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INDIA'S BEST ENGINEERING COLLEGES

› RATING
› RESEARCH RANKING
› STATE PROFILES

FEATURES

WHICH IITs DO TOPPERS OPT FOR?
UNIQUE JOB PROFILES FOR ENGINEERS
MOST POPULAR BRANCHES
MEDICINE: AIPMT ANALYSIS

SPECIAL: TOP ENGINEERING EXAMS IN INDIA



TAMIL NADU

The state of Tamil Nadu alone accounts for over 500 engineering colleges drawing students from not only across the country but also from different parts of the globe. Tamil Nadu also has a literacy rate of 80.33% as per the 2011 census. As per an ASSOCHAM report the state is also among the top Indian states with close to 100% Gross Enrollment Ratio (GER) in primary and upper primary education, which gives a push to demand for higher technical education.

The best rated colleges here (other than IIT) are NIT, Tiruchirappalli; Amrita; SASTRA; SRM; VIT; PSG College of Technology, Coimbatore; Thiagarajar College of Engineering, Madurai (AAAA+) and there are nine AAAA institutes in the state.

The state has as many as 17 institutions among the top 100 in this year's research ranking and that has a mix of both public and private institutions. There are 8 among the top 50 with IIT Madras at 4th rank, followed by Anna University (CEG campus) at 6; VIT University at 14; NIT Tiruchirappalli at 21; SASTRA University, Thanjavur at 28; SRM University, Chennai at 34; Amrita School of Engineering, Coimbatore at 39 and Kongu Engineering College, Erode at 45. IIT Madras has filed 174 Indian patents till date of which 10 have been granted; similarly Anna University has filed 106 patents at IPO of which 13 have been granted till date. The good thing about all these institutions that figure in top 100 is that they emphasize on research along with teaching and they have good publication count in refereed journals and are also active in filing IPRs.

Institute	Rating 2016
INSTITUTIONS OF NATIONAL IMPORTANCE	
Indian Institute of Technology, Madras	AAAAA
National Institute of Technology, Tiruchirappalli	AAAA+
IIT, Design and Manufacturing, Kancheepuram	AAA+
CENTRAL/DEEMED/STATE PRIVATE UNIVERSITIES	
Amrita School of Engineering, Coimbatore	AAAA+
SASTRA University, Thanjavur	AAAA+
SRM University, Chennai	AAAA+
VIT University, Vellore	AAAA+
Kalasalingam University, Virudhunagar	AAAA
Karunya University, Coimbatore	AAAA
BS Abdur Rahman University, Chennai	AAA+
Hindustan University, Kelambakkam	AAA+
Sathyabama University, Chennai	AAA+
Vel Tech Dr Rangrajan Dr Sakunthala Technical University, Chennai	AAA+
Bharath University, Chennai	AAA
Periyar Maniammai University, Thanjavur	AAA
Vels University, Chennai	AAA
Indian Institute of Information Technology, Srirangam	NR
STATE UNIVERSITIES/UNIVERSITY DEPARTMENTS/AFFILIATED COLLEGES	
College of Engineering, Anna University, Chennai	AAAA+
PSG College of Technology, Coimbatore	AAAA+
Thiagarajar College of Engineering, Madurai	AAAA+
Adhiyamaan College of Engineering, Hosur	AAAA
Coimbatore Institute of Technology, Coimbatore	AAAA
Kongu Engineering College, Erode	AAAA
Kumaraguru College of Technology, Coimbatore	AAAA



100 BEST INDIAN INSTITUTES IN RESEARCH OUTPUT

Here's a listing of outstanding research institutions in Science and Technology domain...

by Dr. Nimesh Chandra

The institutes of national importance namely the IITs, NITs, IISERs and select IIITs, dominate the research landscape accounting for as many as 40 places in the top 100 institutes. These 100 best engineering schools account for over 21,600 records in Thomson Reuter's 'Web of Science' index. Tamil Nadu with 17 entries has the maximum number of institutes in the 100-Best list followed by Uttar Pradesh at a distant 9. The publication count variance annually is 1100-1500 articles from premier institutes like the established IITs to about 35-70 from institutes that lie in the 80-100 rank bracket. The new IITs like Indore, Ropar and Hyderabad are giving a close fight while the private universities such as VIT, Thapar, BITS

Pilani, SRM, Amrita, IIIT Hyderabad and Manipal have been aggressively promoting research.

