

The T-School Survey 2017: Creating Future-Ready Workforce

Top 100 Tschools of India has been ranked. Please read...

The existence of traditional job-roles in the IT industry is at risk, given the fact that bots and automation are fast eating into them. This is making T-Schools conscious as well as anxious. As a result, T-Schools are now showing the signs of change and are aligning to the industry requirements. They are partnering with IT firms to offer students hand-son experience on latest technologies – cloud, IoT, AI, robotics and cyber security, etc.

India's IT sector has so far been successful because of the people it employed. Engineering colleges spread across India have thus been equal partners in the sector's growth. While the government owned colleges – IITs, IIITs and NITs, etc – remained in the forefront of supplying the necessary skill sets, the private engineering colleges also played a key role in empowering the IT sector. The demand has always been high for the right kind of talent. And it stands true even today. Although automation and the US president's focus on Americans are eating into a lot of jobs which Indians held traditionally, it is believed that the market will still be hungry for graduates who are equipped with the latest skills – big data, analytics, artificial intelligence, robotics, virtual reality and cyber security, among others.

The Dataquest-CMR T-School Survey has always played a key role in identifying the best T-Schools in the country – private as well as government; thereby helping the students and the employers to find out the best colleges in a particular region or pan India. At the same time, the survey has worked as a benchmark for institutions which want to be in the list. Because of the T-School Survey, the engineering colleges in the country perennially remain on their toes to improve the quality of infrastructure, faculty, academic environment and industry interface, etc. Like every year, this year's survey does also present a picture of the engineering education in the country.

T-Schools vs Automation

This year's survey brings forth a wide array of facts. It outlines how most of the colleges are endeavoring to align themselves to the industry requirements so that they can provide the latest skill sets to handle the new roles, which robots and bots aren't yet capable of. This is a positive sign, given the fact that engineering graduates aren't usually prepared to take any role in the industry. It surfaced in the survey conducted by Aspiring Minds. The survey had outlined that 95% engineers in India were not employable. Aspiring Minds had claimed that the graduates could not even write code. It happened due to two flaws existed in the colleges – the substandard teachers and disconnect with the industry. This problem continues to ail many of the private T-Schools even today. However, many of them have now taken it seriously and tried to address the issues with quality faculty members and guest teachers.

Employers vs T-Schools

The T-School survey gives ample insight into the education landscape in India and plays a key role in driving the hiring activity in the country. Employers – TCS, Wipro, HCL, Infosys, Cognizant, IBM, MindTree and many others often go to T-Schools which have made to the list. However, as pointed out earlier, employers (IT companies) need to change the process of hiring the quality talent. It has been found that most IT companies in their campus hiring focus on the aptitude test. They do not take the coding test. This has given the wrong message to the colleges. This is the reason that they do not teach the necessary coding skills to their students. Experts believe that their campus hiring needs to include certain coding test so that the graduates entering the industry are able to handle critical roles in the future and be able to upgrade as per the needs. It is highly important in the current scenario where job roles are becoming redundant and botdriven. Ability to grab new skills from time to time is critical to stay relevant in today's world.

Top 100 T-Schools of India for 2017

Institute Name	Overall Rank 2017
Indian Institute of Technology Kharagpur	1
Indian Institute of Technology, Bombay	2
International Institute of Information Technology Hyderabad (IIIT-H)	3
Birla Institute of Technology And Science, Pilani	4
National Institute of Technology, Rourkela	5
Indian Institute of Technology Gandhinagar	6
College of Engineering Pune	7
National Institutes of Technology Karnataka, Surathakal	8
Indraprastha Institute of Information Technology Delhi	9
Bannari Amman Institute of Technology	10
Netaji Subhas Institute of Technology	11
University College of Engineering, Osmania University	12
Maulana Abul Kalam Azad University of Technology, West Bengal (Formerly West Bengal University of Technology)	13
Bharati Vidyapeeth Deemed University College of Engineering	14
Indian Institutes of Technology, Ropar	15
Sathyabama University	16
PDPM-Indian Institute of Information Technology Design & Manufacturing, Jabalpur	17
National Institute of Technology Silchar	18
Galgotias University	19
Kasegaon Education Societ's Rajarambapu Institute of Technology	20
Noida Institute of Engineering & Technology	21
Malnad College of Engineering	22
Sir M. Visvesvaraya Institute of Technology	23
Ganeshi Lal Bajaj Institute of Technology & Management	24
Thiagarajar College of Engineering	25
Army Institutes of Technology	26

