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RESEARCH METHODOLOGY AND RANKING

TOP 100 ENGINEERING INSTITUTES IN INDIA

The objective of this research was to arrive at a list of top engineering institutes in India. The study had two major modules i.e. Perceptual Rating Survey & Factual Survey.

TOP 1-50 ENGINEERING INSTITUTES

1. IIT Kharagpur
2. IIT Guwahati
3. IIT Bombay
4. IIT Delhi
5. IIT Madras
6. IIT Kanpur
7. SRM Institute of Science and Technology, Chennai
8. Delhi Technological University (DTU), Delhi
9. IIT Roorkee
10. BITS Pilani
11. Visvesvaraya National Institute of Technology (VNIT), Nagpur
12. NIT Durgapur
13. Indian Institute of Information Technology (IIIT), Pune
14. BMS College of Engineering, Bangalore
15. IIT-BHU - Varanasi
16. Amity School of Engineering & Technology, Noida
17. Veermata Jijabai Technological Institute (VJTI), Mumbai
18. Vishwakarma Institute of Technology (VIT), Pune
19. Netaji Subhas Institute of Technology (NSIT), Delhi
20. BIT, Mesra - Ranchi
21. Manipal Institute of Technology, Manipal
22. NIT Warangal
23. Jawaharlal Nehru Technological University (JNTU), Hyderabad
24. NIT Surathkal
25. Sardar Patel College of Engineering, Mumbai
26. College of Engineering, Anna University, Guindy
27. Maharashtra Institute of Technology (MIT), Pune
28. IIT Gandhinagar
29. Vellore Institute of Technology (VIT), Vellore
30. Manav Rachna College of Engineering, Faridabad
31. D Y Patil Group's: Ramrao Adik Institute of Technology, Navi Mumbai
32. NIT Rourkela
33. NIT Trichy
34. Jamia Millia Islamia, New Delhi
35. Govt College of Engineering , Pune
36. Osmania Univ College of Engineering, Hyderabad
37. NIT Patna
38. Nirma Institute of Technology, Ahmedabad
39. SASTRA , Thanjavur
40. Kalinga Institute of Industrial Technology (KIIT), Bhubaneswar
41. National Institute of Engineering (NIE), Mysore
42. LD College of Engineering, Ahmedabad
43. Indian Institute of Information Technology (IIIT), Bangalore
44. Mumbai University Institute of Chemical Technology, Mumbai
45. SSN College of Engineering, Chennai
46. International Institute of Information Technology (IIIT), Hyderabad
47. M S Ramaiah Institute of Technology, Bangalore
48. K L College of Engineering, Veddeswaram
49. Hindustan College of Science and Technology, Mathura
50. College of Engineering, Trivandrum

