All India Council for Technical Education
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Confederation of Indian Industry





AICTE-CII IndPact SURVEY

AICTE-CII SURVEY OF INDUSTRY-LINKED TECHNICAL INSTITUTES 2015

eduvisors
professional rigour in education

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AICTE-CII SURVEY OF INDUSTRY-LINKED TECHNICAL INSTITUTES 2015

Vijay Thadani
Chairman, CII National Committee on Higher Education &
Vice Chairman & Managing Director - NIIT & Co-Founder,
NIIT University

It is heartening to see "Industry-Institute Collaboration" becoming a much needed part of the human capacity building vocabulary. CII's initiatives and projects targeted at strengthening the bond between industry and academia, under the aegis of the University-Industry Congress are bearing fruit today and eliciting positive appreciation from the highest echelons of the Government.

One such project is the AICTE-CII IndPact survey that CII has undertaken annually with the All India Council for Technical Education (AICTE) for the last four years. The survey's initiative to map the industry linkages of technical institutes has grown in participation every year. By providing an opportunity to institutions to meticulously document their industry linkages, and substantiate the information with evidence, it has brought in an environment of authenticity and veracity into the exercise, that greatly benefits the institutions involved.

No initiative of this scope and magnitude is possible without the enthusiastic engagement and support of many stakeholders. I would like to thank members of the industry for their ongoing sponsorship and encouragement. Tata Chemicals and Elico Limited have been regular supporters and are joined this year by KHS Machinery, Cadila Pharmaceuticals and NRB Bearings.

As always, we would like to express our grateful appreciation to the AICTE team, under the leadership of Dr Anil D Sahasrabudhe for their assistance in reaching out to institutes and enabling the survey to be conducted. I particularly appreciate their outreach efforts and jury visits that has greatly enhanced the validity of the exercise. My sincere felicitations to the top performers and the mentors, whose efforts are also being recognized through an award this year.

The ecosystem of collaboration between institutions and industry is a harbinger for a new era of integrated responsibility in capitalizing on human capacity development, to enable India to realise her true potential.

Anil D Sahasrabudhe
Chairman, All India Council for Technical Education

High quality of technical education is the backbone of a country's economy. In India, the government's recent efforts have been targeted at improving the skills of graduates and research output of our institutions. The recent launch of Imprint scheme by Prime Minister Mr Narendra Modi bears testimony to this fact. Imprint envisages a single window mechanism for funding research in centrally-funded technical institutions (CFTIs), such as the Indian Institutes of Technology (IITs) and National Institutes of Technology (NITs). While it is true that they undertake bulk of the research work and get significant amount of funding from the government for doing so, they cater to only a small percentage of students. In the vast universe of technical education in our country, CFTIs constitute only a tiny fraction. The bulk of our student population goes to smaller, tier II, tier III institutes, where despite limited resources they produce reasonably good human resource. In fact some of the innovations by the bright students from these institutes are amazing. It is these institutions which need more attention and encouragement for the work that they are doing in shaping the youth of our country.

The survey of industry linkages of technical institutions which AICTE started doing in 2012 with the Confederation of Indian Industry (CII), and the annual awards which it leads to, is a good way of providing encouragement to institutes and recognizing and rewarding them for their good work with industry. For education to be meaningful, it should be translatable to what the industry requires. Since this survey brings industry experts at every step of the evaluation process, the validation that it provides to institutes is valued by them.

This initiative has also taught institutes how to document and record their work meticulously. The steady rise in the number of participating institutes shows that they are learning to see this as a self-evaluating exercise. The percentage of participation, compared to the number of eligible institutions, is however still very low and I hope that it will change soon.

I thank CII for working unstintingly on cementing the bond between industry and institutes. They have been a strong partner of AICTE since the beginning of this exercise. I congratulate them, and also my own team at AICTE, for successfully completing the fourth edition of the survey. I hope to see it becoming even bigger and better in years to come.

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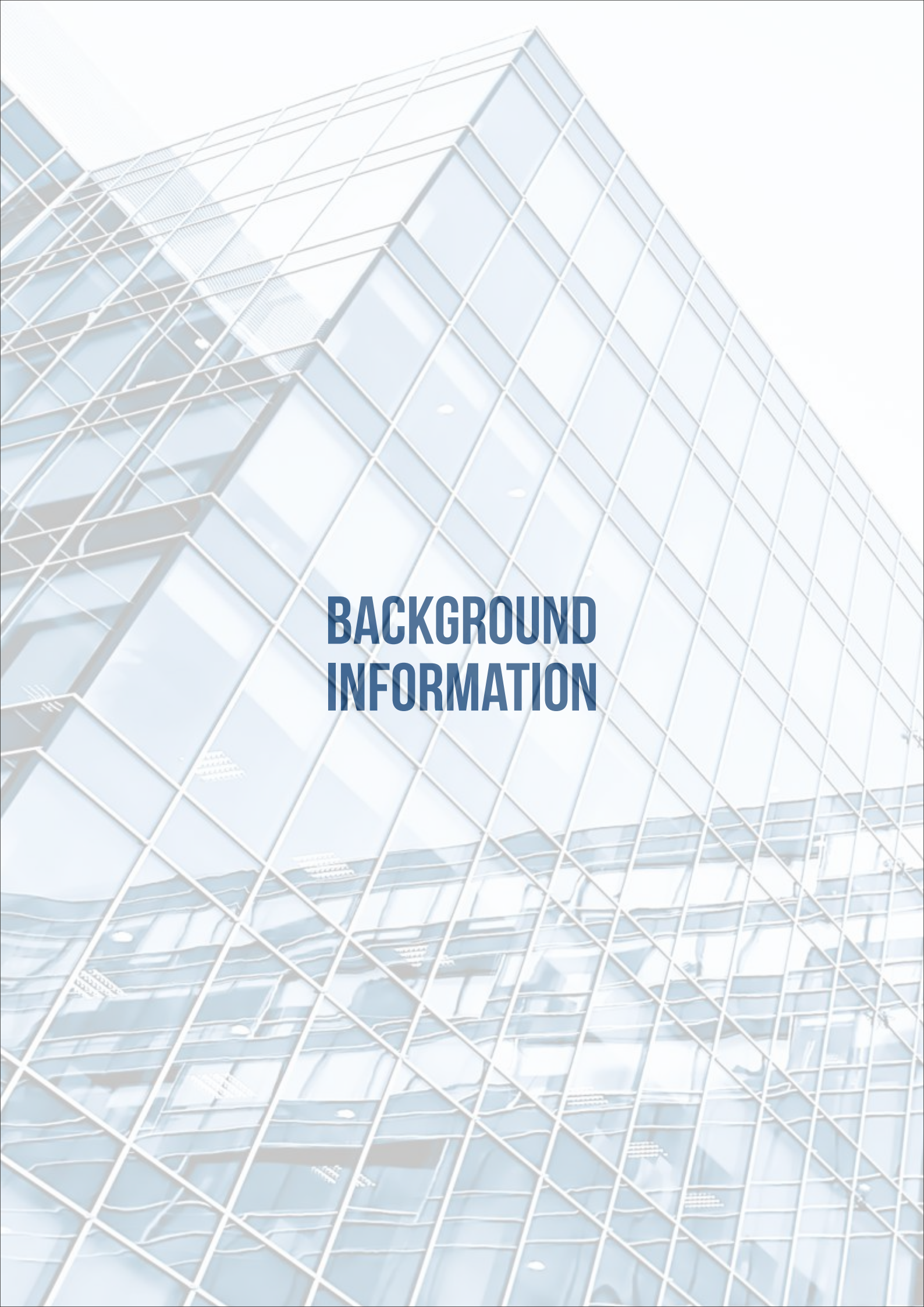


BACKGROUND INFORMATION

Introduction

The Confederation of Indian Industry (CII) has been working on improving the output and quality of higher education in India for the past several years. With a firm belief and commitment that industry has to pay back to academia and society what it gains from it and that it is in its own interest that the academic system becomes closely aligned with its requirements, CII created a multilateral platform of University-Industry Congress (UIC) in 2007. Several projects and activities have since then taken place under the aegis of this platform. One significant and successful project under the University – Industry Congress has been the annual mapping of linkages between industry and academia through a survey which is conducted in partnership with the All India Council for Technical Education (AICTE).

Conceptualised by CII in 2011 as a pilot and implemented in close coordination with AICTE since 2012, the AICTE-CII IndPact Survey is now a mature tool to measure the depth and extent of collaborations between technical institutions in the country and industry.

Purpose of the Survey

Excellence in higher education is the key to success of any society and plays an important role in a nation's development. Globally, excellence in higher education and especially in engineering education has thrived on robust industry linkages and collaborations. Producing quality human resource and contributing to social and economic development through research are vital indicators of excellence of institutions. In India, while we have several success stories of such industry linkages, we still have a long way to go to match global standards.

The partnership between industry and higher education institutions (HEIs) will help in preparing students for dynamic and ever-changing market needs while at the same time industry will also get future-ready employees from day one.

Objective of the Survey

The objective of IndPact Survey is to assess the current status of partnership between HEIs and industry. It has been designed keeping six basic parameters in mind such as faculty, infrastructure, placements, governance, curriculum and research and services / project & skill development. All parameters are examined purely from industry and output perspective and not from an academic perspective. The findings of the survey provide institutes with insights on how to improve in each parameter and achieve maximum benefit out of collaborations with industry. The parameters have been designed to give insights and to understand:

i. The extent to which institutes have been able to meet the dynamic demands of industry-responsive education

ii. Institutes' capabilities and resources to produce talent in order to meet market requirement

The insights and case studies of top performing institutes help other institutes understand how they can move up on the ladder of excellence.

Outcome and Benefits of the Survey

National-level Publication

The report on AICTE-CII Survey of Industry-Linked Technical Institutes carries the profiles of institutes which are leaders in industry-institute linkages. Best practice case studies of institutes having strong industry relations are presented in the report. The participating institutes can see their positioning in terms of industry linkages at a national level and use the insights and findings provided in the report to establish and improve their own industry partnerships.

National-level Recognition for Stakeholders

CII promotes and disseminates the findings of the survey widely in India and abroad through its network of 64 national and seven overseas offices. Citation in this survey provides institutes national-level recognition and opportunity for partnerships of various kinds with industry and other universities, both nationally and internationally.

Survey at Glance

Mode of the survey: Online, through login by institutes into AICTE portal

Mode of participation: Through the AICTE ID of institutes

Technical back-end support provided by: AICTE

Rest of the backend handled by: CII

Duration of the survey: 5 months 15 days

Dates of the survey: 1st Jan 2015 to 15th Jun 2015

Objective scores received on: 6th July 2015

Number of applications created on the AICTE portal: 2161

Number of applications submitted: 901

Number of institutes shortlisted for second round of evaluation: 87 (in 132 disciplines)

	2015
Disciplines in Standard Category	**1841**
Disciplines in Emerging Category	**1234**
Chemical & Allied Engg	121
Chemical & Allied (IIT, IIIT, NIT)	9
Civil & Allied Engg	394
Civil & Allied (IIT, IIIT, NIT)	11
Computer IT & Allied Engg	579
Computer IT & Allied (IIT, IIIT, NIT)	12
Electrical & Allied Engg	450
Electrical & Allied (IIT, IIIT, NIT)	12
Electronics & Allied Engg	549
Electronics & Allied (IIT, IIIT, NIT)	11
Mechanical & Allied Engg	517
Mechanical & Allied (IIT, IIIT, NIT)	11
Management	291
Pharmacy	88
Architecture & Planning	20
Total Number of Entries	**3075**

Winners of AICTE-CII Survey of Industry-Linked Technical Institutes 2015

S.No.	Award Category	Award Winner
1.	**Best Industry-Linked Chemical & Allied Engineering Institute (Degree)**	D.K.T.E. Society's Textile & Engineering Institute
2.	**Best Industry-Linked Civil & Allied Engineering Institute (Degree)**	Thiagarajar College of Engineering
3.	**Best Industry-Linked Computer / IT & Allied Engineering Institute (Degree)**	Thiagarajar College of Engineering
4.	**Best Industry-Linked Electrical & Allied Engineering Institute (Degree)**	Sona College of Technology
5.	**Best Industry-Linked Electronics & Allied Engineering Institute (Degree)**	R.M.K. Engineering College
6.	**Best Industry-Linked Mechanical & Allied Engineering Institute (Degree)**	Sri Sai Ram Engineering College
7.	**Best Industry-Linked Chemical & Allied Engineering Institute (Diploma)**	Thiagarajar Polytechnic College
8.	**Best Industry-Linked Civil & Allied Engineering Institute (Diploma)**	Parul Institute of Engineering & Technology (Diploma Studies)
9.	**Best Industry-Linked Computer / IT & Allied Engineering Institute (Diploma)**	Thiagarajar Polytechnic College
10.	**Best Industry-Linked Electrical & Allied Engineering Institute (Diploma)**	Thiagarajar Polytechnic College
11.	**Best Industry-Linked Electronics & Allied Engineering Institute (Diploma)**	Parul Polytechnic Institute
12.	**Best Industry-Linked Mechanical & Allied Engineering Institute (Diploma)**	P.A.C. Ramasamy Raja Polytechnic College
13.	**Best Industry-Linked Emerging Engineering Institute (Degree)**	Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engineering College
14.	**Best Industry-Linked NIT / IIT / IIIT**	National Institute of Technology Tiruchirappalli
15.	**Best Industry-Linked Management Institute**	Prin. L.N. Welingkar Institute of Management Development & Research

Winners of AICTE-CII Survey of Industry-Linked Technical Institutes 2015

S.No.	Award Category	Award Winner
16.	**Best Industry-Linked Pharmacy Institute (Degree)**	SVKM's Dr. Bhanuben Nanavati College of Pharmacy
17.	**Best Industry-Linked Architecture/ Planning Institute**	Thiagarajar College of Engineering
18.	**Mentor Award in Chemical Engineering**	Institute of Chemical Technology
19.	**Mentor Award in Engineering**	PSG College of Technology
20.	**Mentor Award in Engineering**	College of Engineering Pune
21.	**Mentor Award in Pharmacy**	Bombay College of Pharmacy

Background of the Survey

History and Evolution

The AICTE-CII IndPact survey was initiated in 2012 by CII in collaboration with AICTE to highlight the existence of industry-academia linkages in India. The scope of the survey has increased manifold in the past three years. The survey was initially launched only for six streams of engineering discipline in 2012. After its huge success, its coverage was expanded to other disciplines such as management, pharmacy, architecture in the following years. In 2014, participation was expanded to include all types of institutes such as self-financed institutes (including deemed universities), government institutes, government-aided institutes and centrally funded institutes (IITs, NITs etc).

Mode of Collecting Data

Mode of survey has been online via AICTE web portal since the first edition of survey in 2012. The survey is live for a duration of six months. Online scores are initially calculated via algorithms which are prepared after wide consultations with industry and academic experts. Since 2014, separate algorithms are being used to calculate the objective scores for degree and diploma institutes. Institutes are shortlisted for second stage of evaluation on the basis of their objective scores. They are then asked to send supporting documents for validation of data provided on the portal. A further shortlist is prepared on the basis of evaluation of documents. A high-level jury then looks at the shortlist and the pattern of scores. It then gives its recommendations for the final shortlist of select institutes which are visited by teams of experts from industry and academia, identified and nominated by CII and AICTE, respectively. Based on the jury visits and discussion forum, the winners are selected in various categories. Despite there being 24 set categories, awards are given in a category only if the participating institutes are seen to be above a certain threshold of excellence, identified on the basis of objective scores.

2012: First Edition of the Survey

The first AICTE-CII IndPact Survey was conducted in 2012 and was targeted only at AICTE-approved engineering institutes in six streams -- Chemical, Civil, Computer & IT, Electrical, Electronics & Communications and Mechanical engineering. Only those institutes which had been established for more than 10 years by August 2012 and offered at least three out of the six identified streams were eligible to participate. The questionnaire was made available to the participating institutes online via the AICTE web portal and the institutes uploaded data in the prescribed format.

2013: Second Edition of the Survey

The scope of the Survey was expanded beyond engineering to include Management, Pharmacy and Architecture institutes. The coverage of engineering streams was increased from six to nine. Uni-stream institutes (offering only one engineering stream, such as in Computer & IT or Chemical) were also allowed to participate in the Survey if they fulfilled the basic criteria of being established for more than 10 years by August 2013. To further encourage participation, two new categories of awards were established - standard and emerging institutes which was based on the number of years of establishment. This was

2014: Third Edition of the Survey

The third edition of the AICTE-CII IndPact Survey in 2014 witnessed the expansion of scope to include a separate category of diploma institutes in Engineering, Management and Pharmacy, in addition to the regular degree category. No major changes were made in the eligibility criteria although separate ratings and algorithms were set for diploma institutes to take care of the fact that they do not undertake research and focus more on projects and skill development.

Key Trends and Past Behaviors

One noticeable trend of AICTE-CII IndPact has been the steady increase in participation by institutions. What started with only 156 institutes in 2012, increased to 814 institutes in 2014. In current edition of the survey, a total of 901 institutes have submitted their entries while 2161 registered for it. Discipline-wise entries created (but not submitted) on the AICTE portal were 223 (3474 in 2014 and 1347 in 2013). Discipline-wise actual submissions were 3075 (2744 in 2014 and 1124 in 2013). As in the previous years, institutes participated in the survey from all the eight AICTE zones. There has been particularly high level of participation from the southern region which has seen an increase from 18 per cent to 51 per cent in the past four years. The presence of high number of technical institutes in the southern region is the reason behind the high level of participation from this region.

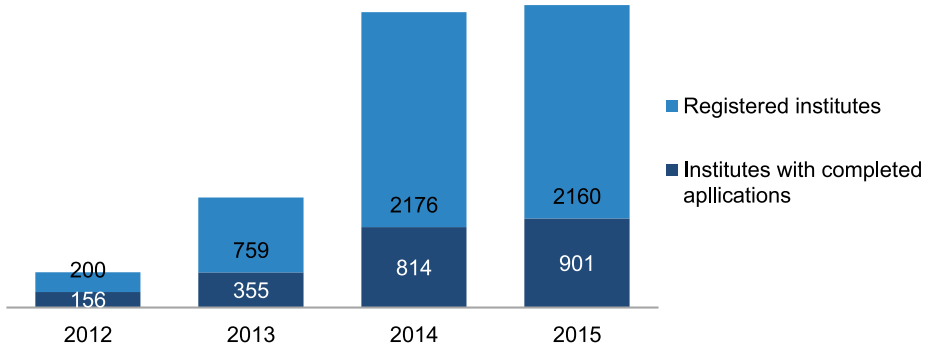


Fig 1: No. of registered institutes against institutes with completed applications

Category	Discipline	2012			2013			2014		
		Eligible institutes	Participating institutes	% participation	Eligible institutes	Participating institutes	% participation	Eligible institutes	Participating institutes	% participation
Established	Emerging	1070	156	15%	2230	660	30%	2333	381	16%
	Management	0	0	NA	2064	137	7%	897	115	12%
	Pharmacy	0	0	NA	477	21	4%	618	46	7%
	Architecture	0	0	NA	80	7	9%	87	12	13%
Emerging	Emerging	0	0	NA	2890	165	6%	3710	347	9%
	Management	0	0	NA	1640	80	5%	2031	181	8%
	Pharmacy	0	0	NA	0	0	NA	852	36	4%
	Architecture	0	0	NA	0	0	NA	25	6	24%
Total		1070	156	15%	9381	1070	11%	10553	1124	10%

Table 1: No. of Participating institutes verses No. of eligible Institute over the years

Note: There is a difference in the institute-wise unique count of submissions every year and the count of established and emerging institutes together. This is because the categorization of an institute as "established" or "emerging" is based on the year of start of a particular course for which it participates in the survey. Same institute can therefore figure in both established and emerging categories according to the duration of the different courses for which it participates in the survey.

Despite the fact that there has been a significant jump in the number of participating institutes in the survey in real terms, in terms of percentage of eligible institutes vis a vis participating institutes, the average numbers are still quite low. This points to the fact that the real potential of the survey is yet to be tapped. There are still a large number of eligible institutes which need to be encouraged to at least register for the survey and use the questionnaire as a tool for self-assessment and improvement even if they do not have enough to showcase in the name of industry collaboration and therefore do not want to submit their applications. The benefits of undertaking this exercise also need to be conveyed more forcefully and effectively to them. Table 1 shows that the highest percentage of participating institutes are always from engineering discipline because of the high scope for collaboration with industry in this field. This is followed by Management and Architecture. Only this year the percentage of Architecture institutes has been marginally higher than the rest which is a good development since this discipline has traditionally been under-represented in the survey. This is due to the fact that Architecture as a discipline does not have much scope for research which may require industry participation.

Parameters and Distribution of Weightages

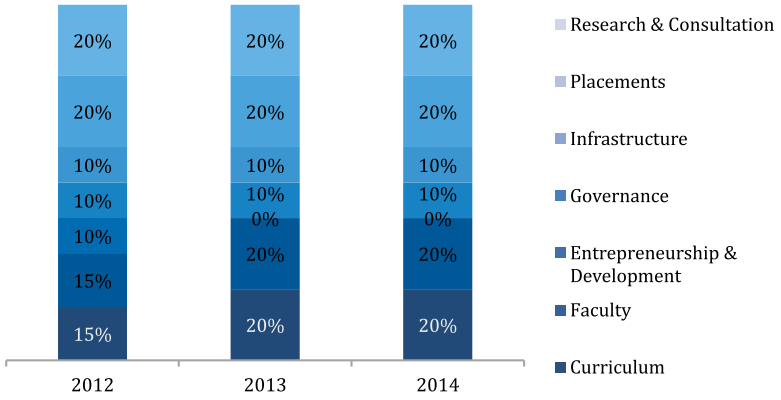


Fig 2: Year-wise weightage distribution across evaluation parameters

Though the weightages have been kept more or less the same across parameters over the years, varying maximum score has resulted in faculty and placements receiving the maximum focus in evaluation.

Major Challenges Faced by Institutes

Evidently, a significant gap can be observed in the number of institutes that register for the survey and the ones that actually complete the whole survey and submit their application. As per this year's datas, a total of 2,161 institutes registered for the survey but only 901 institutes, which accounts for only 41 per cent of the registered institutes, were successful in completing it. This has consistently been an area of concern about the ability of institutes to complete the survey. As explained in last year's report also, the wide gap between the same could be due to any of the following reasons:

- The survey is detailed and exhaustive. There are various data entry points under each parameter. Institutes might not have this information ready in the desired format hence delay in information gathering could lead to missing data points in the survey. Although the AICTE portal was open for five and half months, many institutes started gathering information late and hence they might not have been successful in completing the survey.
- Filling up the complete survey questionnaire requires full-time internet connectivity which might have led to unsuccessful submission of entries.
- Due to poor industry linkages, institutes might not have enough information to fill in the questionnaire and as a result institutes chose to opt out.
- Institutes are poor in maintaining and keeping the records of industry linkages and as a result lack sufficient proof to back their claims. Since the deterrent against wrongful submission of information on the portal has been effectively communicated to institutes and they are aware of the requirement of submission of valid documentary evidence of the claimed data during the due diligence process, the number of actual submissions is lower than registrations.
- Institutes also face technical challenges such as logging into the AICTE portal and entering the required data into the portal. This year, for the first time, AICTE provided an import function to put all the data into an excel sheet and then import it into the portal. But due to technical difficulties institutes may have still found it hard to do the same. Though AICTE team received queries about the same every day and resolved the technical glitches with the help of their team, still some institutes might not have taken their queries to AICTE and left the survey incomplete.

Key Stakeholders and Their Roles

Major stakeholders of AICTE-CII IndPact Survey are:

A. Organizers

The survey is organized by Confederation of Indian Industry (CII) in collaboration with All India Council for Technical Education (AICTE).

B. Participants

Participants are institutes granting degree and diploma in Engineering, Management, Pharmacy and Architecture across all AICTE zones in India.

C. Jury

There are various levels at which the jury is

involved in the survey. First is at the stage of expert level evaluation and vetting of parameters and weightages and recommending modifications as per the changing requirements of industry and academia. Second is at the time of analysis of objective scores and shortlisting of institutes for spot verification and assessment of industry linkages. Third is during on-site evaluation. Fourth and final level at which the jury works is while analyzing the final feedback from visiting experts after which it decides the names of best performers in each category.

The jury comprises members from diverse backgrounds such as industry, academia, government and non-government organizations such as CII, AICTE, Indian National Academy of Engineering (INAE) and other councils working towards betterment of industry-institute linkages. Academic jury representatives vary from teaching and research professional to administrative professionals. Industry representatives include CEOs, Directors and subject matter experts. The diversified backgrounds in the jury profile imply the high integrity of the survey and its findings.

D. Award Sponsors

Over the years, the survey has led to awards for more than 25 institutes, sponsored by reputed CII member companies. The awards have been instituted in the following categories:

Engineering discipline (15 Awards)

I. Best industry linked engineering institute - (separate awards for degree and diploma institutes in six streams) - 12 awards

II. Best IIT / NIT / IIIT - 1 award

III. Best industry linked emerging engineering institute (separate awards for degree and diploma institutes) - 2 awards

Management discipline (3 Awards)

I. Best industry linked management institute - 1 award

II. Best IIM – 1 award

III. Best industry linked emerging management institute – 1 award

Pharmacy discipline (4 Awards)

I. Best industry linked pharmacy institute (separate awards for degree and diploma institutes) - 2 awards

II. Best industry linked emerging pharmacy institute (separate awards for degree and diploma institutes) - 2 awards

Architecture disciple (2 Awards)

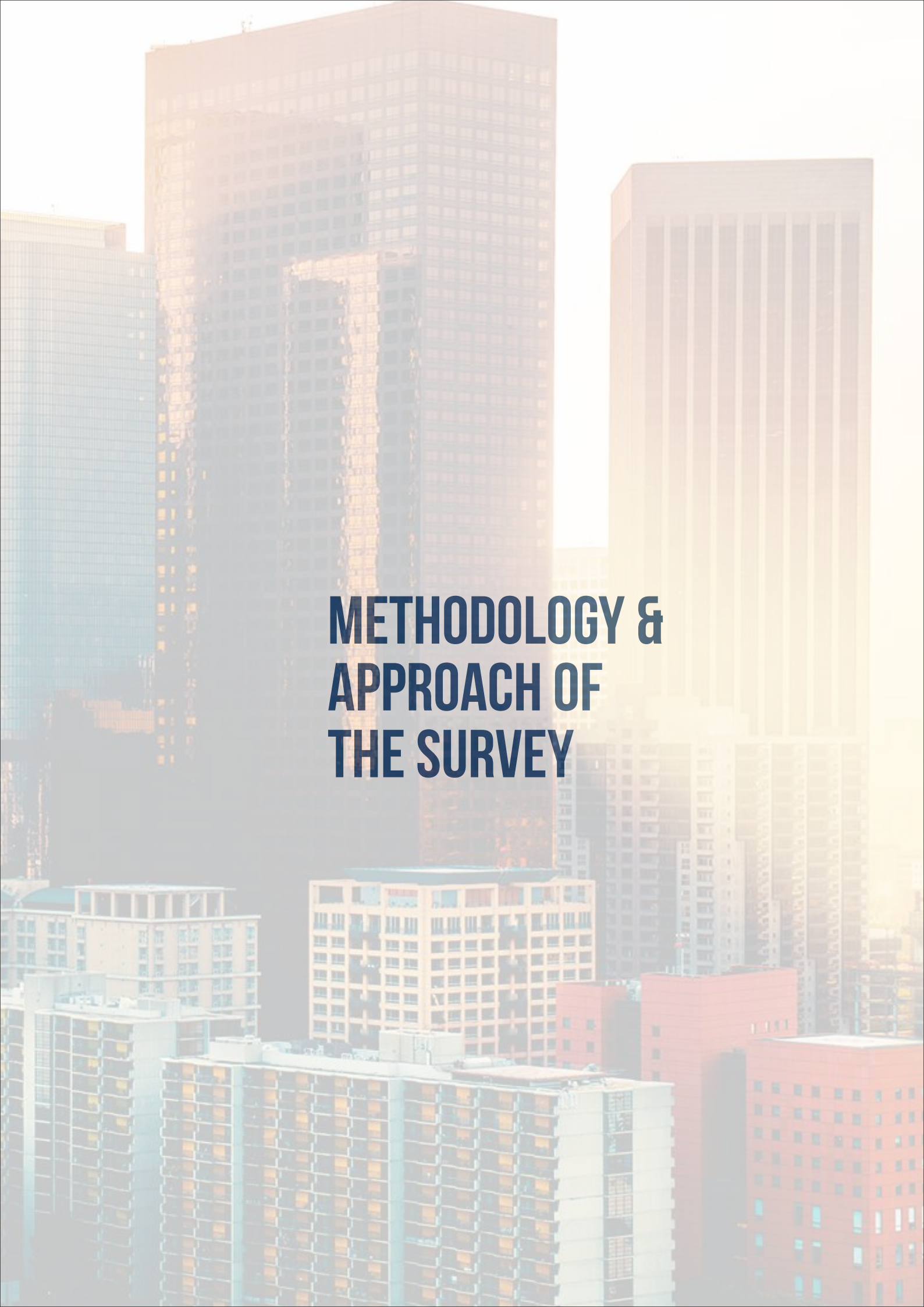
I. Best industry linked architecture/planning institute - 1 award

II. Best industry linked emerging architecture/ planning institute - 1 award

Top performing institutes in each award category are invited to the award ceremony which takes place under the aegis of University-Industry Congress and Global Higher Education Summit of CII. The winners are given trophies and certificates in the name of the award sponsoring company.

Among the long-standing and dedicated supporters of the AICTE-CII Survey awards, since inception, are Hyderabad-based electronic instrumentations company ELICO Limited, headed by Mr Ramesh Datla and chemicals major Tata Chemicals, headed by Mr R Mukundan. Cadila Pharmaceuticals instituted the award in pharma category in its name in 2014 and has continued that support this year. New sponsors of awards this year include, NIIT Technologies, Hindustan Unilever, NRB Bearings and KHS Machinery. In the past, sponsoring companies have included Bharat Forge, Ingersoll Rand, Dynamatic Technologies, Infosys, Godrej & Boyce and others.

With the increase in variety and number of participants, the number of awards has also increased over the years. In the first two editions of the survey, i.e., in 2012 and 2013, diploma institutes competed with degree institutes but this anomaly was corrected in 2014 and a separate category of diploma awards were introduced in all streams of engineering and pharmacy. Since then, the participation from diploma granting institutes has increased substantially.



METHODOLOGY & APPROACH OF THE SURVEY

Survey Participants

The fourth edition of the survey was open to all degree and diploma granting institutes across four disciplines – **Engineering, Management, Pharmacy and Architecture.** Following type of institutes were eligible to participate:

1. Self-financing institutes (including deemed universities)
2. Government institutes (including university departments)
3. Government-aided institutes
4. Centrally-funded institutes (IITs, NITs, IISERs etc)

Types of Subject Areas in Each Discipline

Engineering: Degree and diploma courses in Chemical & Allied, Civil & Allied, Computer / IT & Allied, Electrical & Allied, Electronics & Allied and Mechanical & Allied

Management: Degree and diploma courses in Management

Pharmacy: Degree and diploma courses in Pharmacy

Architecture / Planning: Degree courses in Architecture

Eligibility for Participation

Based on years of existence, institutes were segregated into two categories:

Standard Category

Any Engineering, Management Pharmacy and Architecture/ Planning institute's course which is in operation for at least 10 years as on 1st Aug'15

Emerging Category

Any Engineering, Management, Pharmacy and Architecture/ Planning institute's course which is in operation for at least 5 years and less than 10 years as on 1st Aug'15

A total of 901 institutes submitted entries in this year's survey. Participation from southern institutes was highest while it was lowest from institutes in the north.

Category	Discipline	2015		
		Eligible institutes	Participating institiutes	% participation
Established	Engineering	2422	453	18
	Management	953	128	13
	Pharmacy	710	53	7
	Architecture	84	16	19
Emerging	Engineering	4641	373	8
	Management	2341	163	6
	Pharmacy	984	35	3
	Architecture	59	4	6
Total		12234	1225	10

Table 2: Percentage of Participation Versus Eligible Institutes

Note: For 2015, while the institute-wise unique count of submissions is 901, the number goes up to 1225 if taken as a count of established and emerging institutes together. This is because the categorization of an institute as "established" or "emerging" is based on the year of start of a particular course for which it participates in the survey. Same institute can therefore figure in both established and emerging categories according to the duration of different courses for which it participates in the survey.

Participation was distributed across 8 AICTE zones; with the southern region having the highest level of participation. Percentage participation was very poor for the northern region.

