

TIMES ENGINEERING INSTITUTE RANKING SURVEY 2017



The objective of this research was to identify and rank Top Engineering Colleges in India. The research had 3 major modules i.e. Desk Research, Factual survey & Perceptual Rating survey followed by scientifically developed analysis & ranking process. Please note that the final rank was calculated for only those engineering colleges who had shared the factual data.

For detailed Research Methodology turn to page 2

TOP 100 ENGINEERING INSTITUTE RANKINGS 2017

1 IIT, Kharagpur, Kharagpur	51 S A Engineering College, Chennai
2 SRM Institute Of Science And Technology (SRM University), Chennai	52 P S Engineering College, Chennai
3 IIT Guwahati, Guwahati	53 S A Engineering College, Chennai
4 Birla Institute Of Technology And Science, Pilani	54 Pranveer Singh Institute of Technology (PSIT), Kanpur
5 Delhi Technological University (Formerly Delhi College Of Engineering), Delhi	55 Vasavi College Of Engineering, Hyderabad
6 Visvesvaraya National Institute Of Technology, Nagpur	56 JNTUA College Of Engineering, Anantapur
7 National Institute of Technology, Rourkela	57 NITTE Minakshi Institute of Technology, Bangalore
8 Indian Institute Of Technology, Gandhinagar	58 Institute of Aeronautical Engineering, Hyderabad
9 Amity School Of Engineering & Technology, Noida	59 SCMS School Of Engineering And Technology, Cochin
10 BMS College of Engineering, Bangalore	60 Mukesh Patel School Of Technology Management And Engineering, Narsee Monjee Institute of Management Studies, Mumbai
11 College Of Engineering, Pune	61 Tula's Institute (The Engineering & Management College), Dehradun
12 Veltech Dr. R R & Dr. S R University, Chennai	62 R.V.R & J.C. College Of Engineering, Guntur
13 Indian Institute of Information Technology, Allahabad	63 Gokaraju Rangaraju Institute Of Engineering And Technology, Hyderabad
14 National Institute Of Technology, Karnataka, Suratkal	64 Saveetha Engineering College, Chennai
15 Vishwakarma Institute of Technology, Pune	65 The Oxford College of Engineering, Bangalore
16 Indian Institute Of Technology, Bhubaneswar	66 Shri Ram Institute of Technology, Jabalpur
17 University College of Engineering, Osmania University, Hyderabad	67 Chandigarh Engineering College, Mohali
18 D.Y Patil Group's: Ramrao Adik Institute of Technology, Navi Mumbai	68 Jawaharlal Nehru Technological University, Kakinada
19 K.L University, Guntur	69 Guru Nanak Institutions Technical Campus (GNITC), Hyderabad
20 Institute Of Chemical Technology, Mumbai	70 Thiagarajar College Of Engineering, Madurai
21 PSG College of Technology, Coimbatore	71 IPS Academy Institute of Engineering & Science, Indore
22 Faculty of Engineering and Technology, Manav Rachna International University, Faridabad	72 CMR Institute Of Technology, Bangalore
23 Malviya National Institute Of Technology, Jaipur	73 Bhilai Institute Of Technology, Durg
24 JIS College Of Engineering, Kolkata	74 K.S.Rangasamy College Of Technology, Nammakkal
25 Maharashtra Institute of Technology, Pune	75 Govt.College Of Engineering, Karad
26 International Institute Of Information Technology, Hyderabad	76 New Horizon College Of Engineering, Bangalore
27 Birla Institute Of Technology, Ranchi	77 Jaipur Engineering College And Research Center, Jaipur
28 Sathyabama University, Chennai	78 Gandhi Institute For Technological Advancement (GITA), Bhubaneswar
29 Atharva College Of Engineering, Mumbai	79 Kongu Engineering College, Erode
30 Maae's MIT College of Engineering, Pune	80 Dr.MGR Educational And Research Institute University, Chennai
31 M S Ramaiah Institute Of Technology, Bangalore	81 Rajalakshmi Engineering College, Kanchipuram
32 International Institute Of Information Technology, Bangalore	82 G H Patel College of Engineering & Technology Vallabh, Vidyanagar
33 Bharati Vidyapeeth University College of Engineering, Pune	83 Sethu institute of Technology, Virudhunagar
34 Chaitanya Bharathi Institute of Technology, Hyderabad	84 Sri Krishna College Of Engineering And Technology, Coimbatore
35 PES University, Bangalore	85 Indo Global College of Engineering, Mohali
36 National Institute of Engineering, Mysore	86 Siddaganga Institute of Technology, Tumkur
37 Noida Institute of Engineering & Technology (NIET), Greater Noida	87 Sinhgad College of Engineering, Pune
38 L.D College Of Engineering, Ahmedabad	88 College Of Engineering And Technology, Mody University Of Science And Technology, Jaipur
39 Vignan Foundation For Science, Technology And Research, Guntur	89 Maharaja Vijayram Gajapati Raj College Of Engineering, Vizianagaram
40 Medi-Caps University, Indore	90 Vivekanand Education Society's Institute Of Technology, Mumbai
41 Hindustan University, Chennai	91 Terna Engineering College, Navi Mumbai
42 Faculty Of Engineering, Jamia Millia Islamia, Delhi	92 Sri Sairam College Of Engineering, Bangalore
43 Indraprastha Institute Of Information Technology, Delhi	93 Shri Dharmasthala Manjunateshwara College of Engineering and Technology, Dharwad
44 Veer Surendra Sai University Of Technology, Burla	94 Guru Nanak Dev Engineering, Ludhiana
45 Maulana Azad National Institute Of Technology, Bhopal	95 Sona College Of Technology, Salem
46 Andhra University College Of Engineering, Vishakhapatnam	96 United College Of Engineering & Research, Allahabad
47 Government Engineering College, Aurangabad	97 BRACT's Vishwakarma Institute Of Information Technology, Pune
48 Dwarakadas J. Sanghvi College Of Engineering, Mumbai	98 Mallareddy College Of Engineering And Technology, Hyderabad
49 Kasegaon Education Society's Rajarambapu Institute Of Technology, Sangli	99 Mahendra Engineering College, Namakkal
50 Walchand Institute of Technology, Solapur	100 CMR College of Engineering & Technology, Hyderabad