TOP 51-100 ENGINEERING INSTITUTES

51. R V College of Engineering, Bangalore
52. Sathyabhama Engineering College, Chennai
53. Dr B R Ambedkar National Institute of Technology, Jalandhar
54. NIT Jamshedpur
55. Vels University, Chennai
56. Maeer's MIT College Of Engineering, Pune
57. Kongu Engineering College, Erode
58. Guru Nanak Dev Engineering College, Ludhiana
59. JIS College of Engineering, Kolkata
60. IIT Hyderabad
61. Jawaharlal Nehru Technological University (JNTU), Anantpur
62. IIT Bhubaneswar
63. Indian School of Mines, Dhanbad
64. Kalasalingam University, Krishnankoil Madurai
65. Meerut Institute of Engineering and Technology (MIET), Meerut
66. Noida Institute of Engineering and Technology (NIET), Greater Noida
67. ITM University, Gurgaon
68. Vasavi College of Engineering, Hyderabad
69. Sardar Vallabhbhai National Institute of Technology (SVNIT), Surat
70. PSG College of Technology, Coimbatore
71. Rizvi College of Engineering, Mumbai
72. Indian Institute of Information Technology (IIIT), Allahabad
73. Punjab Engineering College, Chandigarh
74. Jiwaji University, Gwalior
75. Pranveer Singh Institute of Technology (PSIT), Kanpur
76. NIT Calicut
77. Jadavpur University, Faculty of Engineering & Technology, Kolkata
78. Vishwakarma Government Engineering College, Ahmedabad
79. Bangalore Institute of Technology, Bangalore
80. Bharati Vidyapeeth University College of Engineering, Pune
81. IITM, Delhi
82. P E S Institute of Technology, Bangalore
83. Dhirubhai Ambani IICT, Gandhinagar
84. Jawaharlal Nehru Technological University (JNTU), Kakinada
85. BIT Sindri
86. GNIT, Delhi
87. Maulana Azad National Institute of Technology (MANIT), Bhopal
88. S J College of Engineering, Mysore
89. University Visvesvaraya College of Engineering, Bangalore
90. Government Engineering College, Surat
91. Haldia Institute of Technology, Haldia
92. Government College of Engineering, Amravati
93. Delhi Institute of Technology & Management (DITM), Gannaur, Sonipat
94. Sanjay Ghodawat Institute of Technology, Management and Research, Kolhapur
95. Anand Engineering College, Agra
96. Orissa University of Agriculture and Technology, Bhubaneswar
97. J B Institute of Engineering and Technology (JBIET), Hyderabad
98. Medi-Caps Institute of Technology and Management- Engineering, Indore
99. Xavier Institute of Engineering, Mumbai
100. Government School of Engineering and Technology, Ujjain

TOP 50 PRIVATE ENGINEERING INSTITUTES

1. SRM Institute of Science and Technology, Chennai
2. BITS Pilani
3. BMS College of Engineering, Bangalore
4. Amity School of Engineering & Technology, Noida
5. Vishwakarma Institute of Technology (VIT), Pune
6. BIT, Mesra - Ranchi
7. Manipal Institute of Technology, Manipal
8. Maharashtra Institute of Technology (MIT), Pune
9. Vellore Institute of Technology (VIT), Vellore
10. Manav Rachna College of Engineering, Faridabad
11. D Y Patil Group's: Ramrao Adik Institute of Technology, Navi Mumbai
12. Nirma Institute of Technology, Ahmedabad
13. SASTRA , Thanjavur
14. Kalinga Institute of Industrial Technology (KIIT), Bhubaneswar
15. National Institute of Engineering (NIE), Mysore
16. SSN College of Engineering , Chennai
17. M S Ramaiah Institute of Technology, Bangalore
18. K L College of Engineering, Veddeswaram
19. Hindustan College of Science and Technology, Mathura
20. R V College of Engineering, Bangalore
21. Sathyabhama Engineering College, Chennai
22. Vels University, Chennai
23. Maeer's MIT College Of Engineering, Pune
24. Kongu Engineering College, Erode
25. Guru Nanak Dev Engineering College, Ludhiana
26. JIS College of Engineering, Kolkata
27. Kalasalingam University, Krishnankoil Madurai
28. Meerut Institute of Engineering and Technology (MIET), Meerut
29. Noida Institute of Engineering and Technology (NIET), Greater Noida
30. ITM University, Gurgaon
31. Vasavi College of Engineering, Hyderabad
32. PSG College of Technology, Coimbatore
33. Rizvi College of Engineering, Mumbai
34. Pranveer Singh Institute of Technology (PSIT), Kanpur
35. Bangalore Institute of Technology, Bangalore
36. Bharati Vidyapeeth University College of Engineering, Pune
37. IITM, Delhi
38. P E S Institute of Technology, Bangalore
39. Dhirubhai Ambani IICT, Gandhinagar
40. GNIT, Delhi
41. S J College of Engineering, Mysore
42. Haldia Institute of Technology, Haldia
43. Delhi Institute of Technology & Management (DITM), Gannaur, Sonipat
44. Sanjay Ghodawat Institute of Technology, Management and Research, Kolhapur
45. Anand Engineering College, Agra
46. J B Institute of Engineering and Technology (JBIET), Hyderabad
47. Medi-Caps Institute of Technology and Management- Engineering, Indore
48. Xavier Institute of Engineering, Mumbai
49. Narsee Monjee Institute of Management Studies, Mumbai
50. Lakshmi Narain College of Technology, Indore