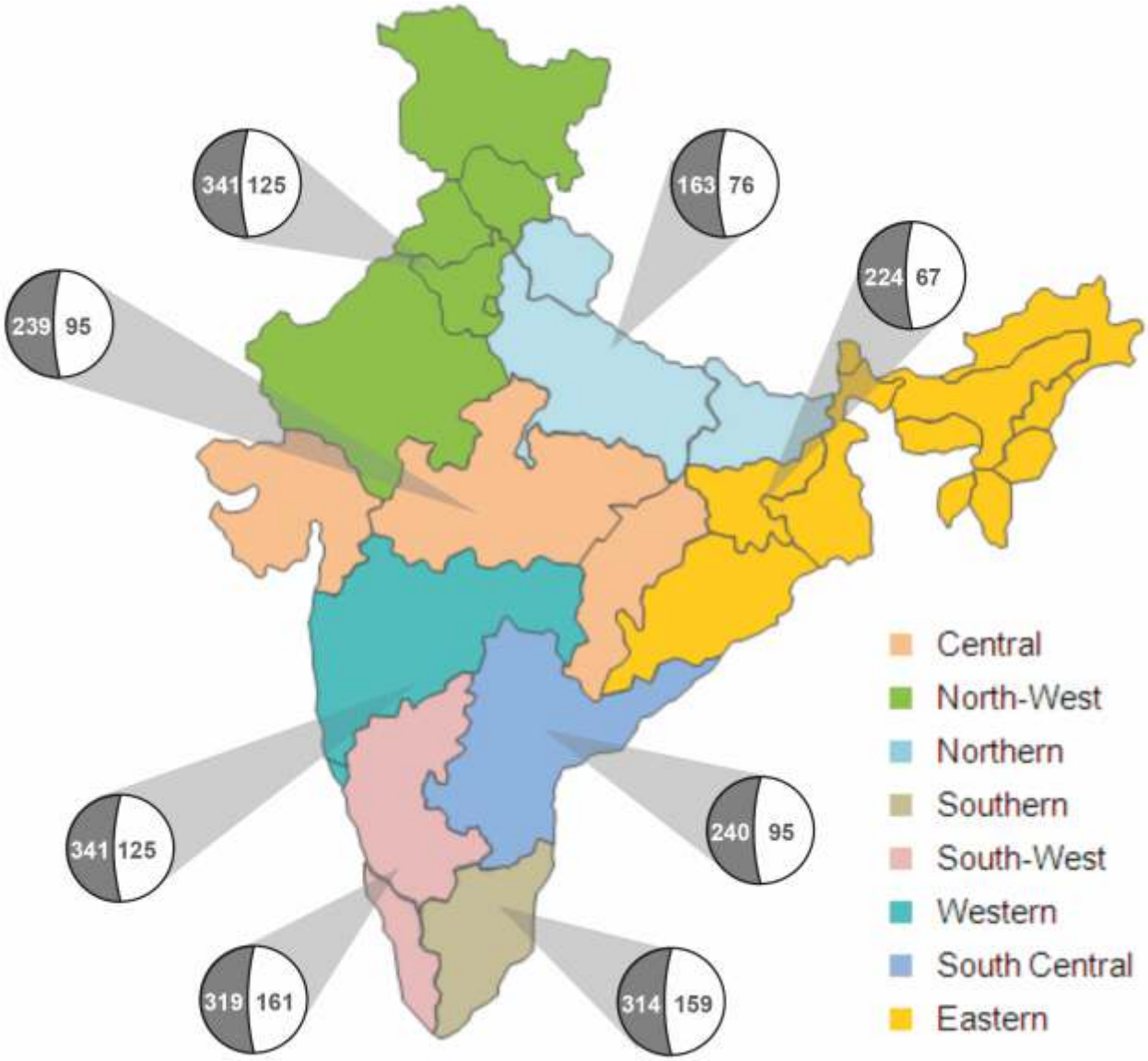


Figure 3: Online survey participation across regions

X: Eligible institutes in the survey
Y: Participating institutes in the survey

How the Survey Unrolled

Figure 4: How the Survey Unrolled

Online Survey

The survey was conducted online with institutes using their AICTE login ID to log into the AICTE portal. The survey link was activated on 1st January 2015 and closed on 15th June 2015. All eligible institutes were informed about the survey through emails as well as advertisements in national dailies. Emailers were sent to all eligible institutes after every three days from March till May. From June onwards, emailers were sent every day, to maximize participation. Queries were sorted at individual institute level and all possible guidance was provided to help them complete the survey.

Survey Evaluation

Institutes were evaluated on the basis of six parameters i.e. curriculum, faculty, placement, research / services / projects & skill development, governance and infrastructure. Each parameter consisted of specific questions referred to as sub-parameters in this report. The absolute scores of institutes for every sub-parameter were divided by the maximum score for that parameter and multiplied by the weightage of that parameter to obtain the weighted score for every parameter. The sum of weighted scores across the six parameters provided the objective score of each institute. At the end of the survey, the application algorithm generated an indicative objective score for each institute. This score was used as a reference point for shortlisting for the second stage of evaluation. The final winners were selected on the basis of several rounds of consultations among jury members and ground visits to the shortlisted institutes in the final leg of evaluation.

Validation Process

After the institutes were shortlisted based on their scores, they were asked to send supporting documents for verification. These documents consisted of email correspondences, letters, certificates, books, brochures and any other documents which could verify the information provided by them in the survey. The institutes were given specific instructions on the kind of documents that they were required to send and the ones which were not required. After scrutinizing all the supporting documents, top quartile institutes were shortlisted in every stream for each of the disciplines for jury visits. Jury visits was the third stage of evaluation and subsequent round of consultation among jury members and experts was the final leg of the process. A total of 37 institutes were selected for jury visits.

Jury Visits

Distinguished and eminent members from industry and academia undertook visits to the shortlisted institutes in the month of September 2015 for verification of information and qualitative assessment of the industry linkages of the institute. The 37 shortlisted institutes were:

Shortlisted Institutes (Stream-wise)

S. No.	Name of Institute	STATE	AICTE_REGION	Year of Inception
Architecture/Planning (Standard Category)				
1	THIAGARAJAR COLLEGE OF ENGINEERING	Tamil Nadu	Southern	1995
2	COLLEGE OF ARCHITECTURE IET BHADDAL	Punjab	North-West	2004
Emerging Engineering Institute (Degree)				
1	SRI ESHWAR COLLEGE OF ENGINEERING	Tamil Nadu	Southern	2008
2	R.M.K. COLLEGE OF ENGINEERING AND TECHNOLOGY	Tamil Nadu	Southern	2008
3	SRI SHAKTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY	Tamil Nadu	Southern	2009
4	VEL TECH MULTI TECH DR.RANGARAJAN DR.SAKUNTHALA ENGINEERING COLLEGE	Tamil Nadu	Southern	2007
Chemical & Allied Engineering Institute (Degree)				
1	INSTITUTE OF CHEMICAL TECHNOLOGY	Maharashtra	Western	1933
2	PSG COLLEGE OF TECHNOLOGY	Tamil Nadu	Southern	1965
3	ERODE SENGUNTHAR ENGINEERING COLLEGE	Tamil Nadu	Southern	1996
4	D.K.T.E. SOCIETY'S TEXTILE & ENGINEERING INSTITUTE	Maharashtra	Western	1982
5	SRI VENKATESWARA COLLEGE OF ENGINEERING	Tamil Nadu	Southern	1994
Civil & Allied Engineering Institute (Degree)				
1	THIAGARAJAR COLLEGE OF ENGINEERING	Tamil Nadu	Southern	1957
2	WALCHAND INSTITUTE OF TECHNOLOGY	Maharashtra	Western	1987
3	ERODE SENGUNTHAR ENGINEERING COLLEGE	Tamil Nadu	Southern	2002
Computer / IT & Allied Engineering Institute (Degree)				
1	PARUL INSTITUTE OF ENGINEERING & TECHNOLOGY	Gujarat	Central	2003
2	WALCHAND INSTITUTE OF TECHNOLOGY	Maharashtra	Western	1985
3	THIAGARAJAR COLLEGE OF ENGINEERING	Tamil Nadu	Southern	1984
4	S.A.ENGINEERING COLLEGE	Tamil Nadu	Southern	1999
5	R.M.K. ENGINEERING COLLEGE	Tamil Nadu	Southern	1997
Electrical & Allied Engineering Institute (Degree)				
1	PARUL INSTITUTE OF ENGINEERING & TECHNOLOGY	Gujarat	Central	2003
2	S.A.ENGINEERING COLLEGE	Tamil Nadu	Southern	1999
3	ERODE SENGUNTHAR ENGINEERING COLLEGE	Tamil Nadu	Southern	1996
4	VEL TECH MULTI TECH DR.RANGARAJAN DR.SAKUNTHALA ENGINEERING COLLEGE	Tamil Nadu	Southern	2001
5	SONA COLLEGE OF TECHNOLOGY	Tamil Nadu	Southern	1997
Electronics & Allied Engineering Institute (Degree)				
1	WALCHAND INSTITUTE OF TECHNOLOGY	Maharashtra	Western	1983
2	PARUL INSTITUTE OF ENGINEERING & TECHNOLOGY	Gujarat	Central	2003
3	S.A.ENGINEERING COLLEGE	Tamil Nadu	Southern	1999
4	VEL TECH MULTI TECH DR.RANGARAJAN DR.SAKUNTHALA ENGINEERING COLLEGE	Tamil Nadu	Southern	2000
5	R.M.K. ENGINEERING COLLEGE	Tamil Nadu	Southern	1995
Mechanical & Allied Engineering Institute (Degree)				
1	THIAGARAJAR COLLEGE OF ENGINEERING	Tamil Nadu	Southern	1958
2	WALCHAND INSTITUTE OF TECHNOLOGY	Maharashtra	Western	1989
3	ERODE SENGUNTHAR ENGINEERING COLLEGE	Tamil Nadu	Southern	1996
4	SRI SAI RAM ENGINEERING COLLEGE	Tamil Nadu	Southern	1995
5	R.M.K. ENGINEERING COLLEGE	Tamil Nadu	Southern	1995
Chemical & Allied Engineering Institute (Diploma)				
1	P.A.C. RAMASAMY RAJA POLYTECHNIC COLLEGE	Tamil Nadu	Southern	1963
2	THIAGARAJAR POLYTECHNIC COLLEGE	Tamil Nadu	Southern	1959

The visiting jury was asked to give its feedback on following broad points:-

I. Whether the institute met expectations with regards to maintaining high industry collaboration
II. Whether the information furnished by the institute in the online survey was authentic
III. Qualitative judgment regarding industry linkages of the institute

After the visits, jury members discussed the feedback and gave their final recommendations on the winners. This year the jury recommended 18 awards for institutes.

For the first time in the history of the survey, 4 institutes are being given awards in Mentor category. These institutes had won award for subsequent two years in same category in previous editions and are not eligible this year to win the same award again. PSG College of Technology and College of Engineering Pune have completed the cooling period this year and will be eligible to compete in all categories from next year. Institute of Chemical Technology will remain Mentor next year and will not be eligible to win an award next year also in Chemical Engineering category. Its cooling period will end in 2017 when it will be able to compete again in this category. Same applies for Bombay College of Pharmacy also.

Evaluation Parameters

Parameter	Degree		Diploma	
	Weightage	Maximum score	Weightage	Maximum scor
Governance	10%	7	5%	7
Curriculum	20%	17	25%	20
Faculty	20%	29	20%	28
Infrastructure	10%	10	10%	10
Services	20%	18	20%	17
Placements	20%	19	20%	18
Total	100%	100	100%	100

Table 3: Survey evaluation parameters

As mentioned earlier, institutes were evaluated based on six parameters mentioned above. Structured questions were designed in each of these parameters and both degree and diploma institutes were asked to answer these questions.

A significant difference in evaluation of degree and diploma institutes was in terms of services provided by the institutes. For degree institutes focus was on their research and consultation work and institutes were evaluated based on the number of published industry-related research papers and contractual consulting services that they provided to industry. On the other hand, diploma institutes were evaluated based on their ability to develop skill sets in collaboration with industry and revenue generation through projects.

This year, under the placement parameter, a question was added on students opting for self-employment, setting up social enterprise or starting a consultancy firm. This was done in order to identify entrepreneurial behavior in students and reduce the emphasis on job search after completion of studies. Industry providing mentorship support in incubation centre was also been included to evaluate industry-institute linkage in infrastructure parameter.

The evaluation parameters were further categorized into sub-parameters:

Institutes offering degree programmes	
Parameters	**Structured Questions (Sub-Parameters)**
Faculty	• Percentage of faculty members who provided training / lectures to industry during 2013-15 • Percentage of faculty members on the boards of industry / advisory, academic councils / statutory university bodies • Number of man-days of refresher courses provided by faculty to industry executives during 2013-15 • Number of man-days of programmes attended/ trainings received by faculty from industry during 2013-15 • Number of faculty patents, design and other IPRs except copyrights of books in 2013-15 GRANTED • Number of faculty patents, design and other IPRs except copyrights of books in 2013-15 FILED • Percentage change in the number of patents filed and granted in 2014-15 over 2013-14 • Number of papers jointly authored with industry

Placements	• Number of companies with stream/ specialization specific job profile coming to campus • Number of students offered jobs from campus during 2013-15 • Number of students offered jobs in specialization/ stream specific companies in 2013-15 • Number of students who opted for self-employment / setting up social enterprise / setting up a company / starting a consultancy firm during 2013-15 • Incremental change in the number of companies which came to the campus in 2014-15 over 2013-14
Curriculum	• Number of companies providing Industrial training/ internship during 2013-15 • Number of Industry visits for students during 2013-15 • Percentage of visiting faculty from industry as compared to core faculty during 2013-15 • Number of Industry guest lectures / seminars conducted during 2013-15 • Incremental change in curriculum in 2014-15 over 2013-14
Research/ Consultation	• Number of Contractual Research projects assigned to institute during 2013-15 • Number of Technology Transfers to industry during 2013-15 • Number of Consultancy / Advisory Services provided to industry during 2013-15 • Incremental change in the number of industry research / consultation projects received in 2014-15 and 2013-14
Infrastructure	• Number of centres/ units/ cells financially supported by industry during 2014-15 • Percentage of financial contribution by industry in the unit during 2014-15 • Number of companies which provided mentorship support in incubation centres / entrepreneurship cell during 2014-15
Governance	• Number of industry members on BoG / advisory council meetings during 2014-15 • Percentage of Industry members attending BoG meetings / advisory council meetings during 2014-15

Institutes offering diploma programmes	
Parameters	**Structured Questions (Sub-Parameters)**
Faculty	• Percentage of faculty members who provided training / lectures to industry during 2013-15 • Percentage of faculty members on the boards of industry / advisory, academic councils / statutory university bodies • Number of man-days of refresher courses provided by faculty to industry executives during 2013- 15 • Number of man-days of programmes attended / trainings received by faculty from industry during 2013-15 • Number of faculty patents, design and other IPRs except copyrights of books in 2013-15; GRANTED and FILED • Number of papers jointly authored with industry
Placements	• Number of companies with stream / specialization-specific job profile which came to the campus • Number of students offered jobs from campus during 2013-15 • Number of students offered jobs in specialization / stream-specific companies in 2013-15 • Number of students who opted for self-employment / setting up social enterprise / setting up a company / starting a consultancy firm
Curriculum	• Number of companies which provided industrial training / internship during 2013-15 • Number of industry visits for students during 2013-15 • Percentage of visiting faculty from industry as compared to core faculty during 2013-15 • Number of industry guest lectures / seminars conducted during 2013-15 • Number of times the curriculum was updated between 2013-15
Projects & Skill Development	• Number of persons trained under skill development programmes with industry participation during 2013-15 • Number of projects done for social responsibility and community development with industry participation during 2013-15 • Revenue generated through sale of products manufactured in the institute during 2013-15
Infrastructure	• Number of centres/ units/ cells financially supported by industry during 2014-15 • Percentage of financial contribution by industry in the unit during 2014-15 • Number of companies which provided mentorship support in incubation centres / entrepreneurship cell during 2014-15
Governance	• Number of industry members on board of governors or advisory councils or academic committees during 2014-15 • Percentage of industry members who attended the meetings of board of governors or advisory councils or academic committees during 2014-15

EVALUATION & ANALYSIS OF THE SURVEY

A total of 901 responses were received over a duration of five and half months. Being a large online survey, data was submitted across varied subject streams. Following are the main highlights of the survey:

- Multiple submissions: Individual institutes could participate in more than one subject stream. Therefore, while 901 survey responses were received, in terms of the number of institutes, discipline-wise submissions were many times more at 3075.
- Disciplines: All subjects related to the main stream were grouped as 'Allied 'in order to enable meaningful analysis.
- No response: Where respondents entered no data in response to a specific question, it is assumed that they had no activity in that area and thus were given a zero score for that parameter.
- Multiple Entries: Where institutes made multiple entries, their scores were averaged. This was to enable analysis of the results on an overall basis.

Analysis Structure

The survey scores were analyzed on the following lines:

After a national-level, discipline-wise analysis the institutes were categorized as follows, on the basis of their objective scores:

- Platinum category – for institutes which received more than 35 out of 100 marks
- Gold category -- for institutes which received between 10 and 35 marks
- Silver category -- for institutes which received less than 10 marks
- Detailed analysis of platinum and silver rankings to understand key differentiating points
- Overall performance of established institutes at regional level
- **Parameter-wise performance of established institutes with following pointers:**
  - Distribution of ratings across each parameter
  - Key trends
  - Feedback from visiting jury
- Overall parameter-wise performance of emerging institutes and also at regional level
- Comparative review of top scoring established and emerging institutes across regions

National Level Analysis

For discipline-wise analysis of institutes at national level mean score and standard deviation were calculated. Average composite score at national level was 17, with the maximum score being 74.95 and minimum score being 4. Based on the scores obtained by the institutes, they were classified under three different categories, such as 1) Platinum category institutes; 2) Gold category institutes and; 3) Silver category institutes. Institutes in Platinum and Silver categories were observed respectively and based on behavior of majority; characteristics in all the six parameter were identified. For classification, the method of "Normal distribution" was applied. Following was the result of the same:

Category	Index Score	No. of institutes	% Share
Platinum	>35	95	11%
Gold	10 to 35	525	58%
Silvers	<10	281	31%

Section C:

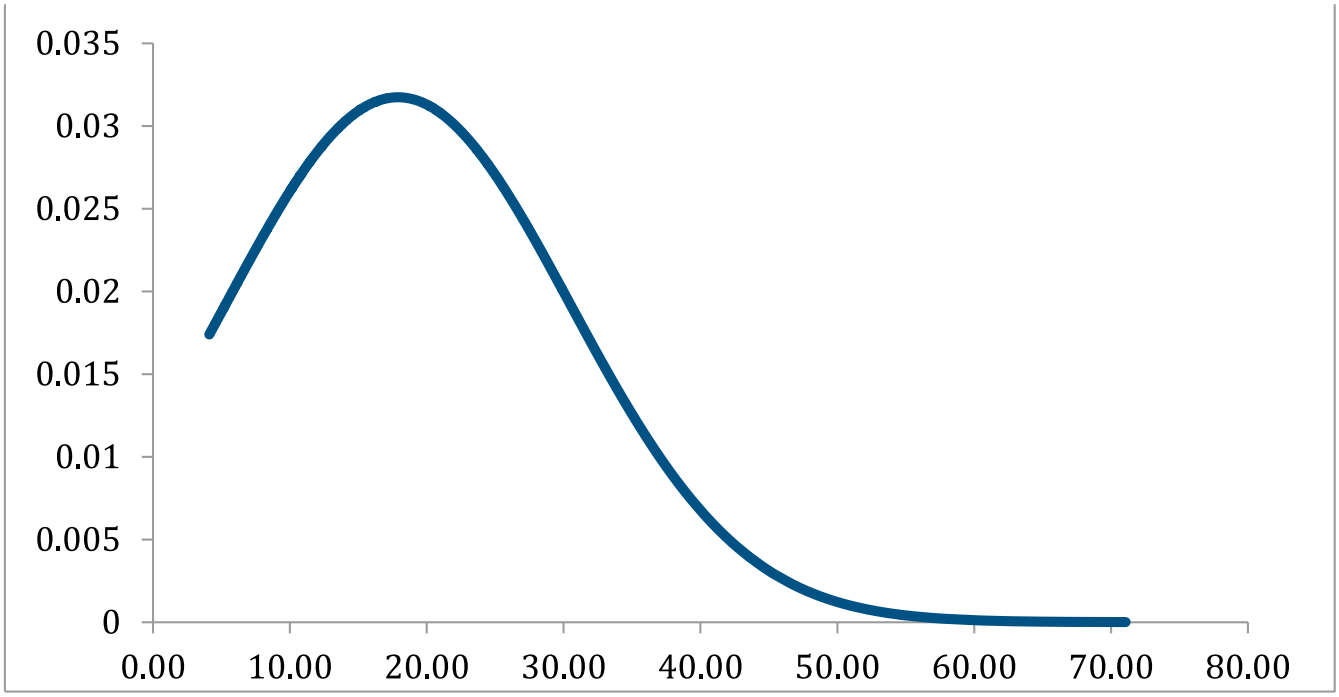


Figure 5: Normal distribution bell-curve of objective scores obtained by participating institutes

Based on the understanding from the survey conducted, the key characteristics of institutes falling in the platinum and silver categories, respectively, were as follows:

Category	Characteristics
Platinum	**Curriculum** • 85 per cent of the institute have more than 15 companies providing industrial training / internships • 79 per cent of the institutes have organized more than 6 industry visits for their students • 76 per cent institutes have more than 25 per cent of visiting faculty from industry to strengthen the bond between students and industry • 70 per cent of the institutes have conducted more than 10 guest lecturers / seminars
	Faculty • 33 per cent institutes had more than 50 per cent of their faculty providing training / lectures during 2013-15 • 39 per cent of the institutes had more than 20 per cent of faculty members on the board of industry / advisory, academic councils / statutory university bodies • 74 per cent of the institutes had more than 20 programmes / trainings received by faculty from industry • However, only 5 per cent of the institutes had more than 2 faculty members being granted patents, design and other IPRs except copyrights of books in 2013-15
	Governance • 83 per cent of the institutes had more than 6 industry members on BoG / advisory councils however only 47 per cent of industry members attended BoG / advisory council meetings
	Infrastructure • 26 per cent of institutes had more than 41 per cent of financial contribution by industry in the unit
	Placements • In 69 per cent of the institutes more than 80 per cent of the students got jobs from campus during 2013-15 • 63 per cent of the institutes were able to place more than 26 per cent students in stream-specific companies in 2013-15
	Services • Despite being in the platinum category, only 16 per cent of the institutes had more than 11 consultancy / advisory services provided to industry during 2013-15 • 40 per cent of the institutes had incremental changes worth Rs 5 lakh or more in the number of research / consultation projects in 2013-15
Silver	**Curriculum** • 81 per cent of the institutes did not have any company providing training / internship opportunities to their students during 2013-15 • 79 per cent institutes were not able to organize any industry visits for their students • 95 per cent of the institutes did not have a visiting faculty from industry • 91 per cent of the institutes had no guest lectures delivered by industry professionals during 2013-15
	Faculty • Apart from a handful of institutes, 97 per cent of the institutes scored zero across all the eight sub-parameters indicating non-existence of faculty-industry interface
	Governance • 71 per cent institutes did not have any industry member on their BoG / advisory council • Though the remaining institutes had at least one industry member on their BoG / advisory council, only 11 per cent of the institutes had members attending the BoG / advisory council meetings
	Infrastructure • 98 per cent of the institutes do not have any centre / unit financially supported by industry • In the remaining 2 per cent, only 75 per cent have more than 25 per cent financial contribution from industry in the unit
	Placements • 91 per cent of the institutes reportedly had less than 40 per cent students getting jobs from campus during 2013-15
	Services • 95 per cent of the institutes scored zero across all the four sub-parameters

Key observation as per the characteristics of platinum level and silver level institutes

Among the platinum category, majority of the institutes are doing well on almost all the parameters. Well-established institute-industry linkages are visible in the following areas:

- Established channels of communication for knowledge transfer from industry to institute and vice-versa
- Connecting with industry for revamping curriculum as per industry requirements, encouraging knowledge transfer by facilitating industry visits for students and organizing seminars and guest lecture; thus improving student-industry interface
- Direct as well as indirect engagement with the industry through participation in industry-mentored entrepreneurship programmes and access to funding in the form of industry sponsored centres, units or cells

Among the silver category, the following observations were made:

- The channels of communication are not well established, which is visible from the low or negligible interaction between the industry and the institutes. Majority of them haven't undertaken any research or consultancy project with industry, nor have they been engaged in any technology or knowledge transfer
- This lack of interaction is visible in low placements figures and negligible focus on entrepreneurship development

Regional Level Analysis

All the participating Institutes were located across eight AICTE zones, spread over all states of India. Highest participation was seen from South-West region.

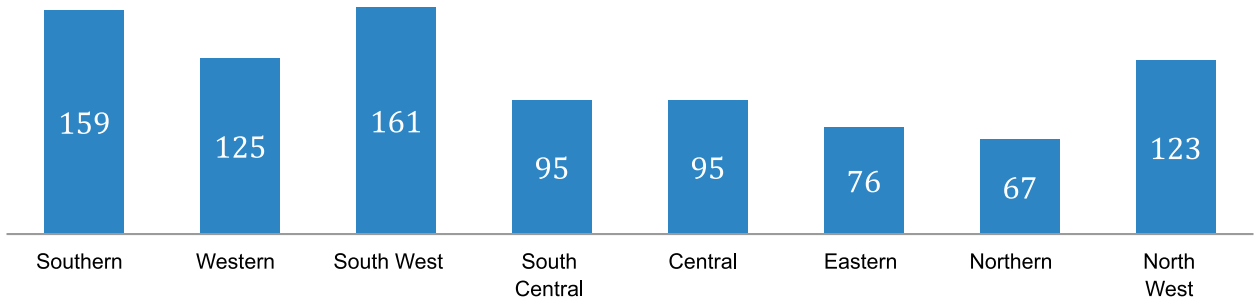


Fig 6: Number of participating institutes across AICTE zones

The average scores in each of the zones are highlighted below:

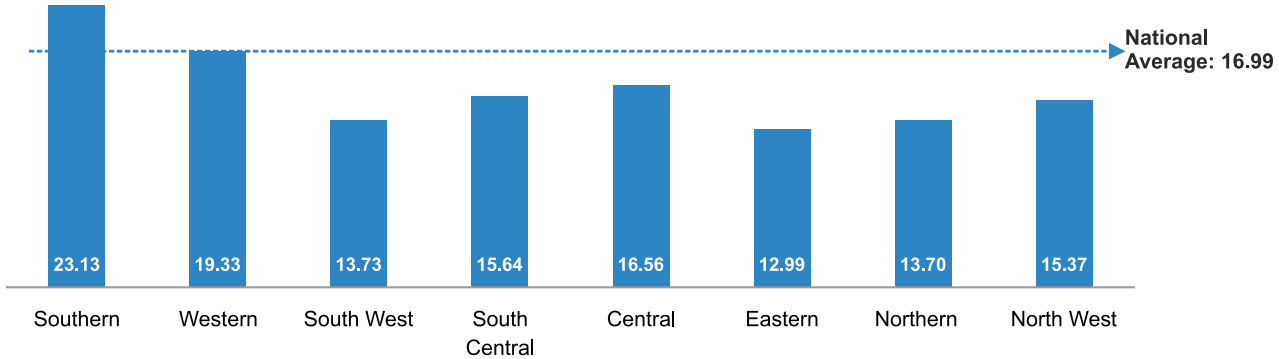


Fig 7: Average objective scores across AICTE zones

Average across all dimensions is higher than national average in Southern and Western region, while eastern region is the least scoring region. Other lagging regions are falling behind with a minor margin. Southern region has performed exceptionally well with a significant margin to the national average. On comparison, it was found that the eastern region is lagging performance in curriculum, faculty and placements.

Categorizing the institutes into platinum, gold and silver level based on their objectives scores across AICTE zones:

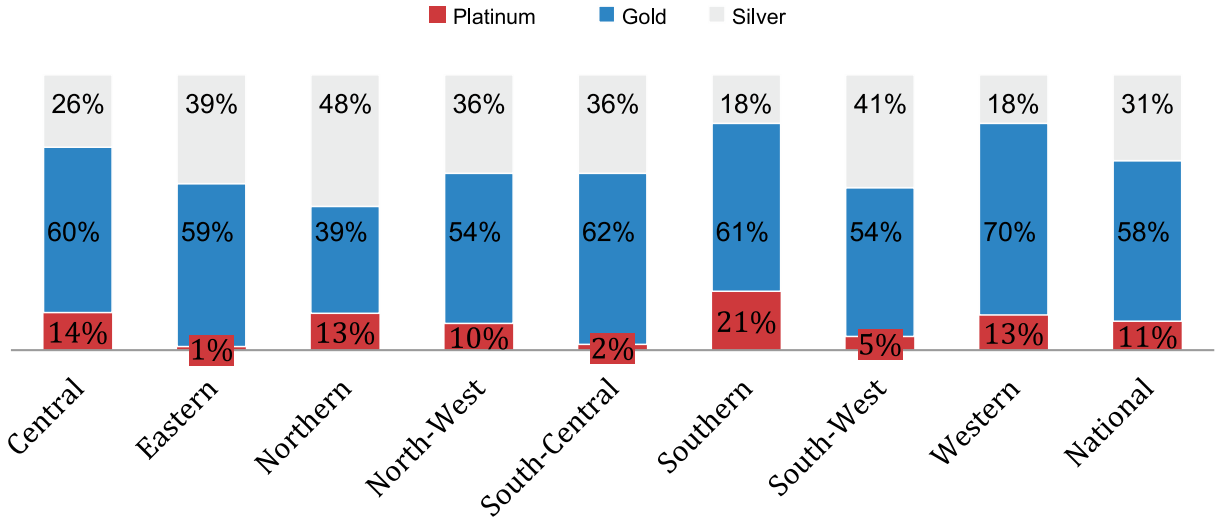


Fig 8: Categorization of participating institutes across AICTE zones

On analyzing distribution of institutes under platinum, gold and silver level across all AICTE zones and comparing with national level figure, the following trends emerge:

- The Southern zone has the highest percentage of institutes in the platinum level (21 per cent) along with a very high percentage of institutes in gold level (61 per cent)
- The Northern zone has the highest percentage of institutes falling in the silver category (48 per cent) with 13 per cent institutes qualifying for the platinum category
- The Eastern zone has the lowest percentage of institutes in the platinum category (1 per cent), followed by the South-Central zone (2 per cent)

Overall, the Southern, Central, Western, and Northern zones have more institutes in the platinum level. These zones have better average objective scores as seen in the figure above.

Discipline-Wise Analysis

Established Engineering Institutes

A total of 453 institutes across six broad streams of engineering were represented in this year's survey. The six broad streams covered within them all the sub-streams.

From a regional perspective, Southern region has attained the highest average score in all established engineering institutes across all streams. Along with Southern region, Western region has scored higher than the national average score of 16.73. This clearly shows that apart from southern, western, central and south-central region; all the other remaining regions need significant improvement in their industry linkages. Nonetheless, there was a significant difference between Southern and Northern region with Northern region scoring the least average score of 12.72.

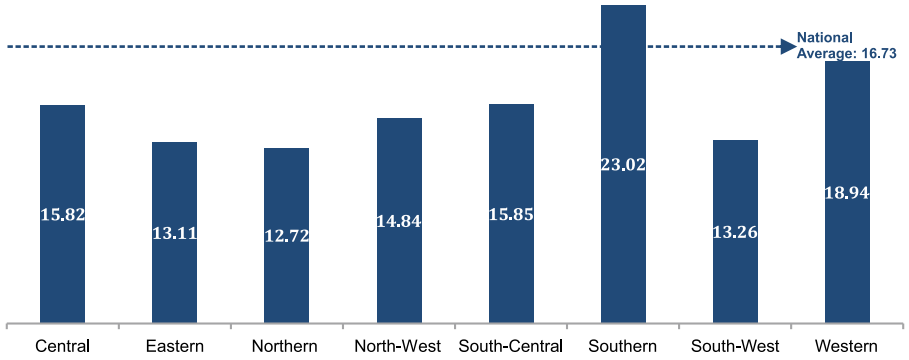


Fig 9: Established engineering institutes average objective score across AICTE zones

Established engineering institutes' overall performance by dimension is shown in the figure below. The figure below shows the percentage of institutes falling under various groups based on the rating or scores achieved by them in each specific dimension. Different cut-off points have been taken due to different maximum scores assigned to each parameter.

The overall analysis based on dimension shows that most of the established engineering institutes are doing relatively well in governance matters and placements. 23 per cent institutes have more than 3 industry members on their board of governors, though not all members attend the board of governors meetings. Established engineering institutes have moderately well placements statistics with 21 per cent of the institutes having more than 80 per cent companies with stream specific job profile coming to campus and ~75 per cent students being offered jobs from campus.

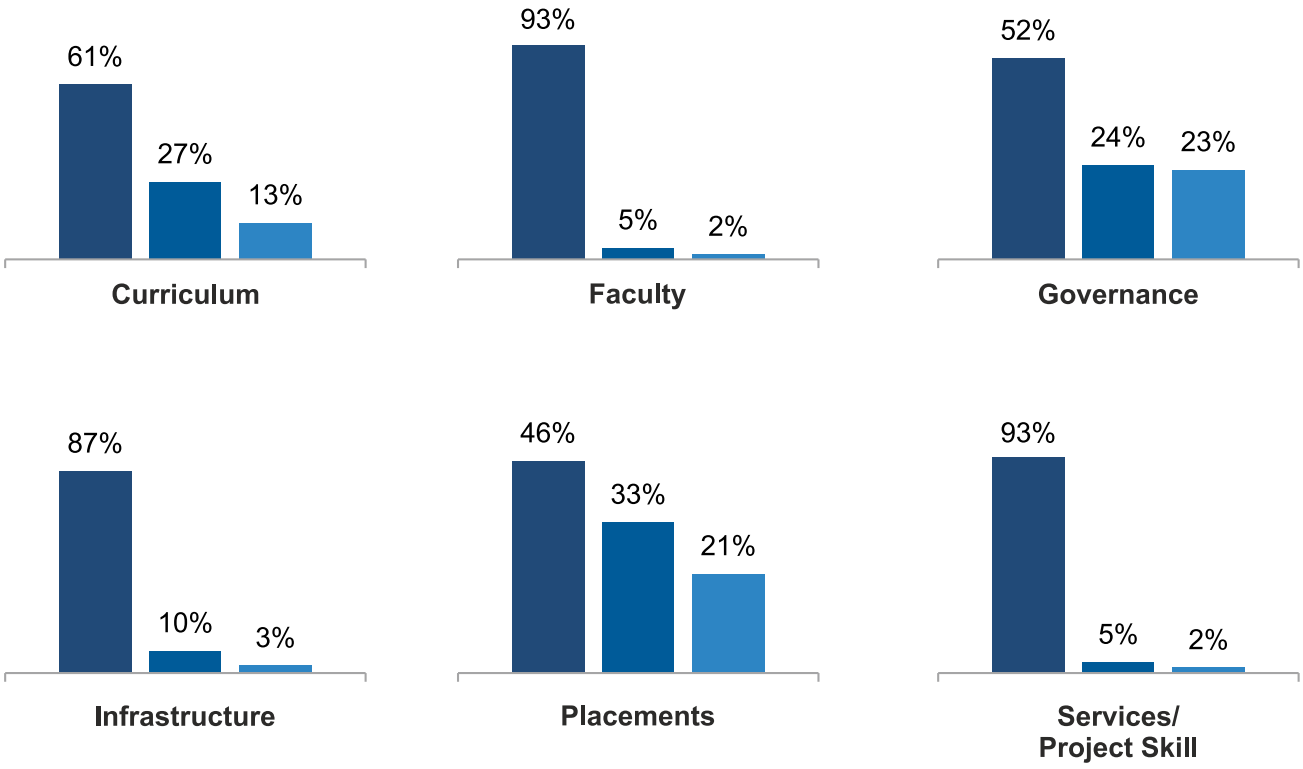


Fig 10: Parameter wise performance evaluation of established engineering institutes

There are only 13 per cent established engineering institutes which have attained a score of more than 10 out of a maximum score of 17 in curriculum. 36 per cent institutes have none of the companies offering internship opportunities to their students, which is a major area of concern. 73 per cent institutes have scheduled less than 2 industry visits for their students annually while 61 per cent institutes don't have any visiting faculty from industry. This implies a requirement of existing curriculum enhancement to allow students to have a practical exposure along with theoretical learning.