The Methodology

The scholarly productivity assessment of engineering schools in the country was carried out using conspicuous and crucial Scientometric indicators. Out of over 3500 institutes that offer an undergraduate programme in engineering, the scholarly publication data of around 800 were extracted from the Web of Science (WoS) database produced by Thomson Reuters. This exercise was carried out on the WoS version that comprised Science Citation Index Expanded (SCI-EXPANDED), and associated citation index that included the Conference Proceeding, Book Citation Index - Science (BKCI-S), Book Citation Index- Social Sciences &

Institute	Intellectual Property (15)	Publication Count (30)	Productivity (25)	Citation Impact (15)	h-index (15)	Total Score (100)	Rank 2016
Indian Institute of Technology, Bombay	12.76	29.28	17.98	9.99	15.00	85.01	1
Indian Institute of Technology, Kharagpur	12.79	30.00	17.61	8.51	14.00	82.91	2
Indian Institute of Technology, Delhi	11.72	26.25	18.06	7.89	12.00	75.92	3
Indian Institute of Technology, Madras	3.83	25.71	23.01	7.36	13.00	72.91	4
Indian Institute of Technology, Kanpur	9.64	21.38	18.53	8.48	12.50	70.53	5
College of Engineering, Anna University, Chennai	3.29	18.09	25.00	5.38	9.00	60.76	6
Indian Institute of Technology, Roorkee	0.75	19.34	17.36	9.07	13.50	60.02	7
Institute of Chemical Technology, Mumbai	4.71	7.20	24.94	10.89	10.00	57.74	8
Jadavpur University, Kolkata	9.46	14.03	9.63	6.85	10.50	50.47	9
Indian Institute of Technology, Indore	0.10	4.12	18.20	15.00	13.00	50.42	10



ENGINEERING SPECIAL

RESEARCH RANKING

Institute	Intellectual Property (15)	Publication Count (30)	Productivity (25)	Citation Impact (15)	h-index (15)	Total Score (100)	Rank 2016
National Institute of Technology, Surathkal	0.10	4.25	6.19	5.27	6.50	22.31	38
Amrita School of Engineering, Coimbatore	0.17	5.43	5.48	4.96	6.00	22.04	39
Indian Institute of Technology, Banaras Hindu University, Varanasi	0.20	2.87	4.50	6.97	7.00	21.54	40
Maharaja Sayajirao University of Baroda, Vadodara	1.52	2.18	2.96	8.84	6.00	21.50	41
Indian Institute of Technology, Patna	0.07	1.39	5.44	8.60	6.00	21.50	42
Maulana Azad National Institute of Technology, Bhopal	0.06	2.38	2.75	9.15	7.00	21.34	43
Visvesvaraya National Institute of Technology, Nagpur	1.18	3.12	4.95	6.05	6.00	21.30	44
Kongu Engineering College, Erode	3.30	1.98	1.58	8.39	6.00	21.25	45
Indian Institute of Technology, Bhubaneswar	0.00	1.22	4.17	9.70	6.00	21.09	46
Indian Institute of Information Technology, Design and Manufacturing, Jabalpur	0.03	1.56	10.97	3.75	4.50	20.81	47
MS Ramaiah Institute of Technology, Bangalore	0.29	1.33	1.25	11.40	6.50	20.77	48
International Institute of Information Technology, Hyderabad	0.13	2.12	9.41	3.76	5.00	20.42	49
Dr B R Ambedkar National Institute of Technology, Jalandhar	0.03	1.64	5.78	7.63	5.00	20.08	50
Jaypee Institute of Information Technology, Noida	0.01	2.83	4.75	6.88	5.50	19.97	51
Zakir Hussain College of Engineering and Technology, Aligarh Muslim University, Aligarh	1.63	1.32	2.36	8.15	6.50	19.96	52
Manipal Institute of Technology, Manipal	0.40	5.01	3.11	4.42	7.00	19.94	53
Thiagarajar College of Engineering, Madurai	0.49	3.22	4.33	5.53	6.00	19.57	54
BMS Institute of Technology and Management, Bangalore	0.00	0.45	1.40	13.59	4.00	19.44	55
Malaviya National Institute of Technology, Jaipur	0.22	3.03	5.61	5.03	5.50	19.39	56
Shiv Nadar University, Dadri	0.00	0.55	4.64	9.18	4.50	18.87	57
PSG College of Technology, Coimbatore	0.41	3.65	3.38	5.31	6.00	18.75	58
Indian Institute of Space Science and Technology, Thiruvananthapuram	0.00	1.82	7.00	5.74	4.00	18.56	59
Guru Jambheshwar University of Science and Technology, Hisar	0.10	1.96	2.53	7.60	6.00	18.19	60
Mizoram University, Aizawl	0.00	0.41	8.86	5.58	3.00	17.85	61