AT THE CUTTING EDGE OF INNOVATION AND TECHNOLOGY

Across an 18-year journey with many a milestones to credit, Manav Rachna Educational Institutions (MREI) have taken on the challenge of yielding applicable knowledge and path breaking Research and Development initiatives. An engineering career demands adaptability towards ever increasing technological demands. By reinventing programs that are aligned with the needs of the industry, MREI is creating a steady stream of students who are corporate-savvy.

MREI's myriad course offerings in different branches of Engineering—Aeronautical or Automobile Engineering, Biotechnology, Civil Engineering, Computer Science Engineering, Electrical and Electronics Engineering, Electronics & Communication Engineering and Mechanical Engineering, each with their own specializations and value-additions has led to the inception of programs that are both job-oriented and industry-specific, often transcending disciplinary barriers. For instance, the Computer Engineering program at Manav Rachna International University (MRIU) offers specializations in Cloud Computing, Business Analytics & Optimization, IT Infrastructure Management and Cyber Security & Forensics in collaboration with IBM which has developed specialized modules to enhance employability skills of the Engineering graduates which consist of Learning Management System (LMS), Student Projects, Expert Lectures, visits to software development and testing centres.

In the field of Mechanical Engineering, the Industry integrated program in collaboration with JBM provides assured placements subject to fulfillment of certain academic benchmarks. Students pursuing M. Tech at the University can take up Nanotechnology, a burgeoning field with immense potential or even Energy and Environment studies at the post graduate level in Biotechnology. Such diverse disciplines are an index of MREI's emergence as one of the largest providers of quality engineers, researchers and technical experts to major industrial giants across the country.

Among other institutes and colleges, MREI includes within its ambit Manav Rachna International University (MRIU) and Manav Rachna University (MRU) which has evolved from Manav Rachna College of Engineering, a NAAC accredited 'A' Grade Institution which is among the top 10% of engineering colleges of the country. MRU has well established soft skill modules mediated through Infosys Campus Connect Program and has been declared as 'Advanced Partner' by Infosys. To introduce critical thinking and in-
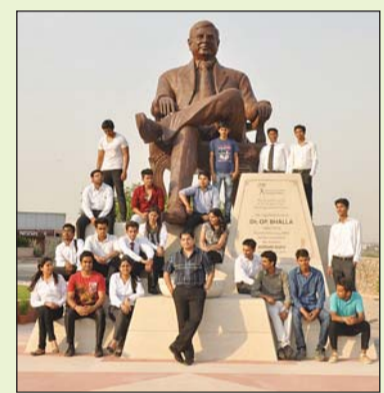

Manav Rachna's winning team at Microsoft Imagine Cup 2014

culcate informed decision-making capabilities, students at MRU are given case studies in different courses.

Be it at MRIU or MRU, MREI offers students the flexibility to learn at their own pace and undertake courses of their interest from the large basket of courses aimed at developing technical and soft skills. The teaching learning process is 'Outcome Based' with an emphasis on student-centric learning.