While governance and placements are moderately successful in establishing a good academic-industry interface, other parameters such as industry-faculty interface, services (in terms of industry research / consultation / projects & skills) and infrastructure which have been assigned a combined weightage of 50 per cent are relatively weaker linkage areas. 81 per cent of the institutes have none of their faculty members providing training / lectures to industry as well as none of their faculty members are on the boards of industry / advisory, academic councils or statutory university bodies. Only 11 per cent institutes have at least one centre / cell / unit supported financially by industry with industry having an average of 50 per cent contribution in the unit. Institutes have the least linkage with industry in terms of services provided to the industry. Only 2 per cent institutes are being assigned contractual research projects by the industry and have provided consultancy services to industry during 2013-15.

To sum up, established engineering institutes have performed well in governance and placements while other parameters are still quite weak in comparison.

Computer & IT Engineering (and allied)

Current year's survey saw participation in engineering discipline from across 9 streams, of which Computer, IT & allied had the highest number of entries from 389 established institutes across all eight AICTE zones. As per the national level categorization of institutes based on their objective scores, institutes offering Computer, IT & allied are also grouped into three separate categories i.e. platinum, gold and silver.

Category	Index Score	No of institutes	% Share
Platinum	>35	36	9%
Gold	10 to 35	257	66%
Silvers	<10	99	25%

Similar to national level analysis, highest level of participation was witnessed from south-west region with 91 institutes. Lowest participation was witnessed from northern region with only 19 institutes participating in the survey in this category.

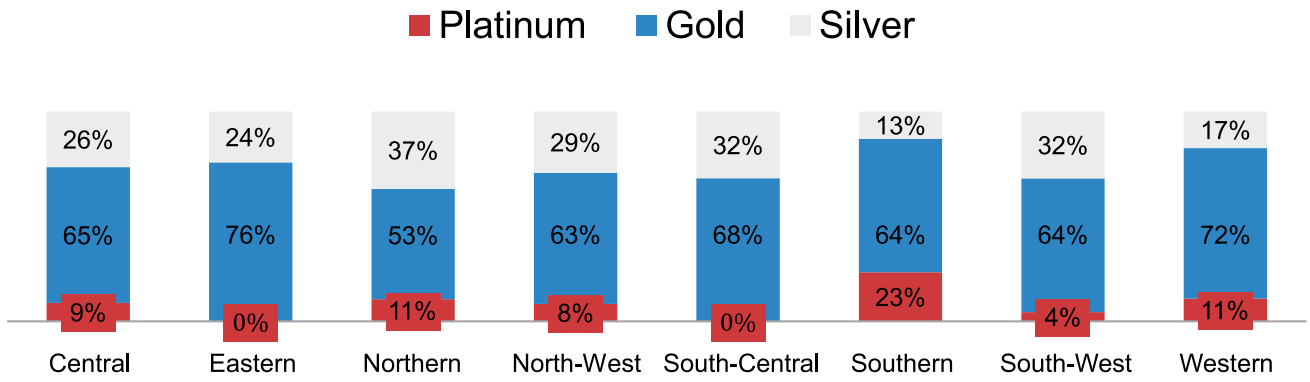


Figure 11: Categorization of participating institutes across AICTE zone

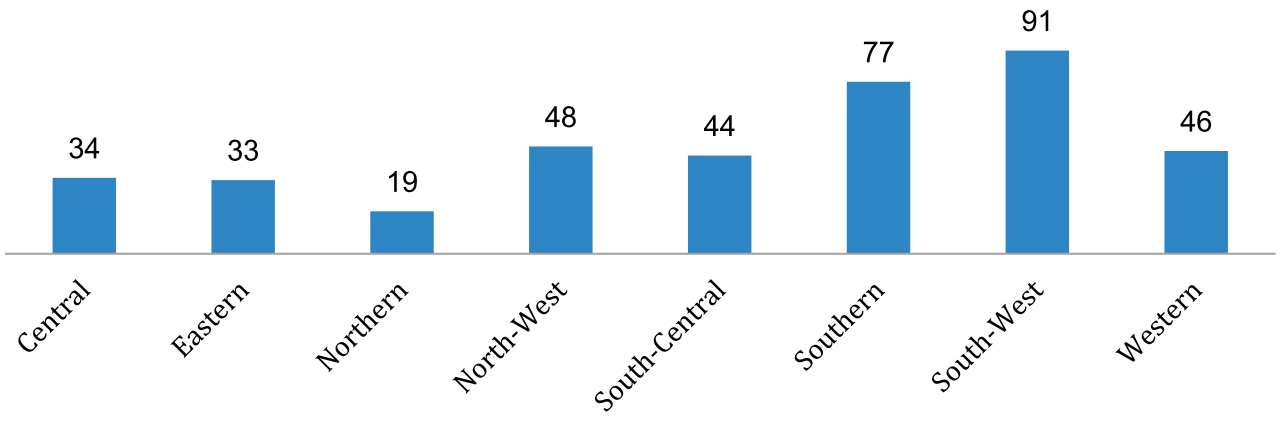


Fig 12: Number of participating institutes across AICTE zones

Despite the highest level of participation from south-west region, southern region had the best performance with 23 per cent of the institutes qualifying for platinum category and only 13 per cent institutes in silver category. None of the institutes in both eastern and south-central region qualified for the platinum category.

Key characteristics of platinum and silver category institutes

Platinum category institutes are more likely to have curriculum which is in line with industry requirements and involves a significant number of lecturers delivered by industry representatives. Majority of the institutes have high interaction between faculty members and industry professionals in the form of training or joining board of governors. Many platinum category institutes have good placement records in comparison to silver category institutes.

Majority of silver category institutes have very poor faculty-industry interface as the faculty member did not provide any training to the industry nor the faculty members are on boards of industry or academic councils.

Category	Characteristics
Platinum	**Curriculum** • 60 per cent of the institutes have more than 15 companies providing industrial training / internships • 40 per cent of the institutes have organized more than 6 industry visits for their students • 67 per cent institutes have more than 25 per cent of visiting faculty from industry to strengthen the bond between students and industry • 70 per cent of the institutes conducted more than 10 guest lecturers / seminars **Faculty** • 15 per cent institutes had more than 25 per cent of their faculty providing training / lectures during 2013-15 • 25 per cent of the institutes had more than 20 per cent of faculty members on the board of industry / advisory, academic councils / statutory university bodies during 2013-15 • 78 per cent of the institutes had more than 20 programmes / trainings received by faculty from industry during 2013-15 **Governance** • 80 per cent of the institutes had more than 6 industry members on BoG / advisory councils • 30 per cent of the institutes had more than 50 per cent industry members attending BoG / advisory councils **Infrastructure** • 48 per cent of the institutes had more than 50 per cent of financial contribution by industry in the unit **Placements** • In 91 per cent of the institutes more than 60 per cent of the students got jobs from campus during 2013-15 • 82 per cent of the institutes were able to place more than 80 per cent students in their stream specific companies in 2013-15 **Services** • 33 per cent of the institutes had more than 11 consultancy / advisory services provided to industry during 2013-15
Silver	**Curriculum** • 84 per cent of the institutes had no company providing industrial training / internships to their students • 88 per cent of the institutes had not organized any industry visits for their students • None of the institutes have a visiting faculty from industry **Faculty** • In 95 per cent of the institutes in this category, no refresher course had been provided by the institute faculty to the industry • None of the faculty members from these institutes were on the board of any company **Governance** • 67 per cent of these institutes had no industry members on their BoG / advisory councils • 30 per cent of the institutes had 1 to 3 industry members on their BoG but none of the members were attending the meetings **Infrastructure** • 95 per cent of these institutes didn't have any industry supported centres or units **Placements** • From 2013 to 2015, less than 40 per cent of students were offered job from campus in more than 88 per cent of the institutes • 16 per cent of the institutes were able to place successful more than 25 per cent students in the companies directly aligning to the core disciplines taught **Services** • None of the institutes had participated in any technology transfer or infrastructure outsourcing to industry since 2013 • Only 4 per cent had been involved in providing any consulting or advisory services to the industry

Civil Engineering (and allied)

Current year's survey saw participation of 177 established institutes across all eight AICTE zones in Civil Engineering & allied stream. As per the national level categorization of institutes based on their objective scores, institutes offering Civil Engineering & allied are also grouped into three separate categories i.e. platinum, gold and silver.

Category	Index Score	No. of institutes	% Share
Platinum	>35	15	8%
Gold	10 to 35	92	52%
Silvers	<10	70	40%

Similar to national level analysis, highest level of participation was seen from south-west region with 47 institutes. Lowest participation was seen from northern region with only 8 institutes participating in the survey.

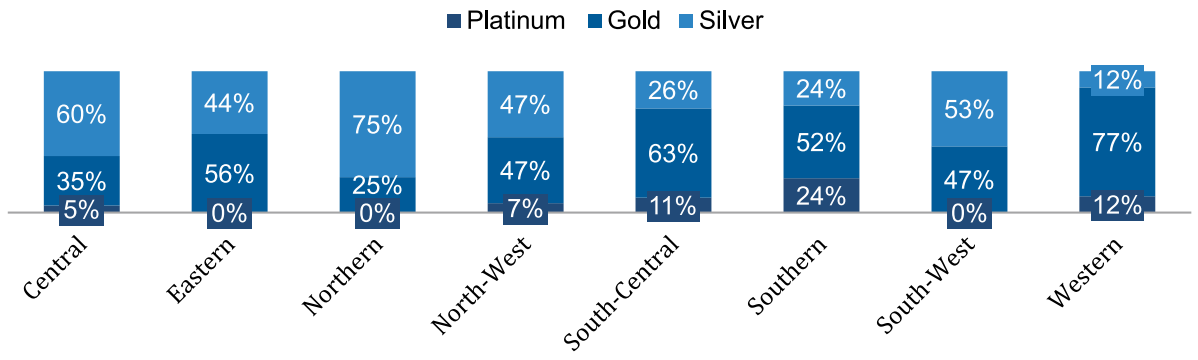


Fig 13: Categorization of participating institutes across AICTE zones

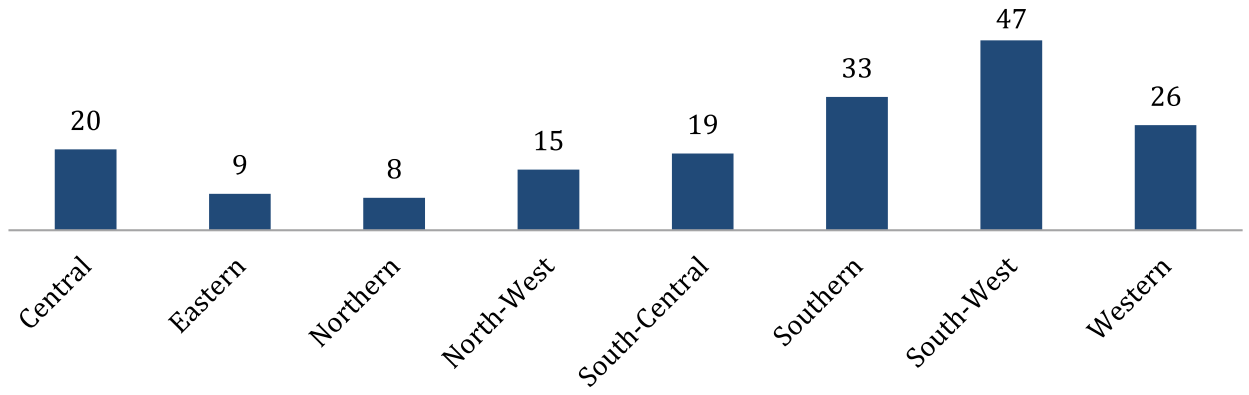


Fig 14: Number of participating institutes across AICTE zones

Despite the highest level of participation from south-west region, none of the institutes qualified for platinum category. Highest participation was seen from southern region, which had the best performance with 24 per cent of the institutes qualifying for platinum category and only 24 per cent institutes in silver category. None of the institutes in both eastern and northern region qualified for the platinum category. Western region has least number of institutes (only 12 per cent) in silver category.

Key characteristics of platinum and silver category institutes:

Platinum category institutes are strongly linked to industry through their curriculum as all the institutes have companies providing internships and / or training to their students. It also involves a significant number of lectures delivered by industry professionals. Institutes have high penetration in industry as majority of platinum category institutes have industry members on their BoG / academic councils. Platinum category institutes have strong placements records and have been able to place their students in their stream specific companies.

Majority of silver category institutes have very poor industry linkages across all parameters. Faculty-industry interface does not exist and the institutes don't provide any services to the industry through research projects or consultation.

Category	Characteristics
Platinum	**Curriculum** • All the institute have more than 15 companies providing industrial training / internships to their students • 95 per cent of the institutes organized more than 6 industry visits for their students • In 80 per cent institutes, visiting faulty from industry made up over 25 per cent of the total faculty team • 73 per cent of the institutes reported more than 10 industry guest lectures / seminars **Faculty** • In 60 per cent of these institutes, more than 20 per cent of the faculty provided training / lectures to industry during 2013-15 • 33 per cent of the institutes had more than 20 per cent of faculty members on the board of industry / advisory, academic councils / statutory university bodies during 2013-15 • In 74 per cent of the institutes, more than 30 programmes / trainings were received by faculty from industry during 2013-15 **Governance** • 87 per cent of the institutes had more than 6 industry members on BoG / advisory councils • 40 per cent of the institutes had more than 50 per cent industry members attending BoG / advisory councils **Infrastructure** • 54 per cent of the institutes reported to have at least 3 units financially supported by industry • 40 per cent of the institutes had more than 50 per cent of financial contribution by industry in the unit **Placements** • 73 per cent of institutes were able to place more than 60 per cent students through campus placement during 2013-15 • In 60 per cent of the institutes, students got jobs in their specific specialization / stream during 2013-15 **Services** • 40 per cent of the institutes had more than 11 consultancy / advisory services provided to industry during 2013-15
Silver	**Curriculum** • 83 per cent of the institute do not have any company providing industrial training / internships to their students • 75 per cent of the institutes have not organized any industry visits for their students • Only 6 per cent of these institutes have visiting faculty from industry **Faculty** • None of the institutes in this category had refresher courses being provided by the institute faculty to the industry • None of the faculty members from these institutes were on the board of any company **Governance** • 67 per cent of these institutes had no industry members on their BoG / advisory councils • 30 per cent of the institutes had 1 to 3 industry members on their BoG but only 3 per cent of these institutes had members attending the BoG / advisory councils meetings **Infrastructure** • None of these institutes had any industry supported centres or units **Placements** • In all the institutes, less than 40 per cent of the students were offered jobs through campus during 2013-15 • None of the institutes had students placed in their specialization / stream in specific companies **Services** • None of the institutes had participated in any technology transfer or infrastructure outsourcing to industry since 2013 • Only 1 institute has been involved in providing any consulting or advisory services to the industry

Chemical Engineering (and allied)

Current year's survey saw participation of 104 established institutes across all eight AICTE zones in Chemical Engineering & allied stream.

As per the national level categorization of institutes based on their objective scored achieved, institutes offering Chemical Engineering & allied are also grouped into three separate categories i.e. platinum, gold and silver.

Category	Index Score	No. of Iinstitutes	Per cent Share
Platinum	>35	12	12 percent
Gold	10 to 35	71	68 percent
Silvers	<10	21	20 percent

Similar to national level analysis, highest level of participation was seen from southern region with 21 institutes. Lowest participation was seen from eastern region with only 5 institutes participating in the survey.

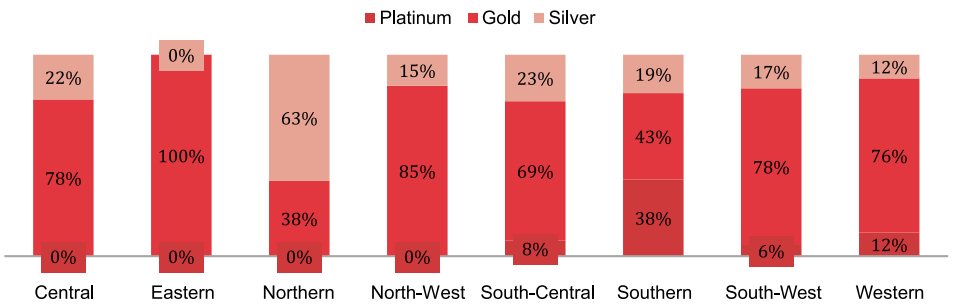


Fig 15: Number of participating institutes across AICTE zones

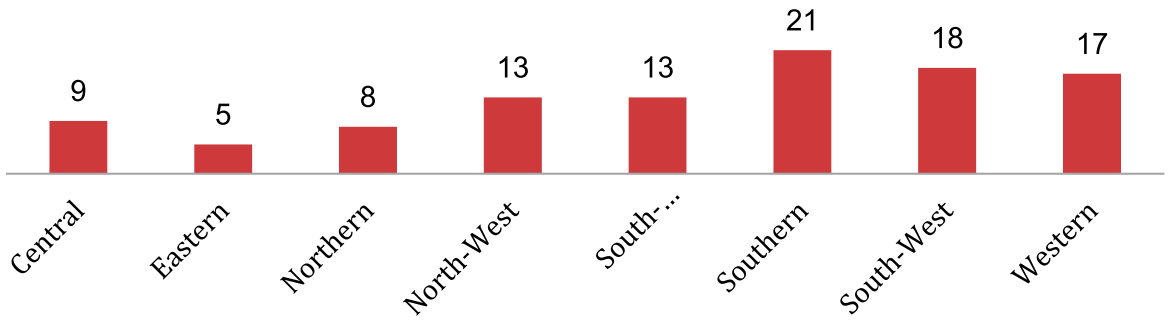


Fig 16: Number of participating institutes across AICTE zones

With the highest level of participation, southern region had the best performance with 38 per cent of the institutes qualifying for platinum category and only 19 per cent institutes in silver category. None of the institutes in central, eastern, northern and north-west region qualified for the platinum category.

Key characteristics of platinum and silver category institutes:

Platinum category chemical engineering offering institutes are doing remarkably well in their industry linkages through industry focused curriculum, getting students placed in their stream related companies and have industry professionals as a member in their BoG / academic council. Faculty-industry interaction is also satisfactory with faculty delivering lectures to industry and visiting faculty from industry educating the students about industry requirements and expectations.

Silver category institutes are performing poorly with very weak or negligible institute-industry linkage. Most of the institutes have no interaction between faculty and industry as well as lack of services provided to industry results in no industry linkage at all.

Category	Characteristics
Platinum	**Curriculum** • 95 per cent of the institutes have more than 15 companies providing industrial training / internships • All of the institutes have organized more than 6 industry visits for their students • 83 per cent institutes have more than 25 per cent of visiting faculty from industry to strengthen the bond between students and industry • 33 per cent of the institutes have conducted more than 5 guest lecturers / seminars **Faculty** • 58 per cent institutes have more than 25 per cent of their faculty providing training / lectures during 2013-15 • 67 per cent of the institutes had more than 15 per cent of faculty members on the board of industry / advisory, academic councils / statutory university bodies during 2013-15 • 62 per cent of the institutes had more than 20 programmes / trainings received by faculty from industry during 2013-15 **Governance** • 83 per cent of the institutes have more than 6 industry members on BoG / advisory councils • 45 per cent of the institutes have more than 50 per cent industry members attending BoG / advisory councils **Infrastructure** • 58 per cent of the institutes had more than 50 per cent of financial contribution by industry in the unit • In 41 per cent of these institutes more than 50 per cent financial contribution was by industry **Placements** • In all the institutes more than 80 per cent of the students got jobs from campus during 2013-15 • 82 per cent of the institutes were able to place more than 80 per cent students in their stream specific companies in 2013-15 **Services** • However, platinum category institutes offering chemical engineering are yet to establish a stronger linkage with industry through research projects and consultation. Only 25 per cent of the institutes have more than 11 consultancy / advisory services provided to industry during 2013-15
Silver	**Curriculum** • 92 per cent of the institutes have no company providing industrial training / internships to their students • None of the institutes had organized any industry visits for their students • None of the institutes had a visiting faculty from industry **Faculty** • All the institutes scored zero in each of the eight sub-parameters, indicating that the faculty members had no direct interaction with industry in relation to providing or receiving training to and from industry or filing patents **Governance** • 74 per cent of these institutes had no industry members on their BoG / advisory councils • 26 per cent of the institutes had 1 to 3 industry members on their BoG but only in 5 per cent of these 26 per cent institutes, members were attending BoG / advisory councils **Infrastructure** • All the institutes reported to have at least one unit or centre financially supported by industry where industry had 25 per cent financial contribution to the unit. **Placements** • From 2013 to 2015, less than 40 per cent of students were offered job from campus in more than 88 per cent of the institutes • 16 per cent of the institutes were able to place successful more than 25 per cent students in the companies directly aligning to the core disciplines taught **Services** • All the institutes scored zero in each of the four sub-parameters, implying that the institutes have no direct research projects or consultation with the industry.

Electronics & Communication Engineering (and allied)

Current year's survey saw participation of 368 established institutes across all eight AICTE zones in Electronics & Communication Engineering & allied stream. As per the national level categorization of institutes based on their objective scored achieved, institutes offering Electronics & Communication Engineering & allied are also grouped into three separate categories i.e. platinum, gold and silver.

Category	Index Score	No. of institutes	% Share
Platinum	>35	20	5%
Gold	10 to 35	236	64%
Silvers	<10	112	30%

Similar to national level analysis, highest level of participation was seen from south-west region with 83 institutes. Lowest participation was seen from northern region with only 16 institutes participating in the survey.

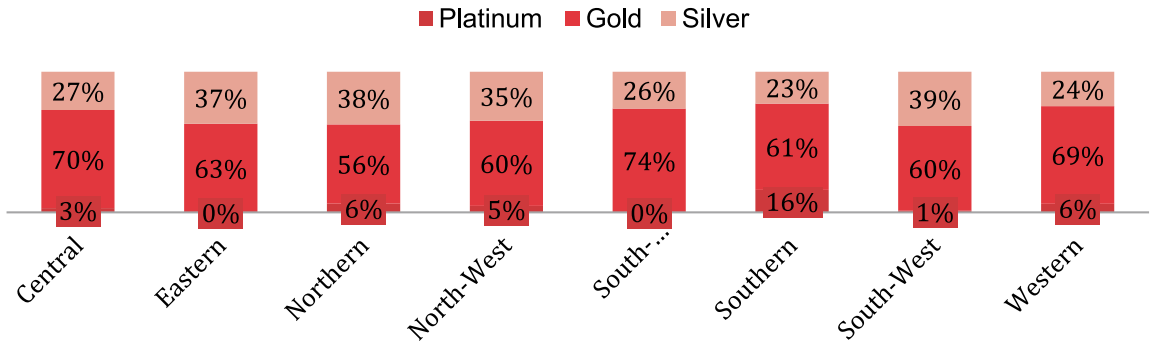


Fig 20: Categorization of Participating Institutes Across AISTE Zone

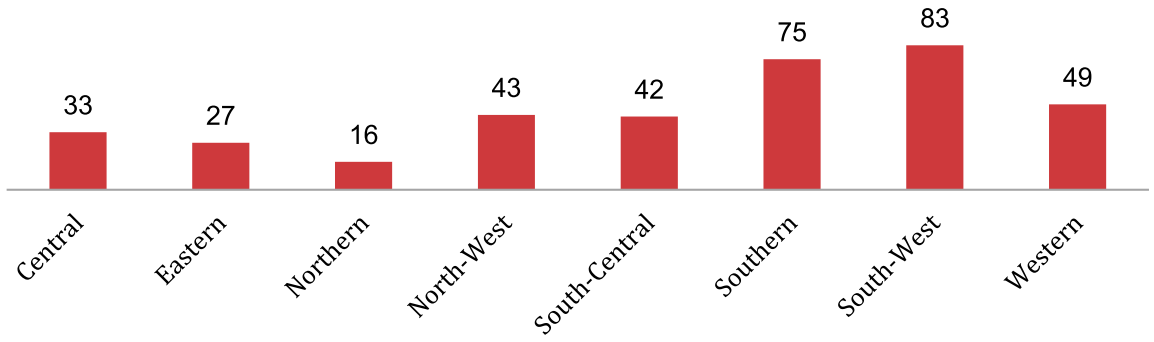


Fig 21: Number of Participating Institutes Across AICTE Zone

Despite the highest level of participation from south-west region, southern region had the best performance with 16 per cent of the institutes qualifying for platinum category and 23 per cent institutes in silver category. None of the institutes in both eastern and south-central region qualified for the platinum category. As compared to other engineering streams, Electronics & Communication Engineering & allied institutes have weak industry-institute linkages. Only 5 per cent of 368 institutes were able to qualify for platinum category.

Key characteristics of platinum and silver category institutes:

Platinum category institutes actively involve industry in their curricula, through the provision of training or internships, industry visits, or industry membership of faculty. Platinum category institutes are also far more likely to involve industry in their governance, through membership of their board of governors or advisory council.

Though both high and low-band institutes struggle to score well in terms of research activity that involves industry, silver category institutes are not providing any advisory or consultancy services to industry. Also, silver category institutes have no established interaction between faculty and students.

Category	Characteristics
Platinum	**Curriculum** • 89 per cent of the institute had more than 15 companies providing industrial training / internships • 79 per cent of the institutes had organized more than 6 industry visits for their students • 21 per cent institutes had more than 30 per cent of visiting faculty from industry to strengthen the bond between students and industry • 25 per cent of the institutes had conducted more than 15 guest lecturers / seminars **Faculty** • 53 per cent institutes had more than 25 per cent of their faculty providing training / lectures during 2013-15 • 32 per cent of the institutes had more than 20 per cent of faculty members on the board of industry / advisory, academic councils / statutory university bodies during 2013-15 • 63 per cent of the institutes had more than 20 programmes / trainings received by faculty from industry during 2013-15 • 21 per cent institutes had more than 3 faculty member who had been granted patents, designs and other IPRs except copyrights of books in 2013-15 **Governance** • 84 per cent of the institutes had more than 6 industry members on BoG / advisory councils • 47 per cent of the institutes had more than 50 per cent industry members attending BoG / advisory councils **Infrastructure** • 53 per cent of the institutes had more than 50 per cent of financial contribution by industry in the unit **Placements** • In 84 per cent of the institutes, more than 80 per cent of the students got jobs from campus during 2013-15 • 74 per cent of the institutes were able to place more than 30 per cent students in their stream specific companies in 2013-15 **Services** • Only 11 per cent of the institutes had more than 11 consultancy / advisory services provided to industry during 2013-15 while the remaining institutes do not provide any consultancy / advisory services to industry • 37 per cent of the institutes had more than 3 technology transfers to industry during 2013-15
Silver	**Curriculum** • 74 per cent of the institutes had no company providing industrial training / internships to their students • 76 per cent of the institutes had not organized any industry visits for their students • 96 per cent of the institutes do not have a visiting faculty from industry **Faculty** • All the institutes scored zero in each of the eight sub-parameters, indicating that the faculty members had no direct interaction with industry in relation to providing or receiving training to and from industry or filing patents **Governance** • 67 per cent of the institutes had no industry members on their BoG / advisory councils • 30 per cent of the institutes had 1 to 3 industry members on their BoG but none of the members were attending the meetings **Infrastructure** • None of the institutes had any industry supported centres or units supported by industry • In all the institutes up to 5 companies provided mentorship support in incubation centres / entrepreneurship cell **Placements** • From 2013 to 2015, less than 40 per cent of students were offered job from campus in more than 86 per cent of the institutes • 74 per cent of the institutes were able to place successful more than 15 per cent students in the companies directly aligning to the core disciplines taught **Services** • None of the institutes had participated in any technology transfer or infrastructure outsourcing to industry since 2013 • None of the institutes had been involved in providing any consulting or advisory services to the industry • All institutes have scored zero in all the 4 parameters, implying that the institutes do not have any direct research projects or consultation with the industry.

Mechanical Engineering (and allied)

Current year's survey saw participation of 317 established institutes across all eight AICTE zones in Mechanical Engineering & allied stream. As per the national level categorization of institutes based on their objective scored achieved, institutes offering Mechanical Engineering & allied are also grouped into three separate categories i.e. platinum, gold and silver.

Category	Index Score	No. of institutes	% Share
Platinum	>35	37	12%
Gold	10 to 35	212	67%
Silvers	<10	68	21%

Similar to national level analysis, highest level of participation was seen from south-west region with 71 institutes. Lowest participation was seen from northern region with only 14 institutes participating in the survey.

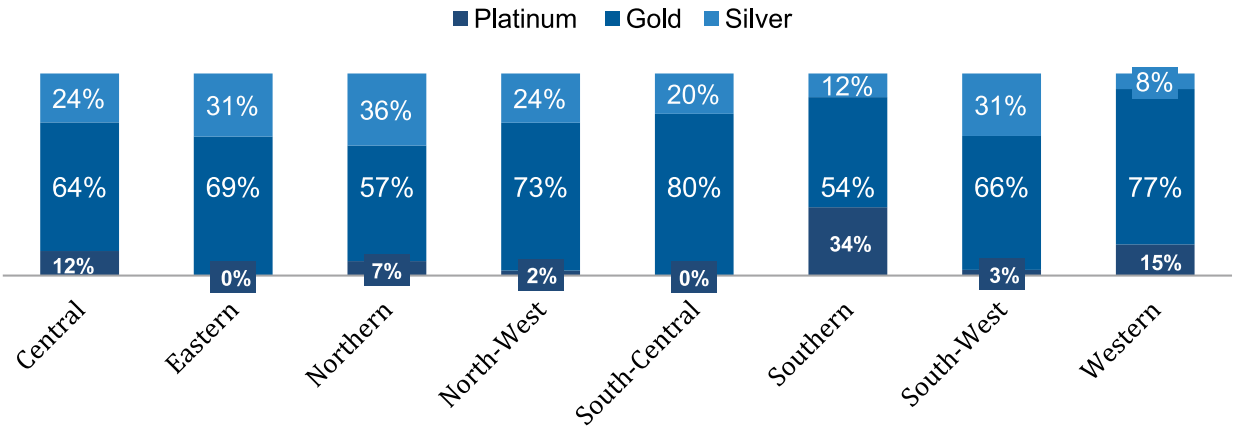


Fig 22: Categorization of Participating Institutes Across AICTE Zone

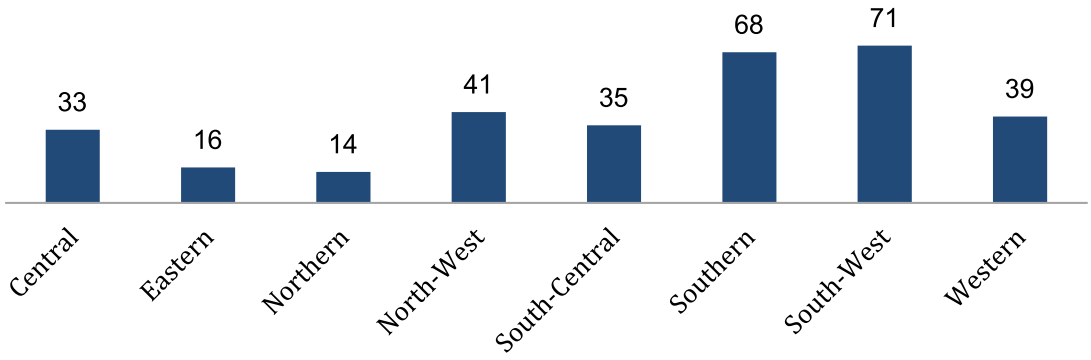


Fig 23: Number of participating institutes across AICTE zones

Despite the highest level of participation from south-west region, southern region had the best performance with 34 per cent of the institutes qualifying for platinum category and only 12 per cent institutes in silver category. None of the institutes in both eastern and south-central region qualified for the platinum category.

Key characteristics of platinum and silver category institutes:

Platinum institutes are involved with industry through curriculum, particularly through the occurrence of industry visits by students. A significant number of faculty received training from industry in platinum category institutes while no such faculty-industry interaction was seen in silver category institutes.

Platinum category institutes are far more likely to receive funding from industry towards the costs of their centres and units, but none of the silver category institutes are receiving such support. Platinum institutes are also far more likely to involve industry in their board of governors or advisory councils, and to report placement success of their students.

Category	Characteristics
Platinum	**Curriculum** • 88 per cent of the institutes had more than 15 companies providing industrial training / internships • 73 per cent of the institutes had organized more than 6 industry visits for their students • 58 per cent institutes had more than 25 per cent of visiting faculty from industry to strengthen the bond between students and industry • 73 per cent of the institutes conducted more than 10 guest lecturers / seminars **Faculty** • 27 per cent institutes had more than 25 per cent of their faculty providing training / lectures during 2013-15 • 50 per cent of the institutes had more than 20 per cent of faculty members on the board of industry / advisory, academic councils / statutory university bodies during 2013-15 • 77 per cent of the institutes had more than 20 programmes / trainings received by faculty from industry during 2013-15 • Two institutes had two faculty who had been granted patents, designs and other IPR except copyrights of books in 2013-15 **Governance** • 85 per cent of the institutes had more than 6 industry members on BoG / advisory councils • 42 per cent of the institutes had more than 50 per cent industry members attending BoG / advisory council meetings **Infrastructure** • 23 per cent of the institutes had more than 50 per cent of financial contribution by industry in the unit **Placements** • In 65 per cent of the institutes more than 80 per cent of the students got jobs from campus during 2013-15 • 73 per cent of the institutes were able to place more than 70 per cent students in their stream specific companies in 2013-15 **Services** • Despite being in platinum category, only 23 per cent of the institutes had less than 10 consultancy / advisory services provided to industry during 2013-15 while remaining institutes do not provide any such service to industry
Silver	**Curriculum** • 76 per cent of the institutes had no company providing industrial training / internships to their students • 69 per cent of the institutes had not organized any industry visits for their students • 95 per cent of the institutes did not have a visiting faculty from industry **Faculty** • In none of the institutes in this category was any refresher course provided by faculty to industry • None of the faculty members were on the board of any company • Only one institute reported faculty who had attended 20 man-days of programme from industry during 2013-15 **Governance** • 71 per cent of the institutes had no industry members on their BoG / advisory councils • Also, in the remaining institutes none of the members attended BoG / advisory councils meetings **Infrastructure** • None of these institutes had industry supported centres or units **Placements** • From 2013 to 2015, less than 40 per cent of students were offered job from campus in 98 per cent of the institutes • 19 per cent of the institutes were able to place successfully only more than 10 per cent students in the companies directly aligning to the core disciplines taught **Services** • None of the institutes participated in any technology transfer or infrastructure outsourcing to industry since 2013 • Only one institute was involved in providing any consulting or advisory services to industry

Established Management Institutes

A total of 128 well established management institutes participated in this year's survey. Highest participation was seen from southern and south-west region while eastern region had the least participation with only 7 institutes.