For Top 101-150 Engineering Institute Rankings 2017 turn to page 2

TOP 50 PRIVATE ENGINEERING INSTITUTE RANKINGS 2017

1 SRM Institute Of Science And Technology (SRM University), Chennai	26 H M Institute of Technology, Hyderabad
2 Birla Institute Of Technology And Science, Pilani	27 SRM Institute Of Science And Technology (SRM University), Chennai
3 Amity School Of Engineering & Technology, Noida	28 Kasegaon Education Society's Rajarambapu Institute Of Technology, Sangli
4 BMS College of Engineering, Bengaluru	29 Walchand Institute of Technology, Solapur
5 Veltech Dr.RR & Dr.SR University, Chennai	30 S.A Engineering College, Chennai
6 Vishwakarma Institute of Technology, Pune	31 Pimpri Chinchwad College Of Engineering, Pune
7 D.Y Patil Group's: Ramrao Adik Institute of Technology, Navi Mumbai	32 Sri Sivasubramaniya Nadar College Of Engineering (SSN College Of Engineering), Chennai
8 K.L University, Guntur	33 Pranveer Singh Institute of Technology(PSIT), Kanpur
9 PSG College of Technology, Coimbatore	34 Vasavi College Of Engineering, Hyderabad
10 Faculty of Engineering and Technology, Manav Rachna International University, Faridabad	35 NITTE Minakshi Institute of Technology, Bangalore
11 JIS College Of Engineering, Kolkata	36 Institute of Aeronautical Engineering, Hyderabad
12 Maharashtra Institute of Technology, Pune	37 SCMS School Of Engineering And Technology, Cochin
13 International Institute Of Information Technology, Hyderabad	38 Mukesh Patel School Of Technology Management And Engineering, Narsee Monjee Institute of Management Studies, Mumbai
14 Birla Institute Of Technology, Ranchi	39 Tula's Institute (The Engineering & Management College), Dehradun
15 Sathyabama University, Chennai	40 R.V.R & J.C. College Of Engineering, Guntur
16 Atharva College Of Engineering, Mumbai	41 Gokaraju Rangaraju Institute Of Engineering And Technology, Hyderabad
17 Maae's MIT College of Engineering, Pune	42 Saveetha Engineering College, Chennai
18 M S Ramaiah Institute Of Technology, Bangalore	43 The Oxford College of Engineering, Bangalore
19 International Institute Of Information Technology, Bangalore	44 Shri Ram Institute of Technology, Jabalpur
20 Bharati Vidyapeeth University College of Engineering, Pune	45 Chandigarh Engineering College, Mohali
21 Chaitanya Bharathi Institute of Technology, Hyderabad	46 Guru Nanak Institutions Technical Campus (GNITC), Hyderabad
22 PES University, Bangalore	47 Thiagarajar College Of Engineering, Madurai
23 Noida Institute of Engineering & Technology (NIET), Greater Noida	48 IPS Academy Institute of Engineering & Science, Indore
24 Vignan Foundation For Science, Technology And Research, Guntur	49 CMR Institute Of Technology, Bangalore
25 Medi-Caps University, Indore	50 Bhilai Institute Of Technology, Durg