Walchand Institute of Technology	27
Maharaja Agarsen Institute of Technology	28
Madhav Institute of Technology and Science	29
Institute of Technology, Nirma University	30
Pimpri Chinchwad Collage of Engineering	31
Indian Institutes of Informational Technology, Allahabad	32
B.S. Abdur Rahman Crescent Institute of Science and Technology	33
National Institute of Science & Technology	34
Government Model Engineering College	35
New Horizon College of Engineering	36
Shri Ram Institute of Technology	37
SCMS School of Engineering And Technology	38
Rungta College of Engineering And Technology	39
Chitkara University Institute of Engineering & Technology	40
The Oxford College of Engineering	41
Gandhi Institute For Technological Advancement, Bhubaneswar	42
Rajalakshmi Engineering College	43
G H Patel College of Engineering & Technology	44
M.Kumarasamy College of Engineering	45
BMS Institute of Technology & Management	46
B.I.T Sindri	47
Panimalar Engineering College	48
Maharaja Surajmal Institute of Technology	49
MIT College of Engineering	50
Dr. K N Modi Institutes Of Engineering And Technology Modinagar	51
Madanapalle Institute of Technology And Science	52
Indian Institute of Information Technology Design And Manufacturing Kancheepuram	53
SJC Institues of Technology	54
N.M.A.M Institute of Technology	55
R.M.K. Engineering College	56
Rajagiri School of Engineering & Technology	57
Faculty of Engineering & Technology (ITER)	58
Mepco Schlenk Engineering College	59
Karnatak Law Society's Gogte Institute of Technology	60
Sambhram Institute of Technology	61
Shri Shankaracharya Technical Campus	62
Shri Shankaracharya Institute of Professional Management &Technology, Raipur	63
CMR Institute of Technology	64
GMR Institute of Technology	65
Erode Sengunthar Engineering College	66
Er.Perumal Manimekalai College of Engineering	67
SAGI Ramakrishnam Raju Engineering College	68
Nandha Engineering College	69
Babu Banarsi Das Institute of Technology	70

Veltech Multi Tech Dr.Rangarajan Dr. Sankunthala Engineering College	71
Asia Pacific Institute of Information Technology Sd India, Panipat	72
IMS Engineering College	73
Sri Venkateswara College of Engineering , Tirupati	74
MLR Institutes Of Technology	75
Chandubhai S. Patel Institute of Technology	76
IES College of Technology	77
Sri Sairam College of Engineering	78
Acropolis Institute of Technology And Research, Indore	79
Vidyavardhaka College of Engineering	80
Velagapudi Ramakrishna Siddhartha Engineering College	81
Kakatiya Institute of Technology & Science Warangal	82
CMR College of Engineering And Technology	83
Orissa Engineering College	84
Bheemanna Khandre Institute Of Technology, Bhalki	85
Technocrats Institute of Technology	86
Institute of Engineering & Technology, Indore	87
M.S. Engineering College	88
V.S.B. Engineering College	89
Bhagwan Parshuram Institute of Technology	90
Cambridge Institute of Technology	91
Veltech High Tech Dr.Rangarajan Dr. Sankunthala Engineering College	92
Don Bosco College of Engineering and Technology	93
KPR Institute of Engineering and Technology	94
D.K.T.E.Society's Textile & Engineering Institute, Ichalkaranji	95
Kanpur Institute of Technology	96
Maharana Pratap Engineering College	97
Aditya College of Engineering & Technology	98
Patel Group of Institutions, Bhopal	99
Budge Budge Institute of Technology (BBIT)	100

Source: <http://www.dqindia.com/the-t-school-survey-2017-creating-future-ready-workforce/>

MITS ranks under top 100 engineering colleges as per the outlook magazine 2017

Source: <http://www.outlookindia.com/magazine/story/top-100-engineering-colleges-in-2017/298916>