From a regional perspective, despite southern and south-west regions having the highest participation, North-West region has attained the highest average score of 27.99 in all established management institutes across all streams. Along with north-west region, southern, northern, western, south-west and central region have scored higher than the national average score of 20. It is clearly visible that northern and north-west regions have performed exceptionally well in comparison to their performance in engineering institutes. Eastern region follows a similar trend as the performance in engineering institutes and continues to lie below national average score in established management institutes. Management institutes from south-central have also recorded lower average score compared to national average.

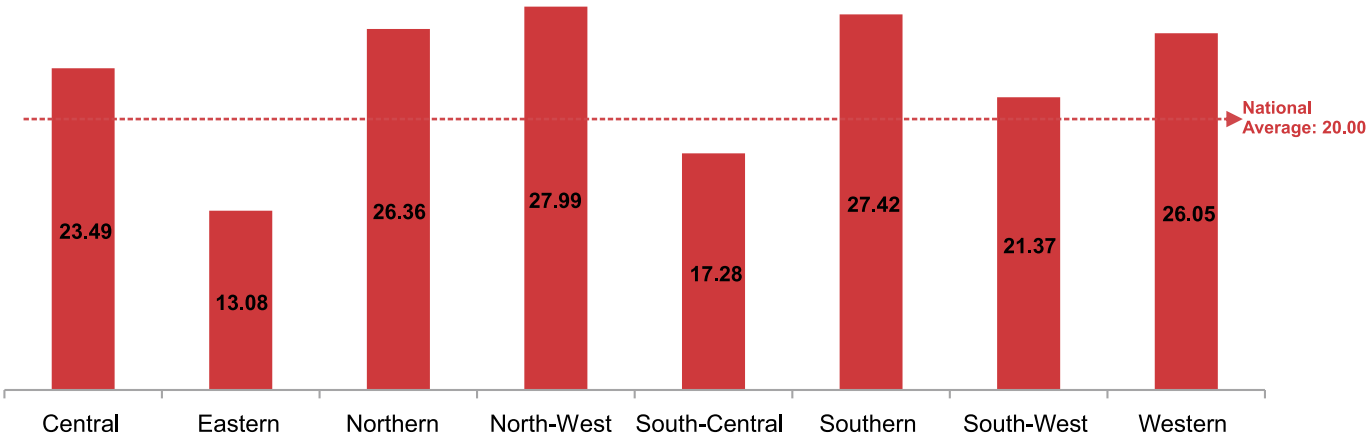


Fig 24: Categorization of Participating Institutes Across AICTE Zone

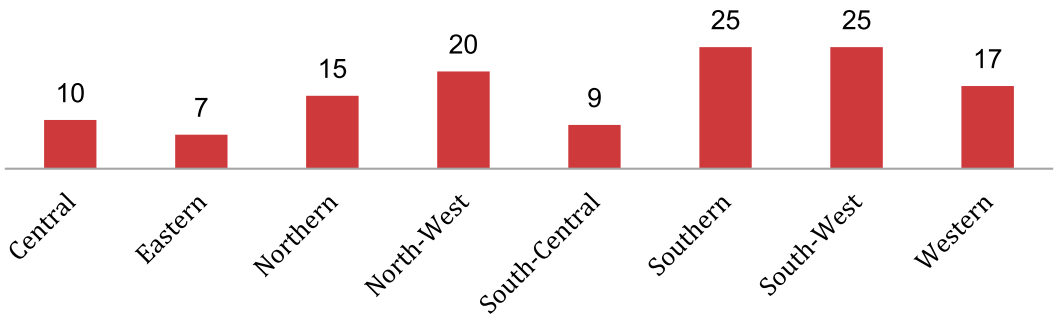


Fig 25: Number of participating institutes across AICTE zones

Established management institutes' overall performance by dimension is shown in the figure below. The figure below shows the percentage of institutes falling under various groups based on the rating or scores achieved by them in each specific dimension. Different cut-off points have been taken due to different maximum scores assigned to each parameter.

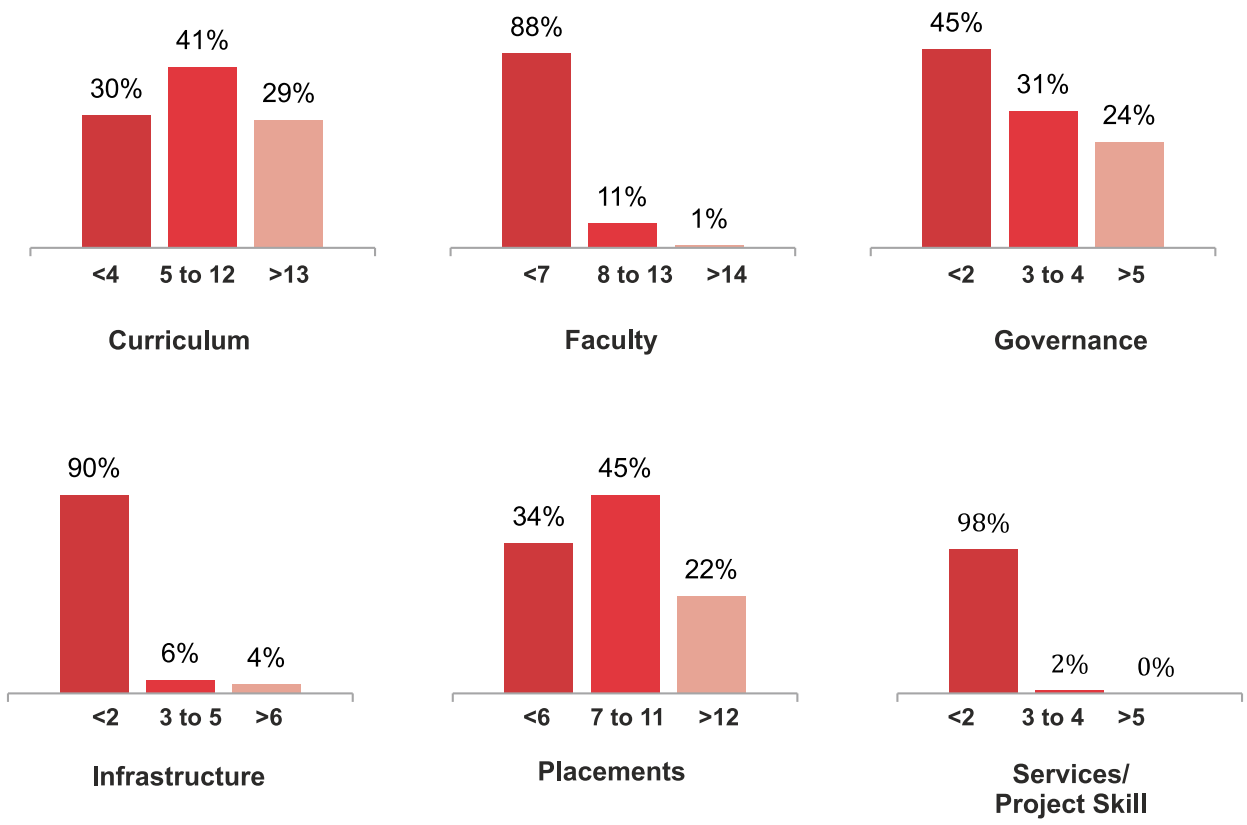


Figure 26: Parameter wise performance evaluation of established engineering institutes

The overall analysis based on dimension shows that most of the well-established management institutes are doing relatively well in curriculum, governance matters and placements. 24 per cent institutes have more than 4 industry members on their board of governors, though not all members attend the meetings. Established management institutes have moderately well placement statistics with 22 per cent of the institutes having more than 80 per cent companies with stream specific job profile coming to campus and ~75 per cent students being offered jobs from campus. Along with faculty-industry interaction, industry support to institute infrastructure and research linkage still remains a challenge.

Detailed analysis of platinum and silver category management institutes

As per the national level categorization of institutes based on their objective scored achieved, management institutes are also grouped into three separate categories i.e. platinum, gold and silver.

Category	Index Score	No. of institutes	% Share
Platinum	>35	34	27%
Gold	10 to 35	69	54%
Silvers	<10	25	20%

Similar to national level analysis, highest level of participation was seen from south-west region with 71 institutes. Lowest participation was seen from northern region with only 14 institutes participating in the survey.

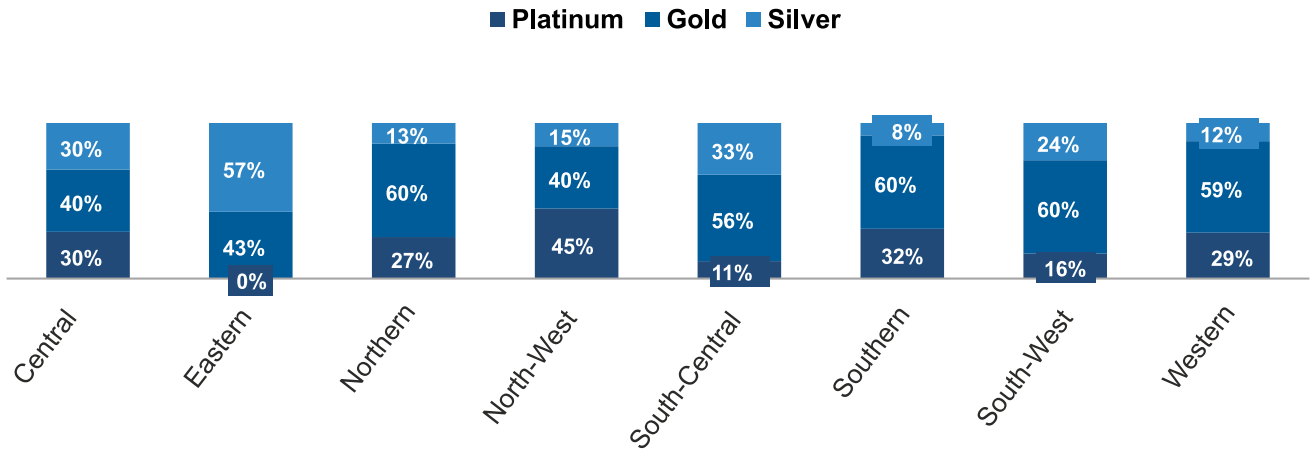


Fig 27: Categorization of participating institutes across AICTE zones

Despite the highest level of participation from south-west region, north-west region had the best performance with 45 per cent of the institutes qualifying for platinum category and only 15 per cent institutes in silver category. None of the institutes in eastern region qualified for the platinum category.

Key characteristics of platinum and silver category institutes

Platinum institutes are involved with industry through curriculum, particularly through industry visits for students. A significant number of faculty have received training from industry in platinum category institutes while no such faculty-industry interaction was seen in silver category institutes.

Platinum category institutes are far more likely to receive funding from industry towards the costs of their centres and units, but none of the silver category institute received such support from industry. Platinum institutes are also far more likely to involve industry in their board of governors or advisory councils, and to report placement successes for their students.

Category	Characteristics
Platinum	**Curriculum** · 82 per cent of the institutes had more than 15 companies providing industrial training / internships · 56 per cent of the institutes had organized more than 6 industry visits for their students · 85 per cent institutes had more than 25 per cent of visiting faculty from industry to strengthen the bond between students and industry · 82 per cent of the institutes conducted more than 10 guest lecturers / seminars **Faculty** · 61 per cent institutes had more than 25 per cent of their faculty providing training / lectures during 2013-15 · 29 per cent of the institutes had more than 20 per cent of faculty members on the board of industry / advisory, academic councils / statutory university bodies during 2013-15 · 44 per cent of the institutes had more than 20 programmes / trainings received by faculty from industry during 2013-15 · Two institutes had two faculty who had been granted patents, designs and other IPR except copyrights of books in 2013-15 **Governance** · 82 per cent of the institutes had more than 6 industry members on BoG / advisory councils · 41 per cent of the institutes had more than 25 per cent industry members attending BoG / advisory councils

Category	Characteristics
Platinum	**Infrastructure** · 21 per cent of the institutes had more than 50 per cent of financial contribution by industry in the unit **Placements** · In 91 per cent of the institutes more than 80 per cent of the students got jobs from campus during 2013-15 · 50 per cent of the institutes were able to place more than 80 per cent students in their stream specific companies **Services** · Despite being platinum category, only 17 per cent of the institutes provided consultancy / advisory services to industry during 2013-15 while remaining institutes currently do not provide consultancy / advisory services to industry · Only one institute has transferred technology to industry during 2013-15
Silver	**Curriculum** · None of the institutes in silver category have any company providing industrial training / internships to their students · 88 per cent of the institutes did not organize any industry visits for their students · Except for one institute, none have a visiting faculty from industry **Faculty** · Apart from one institute all the other institutes scored zero in all eight parameters of faculty-industry interface, implying very weak industry-institute linkages. **Governance** · 64 per cent of the institutes have no industry members on their BoG / advisory councils · Also, in the remaining institutes none of the members attend BoG / advisory councils meetings **Infrastructure** · Only one institute has financial support from industry while none of the remaining institutes have industry supported centres or units **Placements** · From 2013 to 2015, less than 40 per cent of students were offered jobs from campus in 92 per cent of the institutes · 16 per cent of the institutes were able to place successfully not more than 10 per cent students in the companies directly aligning to the core disciplines taught **Services** · None of the institutes participated in any technology transfer or infrastructure outsourcing to industry since 2013 · Only one institute has been involved in technology transfer to the industry

Pharmacy Institutes

A total of 53 established and 35 emerging pharmacy institutes participated in this year's survey and a total of 95 survey responses were captured. Analysis of both established and emerging pharmacy institutes has been done together due to a lower number of emerging institutes and lack of adequate data. Highest participation was seen from central and western region while southern region had the least participation -- of only 2 institutes.

From a regional perspective, southern region has the highest average score with participation from only 2 institutes. In emerging institute category, south-west region had the highest average score. Along with southern and south-west region, central and western region scored higher than the national average score of 17. Central and western region had the highest number of institutes participating in the survey. Eastern region followed a trend similar to engineering and management and continued to be below national average score.

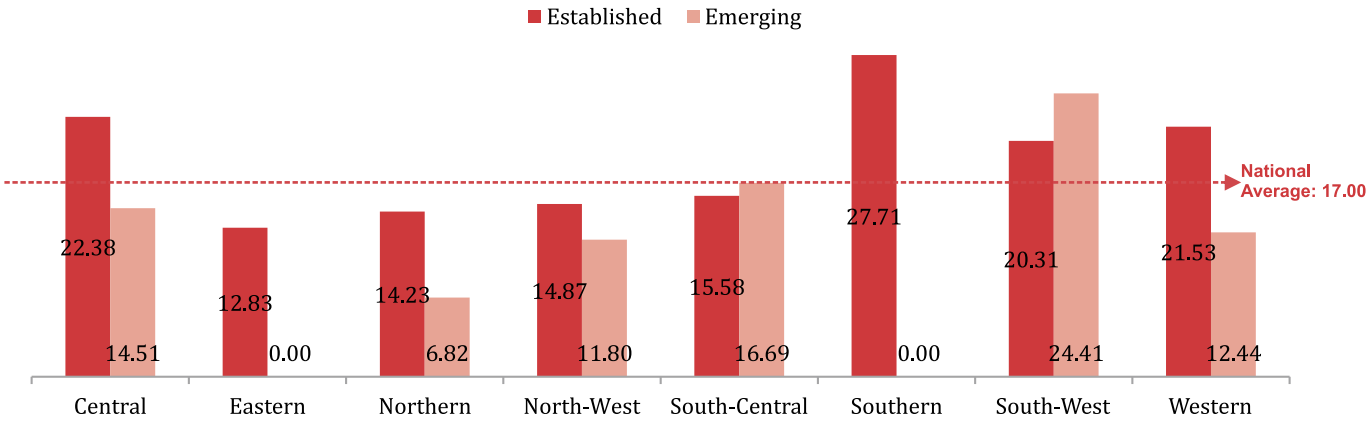


Fig 28: Pharmacy Institutes Average Objective Score Across AICTE Zones

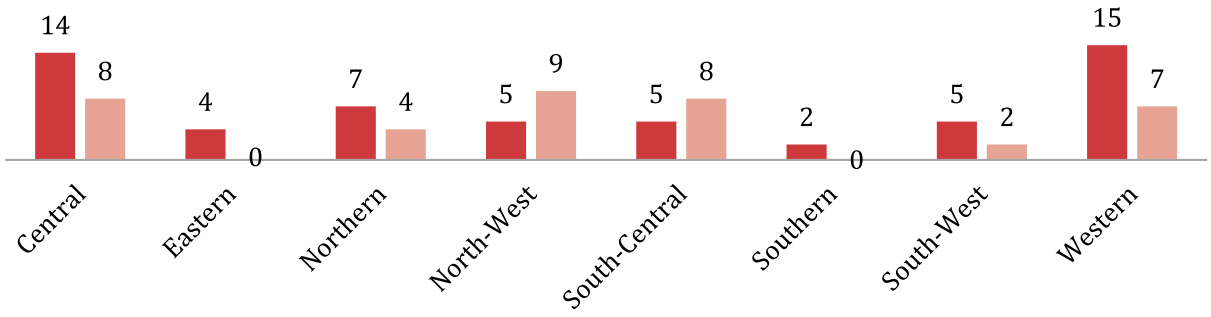


Fig 29: Number of Participating Institutes Across AICTE Zones

Pharmacy institutes' overall performance by dimension is shown in the figure below. The figure below shows the percentage of institutes falling under various groups based on the rating or scores achieved by them in each dimension. Different cut-off points have been taken due to different maximum scores assigned to each parameter.

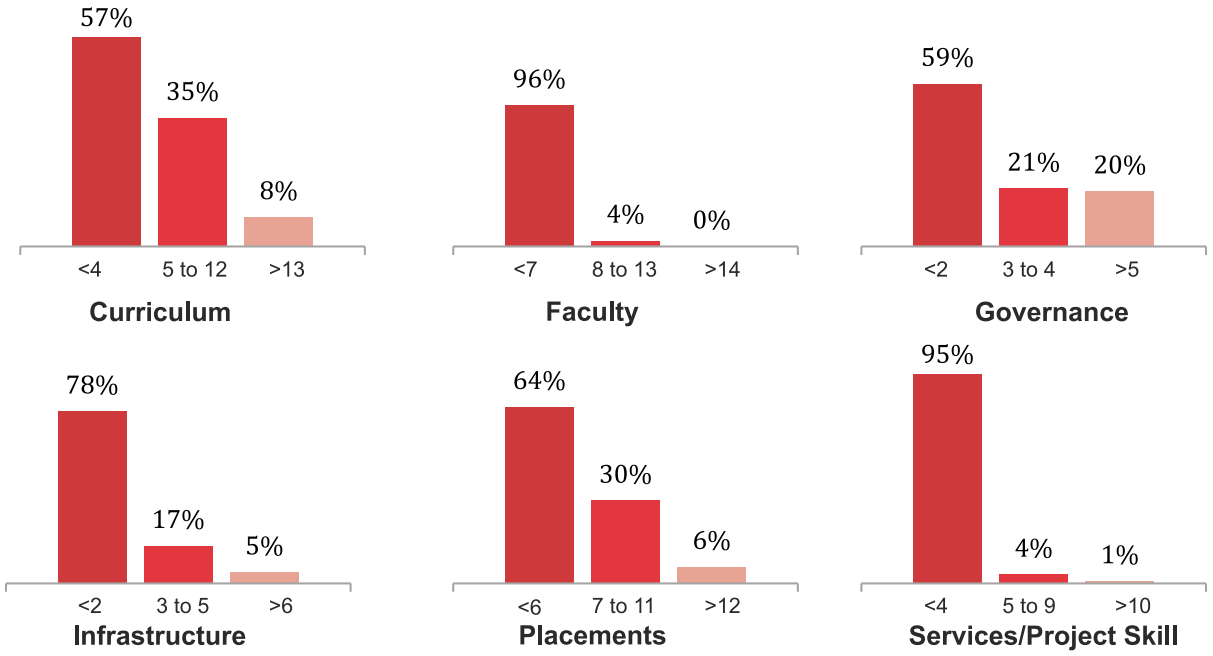


Figure 30: Parameter wise performance evaluation of established engineering institutes

The overall analysis based on dimensions shows that a significant number of pharmacy institutes are doing moderately well in their industry linkages with industry members on their BoG / advisory councils, though not all members attend the BoG meetings. All the other areas are yet to be improved upon as majority of the institutes do not have internship opportunities as well as lectures from industry professionals. Industry support to institute infrastructure and research linkages still remains a challenge similar to all institutes.

Detailed analysis of platinum and silver category pharmacy institutes

As per the national level categorization of institutes based on their objective scores, pharmacy institutes are also grouped into three separate categories i.e. platinum, gold and silver.

Category	Index Score	No. of institutes	% Share
Platinum	>35	10	11%
Gold	10 to 35	47	49%
Silvers	<10	38	40%

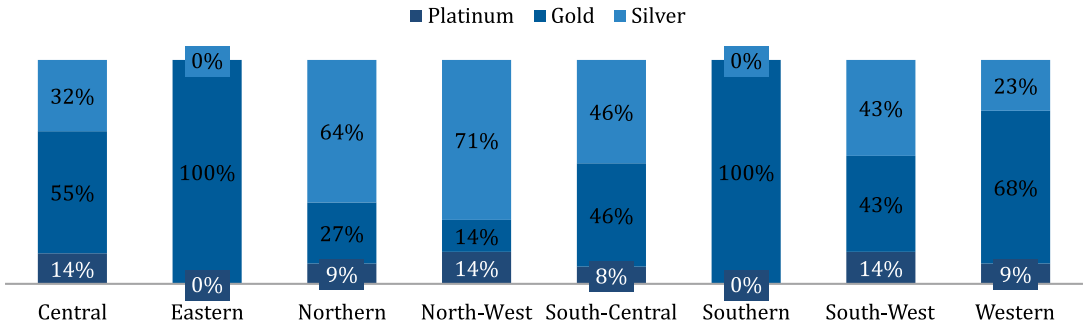


Figure 31: Categorization of participating institutes across AICTE zones

Central region has 14 per cent institutes qualifying in the platinum category with highest level of participation. Along with central region, north-west and south-west region also had the best performance with 14 per cent of the institutes qualifying for platinum category. None of the institutes in eastern and southern region qualified for the platinum category.

Key characteristics of platinum and silver category institutes:

Platinum institutes have established strong industry linkages by changing their curriculum as per industry requirements. Most of the institutes have lectures delivered by industry professionals and companies providing internship / training opportunities to their students. Along with curriculum, governance and infrastructure are supported by industry. Yet faculty-industry interface is relatively poor as only a handful of institutes have faculty members on boards of industry. Placement on the other hand lacks industry linkage as few institutes were able to place their students in companies directly related to their stream / specialization.

Category	Characteristics
Platinum	**Curriculum** • 70 per cent of the institutes have more than 15 companies providing industrial training / internships • 90 per cent of the institutes have organized more than 6 industry visits for their students • 50 per cent institutes have more than 20 per cent of visiting faculty from industry to strengthen the bond between students and industry • 80 per cent of the institutes have conducted more than 10 guest lecturers / seminars **Faculty** • 50 per cent institutes had more than 25 per cent of their faculty providing training / lectures during 2013-15 • 20 per cent of the institutes had more than 20 per cent of faculty members on boards of industry / advisory councils, academic councils / statutory university bodies during 2013-15 • 60 per cent of the institutes have more than 20 programmes / trainings received by faculty from industry during 2013-15 • One institute has two faculty who have been granted patents, designs and other IPR except copyrights of books in 2013-15 **Governance** • 70 per cent of the institutes have more than 6 industry members on BoG / advisory councils • 40 per cent of the institutes have more than 50 per cent industry members attending BoG / advisory councils **Infrastructure** • 60 per cent of the institutes have more than 3 centers / units financially supported by industry • 80 per cent of the institutes have more than 25 per cent of financial contribution by industry in the unit **Placements** • In 60 per cent of the institutes more than 70 per cent of the students got jobs from campus during 2013-15 • 20 per cent of the institutes were able to place more than 50 per cent students in their stream specific companies in 2013-15 **Services** • 50 per cent of the institutes have more than one consultancy / advisory service provided to industry during 2013-15 while remaining institutes do not provide consultancy / advisory services to industry • Only two institutes have transferred technology to industry during 2013-15

Silver	**Curriculum** • 66 per cent of the institutes under silver category do not have any company providing industrial training / internships to their students • 81 per cent of the institutes have not organized any industry visits for their students • None of the institutes have a visiting faculty from industry **Faculty** • All the institutes scored zero in all eight parameters of faculty-industry interface, implying very weak industry-institute linkages. **Governance** • 72 per cent of the institutes have no industry members on their BoG / advisory councils • Also, in the remaining institutes, only in two institutes less than 25 per cent of the members are attending BoG / advisory council meetings **Infrastructure** • 94 per cent of the institutes reported not to have any industry supported centres or units • Remaining institutes reported to have 25 per cent to 50 per cent financial contribution from industry in the unit / centre **Placements** • From 2013 to 2015, less than 40 per cent of students were offered jobs from campus in 91 per cent of the institutes • None of the institutes were able to place their students in the companies directly aligning to the core discipline taught **Services** • All the institutes scored in each of the four sub-parameters, indicating non-existence of industry involved in research projects and consultation

Architecture / Planning Institutes

Response rate was relatively low in institutes offering architecture / planning discipline as only 16 established institutes and only 4 emerging institutes participated in the survey. Institutes struggled to score well across all parameters. Since response rate was quite low, a detailed analysis could not be performed due to lack of adequate data. However, major findings have been presented below:

- Only one institute was able to qualify for the platinum category with an objective score of 38.19. In rest of the institutes, 4 qualified for the gold category and remaining qualified for the silver category.
- Placements, infrastructure and governance were relatively better scored parameters than the rest. 90 per cent of the institutes have relatively little financial support from industry for infrastructure with institutes having less than 25 per cent of financial contribution by industry in the incubation unit / centre.
- 65 per cent institutes have at least one member of industry on their BoG / advisory council with 25 per cent of the members attending the meetings.
- Majority (~90 per cent) of the institutes were able to place less than 40 per cent of the students through campus placement. However, apart from one institute, none of the other institutes were able to place their students in stream / specialization specific companies during 2013-15.
- 90 per cent of the institutes scored zero in curriculum, faculty and services parameters indicating lack of industry involvement through faculty-industry interface, no training or internships provided by industry to students and limited research-based activity involving industry.

Emerging Engineering Institutes (Degree + Diploma)

A total of 284 entries were received from emerging engineering degree institutes and 102 from emerging engineering diploma institutes in this year's survey. The winner was selected from all the streams in this category put together and no stream-wise winners were selected. However, for the purpose of analysis, a separate stream-wise evaluation has been done.

From a regional perspective, Southern region attained the highest average score in all emerging engineering institutes across all streams. Along with Southern region, south-central, central and western region scored higher than the national average score of 13.50. South-west region was the least scoring region with an average score of 10.05.

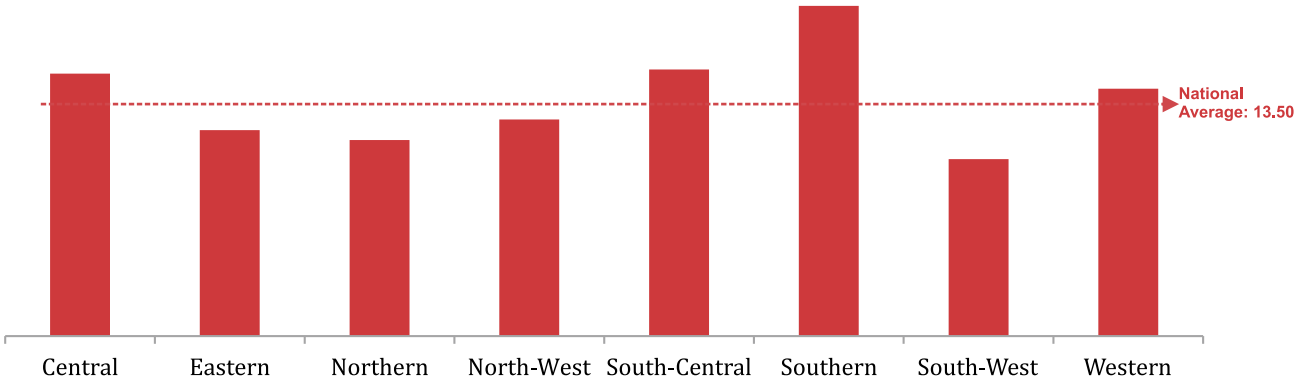


Fig 32: Emerging engineering institutes average objective score across AICTE zones

Emerging engineering institutes' overall performance by dimension is shown in the Figure 33. The figure below shows the percentage of institutes falling under various groups based on the rating or scores achieved by them in each specific dimension. Different cut-off points have been taken due to different maximum scores assigned to each parameter.

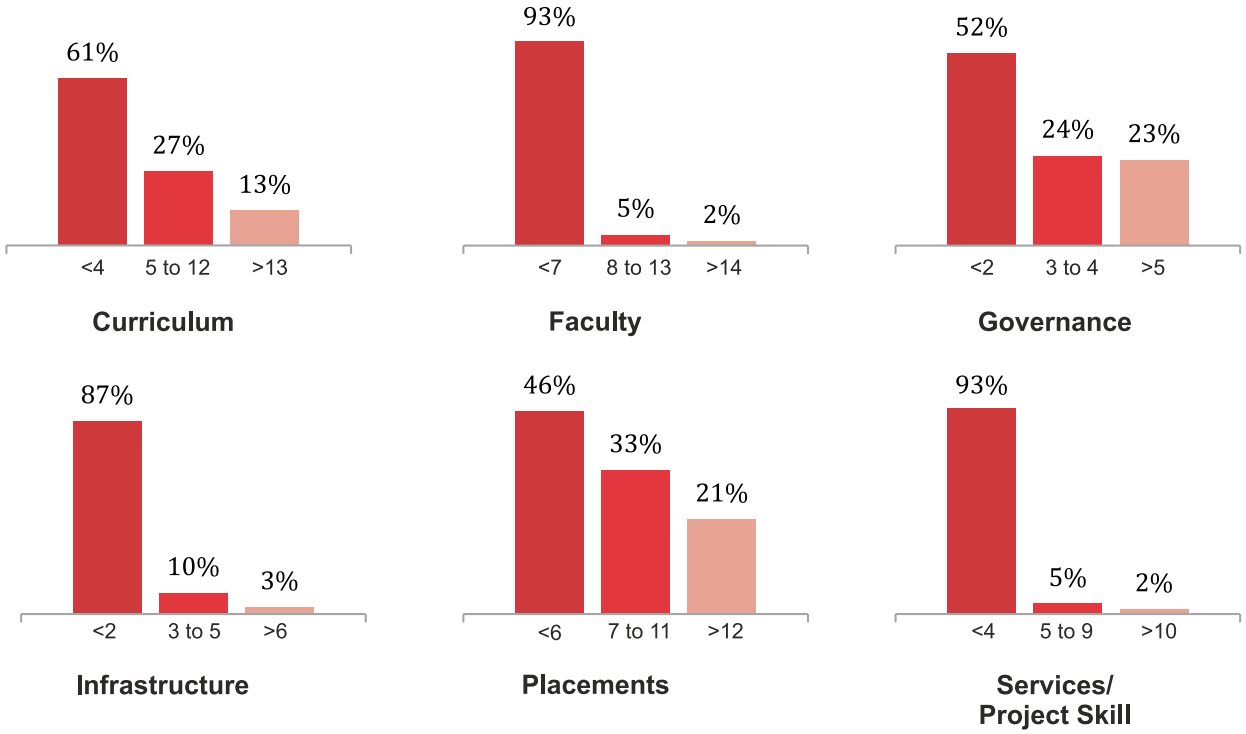


Fig 33: Parameter wise performance evaluation of emerging engineering institutes

As per the overall analysis based on parameters, almost half of the emerging engineering institutes are doing relatively well in curriculum, governance and placements parameters. 47 per cent of the institutes have more than 3 industry members on their BoG / advisory councils with more than 25 per cent of the members attending the board meetings. Emerging engineering institutes have relatively poor placements statistics compared to established institutes, with 25 per cent of the institutes having more than 80 per cent companies with stream specific job profile coming to campus and ~20 per cent students being offered jobs from campus.

There are only 17 per cent emerging engineering institutes which have attained a score of more than 10 out of a maximum score of 17 in curriculum. 51 per cent institutes have none of the companies offering internship opportunities to their students, which is a high margin in comparison to established institutes where 36 per cent of the institutes do not have any training / internships offered by industry.

Only 9 per cent of the institutes schedule less than 2

industry visits for their students annually while only 14 per cent institutes have at least one visiting faculty from industry. This indicates the requirement to encourage industry linkages through faculty-industry interface as well as involving industry in students learning through trainings to help them gain valuable practical exposure.

Institutes are also struggling to score in other parameters such as industry-faculty interface, services (in terms of industry research / consultation / projects & skills) and infrastructure. 86 per cent of the institutes have none of the faculty members providing training / lectures to industry as well as none of their faculty members are on the boards of industry / advisory, academic councils or statutory university bodies. Only 9 per cent institutes have at least one centre / cell/ unit supported financially by industry with industry having an average of 50 per cent contribution in the unit. 66 per cent of the institutes scored zero across all sub-parameters in services parameters indicating poor linkage with industry in terms of services provided to the industry.

To sum up, emerging engineering institutes still have a long way to go in order to establish significant industry linkages.

Computer & IT Engineering (and allied) in Emerging Category

The survey saw participation in engineering discipline from across 9 streams, of which Computer, IT & allied had the highest number of entries from 203 emerging institutes across all eight AICTE zones. As per the national level categorization of institutes based on their objective scored achieved, institutes offering Computer, IT & allied are also grouped into three separate categories i.e. platinum, gold and silver.

Category	Index Score	No. of institutes	% Share
Platinum	>35	12	6%
Gold	10 to 35	105	52%
Silvers	<10	86	42%

Similar to national level analysis, highest level of participation was seen from south-west region with 49 institutes. Lowest participation was seen from eastern region with only 17 institutes participating in the survey.