For Top 51-75 Private Engineering Institute Rankings 2017 turn to page 2

INDUSTRY-ACADEMIA INTERFACE FOR JOB-READINESS

Industry-Academia Collaboration in Engineering Education at Manav Rachna gives students the competitive edge



Senior Dignitaries from Mitsubishi inspecting their lab at Manav Rachna in keeping with the Industry-Academia interface

In the context of engineering education in India and for that matter, globally, the industry has often lamented about the mismatch between quality of graduates from engineering universities/colleges and expectations of the employing industry. The fact remains that the prospect of gainful employment immediately after graduation particularly, in engineering education, is the culmination of time, effort and money expended by each stakeholder - be it student, parent or the college/university. With research, innovation and entrepreneurship getting encouraged in the larger interests of nation building, Manav Rachna Educational Institutions (MREI) have assiduously set up an ecosystem which subsumes active industry/academia collaboration in training, research and innovation.

Labs have been setup by leading companies like Mitsubishi, Sukam, Honda Motorcycle and Scooter India in the broad areas of power electronics, solar energy and automobiles. A lively innovation and incubation centre has been established along with seven Centres of Excellence (CEs), two Research & Innovation Clusters (RICs) and establishment of six Research & Innovation Clusters (RICs), one Centre of Excellence and a Business Incubator are in progress. Precociously talented and exuberant young students are encouraged to incubate their dream projects as part of the research-driven initiatives. The eight Research and Innovation Clusters namely Mechanical, Automobile & Aerospace, Electronics &



Inauguration of the SUKAM Solar Energy Lab at Manav Rachna to enable students to work for sustainable development

Manav Rachna's Leading Industry Partners

IBM, JBM Group, SAP SE, Su-Kam, KPMG, TCS, EdGate Technologies Pvt. Ltd, Mitsubishi Electric India (MEI), Reliance-Jio, Honda, Bloomberg, Siemens, R- Systems, INTEL, Internet of Things (IOT), ATMEL India University Program, EMC2, MotherSumi, Sky testers

Electrical, Computing, Molecular Biosciences, Health Sciences & Nutrition, Civil Architecture Design, Material Science and Atmospheric & Environmental Sciences are aimed at promoting cluster research projects in addition to

other activities which include Competitions and Projects, Publishing, Sponsored R&D projects, Training in Advanced Areas or future technologies, Industry Linkages, Collaboration & Consultancy and Patents & IPR. And not just that, 70 plus alumni startups running their ventures along with three startups started by Manav Rachna students and over 10 ongoing startups are working day and night to build their dreams.

To further reinforce and strengthen industry-academia interaction, Manav Rachna ensures industry internships with frequent hands-on training for students' practical exposure. What it also provides is an Applied Research' dimension by industry to the otherwise theoretical nature of research.

Having entered into fruitful industry partnerships with corporate giants such as IBM, JBM Group, SAP SE, Su-Kam, KPMG, TCS, EdGate Technologies Pvt. Ltd., Mitsubishi Electric India (MEI), Reliance-Jio, Honda, Bloomberg, Siemens, R- Systems, INTEL, Internet of Things (IOT), ATMEL India University Program, EMC2, MotherSumi, Sky testers, to mention a few, Manav Rachna has over the years built a strong legacy in developing a meaningful interface with the industry. Through special initiatives that include the regular conduct of national conferences, seminars and guest lectures by reputed industry professionals, MREI has been adopting globally relevant practices to create a steady stream of students who are industry-ready and equipped to lead from the front.

EMPOWERING NEXT GEN ENGINEERS

The Veltech Dr. RR & Dr. SR University founded in 1997, has brought pride to the nation through its various pioneering initiatives. We learn more in conversation with the respected former Col. Prof. Vel. Dr. R. Rangarajan.

Q: WHAT MAKES VELTECH'S TEACHING PRACTICES UNIQUE?

Successful engineers need technical expertise, social awareness and a focus on innovation. Our rationally developed Conceive-Design-Implement-Operate (CDIO) syllabus helps students acquire professional, personal and inter-personal skills systematically in a modern, team-based environment.

Being the first Indian member to be a part of CDIO Worldwide initiative, we have taken concrete steps to implement their curricular framework, to generation engineers, with inputs from industry personnel, practicing students.

Learning strategies are flexible to provide scope to both advanced and slow learners to complete the programme successfully at mastery level within the minimum period of study through the Choice Based Credit System (CBCS). Students can choose courses of their interest, pick professors of their choice, transfer credits and pursue projects in industries / research organisations / institutions in India & abroad.

