eligibility criteria

Pass or appearing in the current year in 10+2 examination of CHSE or equivalent, with Physics and Mathematics along with one of the following subjects: Chemistry/Biotechnology/Computer Science/Biology or Diploma holders including those having less than 60% marks in aggregate from State Council for Technical Education & Vocational Training (SCTE&VT), Orissa or equivalent are eligible for admission to 1st year Engineering/Technology.



DISTRICT-WISE ENGINEERING UG SEATS IN ORISSA					
District (No. of institutes)	Intake	ECE	CSE	ME	EEE
Angul (1)	240	60	60	0	60
Balasore (5)	1,260	360	300	300	120
Bargarh (2)	570	120	120	60	60

Berhampur (1)	240	60	0	60	0
Bhadrak (1)	340	60	60	60	0
Cuttack (7)	2,130	540	360	300	180
Dhenakanal (2)	690	165	165	90	0
Gajapati (1)	420	90	60	60	60
Ganjam (8)	2,460	570	600	300	360
Jajapur (1)	103	43	0	0	0
Jharsuguda (1)	240	60	60	60	0
Kalahandi (1)	240	0	60	60	0
Keonjhar (1)	208	0	0	65	0
Khurda (48)	14,485	3,480	3,000	1,890	2,160
Koraput (1)	330	90	60	60	0
Mayurbhanj (1)	420	120	90	60	0
Puri (1)	240	60	60	60	0
Rayagada (4)	1,860	420	330	270	180
Sambalpur (2)	550	90	150	120	0
Sundargarh (4)	1,275	330	330	160	210
Total 20 districts (93)	28,301	6,718	5,865	4,040	3,390

•