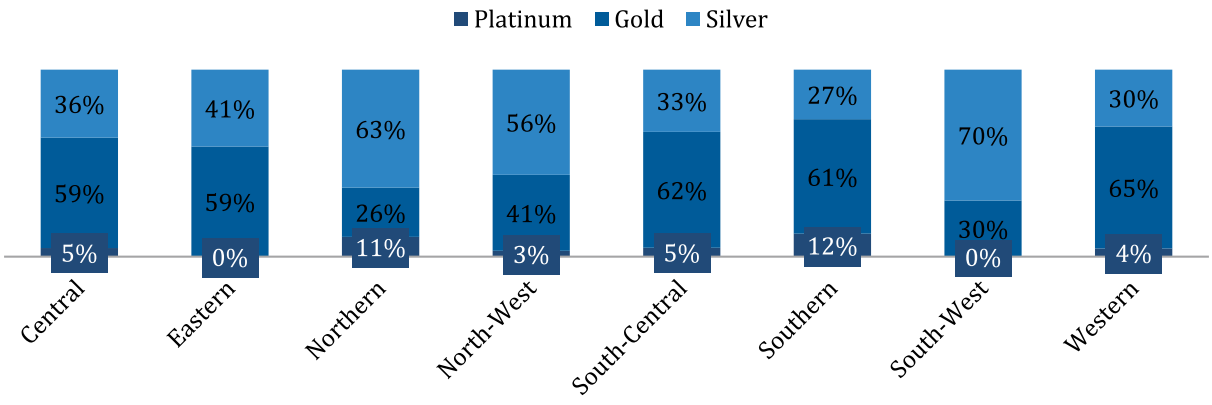


Fig 34: Categorization of Participating Institutes Across AICTE Zone

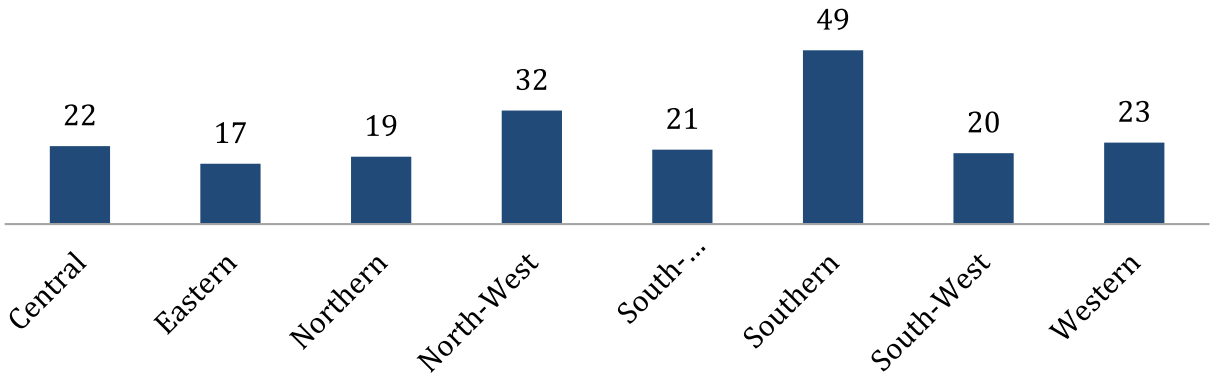


Fig 35: Number of participating institutes across AICTE zones

Southern region had the best performance with 12 per cent of the institutes qualifying for platinum category and only 27 per cent institutes in silver category. None of the institutes in both eastern and south-west region qualified for the platinum category

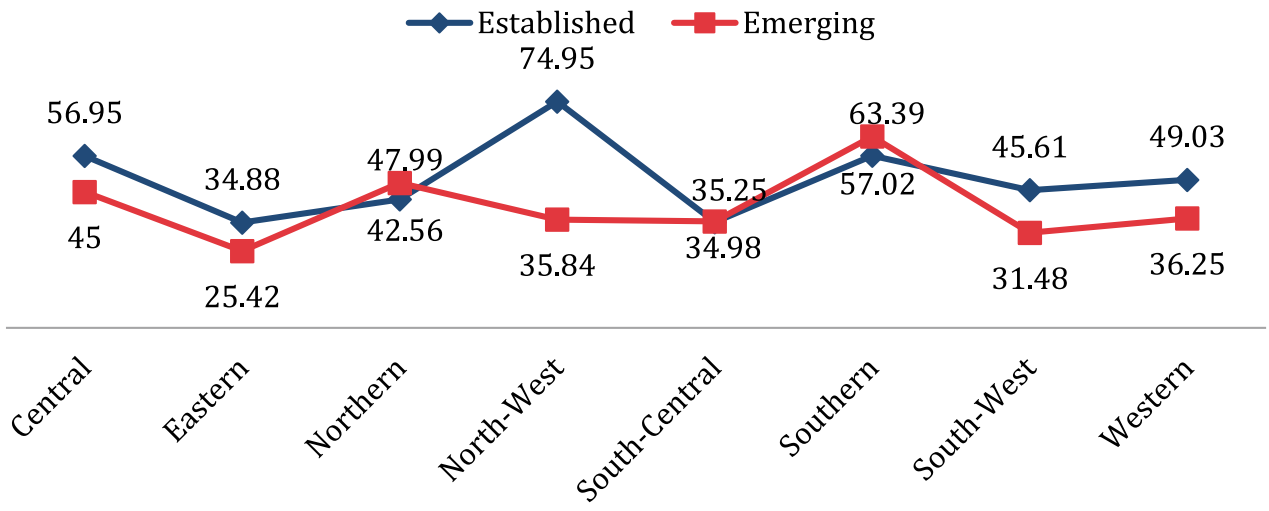


Fig 36: Top scores across AICTE

Established engineering institutes offering Computer & IT engineering scored maximum across five out of eight regions. Northern, south-central and southern region saw emerging institutes leading the way, scoring the maximum and established institutes lagged behind. In north-west region, emerging institutes lagged behind with a margin of approximate score of 30.

Civil Engineering (and allied) in Emerging Category

The survey saw participation of 232 emerging institutes across all eight AICTE zones in Civil Engineering & allied stream. As per the national level categorization of institutes based on their objective scores, institutes offering Civil & allied engineering are also grouped into three separate categories i.e. platinum, gold and silver.

Category	Index Score	No. of institutes	% Share
Platinum	>35	6	3%
Gold	10 to 35	103	44%
Silvers	<10	105	53%

Similar to national level analysis, highest level of participation was seen from southern region with 56 institutes. Lowest participation was seen from northern region with only 20 institutes participating in the survey

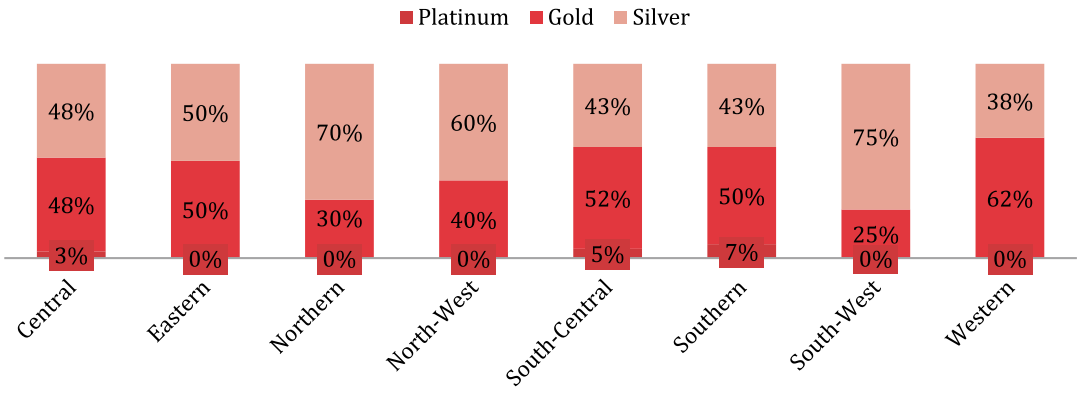


Figure 37: Categorization of participating institutes across AICTE zones

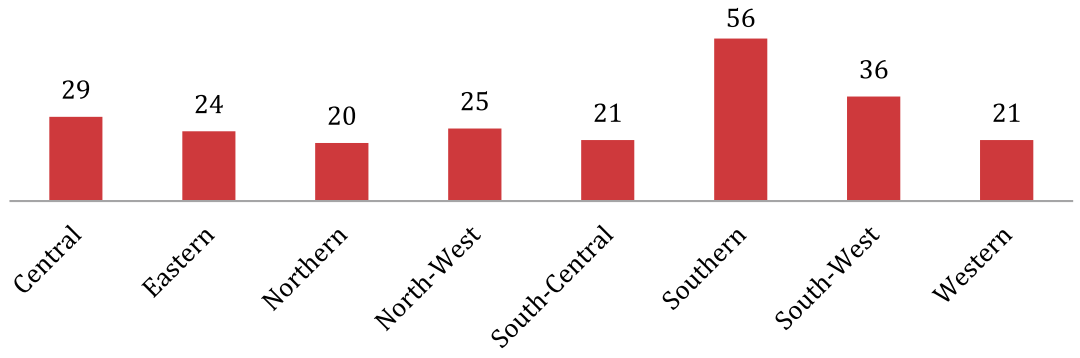


Figure 38: Number of participating institutes across AICTE zones

Highest participation was seen from southern region which had the best performance with 7 per cent of the institutes qualifying for platinum category. None of the institutes in eastern, northern, north-west, south-west and western region qualified for the platinum category. Northern region had highest number of institutes with 70 per cent in silver category. Overall performance of emerging institutes was relatively poor compared to other engineering streams as only 3 per cent of the institutes were able to qualify for the platinum category.

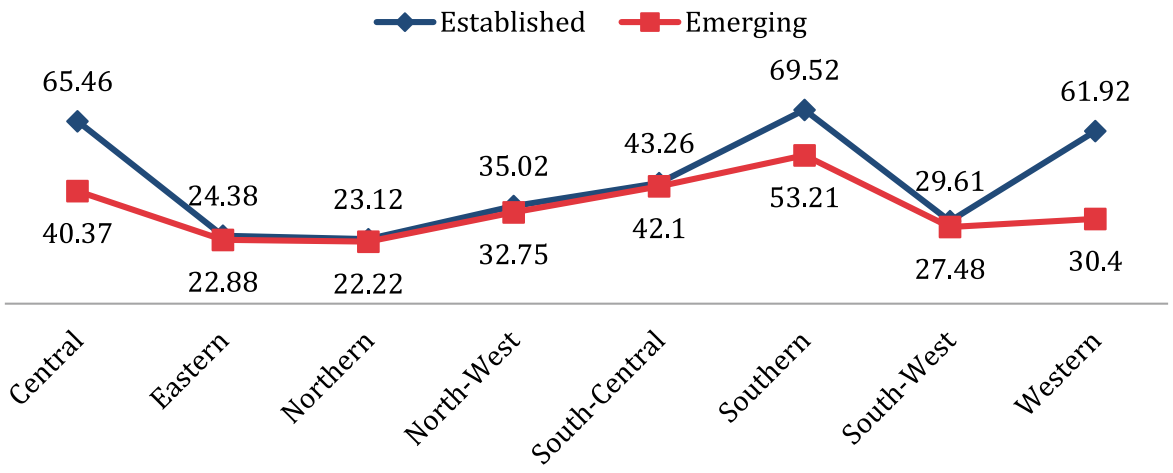


Figure 39: Top scores across AICTE zones

Across all regions, top scores were obtained by established institutes over emerging institutes. Except for Central, southern and western regions, there was only a marginal difference between maximum scores obtained by established and emerging institutes.

Chemical Engineering (and allied) in Emerging Category

The survey saw participation of 27 emerging institutes across all eight AICTE zones in Chemical Engineering & allied stream. As per the national level categorization of institutes based on their objective scores, institutes offering Chemical Engineering & allied are also grouped into three separate categories i.e. platinum, gold and silver.

Category	Index Score	No. of institutes	% Share
Platinum	>35	4	15%
Gold	10 to 35	17	63%
Silvers	<10	6	22%

Similar to national level analysis, highest level of participation was seen from southern region with 7 institutes. Lowest participation was seen from south-central and south-west region with only 2 institutes participating in the survey.

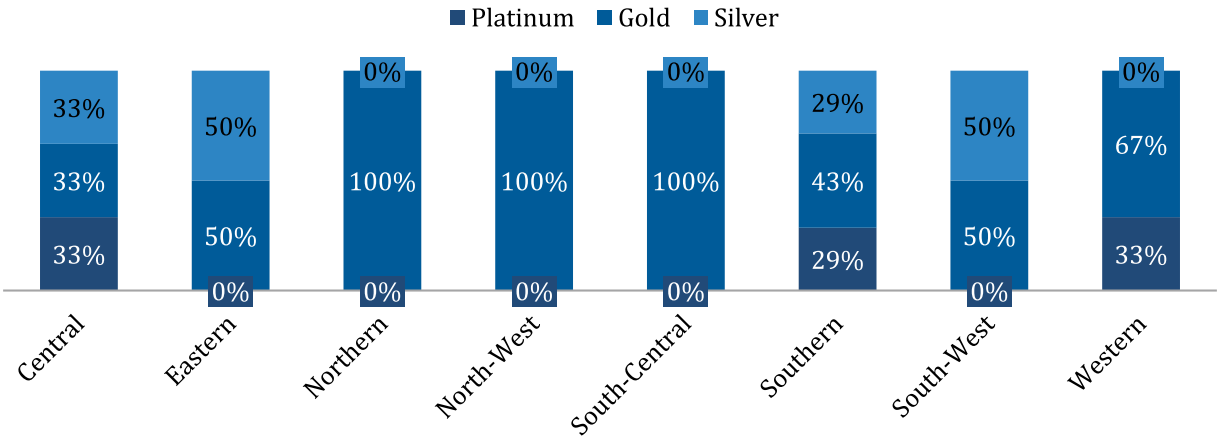


Figure 40: Categorization of participating institutes across AICTE zones

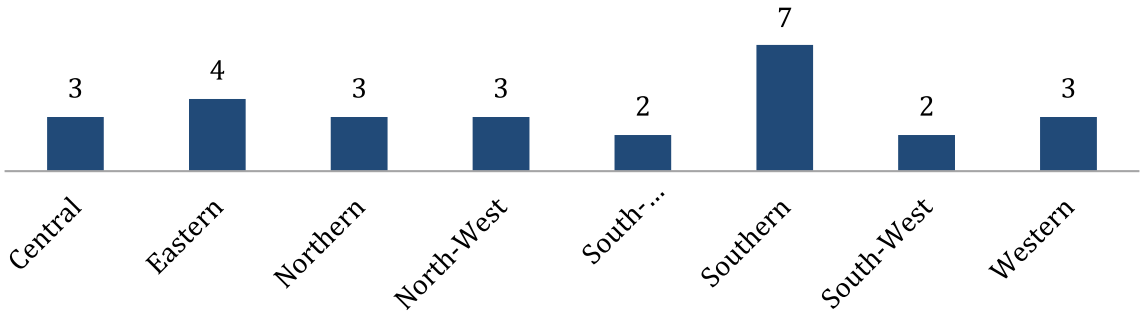


Figure 41: Number of participating institutes across AICTE zones

With the highest level of participation, southern region had the best performance with 29 per cent of the institutes qualifying for platinum category and only 29 per cent institutes in silver category. None of the institutes in eastern, northern, north-west, south-central and south-west region qualified for the platinum category. Northern, north-west and south-central regions had all of their institutes in silver category.

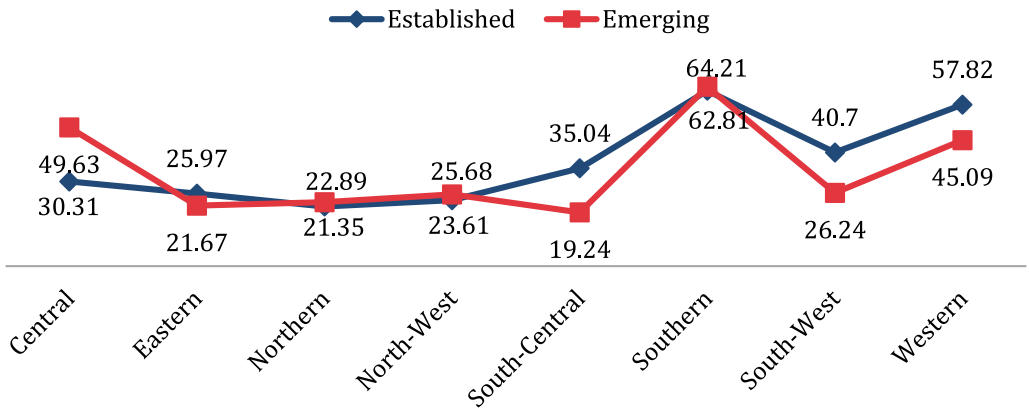


Figure 42: Top scores across AICTE zones

Established institutes scored top scores in eastern, south-central, south-west and western region while emerging institutes took the lead in central, northern, north-west and southern regions.

Electrical Engineering (and allied) in Emerging Category

The survey saw participation of 177 emerging institutes across all eight AICTE zones in Electrical Engineering & allied stream. As per the national level categorization of institutes based on their objective scores, institutes offering Electrical Engineering & allied are also grouped into three separate categories i.e. platinum, gold and silver.

Category	Index Score	No. of institutes	% Share
Platinum	>35	12	7%
Gold	10 to 35	87	49%
Silvers	<10	78	44%

Similar to national level analysis, highest level of participation was seen from southern region with 54 institutes. Lowest participation was seen from western region with only 10 institutes participating in the survey.

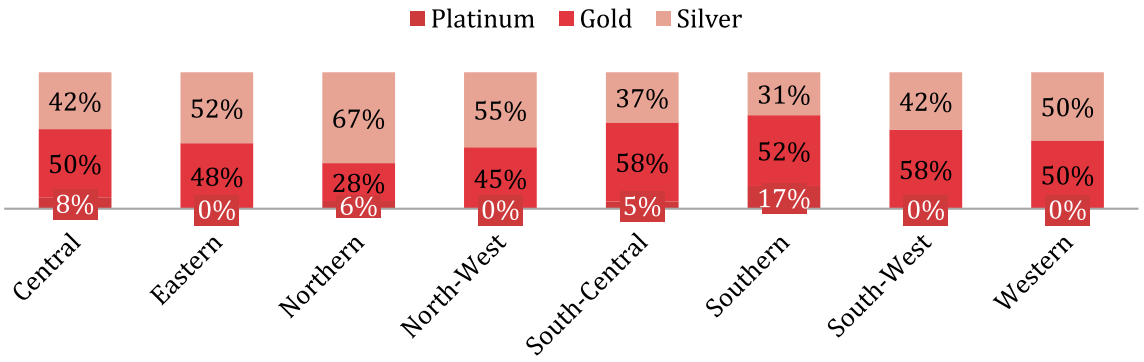


Figure 43: Categorization of participating institutes across AICTE zones

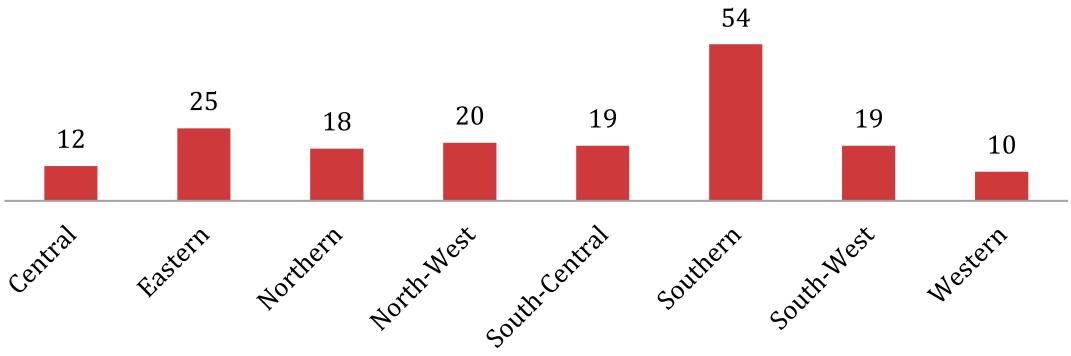


Figure 44: Number of participating institutes across AICTE zones

Southern region had the best performance with 17 per cent of the institutes qualifying for platinum category. None of the institutes in eastern, north-west, south-west and western region qualified for the platinum category.

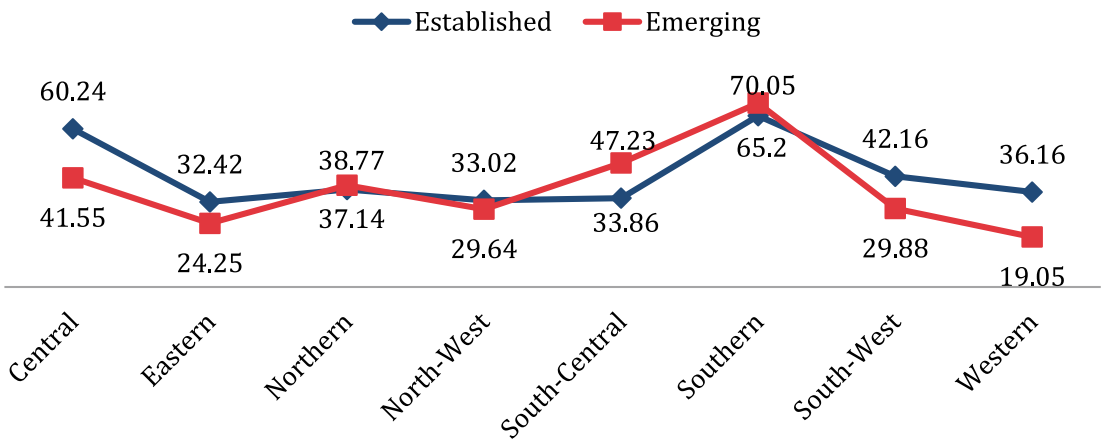


Figure 45: Top scores across AICTE zones

Emerging institutes topped in scoring the maximum scores in northern, south-central and southern regions. In the remaining regions established institutes scored higher with a significant difference between maximum scores between established and emerging institutes.

Electronics & Communication Engineering (and allied) in Emerging Category

The survey saw participation of 197 emerging institutes across all eight AICTE zones in Electronics & Communication Engineering & allied stream. As per the national level categorization of institutes based on their objective scores, institutes offering Electronics & Communication Engineering & allied are also grouped into three separate categories i.e. platinum, gold and silver.

Category	Index Score	No. of institutes	% Share
Platinum	>35	10	5%
Gold	10 to 35	92	47%
Silvers	<10	95	48%

Similar to national level analysis, highest level of participation was seen from southern region with 53 institutes. Lowest participation was seen from eastern region with only 17 institutes participating in the survey.

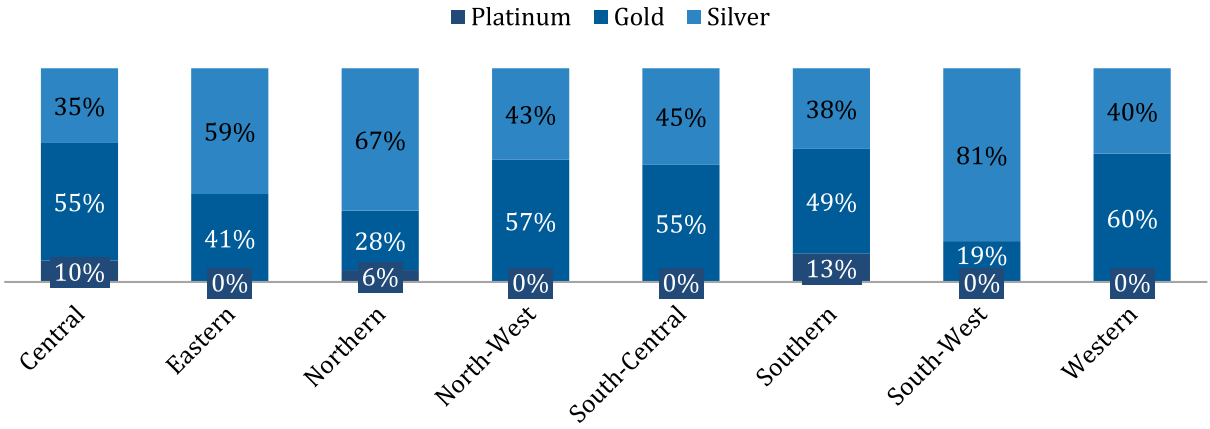


Figure 46: Categorization of participating institutes across AICTE zones

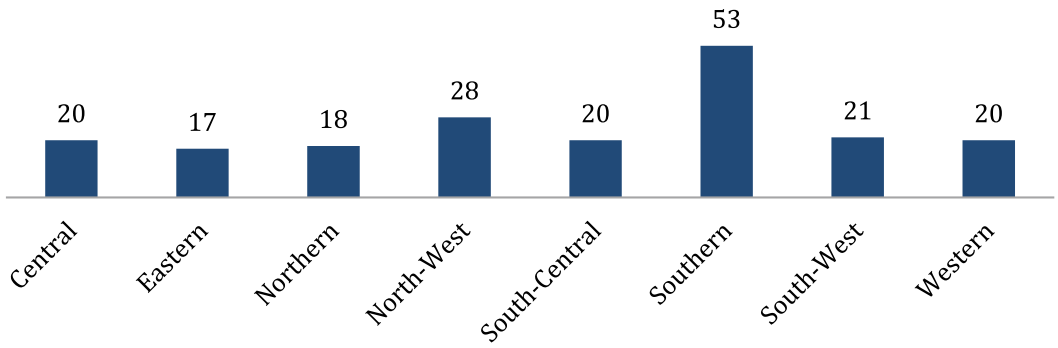


Figure 47: Number of participating institutes across AICTE zones

None of the institutes in eastern, north-west, south-central, western and south-west region qualified for the platinum category. Southern region had the maximum, with 13 per cent of institutes qualifiying for platinum category. As compared to other engineering streams, Electronics & Communication Engineering & allied institutes have very weak industry-institute linkages. Only 7 per cent of 192 institutes were able to qualify for platinum category.

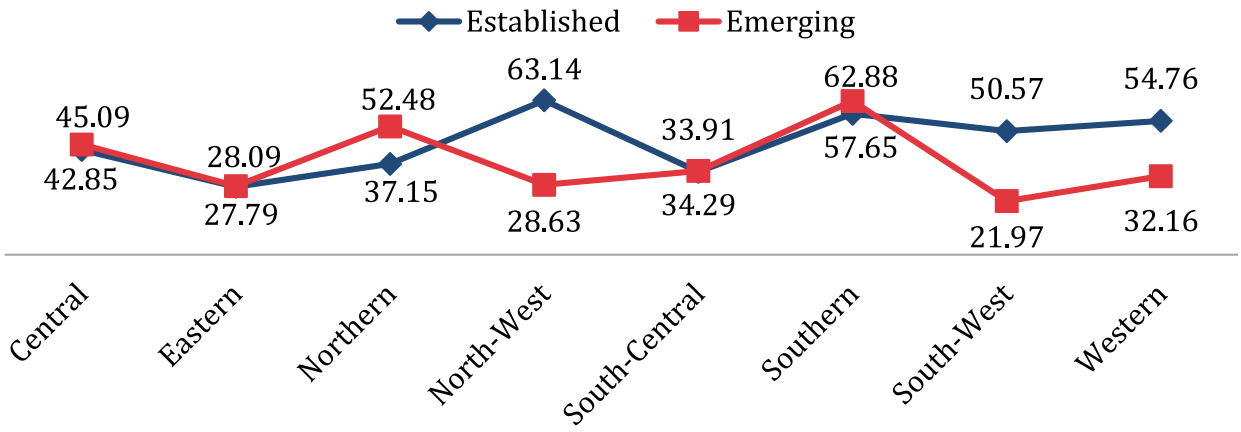


Figure 48: Top scores across AICTE zones

In north-west, south-west and western regions established institutes clearly scored higher top scores with a significant difference of 30. Emerging institutes took the lead in northern, central, south-central and southern regions.

Mechanical Engineering (and allied) in Emerging Category

The survey saw participation of 216 emerging institutes across all eight AICTE zones in Mechanical Engineering & allied stream. As per the national level categorization of institutes based on their objective scores, institutes offering Mechanical Engineering & allied are also grouped into three separate categories i.e. platinum, gold and silver.

Category	Index Score	No. of institutes	% Share
Platinum	>35	15	7%
Gold	10 to 35	112	52%
Silvers	<10	89	41%

Similar to national level analysis, highest level of participation was seen from southern region with 63 institutes. Lowest participation was seen from south-central region with only 10 institutes participating in the survey.

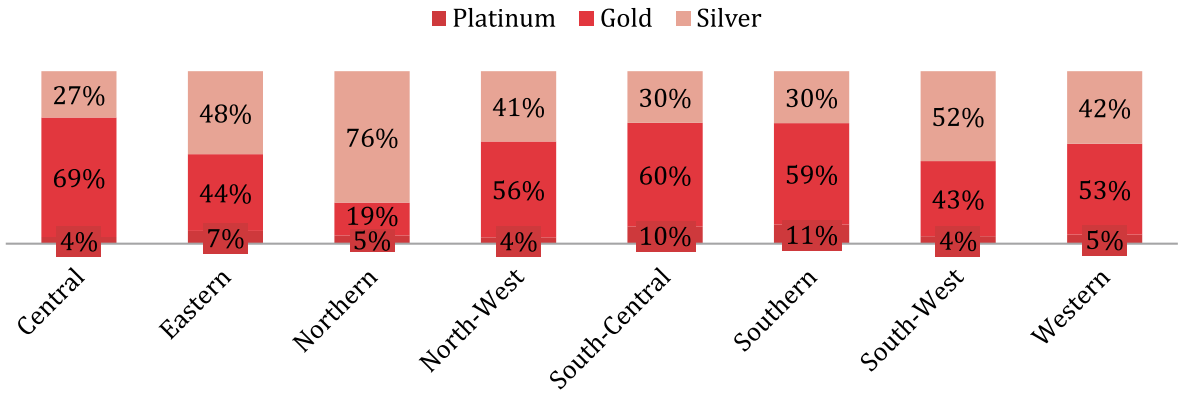


Figure 49: Categorization of participating institutes across AICTE zones

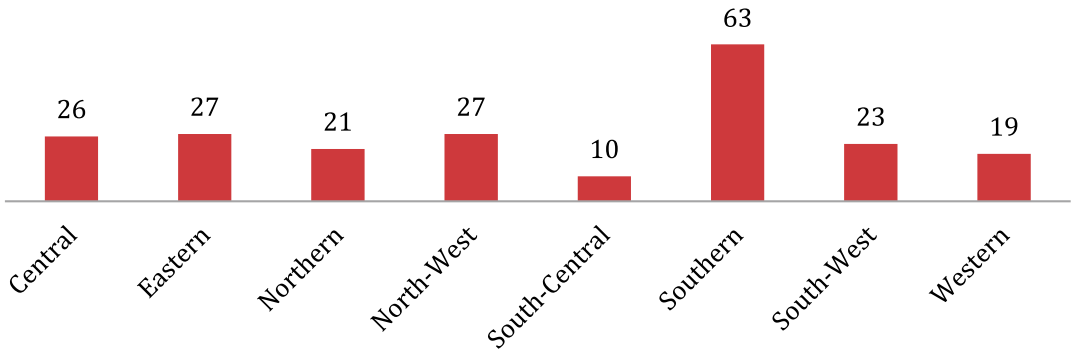


Figure 50: Number of participating institutes across AICTE zones

Southern region had the best performance with 11 per cent of the institutes qualifying for platinum category and only 12 per cent institutes in silver category. Unlike other engineering streams, mechanical engineering and allied had institutes qualifying for platinum category across all regions. Northern region had relatively poor performance with more than 75 per cent of the institutes lying in silver category.

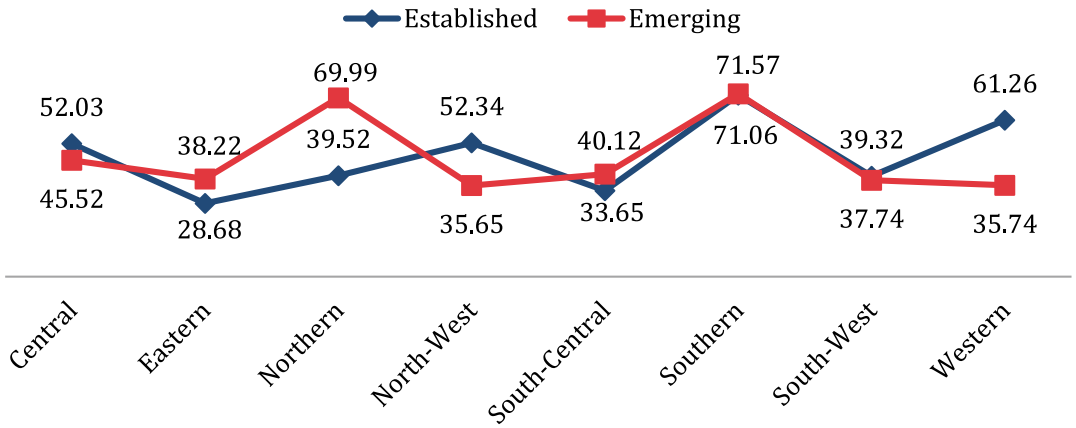


Figure 51: Top scores across AICTE zones

Emerging institutes were able to achieve top scores in eastern, northern south-central and southern region. In northern region, emerging institutes clearly led with a margin of nearly 30. In the remaining regions, established institutes had scored the top scores compared to emerging institutes with marginal difference.

Emerging Management Institutes

A total of 163 emerging management institutes participated in this year's survey. Highest participation was seen from southern region with an average score of 20.35 and the lowest participation was seen from central region with 11 institutes. But despite the lowest number of institutes, central region managed to score the highest average score of 24.71.

Along with southern and central, western region scored higher than the national average score of 16.70. This is evident from the fact that northern and north-west regions have performed exceptionally well in comparison to their performance in emerging engineering institutes. Eastern region follows a similar trend as their performance in engineering institutes and continue to stay below national average score in emerging management institutes.