Our well-qualified professors facilitate students' learning through Active Learning Methods such as Collaborative / Cooperative learning and Problem / Project Based Methods. The state-of-the-art active learning classrooms, equipped with student response devices, enhance the students' learning multi fold. Engineering workspaces allow students to develop sustainable solutions for societal/ industrial problems.

Q: HOW DO YOU EQUIP STUDENTS FOR THE GLOBAL MARKET?

Our core faculty participates in educational summits, meetings & conferences in India and abroad to gain awareness on contemporary changes in engineering education internationally. In-plant training, internships, independent learning, value based educational elective courses and foreign languages help students acquire personnel, professional, interpersonal and CDIO skills to make them globally competent. Course/Semester abroad programmes & exchange activities with QS/THE ranked institutions in Asia, US and Europe make students culturally adoptive and interpersonally creative.

Q: WHY IS VELTECH CHOSEN FOR HIGHER STUDIES, EMPLOYMENT AND RECRUITMENT?

● Veltech is the first and only Indian member of

CDIO worldwide initiative which has several top ranked international universities

- Outcome Based Education and Evaluation in-line with Washington Accord followed since 2012; Curriculum and courses are co-developed by top-notch engineering, automotive and IT organizations
- Student developers ace various code solving challenges
- 70% of the final year students undergo internships for six months in private and government organizations and international universities
- Veltech - TBI - Recognised as NIDHI Centre of Excellence with a funding support of 23 crore from DST for developing a minimum of 250 entrepreneurs
- Faculty members undertake research projects sponsored by Department of Science and Technology, DRDO, DAE, GITA (Indo-Taiwan, Indo-Korea), CEFIPRA (Indo-France)
- Students have triumphed on national and international platforms for innovative engineering practices

Q: WHAT ARE VELTECH'S RECOGNITIONS AND ACHIEVEMENTS?

- Ranked #43rd in Times Higher Education Asia University Rankings 2017. Of the 33 Indian institutions ranked by THE Asia University Ranking 2017, Veltech Dr. RR & DR.SR University secured 3rd (Third) position next to IISc, Bangalore and IIT, Bombay and #74th in the World Rankings
- National Institutional Ranking Framework India Rankings 2017, MHRD has ranked Veltech #58 and # 65 under Engineering and University Category
- Intellectual Property India ranked Veltech #7 among the Top Indian Applicants for Patents from Institutes and Universities 2017
- Accredited by National Assessment and Accreditation Council (NAAC) with 'A' Grade for five years from 2015 to 2020 and National Board of Accreditation (NBA) accredited B. Tech. programmes under Tier-1 (Washington Accord) for the period of three years'

Q: TELL US ABOUT YOUR INDUSTRY INTERACTIONS AND ENTREPRENEURSHIP FACILITIES?

Since inception Veltech has had continuous interaction with over 2842 industries, R & D labs and institutes, enabled more than 201 MOUs,

spearheaded 10 industry integrated PG programs, initiated innovative electives and facilitated internships for over 80% of students.

We have special labs with DRDO, NAL, IGCAR, MBDA missiles France, UCAL fuel systems and Rane valves on the campus.

A dedicated research park with well-equipped laboratories in the domains of autonomous vehicles, additive manufacturing, 3D printing, nano composites and renewable energy is established to support research projects under the aegis of national and international agencies. Veltech has set up Centers of Excellence in collaboration with GTRE DRDO, ARAI, IBM, DASSAULT Systems and National Instruments for enabling industry-standard capacity building and consultancy works in advance areas like rotor dynamics, automotive engines, cyber security, computational fluid dynamics and virtual instrumentation.

The Technology Business Incubator supports entrepreneurship models in E waste management and allied domains. 20 plus start-up companies with technical and business interests in E-waste and bio waste management, 3D printing, robotics, unmanned air vehicles, VLSI/Embedded systems, fuel cells, green energy and IT/ITES are functioning here. TBI has a permanent membership in the German initiative StEP (Solving the E-waste Problem).

Q: ELABORATE ON VELTECH'S INTERNATIONAL RELATIONS?

We have 64 MOUs with universities in Asia, Europe and USA for faculty exchange, joint research and student exchange. Every year, many B Tech and M Tech students travel to foreign universities for internships and project work. Joint programmes with Indo German Centre for higher education Germany, University of Michigan, Dearborn, USA, National Ilan University Taiwan are offered as options for higher studies and careers.

Students can take up projects at reputed research institutions and universities in Germany, France, USA, Canada, Japan, Taiwan, Korea etc. Veltech faculty is involved in joint research programmes with world-class universities and industries from Canada and Taiwan, leading to UG/PG students securing prestigious assignments and scholarships.

For more details log on <http://www.veltechuni.edu.in/btech-admission/>

