

# TIMES ENGINEERING

## TIMES ENGINEERING INSTITUTE RANKING SURVEY 2020

The objective of this research is to arrive at a list of top engineering colleges offering full time courses - including four-year courses in Telangana and Andhra Pradesh



### TOP 25 PRIVATE ENGINEERING INSTITUTES RANKINGS 2020 - TELANGANA

1	Chaitanya Bharthi Institute of Technology, Hyderabad
2	Gokaraju Rangaraju Institute of Engineering and Technology, Hyderabad
3	Vardhaman College of Engineering, Hyderabad
3	Vallurupalli Nageswara Rao Viganan Jyothi Institute of Engineering and technology, Hyderabad
4	Anurag Group of Institutions, Hyderabad
5	Guru Nanak Institutions Technical Campus (Autonomous), Hyderabad
6	Malla Reddy College of Engineering & Technology, Hyderabad
7	Maturi Venkata Subba Rao(Mvrs) Engineering College, Hyderabad
8	Vidya Jyothi Institute of Technology, Hyderabad
9	Vignan Institute of Technology and Science, Hyderabad
10	JB Institute of Engineering and Technology, Hyderabad
11	Geethanjali College of Engineering and Technology, Medchal
12	Malla Reddy Engineering College For Women (Autonomous Institution), Secunderabad
13	Institute of Aeronautical Engineering, Hyderabad
14	Muffakhham Jah College of Engineering & Technology, Hyderabad
15	St. Peter's Engineering College, Hyderabad
15	Sphoorthy Engineering College, Hyderabad
16	Stanley College of Engineering & Technology For Women, Hyderabad
16	Sri Indu College of Engineering & Technology, Telangana State
17	Kommuri Pratap Reddy Institute of Technology, Hyderabad
18	Nalla Narasimha Reddy Education Society's Group of Institutions, Hyderabad
19	KG Reddy College of Engineering & Technology, Hyderabad
20	Marri Laxman Reddy Institute of Technology & Management, Hyderabad
21	Lords Institute of Engineering and Technology, Hyderabad
22	Narsimha Reddy Engineering College, Hyderabad
23	Methodist College of Engineering & Technology, Hyderabad
24	Avanthi Institute of Engineering and Technology, Hyderabad
25	Holy Mary Institute of Technology & Science, Hyderabad

### TOP TELANGANA PRIVATE INSTITUTES - PLACEMENT

1	Chaitanya Bharthi Institute of Technology, Hyderabad
2	Vignan Institute of Technology and Science, Hyderabad
3	Gokaraju Rangaraju Institute of Engineering and Technology, Hyderabad
4	Malla Reddy College of Engineering & Technology, Hyderabad
5	Anurag Group of Institutions, Hyderabad
6	Sri Indu College of Engineering & Technology, Hyderabad
7	Vardhaman College of Engineering, Hyderabad
8	Vallurupalli Nageswara Rao Viganan Jyothi Institute of Engineering and Technology, Hyderabad
9	Guru Nanak Institutions Technical Campus (Autonomous), Hyderabad
10	Vidya Jyothi Institute of Technology, Hyderabad

### TOP TELANGANA PRIVATE INSTITUTES - RESEARCH

1	Anurag Group of Institutions, Hyderabad
2	Vardhaman College of Engineering, Hyderabad
3	Vallurupalli Nageswara Rao Viganan Jyothi Institute of Engineering and Technology, Hyderabad
4	Gokaraju Rangaraju Institute of Engineering and Technology, Hyderabad
5	Chaitanya Bharthi Institute of Technology, Hyderabad
6	Malla Reddy College of Engineering & Technology, Hyderabad
7	Guru Nanak Institutions Technical Campus (Autonomous), Hyderabad
8	Vignan Institute of Technology and Science, Hyderabad
9	JB Institute of Engineering and Technology, Hyderabad
10	Sphoorthy Engineering College, Hyderabad

### TOP TELANGANA PRIVATE INSTITUTES - INFRASTRUCTURE

1	Vardhaman College of Engineering, Hyderabad
2	Anurag Group of Institutions, Hyderabad
3	Gokaraju Rangaraju Institute of Engineering and Technology, Hyderabad
4	Guru Nanak Institutions Technical Campus (Autonomous), Hyderabad
5	Vallurupalli Nageswara Rao Viganan Jyothi Institute of Engineering and Technology, Hyderabad
6	Chaitanya Bharthi Institute of Technology, Hyderabad
7	Malla Reddy College of Engineering & Technology, Hyderabad
8	Institute of Aeronautical Engineering, Hyderabad
9	Vidya Jyothi Institute of Technology, Hyderabad
10	Geethanjali College of Engineering and Technology, Medchal