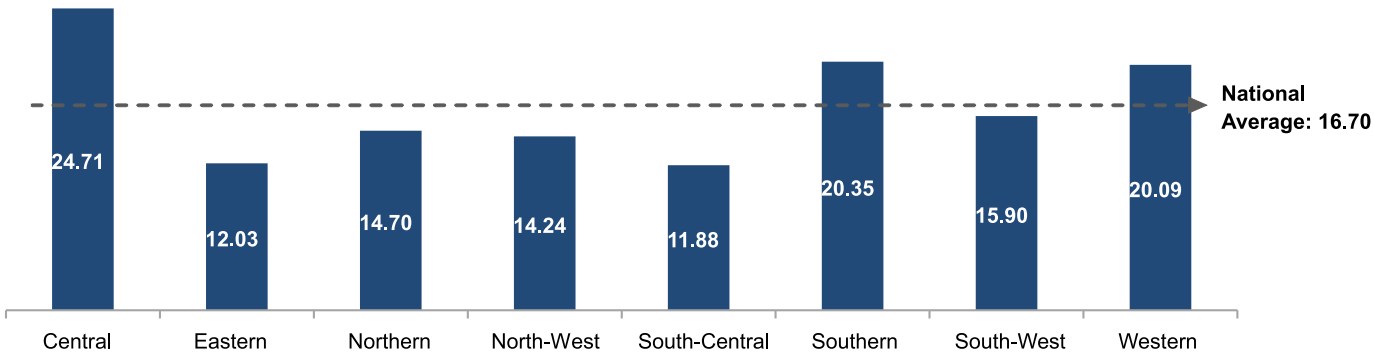


Figure 52: Emerging management institutes average objective score across AICTE zones

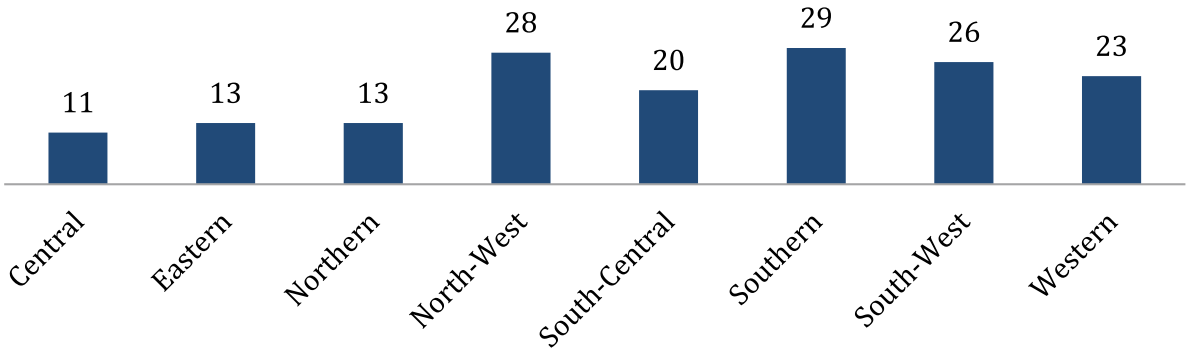


Figure 53: Number of participating institutes across AICTE zones

Emerging management institutes' overall performance by dimension is shown in the figure 54. It shows the percentage of institutes falling under various groups based on the rating or scores achieved by them in each specific dimension. Different cut-off points have been taken due to different maximum scores assigned to each parameter.

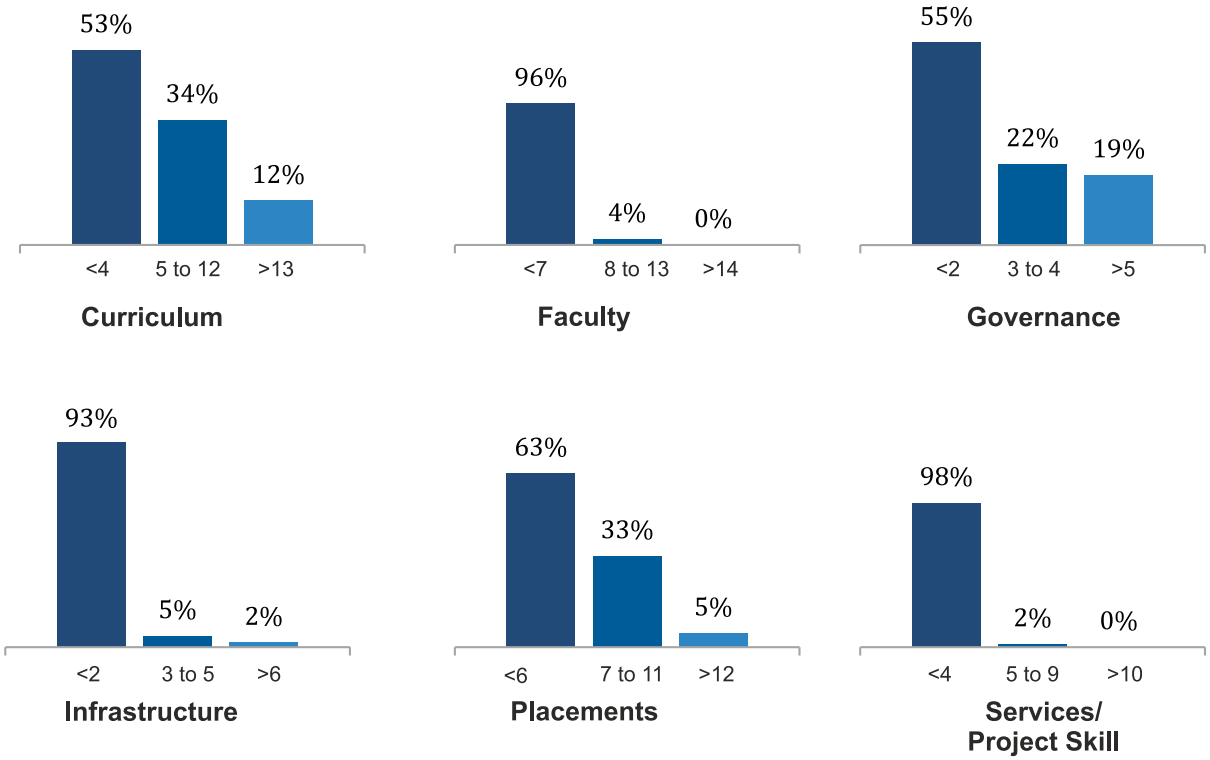


Figure 54: Parameter wise performance evaluation of emerging engineering institutes

The overall analysis based on dimension shows that most of the emerging engineering institutes are doing relatively well in curriculum and governance parameters. 39 per cent institutes have more than 4 industry members on their board of governors, though not all members attend the board of governors' meetings. Emerging management institutes have moderately poor placements statistics with only 5 per cent of the institutes having more than 80 per cent companies with stream specific job profile coming to campus and ~75 per cent students being offered jobs from campus. Along with Faculty-industry interaction, industry support to institute infrastructure and research linkage still remains a challenge.

Detailed analysis of platinum and silver category emerging management institutes

As detailed earlier a total of 163 emerging management institutes participated in this year's survey, which is higher than the 128 participants in established category. As per the national level categorization of institutes based on their objective scores, management institutes are also grouped into three separate categories i.e. platinum, gold and silver.

Category	Index Score	No. of institutes	% Share
Platinum	>35	15	9%
Gold	10 to 35	88	54%
Silvers	<10	60	37%

Similar to national level analysis, highest level of participation was seen from southern region with 29 institutes. Lowest participation was seen from central region with only 11 institutes participating in the survey.

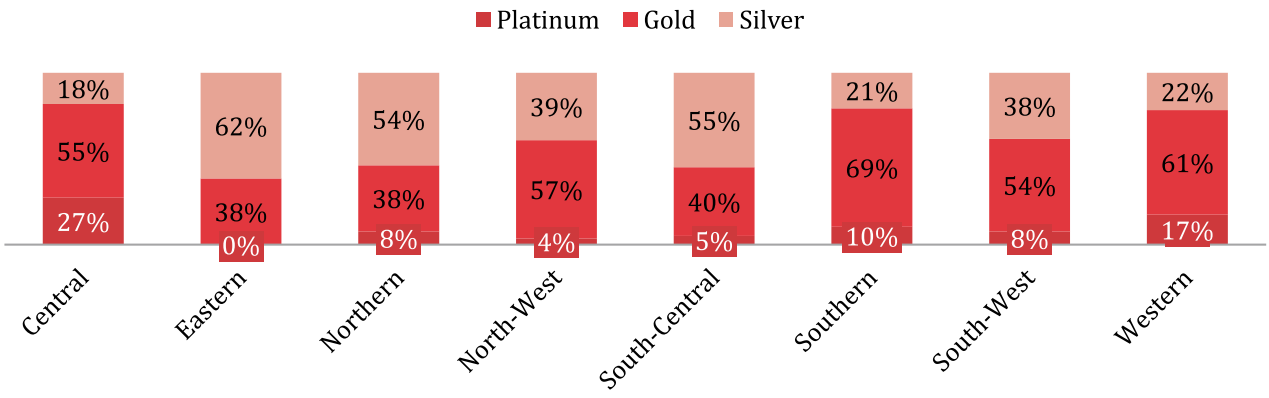


Figure 55: Categorization of participating institutes across AICTE zones

Despite the highest level of participation from southern region, central region had the best performance with 27 per cent of the institutes qualifying for platinum category and only 18 per cent institutes in silver category. None of the institutes in eastern region qualified for the platinum category.

Key characteristics of platinum and silver category emerging management institutes

Platinum category institutes have established relatively stronger industry linkages through industry involvement in providing training and internships to their students, lectures being delivered by industry professionals and having industry members on their BoG / advisory councils. Faculty-industry interface still needs improvement as only 46 per cent institutes have their faculty members on the boards of industry. Placement scenario is weaker than established management institutes. Only 73 per cent institutes were able to place 60 per cent of their students through campus interviews while in established category, 91 per cent institutes got more than 80 per cent students placed through campus interviews.

In silver category emerging management institutes, faculty-industry interface and services provided to industry were negligible as all the institutes scored zero in all the sub-parameters. Governance, placements and curriculum were also poorly scored parameters. Apart from governance, in all other parameters less than 10 per cent of the institutes were able to score anything, implying poor industry-institutes linkages across all parameters.

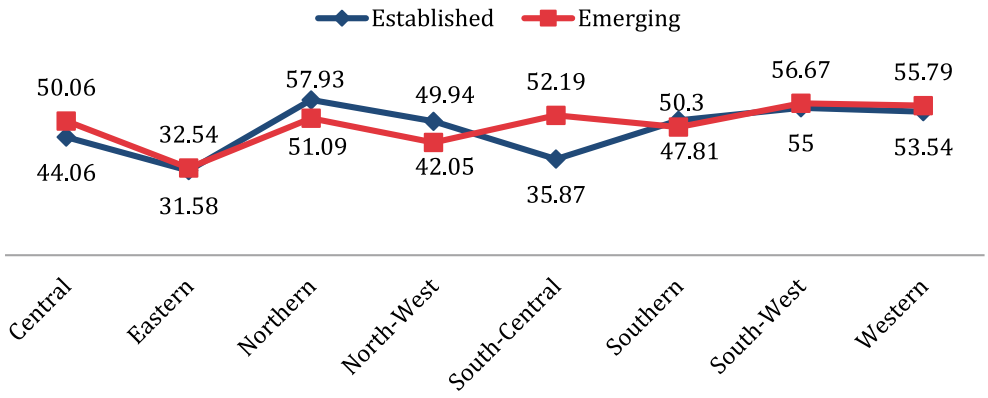


Figure 56: Top scores across AICTE zones

Surprisingly, only three AICTE regions i.e. northern, north-west and southern region were able to have top scores from established management institutes while in all other regions emerging institutes are leading in top scores.

Award Winners

S.No.	Award Category	Award Winner
1	Best Industry-Linked Chemical & Allied Engineering Institute (Degree)	D.K.T.E. Society's Textile & Engineering Institute
2	Best Industry-Linked Civil & Allied Engineering Institute (Degree)	Thiagarajar College of Engineering
3	Best Industry-Linked Computer / IT & Allied Engineering Institute (Degree)	Thiagarajar College of Engineering
4	Best Industry-Linked Electrical & Allied Engineering Institute (Degree)	Sona College of Technology
5	Best Industry-Linked Electronics & Allied Engineering Institute (Degree)	R.M.K. Engineering College
6	Best Industry-Linked Mechanical & Allied Engineering Institute (Degree)	Sri Sai Ram Engineering College
7	Best Industry-Linked Chemical & Allied Engineering Institute (Diploma)	Thiagarajar Polytechnic College
8	Best Industry-Linked Civil & Allied Engineering Institute (Diploma)	Parul Institute of Engineering & Technology (Diploma Studies)
9	Best Industry-Linked Computer / IT & Allied Engineering Institute (Diploma)	Thiagarajar Polytechnic College
10	Best Industry-Linked Electrical & Allied Engineering Institute (Diploma)	Thiagarajar Polytechnic College
11	Best Industry-Linked Electronics & Allied Engineering Institute (Diploma)	Parul Polytechnic Institute
12	Best Industry-Linked Mechanical & Allied Engineering Institute (Diploma)	P.A.C. Ramasamy Raja Polytechnic College
13	Best Industry-Linked Emerging Engineering Institute (Degree)	Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engineering College
14	Best Industry-Linked NIT / IIT / IIIT	National Institute of Technology Tiruchirappalli
15	Best Industry-Linked Management Institute	Prin. L.N. Welingkar Institute of Management Development & Research
16	Best Industry-Linked Pharmacy Institute (Degree)	SVKM's Dr. Bhanuben Nanavati College of Pharmacy
17	Best Industry-Linked Architecture/Planning Institute	Thiagarajar College of Engineering
18	Mentor Award in Chemical Engineering	Institute of Chemical Technology
19	Mentor Award in Engineering	PSG College of Technology
20	Mentor Award in Engineering	College of Engineering Pune
21	Mentor Award in Pharmacy	Bombay College of Pharmacy

Case studies of top performing institutes

The case studies of winning institutions are given in alphabetical order of the name of the discipline, starting with degree courses in engineering, followed by diploma courses, then emerging engineering, centrally-funded technical institutions, management, pharmacy, architecture and then mentor awards in chemical engineering, engineering and pharmacy. Wherever an institute has won more than one award, the case studies have been combined beginning with the alphabetical order of the first award won by that institute and subsequently the next case study in alphabetical order has been presented.

D.K.T.E. SOCIETY'S TEXTILE & ENGINEERING INSTITUTE

Winner of Award for Best Industry-Linked Chemical & Allied Engineering Institute (Degree)

This textile and engineering institute was set up by Dattajirao Kadam Textile Education Society in 1982 at Rajwada, Ichalkaranji, Maharashtra. It has won the award this year for the first time in chemical and allied engineering category for its textile engineering course. This award has been sponsored by Tata Chemicals since the inception of the AICTE-CII IndPact Survey in 2012 and textile engineering is clubbed with chemical engineering for the purpose of the survey.

The main building of the institute is a majestic palace and a unique historical monument. The Ichalkaranji town, popularly known as "Manchester of Maharashtra", is located 30 km from the city of Kolhapur and is one of the prominent centres of a decentralized textile sector in India, housing over 40 modern spinning mills and over 8 composite units, 180 sizing units, one lakh power looms, over 8000 shuttle-less looms, over 50 processing units and over 100 garment units. Apart from academics, the institute is engaged in providing various kinds of services to textile and other engineering industries all over the country that involve turnkey consultancy, training, customized programmes, testing facilities, product development, project preparation, dissemination of knowledge and information through seminars and conferences, problem solving, research & developmental activities. It has been selected for establishment of a 'Center of Excellence' under 'Technology Mission on Technical Textiles' for non-woven segment, by the government. Since all the trustees of the institute are industry players of the textile sector, its linkages with industry are good. The institute is carrying out appraisal of textile clusters for the government and also designing common effluent treatment plants for them.

THIAGARAJAR COLLEGE OF ENGINEERING

Winner of Award for Best Industry-Linked Civil & Allied Engineering Institute (Degree)

Winner of Award for Best Industry-Linked Computer & Allied Engineering Institute (Degree)

Winner of Award for Best Industry-Linked Architecture / Planning Institute

Thiagarajar College of Engineering (TCE) is a government-aided autonomous engineering college in Madurai, Tamil Nadu. Established in 1957, it is affiliated to Anna University, Chennai. It is one of several educational and philanthropic institutions founded by philanthropist and industrialist Karumuttu Thiagarajan Chettiar.

It is the first institute to win an award in Architecture stream ever since the AICTE-CII Survey of Best Industry-Linked Technical Institutes was started in 2012. This year the jury gave a strong verdict in favour of giving award in this category to this institute because of various reasons. These included the fact that TCE is among a very small number of institutes in the country offering the B.Arch programme and it has been doing an outstanding job in this since 1995. It has redesigned curriculum based on competency / outcome benchmarked with global standards. Its B. Arch programme has outcomes aligned with International Union of Architects.

In addition to the award for Architecture, TCE has also won the awards in Civil and allied engineering (Degree) category as well as in Computer & allied engineering (Degree) category sponsored by NIIT Technologies . Every department in the institute has identified dedicated theme areas where learner-centric education is imparted. As many as 16 single-

credit courses are offered in collaboration with industry experts. Three such courses taken qualify as a semester credit for one course. This gives students opportunity to pursue industry-specific programs and also get credit for the same. TCE has special-interest-groups in all streams of engineering to let students specialize in their areas of interest. The institute has a consulting wing with civil / environmental engineering taking lead. It conducts contractual research projects for industry, for example for Nokia and the public works department. It earned Rs. 6 lakh in 2014-15 through consultancy. The institute pursues socially relevant initiatives such as polymer bitumen mix road (a pioneering

initiative), rural women employability development, heritage development, water shed management, river management and restoration.

The institute has Thiagarajar Telecom Solutions India, an incubated company in the campus. Consultancy services company Temcos is present on the campus since 1975. Sponsored laboratories have been established by companies such as Microsoft, IBM, Motorola, Intel and Agilent. Students actively participate in consultancy services and earn incentives. The institute has industry related international collaboration with European Business Technology Center, Fraunhofer, Germany. Industry internship was offered to 472 students last year by companies like Honeywell, Microsoft, Amazon, TAFE, L&T, etc. Visiting faculty from industry contribute to education in a dedicated slot every week. Skill based courses are offered at laboratories by companies.

In mechanical engineering, the institute has a TVS Motor programme where students are hired in the second semester and they visit the company in summer and other breaks during the subsequent semesters to work on live projects and then get hired by the company at the end of the course

SONA COLLEGE OF TECHNOLOGY

Winner of Award for Best Industry-Linked Electrical & Allied Engineering Institute (Degree)

Affiliated to Anna University, Chennai, the Sona College of Technology is located in Salem, Tamil Nadu. Its electrical and electronics engineering department has three major research laboratories, Sona Speed, Sona Pert and Sona PEDC with six recognized research supervisors. Some of the achievements of Sona Speed during 2013-15 included designing a special type of 10 kw brushless motor for VSSC Trivandrum for the use of camera positioning in satellite launch vehicle. The prototype has been approved and the institute has received orders for three more such units. Stepper motors were developed for the use of control valve for fuel mixture in the satellite launch vehicle of Indian Space Research Organisation (ISRO). Also, 3 kw brushless motors were developed for Nurul Islam University for their project of student satellite. Sona Pert developed five products during 2013-15 for local industry. These included electronic current transformer accuracy testing system (CT Caliber); B-H & Core loss

analyzing system; underground cable fault locating system; electronic potential transformer accuracy testing system and leakage current analyzer software for outdoor insulators. Sona PEDC is working on the following projects: fuzzy logic based PID controllers are in the process of development; software is complete and hardware is being fabricated; digital optical warp and weft stop motion and pick control are being developed for power looms and a converter and inverter are being designed for combined wind / solar renewable energy.

R.M.K. ENGINEERING COLLEGE

Winner of Award for Best Industry-Linked Electronics & Allied Engineering Institute (Degree)

Another institute affiliated to Anna University, Chennai, the RMK Engineering College is situated in Thiruvallur district of Tamil Nadu and is governed by the Lakshmikanthammal Educational Trust. This year

it has won the award in electronics and allied engineering category which is sponsored by Hyderabad-based instruments major ELICO Limited. The electronics department of the institute offers BE in electronics and communication; ME in VLSI design; ME in applied electronics in addition to MS and PhD programmes. The industry linkages of the institute are evident from the well maintained website which gives the details of each and every industry visit undertaken by students or the guest lectures which were given by industry experts. There are nine laboratories in the electronics department, such as device lab, communications lab, digital signal processing lab, microprocessor lab, microwave and optical communication lab, VLSI design lab, networks lab, RF lab and VLSI research lab. All the laboratories have industry-sponsored kits and teaching aids.

SRI SAIRAM ENGINEERING COLLEGE

Winner of Award for Best Industry-Linked Mechanical & Allied Engineering Institute (Degree)

Competition for the award in mechanical engineering category is always tough and Sri Sai Ram Engineering College has won it this year with several close competitors. It is affiliated to Anna University, Chennai and is located on the suburbs of the city. With an overall excellent infrastructure, the institute's mechanical engineering laboratory is spread over an area of 3608 sqm, equipped with latest machines to provide state-of-the-art practical exposure to students. The institute shows good awareness of the need to protect environment through various mechanisms for waste disposal, tapping of natural energy sources like solar / wind power and bio-fuel. It has competent and enthusiastic faculty who are working in close collaboration with industry.

THIAGARAJAR POLYTECHNIC COLLEGE

Winner of Award for Best Industry-Linked Chemical & Allied Engineering Institute (Diploma)
Winner of Award for Best Industry-Linked Computer & Allied Engineering Institute (Diploma)
Winner of Award for Best Industry-Linked Electrical & Allied Engineering Institute (Diploma)

Thiagarajar Polytechnic College is situated within the campus of Sona College of Technology in Salem, Tamil Nadu. It is the first aided polytechnic in India which was specially sanctioned by Pandit Jawaharlal Nehru, the first prime minister of India. It was started by educationist, philanthropist and promoter of Alagappanagar Textiles, Alagappa Chettiar in 1956 and subsequently taken over by the Madurai Thiagarajar Educational Trust. All three diploma programmes of the institute which have won the award this year are accredited by the National Board of Accreditation (NBA). The textile department of the institute which has won the award in chemical and allied category, sponsored by Tata Chemicals, is one of its best, offering the very course with which the

institute came into being over six decades back. The department offers a separate course in man-made fibres also. It has a well-equipped laboratory with latest looms and machines for students to get practical training.

Both computer and electrical engineering departments run English communication laboratories for students which go a long way in improving their employability. Since English is the international language of work, specially in the field of computer and electrical sciences which are dominated by knowledge emanating from the west, it is important for students to be able to comprehend and articulate well in this language for their own future growth. The institute also revisits its curriculum frequently in consultation with industry. The computer and electrical laboratories are also state-of-the-art and work in tandem with industry.

PARUL INSTITUTE OF ENGINEERING & TECHNOLOGY (DIPLOMA STUDIES)

Winner of Award for Best Industry-Linked Civil & Allied Engineering Institute (Diploma)
Winner of Award for Best Industry-Linked Electronics & Allied Engineering Institute (Diploma)

Winner of two awards in diploma category, the Parul Institute of Engineering and Technology is located in Vadodara and will be part of the newly-established Parul University from 2015-16. It is part of the group of institutions set up by the Parul Arogya Seva Mandal in 1990s. It has a well-defined organisational structure and well laid-out processes for both faculty and students. Faculty undertakes compulsory training in industry during holidays. The institute has strong linkages with overseas academic community, specially in Germany. It has filed for several patents in the past. The award that the institute has won in electronics and allied engineering category is sponsored by ELICO Limited.

P.A.C. RAMASAMY RAJA POLYTECHNIC COLLEGE

Winner of Award for Best Industry-Linked Mechanical & Allied Engineering Institute (Diploma)

This institute is situated in Rajapalayam, district Madurai, Tamil Nadu. It was set up in 1963 by P.A.C. Ramasamy Raja who was an industrialist and philanthropist. It is now a government-aided institution and its mechanical engineering course is accredited by the National Board of Accreditation, having been started in the year of inception of the institute. The course has won for the institute award for Best Industry-Linked Mechanical and Allied Engineering Institute, sponsored by KHS Machinery.

The institute has well-equipped laboratories, curriculum is updated regularly in consultation with industry and campus placements are good. It provides intensive in-plant training to students to keep them abreast with technological advances during their summer and winter vacations. Students are trained to analyze and rectify the problems of important equipment that are used in industry. It organises regular alumni meetings and is thus able to capitalise on the industry experience of its pass-outs.

VEL TECH MULTI TECH DR.RANGARAJAN DR.SAKUNTHALA ENGINEERING COLLEGE

Winner of Award for Best Industry-Linked Emerging Engineering Institute (Degree)

The VELTECH group of Educational Institutions was established in 1990 by a trust headed by Dr R Rangarajan and Dr R Sakunthala Rangarajan. They have several institutions under their umbrella including the Vel Tech Multi Tech University, a deemed university approved by University Grants Commission u/s 3 of the UGC Act 1996. In emerging engineering category the institute has won the award for excellence in its bio-medical engineering course which was grouped under chemical and allied engineering. The bio-medical engineering department was established in the institute in 2007 and since then has been working on several government and privately-funded projects. It has tie-ups with hospitals such as Apollo Hospital, Vijaya Hospital, Global Hospital, Billroth Hospital and MMM Hospital through which its students get training in latest trends and also get exposure to medical equipment manufacturing companies. Guest faculty

comes regularly from Madras Medical College Hospital, Stanley Hospital and Ramachandra Hospital. The department has received research funding from the Department of Science and Technology (DST) and Indian Council of Medical Research (ICMR) in the past. The department also won the Motorola FAER Award in 2013 for a project on Nitric Oxide Detector for the Diagnosis of Asthma.

NATIONAL INSTITUTE OF TECHNOLOGY TIRUCHIRAPPALLI

Winner of Award for Best Industry-Linked Centrally-funded Technical Institute

NIT Trichy was set up in 1964 as Regional Engineering College and is situated in Tiruchirapalli, Tamil Nadu. It is one of the 30 NITs in India and has been declared as an Institute of National Importance by Government of India under NIT Act. This is the first time that an NIT has won an award in the AICTE-CII Survey of Industry-Linked Technical Institutes. This year the award sponsor in this category is Hindustan Unilever. NIT Trichy competed in the category of centrally-funded technical institutes (CFTI) with 8 other NITs, 2 technical universities and 1 technical college. The NITs included NIT Hamirpur, NIT Rourkela, VNIT Nagpur, NIT Warangal, MNNIT Allahabad, SVNIT Surat, NIT Suratkhal and NIT Tripura. The 2 technical universities were PEC University of Technology Chandigarh and Delhi Technological University. Among the lone government colleges was University College of Engineering, Telangana. There was no participation from any other kind of CFTI in the survey which are generally not too enthusiastic about furnishing information for surveys of any kind and this is true of the AICTE-CII Survey also. Although all the 12 participating institutes in this category are outstanding institutes in their own right, they provided insufficient data in the survey which resulted in poor objective

Photo caption: Central library of National Institute of Technology, Tiruchirapalli

scores. NIT Trichy in particular has eminent industrialists on its board of governors. It has 25 active memorandums of understanding (MOUs) with industry. Its center for entrepreneurship development and incubation has partnered with Sonata Software with an outlay of Rs 1.2 crore for three years. Industry expert lectures are extensive (nearing 25 per cent of total) and are regularly arranged for both undergraduate and post-graduate students. Faculty is very actively involved in taking up industry sponsored projects. As many as 21 such projects were completed in 2013-14 whereas 14 were done in 2014-15. Part-

time external registrations for PhD and MS is a special feature of NIT, Tiruchirapalli. Around 88 personnel from industry have registered for PhD in the past three years and 83 have registered for MS. Due to an active and strong association with industry, NITT has an excellent placement record for UG and PG students. It has a strong alumni network in the private sector and has close historic associations with public sector undertakings such as Bharat Heavy Electricals Limited.

PRIN. L.N. WELINGKAR INSTITUTE OF MANAGEMENT DEVELOPMENT & RESEARCH

Winner of Award for Best Industry-Linked Management Institute (Standard Category)

Prin L N Welingkar Institute of Management Development & Research or WeSchool, as it is popularly known as, was set up in Mumbai in 1977 by a charitable trust called S P Mandali, Pune. Among management institutes it was among the pioneers to start offering Post Graduate Diploma in Management in new areas such as retail, family managed business, business design & innovation, rural management, healthcare management, media & entertainment management and e-business. It is affiliated to the University of Mumbai and has a very well laid out plan to ensure that its students have the best exposure to industry. The ratio of academic to industry interaction by way of industry visits, sponsored projects and seminars is at 70:30. The institute has a formal method of being in touch with alumni who visit India either on a vacation or a sabbatical, to ensure that the students have an exposure to the changes and advancements. The T&P office does not have a formal way of ensuring skills gap with the industry, but have an informal way of collecting the required skills and then approach the industry for projects that can be executed in-house and relevant training is imparted to students who opt for the projects.

WeSchool has strong links with foreign universities such as Copenhagen Business School (Denmark), Malardalen University and Jonkoping International Business School (Sweden), Lancaster University and University of Hull (UK), Grant MacEwan College

(Canada), Otto Friedrich Universidad and Stuggart Media University (Germany), Unitec Institute (New Zealand) and Curtin Technical University (Australia).

More than 60 per cent of the students come with at least two years of work experience. In 2014-15, there were 24 industry visits for students, 151 companies provided internship, 85 visiting faculty came to the institute and 198 guest faculty delivered guest lectures. The institute's performance was outstanding on each of the parameters in the survey. It has 25 faculty trained by industry, 54 training programmes were attended by faculty and they produced 60 joint publications.

SVKM'S DR. BHANUBEN NANAVATI COLLEGE OF PHARMACY

Winner of Award in Best Industry-Linked Pharmacy Institute (Degree)

Dr Bhanuben Nanavati College of Pharmacy was started by Shri Vile Parle Kelavani Mandal (SVKM), a charitable trust under the Society's Registration Act and Bombay Public Trust Act. It is situated in Mumbai, Vile Parle West. It offers a degree programme at the under-graduate level and two programmes at the post-graduate level. It is affiliated to University of Mumbai and is approved by AICTE, Pharmacy Council of India (PCI) and International

Students at a laboratory at
Dr Bhanuben Nanavati College of Pharmacy

Pharmaceutical Federation (FIP). Though focused on ensuring academic and co-curricular facilities for a vibrant student community, the college is conscious of its role as a constructive and responsible component of society. This year it has won the AICTE-CII Survey Award for the first time, sponsored by Cadila Pharmaceuticals. Among its distinguished alumni are Kunal Desai, batch of 2009, who is today Associate Scientist at Pfizer, Greater Boston Area; Sawant Abhishek Ashok, batch of 2009 who is Catalyst-Management Trainee Program at Glenmark Pharmaceuticals; Akshata Ashokkumar, batch of 2011. She is today Assistant Project Manager, Neurological Clinical Research Institute at Boston, Massachusetts and Nimit Metha, batch of 2009 who is working at Cipla Limited.

INSTITUTE OF CHEMICAL TECHNOLOGY

Winner of Mentor Award for Best Industry-Linked Chemical & Allied Engineering Institute (Degree)

Having won the AICTE-CII Survey Award for Best Industry-Linked Technical Institute, sponsored by Tata Chemicals, in the past two years, i.e., in 2013 and 2014, the Institute of Chemical Technology (ICT) has this year been given the Mentor Award in this category, also sponsored by Tata Chemicals. The survey, as a rule, does not give award to the same institute consecutively for more than two years in a given stream. If the same institute emerges as the winner for third year in a row then it is given a Mentor category award. Located in Mumbai, ICT is a well-recognised institute of excellence. It has very good linkages with industry. A large number of student projects are given by industry. Student internships are regular. Many faculty members are pursuing industry projects and all of them are research oriented. The institute has filed for and has

been granted several patents which include international US patents also. The institute has chair professors from industry. Linkages with industry are excellent and alumni support is also quite good.

PSG COLLEGE OF TECHNOLOGY

Winner of Mentor Award for Best Industry-Linked Engineering Institute

PSG College of Technology was set up in the campus of PSG Industrial Institute in 1951. The institute itself was set up in 1926 by PSG and Sons Charities in Peelamedu, Coimbatore, Tamil Nadu. The PSG College of Technology is affiliated to Anna University, Chennai and has in the past been affiliated to Bharathiar University and before that, with University of Madras. It was the first institute to win an award in the maiden edition of AICTE-CII Survey of Industry-Linked Technical Institute in 2012. In that year it won an overall best industry-linked institute award and also the award in mechanical engineering category.

In 2013 it won the award in the electronics category. Hence this year it is being awarded the Mentor Award. The institute conducts sponsored projects for the government and industry. It has been working closely with DST, ministry of electronics and information technology, Defence Research and Development Organisation.

COLLEGE OF ENGINEERING, PUNE

Winner of Mentor Award for Best Industry-Linked Engineering Institute

College of Engineering Pune, affiliated to Savitribai Phule Pune University, is an autonomous engineering college, established in 1854. It is one of the oldest engineering colleges, not just in India, but in the entire Asian region, after Indian Institute of Technology, Roorkee. Initially it was started as the Poona Engineering Class and Mechanical School to train subordinate officers for carrying out public works like buildings, dams, canals, railways and bridges by the Britishers. Subsequently it underwent several changes and has inherited a grand Victorian-style building which serves as the main administrative block. The college has state-of-the-art laboratories in newer buildings for most departments. Almost all programmes of the college have a five-year accreditation from the National Board of Accreditation (NBA) in Tier I category which, under Washington Accord, is accorded to

Photo caption: Main hall of College of Engineering Pune

autonomous institutes which have the freedom to design their own curriculum. The college has won the AICTE-CII IndPact for two subsequent years – in 2012 and 2013. This year, therefore, it is being given an award in Mentor category, sponsored by NRB Bearings.

BOMBAY COLLEGE OF PHARMACY

Winner of Mentor Award in Best Industry-Linked Pharmacy Institute (Degree)

The legendary Bombay College of Pharmacy was established in 1957 by the Maharashtra branch of Indian Pharmaceutical Association and several pharmaceutical companies. Since then it has been imparting high quality education in pharmacy to generations of students. It won the AICTE-CII Survey Award in 2013, which was sponsored by Sun Pharmaceuticals as well as in 2014, sponsored by Cadila Pharmaceuticals. Having won the award for two consecutive years, this year it has been given the Mentor Award, sponsored by Johnson & Johnson. The college is guided by a dynamic Director, Prof Srinivas Kulkarni and has highly qualified and active faculty. The infrastructure is excellent and the management is very supportive of the institution's initiatives. It has a bioavailability study centre and Dr. M. K. Rangnekar drug testing and training laboratory. The industry – institution linkage in every aspect is very strong. There are many collaborative projects with industry and the intellectual property record of the institute is also very good. Its faculty is working with companies in countries like Germany, Finland and Netherland and has completed more than 300 sponsored projects till date.