At MREI, there is a great deal of emphasis on innovative development, basic and applied research. A revolutionary initiative in this direction has been the setting up of Manav Rachna Innovation and Incubation Centre (MRIIC) where many path-breaking ideas have

been transformed into tangible products. Students at MRIIC are constantly encouraged to think out-of-the-box, leading to the creation of a wide array of innovative products like the Smart Skull (a safety protocol helmet which sends accident notification to the nearest hospital and the patient's relatives), Swasthya Sanjivani (an affordable and automatic on-the-spot blood and urine testing system with immediate confirmatory results) Smart Dust Bin (producing social messages when trash is thrown inside), Tractorobot (a robot controlled Tractor), the First Urban Diesel car (with a mileage of 123 km/l), Efficycle (a hybrid vehicle with an aerodynamic design in order to run at a speed of 30 kilometers per hour) among others. MREI's 242 filed patents and over 3,000 research publications have established it's pre-eminence as a research-driven institution. In fact, its strong research base is a standing testimony to the numerous accolades that students have won both at national and international levels. Since 2009, students from Manav Rachna have been participating in Baja competition for All Terrain Vehicles, Supra competitions for Formula One Car, Shell Eco Marathon Competitions for fuel-efficient cars, Intel Embedded Challenge Cup, Microsoft Imagine Cup, among others. Keeping up with the tradition, students from MREI will be representing the country at the Global Finals of the Microsoft Imagine Cup 2015 being held at Seattle USA from July 28-31. This is the fourth consecutive time that teams from Manav Rachna have made it to the top slot at the Microsoft Imagine Cup!

Undoubtedly, students at Manav Rachna are nurtured to get not just an academic degree but a lifetime of learning, each equipped with leadership traits, ethical in conduct and intensely conscious of the world at large.

PREPARING LEADERS FOR TOMORROW

As one of the leading teaching and research universities, Kalasalingam University has initiated preparing students for a leadership role to face this complex world. The university is located in a small town, Krishnankoil, in Virudhunagar district with a wide building covered by green hills. Their main motto is to empower the youth for development through technology. The University campus has fairly well marked zones encompassing a wide array of centers, library, administrative office, sports/recreational zone etc. It seeks to achieve the highest levels of distinction and transmission of knowledge and understanding. Kalasalingam University continuously encourage talented students from all economic backgrounds especially the downtrodden and the rural youth. This institution is a globalised centre of learning, providing its students a balanced exposure in every field they step into. The University has a reputation for outstanding academics supporting excellence and innovation, offering 13 under graduate programs with duration of 4 years and 25 Post graduate, programs of 2 years in Engineering, accredited by National Board of Accreditation and specially provides14 UG/PG programs in the field of Information Technology. Kalasalingam University was the first self financing institution to offer masters program in Computer Science and Engineering in Tamilnadu with excellent infrastructure facilities in Information technology. The Post Graduate degree in Microbial Technology, which trains students in the different areas of modern Biological Sciences and Microbial technology, is a popular course at the university. They present unique special B.Tech and B.Ed courses for hear-

ing impaired candidates to impart Technical education to the differently able students. Admission to the UG and PG courses is based on the applicant's performance in an entrance examination conducted by the university. They always believe that an engineering education develops ability to think logically and to solve problems. The University proudly produced 30 Ph.D scholars in the field of Information technology. TIFAC-CORE in network engineering is established providing consultancy and testing facilities for industries and other organizations in the field of network engineering. The University has also widened their hands to practical

schools to promote industry awareness. It expands the boundaries of knowledge and brings distinctions by delivering outstanding values to the students. Credits are provided for self designed laboratories and practical experiments duly. Kalasalingam University has also signed a Memorandum of Understanding with some of the leading foreign universities and also received students through student exchange programs. The university is also been a home to an extensive student life program to make

promising and innovative changes. Offering "one credit" courses by the industry experts for B.Tech students are their specialty which encourages the students to study various online courses by foreign universities. They have recently inaugurated National Cyber Defense Research Centre first of its kind in the state to overcome cyber crimes and bring solutions to it. The university prepares the students for a prospective career in the industry and for higher learning by imparting sound technical knowledge. As an institute of applied learning, they focus on research as well. There are several research centers separately for Multifunctional material, biotechnology, nanotechnology and composite materials. In order to produce competitive professionals from rural area having the right skills and attitude for adapting to the ever changing industry, the people of this university always think of ways to tweak the strategy for better results.