### TOP 10 PRIVATE ENGINEERING INSTITUTES RANKINGS 2020 - ANDHRA PRADESH

1	Koneru Lakshmaiah Education Foundation(KLEF) Deemed To Be University, Vijayawada
2	Vasireddy Venkatadri Institute of Technology, Guntur
2	Sagi Rama Krishnam Raju Engineering College, Bhimavaram, Andhra Pradesh
3	Prasad V Potluri Siddhartha Institute of Technology, Vijayawada
4	Aditya Institute of Technology and Management, Tekkali, Andhra Pradesh
5	Narasaraopet Engineering College, Narasaraopet
6	Madanapalle Institute of Technology & Science, Madanapalle
7	Lendi Institute of Engineering & Technology, Vizianagaram
8	Baba Institute of Technology and Science, Visakhapatnam
9	G. Pulla Reddy Engineering College (Autonomous), Kurnool
10	Aditya Engineering College (A), Surampalem, Kakinada

### TOP AP PRIVATE INSTITUTES - PLACEMENT

1	Koneru Lakshmaiah Education Foundation (KLEF) Deemed To Be University, Vijayawada
2	G. Pulla Reddy Engineering College (Autonomous), Kurnool
3	Vasireddy Venkatadri Institute of Technology, Guntur
4	Sagi Rama Krishnam Raju Engineering College, Bhimavaram
5	Lendi Institute of Engineering & Technology, Vizianagaram

### TOP AP PRIVATE INSTITUTES - RESEARCH

1	Koneru Lakshmaiah Education Foundation (KLEF) Deemed To Be University, Vijayawada
2	Sagi Rama Krishnam Raju Engineering College, Bhimavaram
3	Vasireddy Venkatadri Institute of Technology, Guntur
4	Baba Institute of Technology and Science, Visakhapatnam
5	Lendi Institute of Engineering & Technology, Vizianagaram

### TOP AP PRIVATE INSTITUTES - INFRASTRUCTURE

1	Koneru Lakshmaiah Education Foundation(KLEF) Deemed To Be University, Vijayawada
2	Vasireddy Venkatadri Institute of Technology, Guntur
3	Narasaraopet Engineering College, Narasaraopet
4	Sagi Rama Krishnam Raju Engineering College, Bhimavaram, Andhra Pradesh
5	Madanapalle Institute of Technology & Science, Madanapalle

### TOP 20 PRIVATE ENGINEERING RANKING INSTITUTES - SOUTH

1	SRM Institute of Science and Technology, Chennai
2	Koneru Lakshmaiah Education Foundation(KLEF) Deemed To Be University, Vijayawada
3	Sathyabama Institute of Science & Technology, Chennai
4	Nitte Meenakshi Institute of Technology, Bengaluru
5	REVA University, Bengaluru
6	Hindustan Institute of Technology & Science (Deemed To Be University), Chennai

7	Vels institute of science technology and advanced studies, Chennai
8	Chaitanya Bharthi Institute of Technology, Hyderabad
9	Gokaraju Rangaraju Institute of Engineering and Technology, Hyderabad
10	Vardhaman College of Engineering, Hyderabad
10	Vallurupalli Nageswara Rao Viganan Jyothi Institute of Engineering and technology, Hyderabad
11	Anurag Group of Institutions, Hyderabad
12	The Oxford College of Engineering, Bengaluru
12	BNM Institute of Technology, Bengaluru

13	Sona College of Technology, Salem
14	Nagarjuna College of Engineering and Technology, Bengaluru
15	Shri Dharmasthala Manjunateshwara College of Engineering and Technology, Dharwad
16	Bannariamman Institute of Technology, Erode
17	Guru Nanak Institutions Technical Campus (Autonomous), Hyderabad
18	Malla Reddy College of Engineering & Technology, Hyderabad
19	Maturi Venkata Subba Rao(Mvrs) Engineering College, Hyderabad
20	BLDEA's Vachana Pitamaha Dr.P.G.Halakatti College of Engineering & Technology, Vijayapur

# RESEARCH METHODOLOGY

This survey is part of the national survey published in 31st July. This is subset of ranking for Andhra Pradesh and Telangana region.

## RESEARCH OBJECTIVE

The objective of this research is to arrive at a list of top engineering colleges offering full time courses - including four-year courses in India. The research had 3 major modules i.e. Desk Research, Factual survey & Perceptual Rating survey. Post collection of data a methodical analysis was done to rate the various Engineering institutes that participated in the study and rank them accordingly.

The survey was executed during 2nd week of May to 2nd week of July 2020.

The ranking process in the current year, imbibed a holistic research module involving an objective study and a perceptual study. While the objective study is done to capture a true reflection of what exists, the perceptual study on the other hand is deemed important to comprehend how the different actors and the stakeholders perceive the institutes. Thus, these two modules in tandem help to make the ranking process more robust.