The college has produced more than 1,500 pharmacists and 300 M. Pharm and 100 PhD graduates. Many of its alumni now hold prominent positions in industry and academia both in India and abroad. Several faculty members have received teaching and research awards from AICTE, University Grants Commission (UGC), the Council of Scientific and Industrial research (CSIR), Department of Science and Technology (DST), Indian Council of Medical Research (ICMR) and the corporate sector.

GLOBAL PERSPECTIVE ON INDUSTRY ACADEMIA COLLABORATION

About Industry-Academia Collaborations

A productive interface between academics and industry is a critical requirement for any economy. The industry-academia interface is all about moving from discovery to commercialization through technology / knowledge transfer. Universities and industry, which have been working for long as separate domains, are coming closer to each other to create synergies as a result of vast transformations throughout the academic realm as well as the constantly changing management paradigms, in response to growing complexity of corporate environment.

Industry-academia relationship is not like that of technology donator-acceptor relationship, but is an arrangement of interactive and collaborative nature, acknowledging and ensuring mutual respect for each other's role and contribution to bringing out the desired research-outcome synergy.

Motivation for industry-academia collaboration

As a result of such collaboration industry gets needed research, universities get funding and society gets new products and technology. To remain competitive in the global economy, it is imperative that corporations accelerate their innovation process. Companies are able to bring their products and technologies to the market faster by collaborations with universities, which results in mutual benefit for both parties. The industry gains expertise in the areas they need the most, graduates who are better equipped to enter the business world and academic professionals to advise them on critical matters of early technological stages. Universities gain needed funding, financial benefits, and opportunities to transfer theoretical ideas into practical projects and to implement research in real world.

To summarize motivation behind industry-academia collaboration in a comparative manner:

Universities	Industry
Enhancement of teaching and curriculum based on industry requirements	Sourcing latest technological advances
Funding/ financial resources	Qualified domain experts as discussion partners
Source of knowledge & empirical data	Advanced personnel resources/ Cost saving
Exposing students & faculty to relevant real world problems	Risk sharing for basic research
Enhancement of reputation	Establishing long term research projects
Placement opportunities for graduates	Recruiting channels

Table 6: Motivation for industry-academia collaboration for both the stakeholders

Impact of industry-academia collaboration

Universities are, or at least ought to be, prime repositories of up-to-date and advanced level knowledge in different fields. Especially in a knowledge society, industry and business are the main users and beneficiaries of such knowledge. Thus it can be perceived, as almost inevitable, for universities and industry to come together in a close, constructive collaboration to use such knowledge for mutual benefits and that of society.

The idea of universities to encourage entrepreneurial behavior to establish a pilot within the campus seems

much more feasible than industry straightway starting a fully-fledged commercial venture. It allows industry to try out any new, promising idea with the academic professionals providing research and consulting support to any problems that they may encounter.

Likely benefits from industry-academia collaboration:

For Industry: The opportunity to diversify their offerings (product & services) into exploring domains without risking critical levels of capital, the idea of working collaboratively with leading researchers, the ability to research in a pre-competitive environment of data exchange, updating and upgrading the knowledge base of the industry's professionals through management development programmes designed by the academia, faculty's exposure to industry leading to improved curricula and widened teaching perspectives resulting in professional graduates of a high caliber to man industry, are the key benefits that accrue to industry from partnering with academia.

For Academia: The satisfaction of seeing knowledge and expertise being used for socially valuable and productive purposes, widening and deepening of the curricula and the perspectives of teachers and researchers; earning additional resources for a system severely constrained in this regard; securing training and final placements more easily for students based on the respect earned from and the relationship established with industry are likely to be the key driving benefits.

Best practices of industry-academia collaboration

The dynamic growth of global economy demands continuous innovation to meet the challenges of today's competitive market landscape. The key to continuous innovation lies in industry's ability to identify the value of external knowledge partners, incorporate it and apply it at commercial level. University is one key external knowledge partner, when it comes to technology / knowledge transfer. However, studies show that focus on university research is directly selected and funded by industry. In order to move forward for mutual benefit, this has to be a two-way knowledge transfer process between the university research team and company's R&D department or company personnel managing the project. Based on extensive research which includes national and international case studies on industry-academia collaboration, the following best practices have been identified for successful collaboration of industry and academia:

1. **Defining the project's strategic context as part of the selection process**

   Industry-institute partnership needs to address the company's actual need and it must be aligned with the company's research and development strategy. If the partnership doesn't follow this, there's a high chance of failure of such a partnership as it will result in producing little or no results. There should be a clear vision within the company as to what will be the key role of the partner institute as well as a thought through outcome which is expected out of such partnership. University projects create a strong future continuing basis for collaboration when the projects are aligned with company's R&D and given high priority by company's leadership.

2. **Selection of boundary spinning project managers**

   Boundary spanners are company's personnel who play the main role in knowledge transfer from external sources and disperse the same within the organization. They are the bridge to industry and the partner institute. Thus selecting personnel suitable for the task is an important step towards successful outcome of industry-institute partnership. Boundary spanner managers have two specific key roles; the first role involves dispersion of research results and findings among the other company personnel who might be related to the project beyond the means of research. Second, they provide feedback to the institute research team to keep the research aligned with the company's need as well as institute's concern or requirement to the respective department in company.

3. **Share with university team the vision on how the collaboration can help the company**

   Academic research is more likely to have to positive impact on industry if the institute research team has strong knowledge of the business setting, company practices and how the research fits company strategy. In order for

such impact to happen, institute research team has to have some past experience of working in such an environment, which gives insights on how to proceed to align research results to company benefits. If the institute research team doesn't have any prior experience, then it is the company's responsibility to provide them with sufficient knowledge on how to move in the right direction which will benefit the company's existing strategy to the utmost. Often there is significant stress over secrecy and disclosure that industry faces while interacting with university but this stress can be overcome by creating a relationship of mutual interest and trust with the university.

4. **Invest in long term relationships**

Industry and academia work on research and development in significantly different time frames. Industry, on one hand, is driven by competitive markets and economic cycles and moves towards short duration research assignments. While on the other hand, academia research projects' duration depends largely on the time required for a graduate degree program (a year to two for master's degree and three to four years for a doctorate). Thus, there has to be an upfront discussion about the timeframe in which the research in industry-academia collaboration is expected to happen. The creation of multiyear programs addresses this mismatch by providing enough time to institute research teams to develop a better joint understanding of the research problems and a communication bridge between industry and academia to help them both in further communications. Long term projects also create pathways to initiate new projects in future as industry and academia have built an understanding of working together towards common goal, which will reduce the timeline of next project.

5. **Establish strong communication linkage with the university**

To move towards mutual benefits, it is advised to have strong communication platforms for regular interaction between both the stakeholders. If the industry research team visits the company and interacts with company personnel, it helps in understanding the expectations as well as findings of each other's work. The more often such visits occur, the better the impact is going to be. This also helps in building strong personal relationships. Timely planned telephonic and video communications are important in creating a common platform for building regular communication.

6. **Build broad awareness of the project within the company**

Promoting university research team's interactions with different functional areas such as manufacturing, product development, sales etc within the company can help enhance the research impact. This provides insights to the institute research team apart from the regular interaction with specific company personnel. With the broadening base within the industry, it promotes feedback to the university team on project alignment with company needs.

7. **Support the work internally both during the contract and after, until the research can be exploited**

Industry-institute collaboration success is defined not only by the timed deliverables and contract fulfillment but also by the creation of sustainable peer-to-peer relationship. Building a sustainable peer-to-peer relationship helps in building trust in the stakeholders to invest their time and capital in the future projects. Industry is responsible for providing appropriate internal support for technical and management oversight to institute research team. Industry should also include the results of such collaboration into the performance review of project managers which will encourage the ownership and commitment towards the collaboration. Establishing such practices within the company is more likely to result in people inside the industry taking necessary steps to accomplish opportunity delivered by the institute research team's output and ultimately increases the project's impact on industry.

Models of industry-academia collaborations

Depending on the timeline and requirement, industry-academia collaboration has various modes of partnerships among its stakeholders such as Industry, Faculty, Academic leaders, Students and Scholars. Over the years, academic institutions and corporations have forged a variety of partnerships, the most popular ones are:

1. Industry-Student collaboration

- **Classroom and curriculum activities,** such as corporate-sponsored training, corporate supported short-term projects; as well as courses, lectures and panel discussions taught by visiting professionals;
- **Employment opportunities,** including summer internships, more intensive co-op positions and other work-study opportunities for students;
- Industry sponsored competitions, with a focus on key challenges in industry practices, where project topics and awards are sponsored by a professional organization;
- **Short-term intensive workshops**, such as week-long or multi-week summer workshops that are taught by industry professionals in either campus or professional industrial settings with a focus on real-world technological issues;

2. Industry-Student-Faculty collaboration

- **Corporate-sponsored research projects,** where professors and students, who have more time and freedom to research, can explore topics that are applicable to the sponsor's core competency;
- **Student and faculty on-site opportunities,** including tours of respective industry and manufacturing facilities;
- **Professional conferences,** joint seminars and community organizations, designed to create knowledge exchange and networking between practitioners, educators and/or students;

3. Industry-Faculty-Academic leader collaboration

- **Corporate grants and philanthropic donations,** which enable universities to direct funds where they see fit and which provide companies with strong public relations stories;
- **Continuing education opportunities,** which enable working professionals in industry to gain the man-power training and knowledge up-gradation to meet the needs of the industry

4. Industry-Academic leader collaboration

- **Advisory boards**, that enable academic institutions to receive direction on program and curricula development from industry leaders and/or practicing alumni; and also vice versa, advisory boards where academic leaders offer visionary input on future research and development opportunities;
- **Liaison offices,** which ensure that connections between corporations and educators are created, maintained and grown.

All the modes of interface mentioned above are widely used world-wide to establish and enhance industry-academia partnerships. The stakeholders can be divided into various categories based on their roles in industry-academia collaboration.

Stakeholders	Role	Difinition
Academia	Knowledge Provider	Providing information and expertise to industry personnel
	Knowledge Provider	Receiving insights and inputs from industry personnal
	Resource Provider	Providing available resources such as students, faculty, research labs etc
Industry[2]	Sponsor	Fund provider for an activity under industry- academia collaboration
	Knowledge Provider	Providing information and expertise to academic personal
	Knowledge Provider	Receiving insight and inputs from academic personnal
	Resource Provider	Providing available resources such as latest technologies, infrastructure, SMEs etc
	Sponsor	Fund provider for an activity under industry- academia collaboration
Government	Initiator/ Catalyst	Bringing industry and academia together and providing the initial means such as seed money, infrastructure to establish industry- academia partnership
	Linker	Providing a platform to industry and academia to astablish industry-academia linkages

Table 7: Stakeholders mapping to their roles in industry-academia collaboration

US Chamber Foundation: Industry, Academia, and Government Collaboration: A Game Changer for U.S. Economic Future
[1] Michael Njogah, Gerald Mang'eni and Njeru Gatumu, University-Industry-Government Linkages for a 21st Century Global, Knowledge-Driven Economy: A Kenyan Perspective

The stakeholder mapping shown above can be understood with an example. For example, continuing education opportunity model constitutes of all the above three stakeholders in different roles with academia working as a knowledge provider, industry being the knowledge receiver and government being the linker among them and providing them a platform to do so. Government may or may not be a part of such collaboration. It completely depends on the nature of the collaboration. If it's a public private partnership, government will be playing a key role in it while if it's a private partnership, government may be excluded from the mode of collaboration.

Industry-academia collaboration: The US Model

Across the globe, universities are being positioned as strategic assets in innovation & economic competitiveness, and as a problem-solver for socio-economic issues affecting their countries. US has the strongest industrial policy in the world with the federal government playing a central role in funding research, while universities and private industry share the primary responsibility for delivering on the federal investment by bringing innovation and opportunity respectively. Even though the Federal Government still provides the bulk of university research funding, universities have adjusted to the decreasing role of the Federal Government in R&D funding by relying increasingly on non-federal funding sources and by engaging in collaborations with non-academic organizations. From the perspective of industry, joint research activities with academia support industrial research objectives and complement other aspects of industry-university relations, including most notably the hiring of graduates.

One such model for Industry-Academia collaboration is known as "Triple-Helix Model", comprising a spiral model of three helices such as, a) Government, b) University and c) Industry, which captures multiple reciprocal relationships at different points in the process of knowledge capitalization, also known as technology-transfer.

There are three dimensions of the triple helix model:

I. Internal transformation in each of the helices

II. Influence of one helix on another

III. Creation of new overlay of trilateral networks and organization from the interaction among the three helices, formed for the purpose of coming up with new ideas and formats for new developments.

Role of each helix, as broadly discussed in the triple helix model:

Government: Create enabling environment to:	University: To implement education so as to:	Industry
Increase investment in basic research	Standardize terms in sponsored research and licensing agreements	Public Private partnership for business development
Increase investment in translational research	Share expensive and advanced core facilities	Provide funding and new technology to universities
Invest in affordable education by strengthening federal investment in financial aid	Provide Commercialization in postdoctoral Opportunities	Empower future workforce through training
Invest in commercialization	Establish Science and Technology Parks	Provide business mentorship
Encourage innovation	Produce patents & publications	Provide employment opportunities

Table 8: Role of each helix in the triple-helix model

INDUSTRY-ACADEMIA COLLABORATION IN INDIA

History and Evolution of Industry-Academic Collaborations in India

Since independence great significance has been given to fulfilling the educational needs of rural and urban areas by the government of India. As per the National Education Policy (NPE 1986), Industry-institute linkage has been classified as a key factor contributing to economic as well as social development of the country. Indian higher education institutes aim to provide well-groomed and future ready man-power to the industry but industry needs to be involved in the affairs of academia to help improve the quality of man power. Industry-academia collaboration is a cohesive relationship, where inputs from each other are critical for mutual benefits.

Industry and academia have become more aware about industry-academia collaboration as a result of the liberalization of the Indian economy. Even with this awareness, the engagement between industry and academia is more tentative than real. Initially industry academia collaboration was a convenient concept rather than being a necessity. But the government has realized the alarming problem of consistently increasing numbers of unskilled & unemployed graduates due to existing pattern of education and disconnect from the industry. This situation calls for planned efforts to make the existing education system more meaningful for skill development in order to improve employability. On the other hand, impact of globalization on the Indian economy, emergence of free markets and the need for quality improvements to meet the ever changing consumer demands have forced the Indian industry to look for support from academia. As a result, government of India has adopted a concrete strategy and taken positive steps to encourage active partnerships between industry and academia. The HEIs have been asked to change their curricula to introduce add-on courses and provide on the job training in association with industry. MoHRD, AICTE and Department of Science and Technology (DST) have been funding projects to improve industrial relevance in research and innovation for HEIs. For the first time HEIs have been asked to generate their own financial resources by the government. The overall scenario suggests that industry and academia have to come together for mutual benefits.

Policy directives, committees and councils promoting industry academia collaborations

Indian Education Policy Documents

After independence the Indian government took the first initiative towards education by introducing **National Education Policy (1986)**[4] and later on its modified policy which is known as **Plan of Action (POA)**[5] in 1992. Introduction of NPE 1986 called for radical restructuring and equalize educational opportunities in order to achieve national integration and greater cultural and economic development. As per the NPE (1986), institutes are advised to design their curricula in keeping with the needs of society and industry. Institute and industry are required to work in collaboration towards mutual interest via the means of; exchanging knowledge, resources & training facilities and bridging the gaps with planning and implementation of common grounds.

Under **NPE (1986)**, the national technical manpower information system was set up by the government of India in order to evaluate the industry-academia linkages in terms of: monitoring utilization of technically skilled man-power in industry as well as; supply of skilled man-power by universities in order to meet the industry requirements. The **NPE 1986 & POA 1992** state that, technical and management education system should be clustered with industry for mutual interests such as; interrelated projects, human resource development, value added services and for contributing towards national economy and improving the quality of life. The objective clearly specifies the enhanced focus on establishing strong industry-university linkage while keeping the welfare of society in mind with such arrangements. It also stresses upon the need of research and development in higher education as means to innovate and provide new knowledge to the human capital, an essential part of dynamic educational progress.

Policies introduced by Government of India to encourage industry-academia collaboration

Over the years government of India has rolled out various policy statements to improve the industry-institute relationships to ensure maximum use of resources at both end.

The Department of Science & Technology (DST), which was established in 1971, plays a key role in promotion of science & technology in the country. DST rolled out **'Technology Policy Statement in 1993'**[6] which states that the focus will largely be on the polytechnics, technical, vocational and engineering institutes to launch specific programs for training the students to upgrade technical and human skills. The institutes are advised to take help from industry personnel to make this effort possible. Pursuit of R&D as career will be encouraged and government will take concrete measures to help the R&D departments in institutes as well as industry. The DST policy statement 1993, had introduced various steps for strengthening this collaboration:

a) Funding national laboratories and academic institutions through linked projects;

b) Promoting university-industry linkages by diverse means, including adjunct positions for necessary personnel;

c) Encouraging use of national laboratory facilities and their expertise by industrial units by way of contract research projects appropriately paid for by the industry;

d) Developing the consortium approach involving academic institution, national laboratories, including those of the mission agencies namely, Department of Atomic Energy, Space, and Defense Research and Development, wherever feasible, and the user industry, for goal oriented programmes and new product development;

e) Facilitating easy mobility of personnel among universities, laboratories, industry (including R&D institutions connected with industry), and the Ministries; and

f) Assigning multi-dimensional responsibility to the existing technical institutions.

In continuation to Technology Policy statement 1993, DST is now following the **Science and Technology Policy 2003** and its implementation plan to focus on advancing technology for societal and economical benefits with a commercial mind set.

National Skill Development Agency (NSDA)

Working population in India is continuously increasing and will continue to do so for another three decades till 2040, according to the World Bank. In order to ensure this population is gainfully employed in the coming years, the Government of India has adopted skill development as a national priority over the next 10 years. In 2013, Government of India setup NSDA as the key coordinating body in skill development efforts of the government and the private sector. NSDA is the main coordinating body for skill development in the country and has been tasked with the responsibility of streamlining, rationalizing and integrating the skill development efforts across various ministries and departments in the centre and state. Any proposal related to skill development would require the NSDA viewpoint to be considered before the same can be put up before the Cabinet or any committee of the Cabinet for approval.

National Skill Qualification Framework (NSQF)

In India, general education, vocational education & training have been working as separate verticals for a long time. In order to facilitate mobility between the two verticals, National Skill Qualification Framework (NSQF) was launched by Government of India in 2013. NSQF has been built on two draft frameworks, namely National Vocation Education Qualification Framework (NVEQF) prepared by MHRD and National Vocational Qualification Framework (NVQF) prepared by MoLE (Ministry of Labour and Employment). NSQF is a quality assurance framework, which organizes qualifications according to a series of levels of knowledge, skills and aptitude. NSQF levels can be defined as the learning outcomes that a learner must possess regardless of the way these outcomes have been acquired. This may be through formal or non-formal education. The lack in uniformity in qualifications across institutions leads to a problem in establishment of equivalence of certificates/ diplomas/degrees in different parts of India which in turn impacts the employment and mobility of the students. NSQF helps in tackling this challenge and shifting the emphasis to skill building in both general as well as vocational education. There are 10

certificate levels in the framework, with the entry level being 1, and the highest level being 10. This enables a person to acquire desired competency levels, transit to the job market and, at an opportune time, return for acquiring additional skills to further upgrade competencies.

Key stakeholders of Industry-Academia Collaborations

- **Government:** Government organizations such as MoHRD, AICTE, UGC and Govt. Educational Institutions such as IITs, IIMs and NITs
- **Non-government:** Private educational institutions such as Amity University etc and non-government, industry-led organization such CII
- **Industry:** Large, medium and small scale enterprises' contributions to industry-academia linkages

Key focus areas, trends and modes of Industry-Academic Collaborations in India

The Ministry of Human Resource & Development (MoHRD) has always been very focused on improving the standards of higher education in India. Over the years, the government has worked on various initiatives to bridge the gap between industry and academia.

MoHRD, in partnership with the Confederation of Industry (CII) conducted an international workshop on Academia-Industry Collaboration in March 2013 to establish and enhance industry-institute relationship with the presence of industry and academic representatives. Mr. MM Pallam Raju, the then Minister of HRD (2013), stated that "as per the global trends and market requirements, academia needed closer collaboration with industry in India." The current linkage between industry and academia requires strengthening as majority of the projects which are being shared among industry and academia are of short duration. Thus, there is a need for a much more sustainable and elaborate, structured plan for spontaneous development which will be mutually beneficial for industry, academia as well as the government. As a share of GDP, India's R&D expenditure is only 1 per cent as against the target of at least 4 per cent if double digit GDP growth is to be achieved. Currently, the majority of research funding (75-80 per cent) is coming from the public sector, while only 20-25 per cent share is from private sector and 3 per cent share is from academic sector, which shows an urgent need for the involvement of private sector in this area not just in terms of funding but also in skill development, innovation and entrepreneurship. As a result of the workshop, government has decided to take concrete steps towards top end research and skill building to enhance industry-academia collaboration in the following areas:

Research and innovation

Institute research can be linked with industry products to enhance industry-academia collaboration. Curriculum reform is one of the key methods to seek active involvement and support of industry in shaping academic programs to make students industry adaptable from day one. Distance education programs through industry can help the M.Tech and PhD students with industry exposure which will result in their overall development. Public private partnership models are encouraged by industry and academia to build and strengthen industry-institute partnerships. Both government and the non-government sectors are actively involved in building linkages between industry and academia as mentioned below:

Academia Industry Interface Council and Imprint

The MHRD is setting up an academia-industry interface council to encourage high end research, improving the quality of teaching and employability in the higher education institutes in India. The private sector can cooperate with institutes to help them with various funding requirements for research purposes. Along with this, private sector can help in faculty development, infrastructure creation, governance, student scholarships and enhancing skill sets of the graduates to improve employability prospects. The government has also launched an Imprint programme with a funding of Rs 1,000 crore to promote research and make industry and institutes real collaborators.

Centers of Excellence

A Centre of Excellence (CoE) is expected to be a collaborative activity between a team of high quality researchers in the institution and researchers or

research-users in several companies or organizations. In case where the nature of research is related to production or improvement of public goods, collaboration may include appropriate public agencies. Based on the qualifying criteria Government of India will be setting up 20 new CoE.

Technology Development Mission (TDM)

TDM was initiated in 1993 in all IITs and IISCs to commence a national effort towards technology development with direct involvement and participation of industries. Several mission projects, with well-defined goals, milestones and deliverables were identified in areas of national importance. Two or more academic institutions and industries collaborated in most of the mission projects. MHRD funded these projects worth Rs 50 Crore. The most important aspect of this mission was a significant effort on the part of the Government in encouraging industry-institute interaction as well as assisting industry in developing the latest technology. This was the first time that mission oriented programs were successfully under taken jointly with industry. The TDM was successful and highly appreciated in the National Steering Committee meeting of the Planning Commission held on August 06, 1999 at New Delhi.

Non-government University Programs

Private education institutes also play a key role in industry-academia collaborations by entering into partnerships with the industry and government. For example, SRM University has established a separate cell named as Industry Institute Interaction Cell (IIIC) to build closer linkages with industry. The purpose of IIIC is to support industry needs, research, and consultancy, provide continuing education to people working in industry and have more industry contribution towards teaching and governance. SRM University has partnered with various industries to encourage joint research, real time industry projects and short & long-term student training programs. Few of such partnerships are with Meterno Pvt Ltd, Sharma Centre for Heritage Education, Bosch Ltd, Bosch Rexroth Media Ltd, and Yaleo India Pvt Ltd etc. A lot of private universities are coming out of their comfort zones to build strong industry linkages for mutual interest.

Entrepreneurship

Entrepreneurs shape economic destiny of nations by creating wealth and employment, offering products and services, and generating taxes for governments. That is why entrepreneurship has closely been linked to economic growth in the literature on the subject. Entrepreneurs convert ideas into economic opportunities through innovations which are considered to be major source of competitiveness in an increasingly globalizing economy. Therefore, most governments in the world strive to augment supply of competent and globally competitive entrepreneurs in their respective countries. India is a young country with 63 per cent of the population in the working age group of 15 to 59 years. This factor is in its favor as studies have found that nascent entrepreneurship prevalence rates to be highest in the 25-34 age group. To encourage these entrepreneurs, various initiatives have been introduced by the government as well as non-government organizations:

National Entrepreneurship Policy

Introduced in 2009, the mission of the entrepreneurship policy is; 'To create an eco-system in India wherein opportunity based and innovative entrepreneurship germinates, sustains and grows leading to creation of a more dynamic and 'entrepreneurial economy'. The objectives of the policy are to trigger entrepreneurial culture in society and encourage people in entrepreneurship; create awareness about the benefits of being an entrepreneur and the process of entrepreneurship amongst the young population; and support early phase of entrepreneurship developments including pre-start-up activities as well as growth aspects post start-up. This policy is to be revised in 2015.

Start-Up Village Entrepreneurship Program

The Government of India has decided to launch this program to encourage young population in rural India towards entrepreneurship. Start-up village entrepreneurship program is going to be a part of Ajeevika, the National Rural Livelihood Mission (NRLM), which aims to eliminate rural poverty through sustainable livelihood options. A total sum of Rs 100 crore is to be provided by the Government of India to help young entrepreneurs.

CII - India Innovation Initiative (i3)

CII in collaboration with AICTE, DST and Government of India has launched India Innovation Initiative. This initiative encourages individual innovators in entrepreneurship by connecting them with organizations for funding, technology refinement and marketing support. This initiative is for all innovators in India, above the age of 18 years for all professional background such as students, professors, industry professionals, individuals or grassroots innovators.

Skill Building and Employability

A large number of youth in the age group of 20-24 does not possess the required skills which challenges in finding decent employment. Only 5 per cent of the Indian labour force in the age group of 20-24 has obtained the vocational skills through formal education. This trend calls for industry-institute collaboration to provide students with the required skill sets in order to ensure meaningful employment and getting job-ready employees for the industry. Summer internships and industrial visits are integral components of skill building exercises of curriculum wherein industry and institutes play a key role is preparing future graduates. However, these efforts cater to only a small proportion of the group mentioned above. To encourage skill development, Government of India has introduced specific skills qualification frameworks, which allow a person to obtain skill sets through vocation education. Also, private institutes are beginning to play an active role in various schemes started by industry. Few of such initiatives are mentioned below:

National Vocational Education Quality Framework (NVEQF)

Launched by AICTE in 2012, NVEQF allows institutes to conduct seven certification levels with each level having approximately 1000 contact hours. These 1000 contact hours are further distributed among different skill enhancement and general learning modules. After completion of 5 certification levels, a diploma is granted while on completion of all the seven levels, a degree is granted in vocational education in the university system. NVEQF allows the student to learn a new skill set along with pursuing general education. This ultimately ensures a complete multi-entry-exit system between vocational education, general education and the job market.

National Employability Enhancement Mission (NEEM)

MoHRD will launch NEEM through AICTE to offer on the job practical training to enhance employability of persons either pursuing degree/diploma in any technical or non-technical stream or someone who has discontinued the degree/diploma course. Any society/trust/company which is registered under section 25 of the Company Act 1956* will be eligible to become a NEEM agent. The duration of the training program may range from 3 months to 24 months. This framework will provide the opportunity to companies and entrepreneurs to provide employability skills and internship as value added propositions to students in different fields.

AICTE is currently running a NEEM program with BSNL to train students of electronics & communication in training centers of BSNL. The program is expected to yield industry ready students with practical exposure to latest industry equipments. Based on the engagement with the program students will be awarded platinum, gold and silver certifications.

National Skill Development Corporation (NSDC)

National Skill Development Corporation (NSDC) is a NSDA approved public-private partnership entity in India. It aims to promote skill development by providing funding to enterprises, companies and organizations that provide skill training. It also develops appropriate models to enhance, support and coordinate private sector initiatives. NSDC consists of 15 board members, 6 of which are from government sector while the remaining 9 are from private sector. NSDC plays two major roles which are; providing funding as loan or equity to private sector initiatives working towards skill development and; enabling support services to skill development institutes in terms of curriculum enhancement, faculty training, student placement mechanisms and technology platform. NSDC collaborates with academicians to provide working professionals with required managerial and organizational skills. NSDC provides a platform to public and private sector to work towards skill development.

Apart from the initiatives mentioned above, MHRD has decided to set up several new higher education institutes in tier 2 and tier 3 cities under Technical Education Quality Improvement Program (TEQIP) to

promote academic excellence and networking of institutes with industry to enhance student quality and resource sharing. Government of India has announced launching of 20 new IIITs during the academia-industry collaboration workshop. With the expansion of domestic IT market and challenges faced by Indian IT industry, the demand for skilled graduates is increasing rapidly. To fulfill this demand, 20 new IIITs will be established on a Not-for-profit Public Private Partnership (N-PPP) basis to encourage technical education in the country.

Initiatives of private institutes towards skills development

With dynamic changes in global economy and constant need for product improvisation in competitive markets have forced industries to invest in their R&D departments. It is easier for companies to take up a pilot at the institute level rather than launch a full commercialized scheme involving high risk. Industries are willing to collaborate with institutes for mutual benefits. Many IT companies are already partnering with engineering colleges and universities. Industries from other sectors are also collaborating with industry to educate graduates and making then future ready.

Companies like Wipro, Infosys, IBM, Toyota, Cisco etc are starting different initiatives to provide the right skill sets to the future graduates. These cases are just a glimpse of industry partnerships with institutes. Wipro has started an education program called Wipro Academy of Software Excellence (WASE) in collaboration with BITS Pilani. Pedagogy and evaluation methods are chosen and implemented by BITS in consultation with Wipro Talent Transformation division. The faculty is arranged by BITS and on successful completion of the program MS/M.Tech degree is awarded by the institute. WASE offers B.Sc, BCA and BCM graduates the opportunity to take up an MS/M.Tech course after graduation without having to complete an engineering degree. Students gain industry exposure and develop technical skills by working on live industry projects. It's a way for students to move from a graduate degree to a career in IT.

Infosys has launched Campus Connect in May 2004, to align the education imparted at various engineering colleges, with industry requirements. The Campus Connect program offers seminars, competence development programs for students and faculty, industry projects, case studies and faculty exchange programs with Infosys. Along with this, a campus connect portal provides Infosys courseware to prepare new recruits to global industry-ready standards. Timely faculty and students contest are held to allow students and faculty to showcase their expertise and ideas.

IBM Academic Initiative has launched an innovative program, named Project Praviin to partner with institutes in India to enable students for a more skilled and competitive IT workforce. It is a no-charge program providing educators with training material, curriculum guides, software and hardware needed to teach in-demand business and technology skills. The objective is to ensure industry ready certified students, providing necessary infrastructure to partner with institutes as well as building a self sustaining model to ensure a continuous stream of competent skills in the market. IBM has established more than 150 CoEs across India under this initiative.

To ensure that only the highest level of automotive professionals work on Toyota vehicles, Toyota has partnered with industrial and technical training institutes all across India to create the Toyota Technical Education Program (T-TEP). Over 3000 students from these institutes have benefited from this program in the last six years, with over 600 students undergoing training on the latest automotive technology and service techniques every year. With the help of T-TEP, training institutes are able to develop a highly skilled technical workforce, creating greater career prospects in the automotive service industry. This is a first of its kind curriculum in India, developed in partnership with State Government which provides students with unique skills in automotive accident repair.

The Cisco Network Academy (NetAcad) helps the collaborating institutes to incorporate key topics in their curricula to help students gain industry relevant expertise in IT knowledge and networking skills. Cisco has launched entry level certification program Cisco Certified Entry Network Technician (CCENT) to enable students with technical backgrounds equip themselves for growing industrial needs.

Private institutes initiatives towards skills development

On one hand, industry helps institutes in building skill sets in their future graduates via the means of

internships and industrial visits. On the other hand, institutes also help in skill development of industry employees by providing continuous education opportunities in terms of specific designed programs for industry professionals. For example, BITS Pilani has introduced WILP (Work Integrated Learning Program). WILP is a partnership between BITS Pilani and industry to design degree programs for employees to suit the learning and development needs of the industry. WILP offers both B.Tech and M.Tech programs. For execution of the program, contact sessions are held at the company premises with content being delivered through online learning management systems. WILP also provides access to digital libraries and other online resources. To help employees understand the industry better; assignments, case studies, projects and dissertations are drawn from the work environment.

Amity University has signed a MoU with TATA motors and NSDC under Prime Minister's skill development program 2015. This will be a training program for working managers of TATA motors to enhance their managerial skills before they go into the work field.

Institutional Mechanisms

Identification of successful institutional models that effectively facilitate industry-academia collaborations in areas like research, innovation, entrepreneurship, and skill and employability development is a key factor to forge linkages between industry and academia for mutual benefits. Few of such initiatives are mentioned below:

Council for Industry and Higher Education Collaboration (CIHEC)

MoHRD along with representatives from academia such as IITs, NITs, IIMs, and IIITs and from industry such as CII, FICCI, PHDCCI and ASSOCHAM constituted CIHEC in December 2014. The key objective of CIHEC is to increase the employability quotient of institutes by making their graduates 'job-ready' from day one. The current university curriculum helps in building student's analytical and critical thinking but active participation from industry is vital to develop required skill set to find meaningful employment.

Industry Innovation Clusters

National Innovation Council will establish Cluster Innovation Centres (CIC) to bring out the needs of industry and institutes on a single platform and allowing them to help each other. CIC will be connecting hubs, which will connect the stakeholders based on the demand of innovation and sharing of knowledge and resources. CIC can be very effective in encouraging cross fertilization of different organizations and will result in removing traditional barriers. NIC will be providing seed funding for these CICs. CIC will be acting as a hub for ecosystem and will ensure that the innovation cluster sustains.

India Innovation Portal

The India Innovation Portal is set up by National Innovation Council. The portal is an information aggregator and the key idea is to set up a one stop shop of innovation for various users from academia, industry, government, civil society and entrepreneurs. The portal presents the users with resources for various innovation needs such as Funding, Policy, Intellectual Property Rights and Innovation Toolkits. The portal also offers a common platform to its users to form innovation communities, to foster discussions on ideas and knowledge flows.