## STUDY MODULES

In order to get robust data the study was completed in the following phases -

### ● Module 1 - Secondary Desk Research

Secondary Desk research - Listing of Engineering colleges across the country for the Survey

The first module was secondary research. Using various sources like the internet, magazines and publications, a comprehensive list of Engineering colleges was generated.

The following sources were used for the same -

- Secondary review of published information across various sources
- List of ranked institutions from previous surveys
- Inputs/ suggestions on names obtained while conducting the study

Diligent attempts were made to ensure that a comprehensive list of engineering colleges was derived at. In order to achieve the same, we had the option of adding any new institute name in the survey form if any respondent, during the perceptual survey mentioned any institute name outside our list. Once in effect, this ensured that every Engineering institute had a chance of getting covered in the survey if their name was mentioned by the respondents.

In totality, a list of 1050 Engineering institutes along with their contact details was generated. It was ensured that all colleges in the list are providing full time engineering courses.

### ● Module 2 | Factual Data Collection

The second module was factual data collection. This was done in order to garner the objective data on various parameters from the institutes and their views on the functioning of the institutes, their infrastructure and the facilities they provided. The following information areas were delved into -

- General Information
- Fee structure

- Selection Process
- Learning Experience
- Faculty
- Industry Interface - Interaction/ live projects/ corporate internship
- Potential to network/ alumni outreach
- Infrastructure and living experience
- Facilities provided
- Extracurricular activities
- Fee structure
- Placements

A dedicated team under the direct supervision of a senior researcher was put on job. Their tasks entailed sending regular emails and rigorous follow ups in the form of telephonic calls for timely participation and achieving completeness of information.

### ● Module 3 | Perceptual Survey

The third module was a perceptual survey which was conducted amongst a selected set of respondents including students, teachers and parents of current students through telephonic interviews given the lockdown and COVID-19 pandemic. This was done to arrive at a ranking and rating of all the listed Engineering institutes as well as any other that they are aware of.

The sample selection was done using convenience sampling method. However the sample was spread out geographically to get better representation.

## ANALYSIS OF FINDINGS

The findings from the 3 modules were combined to get a ranking of the most prominent Engineering institutes functioning across the country. Equal weightage was given to factual and perceptual scores. The final ranking was given basis a combination of both these scores.

The following steps were followed to reach to the same -

### ● Calculation of Perceptual Score

The perceptual scores were derived in stages by following the below mentioned methodology -

- Ratings on various parameters for each institute
- Calculating importance of various parameters to arrive at weights for each parameter - A regression model was used to arrive at the importance of various parameters
- Calculation of raw scores and weighted scores for each parameter
- Calculation of overall score for each institute using importance weightage

### ● Calculation of Factual Score

The factual scores were derived in stages by following the below mentioned methodology -

- Collecting information corresponding to similar parameters as in the perceptual survey
- Developing a detailed scoring system for each parameter
- Post assigning scores to each parameter, calculating the raw scores
- Measuring raw scores by their importance to arrive at weighted scores

The final score for an institute was weighted average of Perception Score and Factual Score - equal weightage given to both

Post assigning ranks, a list of top 165 Engineering institutes was shared in the order of their ranking and the list of institutes who

have not shared factual questionnaire, but are ranked high basis perceptual score was shared in alphabetical order.

## SOME CAVEATS/ASSUMPTIONS

- Best efforts were made to reach maximum Engineering institutes and their participation was called for
- A thorough review of the instruments and parameters was undertaken by Senior Researchers and the experts in their fields.
- 194 Engineering institutes participated and shared the desired information with us.
- While computing the objective scores it was ensured that data was normalized on the basis of students.
- The Engineering college that did not send complete "Fact-Sheet" were ranked separately based on perception scores.
- Placement ranking is not a subset of national ranking and have been computed separately for regional ranking.
- The colleges which have not shared the factual questionnaire and have explicitly stated their unwillingness to participate in the ranking survey have been excluded from this survey.
- The institutes, who have shared their factual questionnaire, were asked to give self-attestation on genuineness and authentication of the information.
- The represented rankings are based on shared information. Market Xcel undertook reasonable measures to get complete and accurate information. However any lapse or concealment of information or any part thereof that would have impacted results in any way is beyond the control of Market Xcel. Hence we assume no responsibility towards the said.

## Market Xcel Data Matrix Pvt. Ltd.

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We hold membership of key research associations namely ESOMAR (European Society for Opinion and Marketing Research), MRSI (Market Research Society of India), AAPOR (American Association of Policy and Opinion Research) and MRSS (Marketing Research Society of Singapore) and are guided by their principles.

**Note:** Present survey has been exclusively conducted by an independent Research Agency named Market Xcel Data Matrix Pvt. Ltd. using stated methodology for arriving at given rankings. The publication house and its affiliates/employees/authorized representatives/group companies are not responsible/liable for the said rankings. Readers are advised to take an informed decision before acting upon the survey rankings.