Funding Mechanism

Government of India has been helping institutes with their R&D funding requirements through UGC, AICTE, CSIR, DRDO, DSIR and several other government departments working towards area specific research. The key idea is to encourage academic professionals to do quality research. Few of such initiatives are mentioned in the following paragraphs.

Incubation Centers by Government of India

AICTE has initiated a scheme under which Rs one crore will be provided to selected 100 institutes for starting an incubation centre within the campus. Institutes which are 20 years old will be considered for this scheme. The institute will need to provide 2500-3000 square feet on the campus for setting up of the incubation center. The key idea is to encourage students and faculty towards research. Students and faculty will be trained and encouraged to use resources from industry to update their knowledge. IIT Madras Research Park is one of such example. The initial funding will be provided by the government but later on the research park would be expected to generate its own revenue and raise resources from the private sector.

CII - Prime Minister's Fellowship Scheme for Doctoral Research

Launched in 2014, it's a public-private partnership to

encourage aspiring PhD students to perform industrial research in the area of science, technology, engineering, agricultural and medicine. The scheme will support 100 research fellows with a scholarship up to Rs six lacs per annum, where 50 per cent of the scholarship is provided by government while the remaining 50 per cent is provided by the CII member companies. The scheme is aimed at encouraging, talented and enthusiastic scholars to take industry relevant research and provide results.

Manipal University Technology Business Incubator (MUTBI)

Along with various industry partnerships, Manipal University has launched Manipal University Technology Business Incubator (MUTBI) which is funded by the National Science & Technology Entrepreneurship Development Board (NSTEDB), DST to promote innovation-driven start-ups. MUTBI provides the environment, infrastructural support and critical mentoring during the first three years of setting up a new venture to the aspiring entrepreneurs.

Ideas and Insights: Subject Matter Experts' (Industry Leaders, Distinguished Professors) view's on Industry-Academia Collaborations

Key challenges faced in Industry-Academia Linkages

Industry-academia collaboration can provide several opportunities to industry and institutes to move in the direction of mutual benefit. However, there are number of issues and challenges that are involved with such collaborations, that one should be aware of in order to make this partnership more successful to both organizations. It must be noted that issues discussed in the following paragraphs are a result of secondary research and findings of discussions held in regard to industry-academia collaboration. The challenges are to be looked upon as an opportunity rather than an impediment to such collaborations.

Lack of Suitable Forum for Industry-Academia Collaboration

Though broader and general platforms are available to facilitate such collaboration but lack of a suitable platform at institute level to facilitate industry partnerships is a key challenge. This leads to difficulties in matching the different communication styles and functions.

Outcome-Impact Gap

Academic research is driven by the impact it will have on the global research community and the success is largely measured by the number of publications. Whereas in companies, research is driven by the impact it will have on the company and measure of success are largely based on the short and long term value it creates for the company. With time the academicians tend to become too conceptual and too far removed from the real world problems that the industry might be facing. On the other hand, industry is faced with basic level problems day-in and day-out, often not letting the conceptualization skill to develop. And without proper conceptualization there can really be no research. Academicians focus on long term challenges, thus moving a bit slower than the industry's time sensitive project developments, which end up creating an outcome-impact gap between these two.

Industry negligence towards negative results

Industry is often unwilling to publish negative results of a research or clinical trial on their product considering the consequences that literature records might influence their product marketing. While the academicians follow the practice of keeping all the results in literature to help them improve the results in future. This can creates a huge contradiction between the two stakeholders.

Industry Best Practices Vs Academia Best Practices

Industry adopts an academic practice and modifies that to best fit their organization. These customized practices may make the original practice more efficient, thereby making the practices better fit to the real world. But sometimes academicians may have a hard time accepting these advances and learning's, provided by their industry partners.

Differences in working methodology

Academia often assumes the industry's role being limited to the funding needs of academic research, which results in discounting a potential contribution from the industry partners. Academicians are often critical to industry research quality and practices due to constrained nature of research with industry interference. This constraint can also be considered as a loss of freedom enjoyed in academia with little opportunity to explore less obvious research topics.

The challenges are to be looked upon as an opportunity rather than an impediment to such collaborations. These challenges are to be considered as key areas motivating industry-academia collaboration.

APPENDIX

LIST OF PARTICIPATING INSTITUTES

S. No	Name of Institute	AICTE Region	Category
	Architecture/Planning		
1	ANDHRA UNIVERSITY COLLEGE OF ENGINEERING	South-Central	Silver
2	B.M.S.COLLEGE OF ENGINEERING	South-West	Silver
3	BIRLA INSTITUTE OF TECHNOLOGY	Eastern	Silver
4	COLLEGE OF ARCHITECTURE IET BHADDAL	North-West	Gold
5	COLLEGE OF ENGINEERING AND TECHNOLOGY	Eastern	Silver
6	DAYANANDA SAGAR COLLEGE OF ENGINEERING	South-West	Silver
7	DEENBANDHU CHHOTU RAM UNIVERSITY OF SCI AND TECH	North-West	Silver
8	FACULTY OF TECHNOLOGY & ENGINEERING, THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA	Central	Silver
9	FORTH DIMENSION COLLEGE OF ARCHITECTURE	Northern	Silver
10	GIANI ZAIL SINGH COLLEGE OF ENGINEERING & TECHNOLOGY, BATHINDA	North-West	Gold
11	JADAVPUR UNIVERSITY	Eastern	Gold
12	M. S. RAMAIAH INSTITUTE OF TECHNOLOGY	South-West	Silver
13	MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE	Central	Silver
14	R.V.S. EDUCATIONAL TRUST'S GROUP OF INSTITUTIONS R.V.S. SCHOOL OF ENGINEERING & TECHNOLOGY, R.V.S. SCHOOL OF BUSINESS MANAGEMENT, R.V.S. SCHOOL OF COMPUTER APPLICATION	Southern	Gold
15	RAJIV GANDHI INSTITUTE OF TECHNOLOGY,KOTTAYAM	South-West	Silver
16	SIDDAGANGA INSTITUTE OF TECHNOLOGY	South-West	Silver
17	THAPAR POLYTECHNIC COLLEGE	North-West	Silver
18	THAPAR UNIVERSITY	North-West	Silver
19	THIAGARAJAR COLLEGE OF ENGINEERING	Southern	Platinum
20	UNIVERSITY VISVESVARAYA COLLEGE OF ENGINEERING	South-West	Silver
	Chemical Engineering and Allied		
1	ACHARYA INSTITUTE OF TECHNOLOGY	South-West	Gold
2	ADHIPARASAKTHI ENGINEERING COLLEGE	Southern	Gold
3	ANDHRA UNIVERSITY COLLEGE OF ENGINEERING	South-Central	Gold
4	ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES	South-Central	Gold
5	B V BHOOMARADDI COLLEGE OF ENGINEERING & TECHNOLOGY	South-West	Gold
6	B V V SANGHA'S BASAVESHWAR ENGINEERING COLLEGE BAGALKOT	South-West	Platinum
7	B.M.S.COLLEGE OF ENGINEERING	South-West	Gold
8	BANNARI AMMAN INSTITUTE OF TECHNOLOGY	Southern	Platinum
9	BEANT COLLEGE OF ENGINEERING & TECHNOLOGY,GURDASPUR	North-West	Gold
10	BHARATI VIDYAPEETH DEEMED UNIVERSITY COLLEGE OF ENGINEERING	Western	Gold
11	BIRLA INSTITUTE OF TECHNOLOGY	Eastern	Gold
12	BUNDELKHAND INSTITUTE OF ENGINEERING & TECHNOLOGY JHANSI	Northern	Silver
13	CENTRAL INSTITUTE OF PLASTICS ENGINEERING & TECHNOLOGY	Northern	Silver
14	CENTRAL INSTITUTE OF PLASTICS ENGINEERING & TECHNOLOGY	South-West	Gold
15	CENTRAL INSTITUTE OF PLASTICS ENGINEERING & TECHNOLOGY LUCKNOW	Northern	Silver
16	COCHIN UNIVERSITY OF SCIENCE AND TECHNOLOGY	South-West	Gold
17	D.K.T.E. SOCIETY'S TEXTILE & ENGINEERING INSTITUTE	Western	Platinum
18	DAYANANDA SAGAR COLLEGE OF ENGINEERING	South-West	Gold
19	DEENBANDHU CHHOTU RAM UNIVERSITY OF SCI AND TECH	North-West	Silver
20	DR BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY LONERE	Western	Gold
21	ERODE SENGUNTHAR ENGINEERING COLLEGE	Southern	Platinum
22	FACULTY OF TECHNOLOGY & ENGINEERING, THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA	Central	Silver
23	FACULTY OF TECHNOLOGY & ENGINEERING, THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA	Central	Gold
24	GAYATRI VIDYA PARISHAD COLLEGE OF ENGINEERING	South-Central	Gold
25	GIANI ZAIL SINGH COLLEGE OF ENGINEERING & TECHNOLOGY, BATHINDA	North-West	Gold
26	GMR INSTITUTE OF TECHNOLOGY	South-Central	Gold
27	GOKARAJU RANGARAJU INSTITUTE OF ENGINEERING & TECHNOLOGY(E&T)	South-Central	Gold
28	GOVERNMENT COLLEGE OF ENGINEERING,SALEM	Southern	Gold
29	GOVERNMENT ENGINEERING COLLEGE, SECTOR-28	Central	Silver
30	GOVERNMENT INSTITUTE OF CERAMIC TECHNOLOGY	South-Central	Gold
31	GOVERNMENT POLYTECHNIC BELLARY	South-West	Silver
32	GOVERNMENT POLYTECHNIC BUDAUN	Northern	Silver
33	GOVERNMENT POLYTECHNIC COLLEGE, KALAMASRERY	South-West	Gold
34	GOVERNMENT POLYTECHNIC FOR MINORITIES	South-Central	Silver
35	GOVERNMENT POLYTECHNIC PANAJI	Western	Gold
36	GOVT. ENGINEERING COLLEGE, KOZHIKODE	South-West	Silver
37	GOVT.POLYTECHNIC COLLEGE FOR GIRLS JALANDHAR	North-West	Gold
38	GURU JAMBHESHWAR UNIVERSITY OF SCIENCE & TECHNOLOGY	North-West	Gold
39	HALDIA INSTITUTE OF TECHNOLOGY	Eastern	Gold
40	HERITAGE INSTITUTE OF TECHNOLOGY	Eastern	Gold
41	INSTITUTE OF CHEMICAL TECHNOLOGY	Western	Platinum

S. No	Name of Institute	AICTE Region	Category
42	INSTITUTE OF ENGINEERING & TECHNOLOGY, MJP ROHILKHAND UNIVERSITY	Northern	Silver
43	INSTITUTE OF ENGINEERING AND TECHNOLOGY	Northern	Silver
44	INSTITUTE OF ENGINEERING AND TECHNOLOGY	South-West	Silver
45	ITM GROUP OF INSTITUTIONS (TECHNICAL CAMPUS)	Central	Gold
46	JADAVPUR UNIVERSITY	Eastern	Gold
47	JAYA ENGINEERING COLLEGE	Southern	Gold
48	JNTUA COLLEGE OF ENGINEERING	South-Central	Silver
49	JNTUH COLLEGE OF ENGINEERING HYDERABAD		Silver
50	K.S.RANGASAMY COLLEGE OF TECHNOLOGY	Southern	Silver
51	KARMAVEER KAKASAHEB WAGH POLYTECHNIC, NASHIK	Western	Gold
52	KONGU ENGINEERING COLLEGE	Southern	Platinum
53	KUMARAGURU COLLEGE OF TECHNOLOGY	Southern	Silver
54	M. S. RAMAIAH INSTITUTE OF TECHNOLOGY	South-West	Gold
55	MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE	Central	Gold
56	MAHARASHTRA INSTITUTE OF TECHNOLOGY	Western	Gold
57	MAHATMA GANDHI INSTITUTE OF TECHNOLOGY	South-Central	Gold
58	MEERUT INSTITUTE OF ENGINEERING & TECHNOLOGY	Northern	Gold
59	MEPCO SCHLENK ENGINEERING COLLEGE	Southern	Gold
60	MOHANDAS COLLEGE OF ENGINEERING AND TECHNOLOGY	South-West	Gold
61	MVJ COLLEGE OF ENGINEERING	South-West	Gold
62	P.A.C. RAMASAMY RAJA POLYTECHNIC COLLEGE	Southern	Platinum
63	PADMABHOOSHAN VASANTRAODADA PATIL INSTITUTE OF TECHNOLOGY	Western	Gold
64	PADMABHOOSHAN VASANTRAODADA PATIL INSTITUTE OF TECHNOLOGY	Western	Gold
65	PADMASRI DR B V RAJU INSTITUTE OF TECHNOLOGY	South-Central	Silver
66	POLYTECHNIC, THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA	Central	Gold
67	PONDICHERRY ENGINEERING COLLEGE	Southern	Silver
68	PSG COLLEGE OF TECHNOLOGY	Southern	Platinum
69	PSG POLYTECHNIC COLLEGE	Southern	Platinum
70	R.V.R.& J.C.COLLEGE OF ENGINEERING	South-Central	Platinum
71	RAJALAKSHMI ENGINEERING COLLEGE (ENGINEERING & TECHNOLOGY)	Southern	Gold
72	S.D.M. COLLEGE OF ENGINEERING & TECHNOLOGY	South-West	Gold
73	SANT LONGOWAL INSTITUTE OF ENGINEERING & TECHNOLOGY	North-West	Silver
74	SANT LONGOWAL INSTITUTE OF ENGINEERING & TECHNOLOGY	North-West	Gold
75	SATARA POLYTECHNIC,SATARA	Western	Gold
76	SETH JAI PARKASH MUKAND LAL INSTITUTE OF ENGINEERING & TECHNOLOGY	North-West	Gold
77	SHAHEED BHAGAT SINGH STATE TECHNICAL CAMPUS	North-West	Gold
78	SHRI VAISHNAV INSTITUTE OF TECHNOLOGY & SCIENCE,	Central	Gold
79	SHRI VILE PARLE KELAVANI MANDAL'S DWARKADAS J. SANGHVI COLLEGE OF ENGINEERING	Western	Gold
80	SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY	South-West	Silver
81	SIDDAGANGA INSTITUTE OF TECHNOLOGY	South-West	Gold
82	SINHGAD COLLEGE OF ENGINEERING	Western	Gold
83	SRI JAYACHAMARAJENDRA COLLEGE OF ENGINEERING	South-West	Gold
84	SRI VENKATESWARA COLLEGE OF ENGINEERING	Southern	Gold
85	SRI VENKATESWARA UNIVERSITY COLLEGE OF ENGINEERING	South-Central	Gold
86	THADOMAL SHAHANI ENGINEERING COLLEGE	Western	Silver
87	THANTHAI ROEVER INSTITUTE OF POLYTECHNIC COLLEGE	Southern	Gold
88	THAPAR UNIVERSITY	North-West	Gold
89	THIAGARAJAR POLYTECHNIC COLLEGE	Southern	Platinum
90	TKM COLLEGE OF ENGINEERING	South-West	Gold
91	UNITED COLLEGE OF ENGINEERING & RESEARCH	Northern	Silver
92	UNIVERSITY COLLEGE OF TECHNOLOGY		Gold
93	UNIVERSITY INSTITUTE OF CHEMICAL ENGINEERING AND TECHNOLOGY	North-West	Gold
94	UNIVERSITY INSTITUTE OF CHEMICAL TECHNOLOGY, NORTH MAHARASHTRA UNIVERSITY, JALGAON	Western	Gold
95	V. V. P. ENGINEERING COLLEGE	Central	Gold
96	VEERMATA JIJABAI TECHNOLOGICAL INSTITUTE	Western	Gold
97	VEL TECH HIGH TECH DR.RANGARAJAN DR.SAKUNTHALA ENGINEERING COLLEGE	Southern	Platinum
98	VIDYA PRASARAK MANDAL'S POLYTECHNIC, THANE	Western	Silver
99	VISHWAKARMA INSTITUTE OF TECHNOLOGY	Western	Gold
	Civil Engineering and Allied		
1	SONA COLLEGE OF TECHNOLOGY	Southern	Platinum
2	A.A.N.M. & V.V.R.S.R. POLYTECHNIC	South-Central	Gold
3	ADHIPARASAKTHI ENGINEERING COLLEGE	Southern	Gold
4	ALAGAPPA CHETTIAR COLLEGE OF ENGINEERING AND TECHNOLOGY	Southern	Gold
5	AMRUTVAHINI COLLEGE OF ENGINEERING, SANGAMNER	Western	Gold

S. No	Name of Institute	AICTE Region	Category
6	ANDHRA POLYTECHNIC	South-Central	Silver
7	ANDHRA UNIVERSITY COLLEGE OF ENGINEERING	South-Central	Gold
8	B V BHOOMARADDI COLLEGE OF ENGINEERING & TECHNOLOGY	South-West	Gold
9	B V V SANGHA'S BASAVESHWAR ENGINEERING COLLEGE BAGALKOT	South-West	Gold
10	B. V. V. S. POLYTECHNIC,BAGALKOT.	South-West	Gold
11	B.M.S.COLLEGE OF ENGINEERING	South-West	Gold
12	BANNARI AMMAN INSTITUTE OF TECHNOLOGY	Southern	Gold
13	BHARATI VIDYAPEETH DEEMED UNIVERSITY COLLEGE OF ENGINEERING	Western	Gold
14	BIRLA INSTITUTE OF TECHNOLOGY	Eastern	Gold
15	BIRLA VISHVAKARMA MAHAVIDYALAYA	Central	Gold
16	BUNDELKHAND INSTITUTE OF ENGINEERING & TECHNOLOGY JHANSI	Northern	Silver
17	CAMBRIDGE INSTITUTE OF TECHNOLOGY	Eastern	Silver
18	CHANDY POLYTECHNIC COLLEGE	Southern	Silver
19	CHOUKSEY ENGINEERING COLLEGE	Central	Silver
20	COCHIN UNIVERSITY OF SCIENCE AND TECHNOLOGY	South-West	Gold
21	COIMBATORE INSTITUTE OF TECHNOLOGY	Southern	Gold
22	COLLEGE OF ENGINEERING AND TECHNOLOGY	Eastern	Gold
23	COLLEGE OF ENGINEERING, PUNE	Western	Gold
24	DACG GOVERNMENT POLYTECHNIC	South-West	Silver
25	DESH BHAGAT ENGINEERING COLLEGE	North-West	Silver
26	DIBRUGARH POLYTECHNIC	Eastern	Gold
27	DR. AMBEDKAR INSTITUTE OF TECHNOLOGY	South-West	Silver
28	DR. S. & S. S. GHANDHY GOVERNMENT ENGINEERING COLLEGE, SURAT.	Central	Silver
29	ERODE SENGUNTHAR ENGINEERING COLLEGE	Southern	Gold
30	FACULTY OF TECHNOLOGY & ENGINEERING, THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA	Central	Silver
31	G. H. RAISONI COLLEGE OF ENGINEERING, NAGPUR.	Western	Gold
32	G.B.PANT ENGINEERING COLLEGE	Northern	Silver
33	GAYATRI VIDYA PARISHAD COLLEGE OF ENGINEERING	South-Central	Gold
34	GIANI ZAIL SINGH COLLEGE OF ENGINEERING & TECHNOLOGY, BATHINDA	North-West	Gold
35	GMR INSTITUTE OF TECHNOLOGY	South-Central	Gold
36	GOVERNMENT COLLEGE OF ENGINEERING KANNUR	South-West	Silver
37	GOVERNMENT COLLEGE OF ENGINEERING, AMRAVATI	Western	Gold
38	GOVERNMENT COLLEGE OF ENGINEERING, AURANGABAD (ACADEMIC AUTONOMOUS)	Western	Gold
39	GOVERNMENT COLLEGE OF ENGINEERING, KARAD	Western	Gold
40	GOVERNMENT COLLEGE OF ENGINEERING,SALEM	Southern	Gold
41	GOVERNMENT COLLEGE OF TECHNOLOGY	Eastern	Silver
42	GOVERNMENT COLLEGE OF TECHNOLOGY	Southern	Silver
43	GOVERNMENT CPC POLYTECHNIC	South-West	Silver
44	GOVERNMENT ENGINEERING COLLEGE BILASPUR	Central	Silver
45	GOVERNMENT POLYTECHNIC	South-West	Silver
46	GOVERNMENT POLYTECHNIC BELLARY	South-West	Silver
47	GOVERNMENT POLYTECHNIC CHINTAMANI	South-West	Silver
48	GOVERNMENT POLYTECHNIC COLLEGE, KALAMASRERY	South-West	Gold
49	GOVERNMENT POLYTECHNIC EDUCATION SOCIETY MANESAR	North-West	Silver
50	GOVERNMENT POLYTECHNIC GAUCHAR	Northern	Silver
51	GOVERNMENT POLYTECHNIC LOHAGHAT	Northern	Silver
52	GOVERNMENT POLYTECHNIC NAGPUR	Western	Gold
53	GOVERNMENT POLYTECHNIC PANAJI	Western	Silver
54	GOVERNMENT POLYTECHNIC PUNE	Western	Gold
55	GOVERNMENT POLYTECHNIC, CHHOTAUDEPUR	Central	Silver
56	GOVERTNMENT POLYTECHNIC, GAYA	Northern	Silver
57	GOVT. ENGG. COLLEGE, JAGDALPUR, BASTAR, CHHATTISGARH	Central	Silver
58	GOVT. POLYTECHNIC HAMIRPUR	North-West	Silver
59	GOVT.POLYTECHNIC	South-West	Silver
60	GOVT.POLYTECHNIC COLLEGE ALWAR	North-West	Silver
61	GOVT.POLYTECHNIC COLLEGE,PERINTHALMANNA	South-West	Gold
62	GURU JAMBHESHWAR UNIVERSITY OF SCIENCE & TECHNOLOGY	North-West	Gold
63	GURU NANAK DEV ENGINEERING COLLEGE	North-West	Gold
64	GURU NANAK DEV POLYTECHNIC COLLEGE	North-West	Silver
65	HRH THE PRINCE OF WALES INSTITUTE OF ENGG. & TECH.,	Eastern	Silver
66	INSTITUTE OF ENGINEERING AND TECHNOLOGY	Northern	Silver
67	JADAVPUR UNIVERSITY	Eastern	Gold
68	JAYA ENGINEERING COLLEGE	Southern	Gold
69	JNTUA COLLEGE OF ENGINEERING	South-Central	Gold

S. No	Name of Institute	AICTE Region	Category
69	JNTUA COLLEGE OF ENGINEERING	South-Central	Gold
70	JNTUH COLLEGE OF ENGINEERING HYDERABAD		Gold
71	JNTUH INSTITUTE OF SCIENCE AND TECHNOLOGY	South-Central	Silver
72	JSS POLYTECHNIC FOR WOMEN	South-West	Silver
73	K.L.N. COLLEGE OF INFORMATION TECHNOLOGY	Southern	Gold
74	K.L.NAGASWAMY MEMORIAL POLYTECHNIC COLLEGE	Southern	Gold
75	K.L.S. GOGTE INSTITUTE OF TECHNOLOGY	South-West	Gold
76	K.S.RANGASAMY COLLEGE OF TECHNOLOGY	Southern	Gold
77	KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE	South-Central	Gold
78	KAMLA NEHRU INSTITUTE OF TECHNOLOGY , SULTANPUR	Northern	Gold
79	KARMAVEER KAKASAHEB WAGH POLYTECHNIC, NASHIK	Western	Gold
80	KASEGAON EDUCATION SOCIETYS RAJARAMBAPU INSTITUTE OF TECHNOLOGY	Western	Platinum
81	KONGU ENGINEERING COLLEGE	Southern	Platinum
82	KUMARAGURU COLLEGE OF TECHNOLOGY	Southern	Gold
83	LAKSHMI NARAIN COLLEGE OF TECHNOLOGY	Central	Silver
84	LUKHDHIRJI ENGINEERING COLLEGE	Central	Gold
85	M. S. RAMAIAH INSTITUTE OF TECHNOLOGY	South-West	Gold
86	M.B.T.S. GOVERNMENT POLYTECHNIC	South-Central	Silver
87	MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE	Central	Gold
88	MAHARASHTRA INSTITUTE OF TECHNOLOGY	Western	Gold
89	MALLA REDDY ENGINEERING COLLEGE	South-Central	Gold
90	MALNAD COLLEGE OF ENGINEERING	South-West	Silver
91	MARATHWADA INSTITUTE OF TECHNOLOGY	Western	Silver
92	MEPCO SCHLENK ENGINEERING COLLEGE	Southern	Gold
93	MIZORAM POLYTECHNIC	Eastern	Silver
94	MJP GOVERNMENT POLYTECHNIC COLLEGE, KHANDWA	Central	Silver
95	MOTICHAND LENGADE BHARATESH POLYTECHNIC	South-West	Silver
96	MURUGAPPA POLYTECHNIC COLLEGE	Southern	Gold
97	MUTHAYAMMAL POLYTECHNIC COLLEGE	Southern	Silver
98	MUTHIAH POLYTECHNIC COLLEGE	Southern	Silver
99	MVJ COLLEGE OF ENGINEERING	South-West	Gold
100	NAGARJUNA COOLEGE OF ENGINEERING & TECHNOLOGY	South-West	Silver
101	NATIONAL INSTITUTION OF TECHNICAL TEACHERS' TRAINING & RESEARCH	North-West	Silver
102	NMAM INSTITUTE OF TECHNOLOGY, NITTE	South-West	Silver
103	ORISSA ENGINEERING COLLEGE	Eastern	Silver
104	P.A.C. RAMASAMY RAJA POLYTECHNIC COLLEGE	Southern	Platinum
105	P.E.S. COLLEGE OF ENGINEERING, MANDYA	South-West	Gold
106	PAAVAI ENGINEERING COLLEGE	Southern	Platinum
107	PADMABHOOSHAN VASANTRAODADA PATIL INSTITUTE OF TECHNOLOGY	Western	Silver
108	PADMABHOOSHAN VASANTRAODADA PATIL INSTITUTE OF TECHNOLOGY	Western	Gold
109	PARUL INSTITUTE OF ENGINEERING & TECHNOLOGY	Central	Gold
110	PARUL INSTITUTE OF ENGINEERING & TECHNOLOGY (DIPLOMA STUDIES)	Central	Platinum
111	POLYTECHINC COLLEGE NOWGONG	Central	Silver
112	POLYTECHNIC, THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA	Central	Silver
113	PONDICHERRY ENGINEERING COLLEGE	Southern	Silver
114	PROF. RAM MEGHE INSTITUTE OF TECHNOLOGY AND RESEARCH	Western	Gold
115	PSNA COLLEGE OF ENGINEERING AND TECHNOLOGY , DINDIGUL	Southern	Gold
116	QULI QUTUB SHAH GOVERNMENT POLYTECHNIC	South-Central	Silver
117	R.V. COLLEGE OF ENGINEERING	South-West	Gold
118	R.V.R.& J.C.COLLEGE OF ENGINEERING	South-Central	Gold
119	RAJIV GANDHI INSTITUTE OF TECHNOLOGY,KOTTAYAM	South-West	Silver
120	RAO BAHADUR Y MAHABALESWARAPPA ENGINEERING COLLEGE	South-West	Silver
121	S J C INSTITUTE OF TECHNOLOGY	South-West	Gold
122	S.D.M. COLLEGE OF ENGINEERING & TECHNOLOGY	South-West	Gold
123	SAINTGITS COLLEGE OF ENGINEERING	South-West	Gold
124	SAKTHI POLYTECHNIC COLLEGE	Southern	Platinum
125	SAMRAT ASHOK TECHNOLOGICAL INSTITUTE	Central	Silver
126	SARDAR PATEL COLLEGE OF ENGINEERING	Western	Platinum
127	SCMS SCHOOL OF ENGINEERING & TECHNOLOGY	South-West	Gold
128	SEIKALATHUR KAMATCHI AMMAN POLYTECHNIC COLLEGE	Southern	Silver
129	SHANTILAL SHAH ENGINEERING COLLEGE	Central	Silver
130	SHREE TAPI BRAHMCHARYASHRAM SABHA COLLEGE OF DIPLOMA ENGINEERING	Central	Gold
131	SHRI G.S.INSTITUTE OF TECH. & SCIENCE	Central	Gold
132	SHRI GURU GOBIND SINGHJI INSTITUTE OF ENGINEERING AND TECHNOLOGY	Western	Gold
133	SHRI PRINCE SHIVAJI MARATHA BOARDING HOUSE'S NEW POLYTECHNIC	Western	Gold
134	SIDDAGANGA INSTITUTE OF TECHNOLOGY	South-West	Gold
135	SINHGAD COLLEGE OF ENGINEERING	Western	Gold

S. No	Name of Institute	AICTE Region	Category
136	SMT.L.V.(GOVT.) POLYTECHNIC	South-West	Silver
137	SRI JAYACHAMARAJENDRA COLLEGE OF ENGINEERING	South-West	Gold
138	SRI NALLALAGHU POLYTECHIC COLLEGE	Southern	Silver
139	SRI SIDDHARTHA INSTITUTE OF TECHNOLOGY	South-West	Silver
140	SRI TARALABALU JAGADGURU INSTITUTE OF TECHNOLOGY	South-West	Silver
141	SRI VENKATESHWARA COLLEGE OF ENGINEERING	South-West	Gold
142	SRI VENKATESHWARA POLYTECHNIC	South-West	Silver
143	SRI VENKATESWARA UNIVERSITY COLLEGE OF ENGINEERING	South-Central	Gold
144	THANTHAI ROEVER INSTITUTE OF POLYTECHNIC COLLEGE	Southern	Silver
145	THAPAR POLYTECHNIC COLLEGE	North-West	Gold
146	THAPAR UNIVERSITY	North-West	Gold
147	THE NATIONAL INSTITUTE OF ENGINEERING	South-West	Gold
148	THE OXFORD COLLEGE OF ENGINEERING	South-West	Silver
149	THE OXFORD POLYTECHNIC	South-West	Silver
150	THIAGARAJAR COLLEGE OF ENGINEERING	Southern	Platinum
151	THIAGARAJAR POLYTECHNIC COLLEGE	Southern	Platinum
152	TKM COLLEGE OF ENGINEERING	South-West	Gold
153	UNIVERSITY COLLEGE OF ENGINGEERING KAKINADA	South-Central	Gold
154	UNIVERSITY VISVESVARAYA COLLEGE OF ENGINEERING	South-West	Silver
155	V.K.R & V.N.B POLYTECHNIC	South-Central	Silver
156	V.R.S. COLLEGE OF ENGINEERING AND TECHNOLOGY	Southern	Silver
157	V.V.SANGHA'S POLYTECHNIC	South-West	Silver
158	VASAVI COLLEGE OF ENGINEERING	South-Central	Platinum
159	VEERMATA JIJABAI TECHNOLOGICAL INSTITUTE	Western	Gold
160	VEL TECH HIGH TECH DR.RANGARAJAN DR.SAKUNTHALA ENGINEERING COLLEGE	Southern	Platinum
161	VELAGAPUDI RAMAKRISHNA SIDDHARTHA ENGINEERING COLLEGE	South-Central	Gold
162	VIDYA BHAWAN POLYTECHNIC COLLEGE	North-West	Silver
163	VIVEKANANDA COLLEGE OF ENGINEERING AND TECHNOLOGY	South-West	Silver
164	VNR VIGNANA JYOTHI INSTITUTE OF ENGINEERING & TECHNOLOGY	South-Central	Platinum
165	WALCHAND COLLEGE OF ENGINEERING	Western	Gold
166	WALCHAND INSTITUTE OF TECHNOLOGY	Western	Platinum
167	YESHWANTRAO CHAVAN COLLEGE OF ENGINEERING	Western	Gold
168	YOUNUS COLLEGE OF ENGINEERING AND TECHNOLOGY	South-West	Silver

S. No	Name of Institute	AICTE Region	Category
	Computer & IT Engineering and Allied		
1	DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS INSTITUTE OF ENGINEERING AND TECHNOLOGY - BHADDAL	North-West	Gold
2	SONA COLLEGE OF TECHNOLOGY	Southern	Platinum
3	A.A.N.M. & V.V.R.S.R. POLYTECHNIC	South-Central	Gold
4	A.D.J.DHARMAMBAL POLYTECHNIC COLLEGE	Southern	Gold
5	A.D.PATEL INSTITUTE OF TECHNOLOGY	Central	Gold
6	ABDUL RAZZAK KALSEKAR POLYTECHNIC	Western	Silver
7	ABES ENGINEERING COLLEGE	Northern	Platinum
8	ACHARYA INSTITUTE OF TECHNOLOGY	South-West	Platinum
9	ACROPOLIS INSTITUTE OF TECHNOLOGY AND RESEARCH	Central	Gold
10	ADHIPARASAKTHI ENGINEERING COLLEGE	Southern	Gold
11	ADI SHANKARA INSTITUTE OF ENGINEERING AND TECHNOLOGY	South-West	Gold
12	ADITYA INSTITUTE OF TECHNOLOGY AND MANAGEMENT	South-Central	Silver
13	ADVANCED TECHNICAL TRAINING CENTRE	Eastern	Gold
14	AJAY KUMAR GARG ENGINEERING COLLEGE	Northern	Platinum
15	ALAGAPPA CHETTIAR COLLEGE OF ENGINEERING AND TECHNOLOGY	Southern	Gold
16	ALL INDIA SHRI SHIVAJI MEMORIAL SOCIETY'S INSTITUTE OF INFORMATION TECHNOLOGY	Western	Gold
17	AMAL JYOTHI COLLEGE OF ENGINEERING	South-West	Gold
18	AMITY SCHOOL OF ENGINEERING & TECHNOLOGY	North-West	Gold
19	AMRITSAR COLLEGE OF ENGINEERING & TECHNOLOGY, AMRITSAR	North-West	Gold
20	AMRUTVAHINI COLLEGE OF ENGINEERING, SANGAMNER	Western	Gold
21	ANAND INSTITUTE OF HIGHER TECHNOLOGY	Southern	Gold
22	ANDHRA POLYTECHNIC	South-Central	Silver
23	ANDHRA UNIVERSITY COLLEGE OF ENGINEERING	South-Central	Gold
24	ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES	South-Central	Gold
25	ANURAG ENGINEERING COLLEGE	South-Central	Gold
26	ARASAN GANESAN POLYTECHNIC COLLEGE	Southern	Gold
27	ARMY INSTITUTE OF TECHNOLOGY	Western	Gold
28	AUDISANKARA COLLEGE OF ENGINEERING & TECHNOLOGY	South-Central	Silver
29	AURORA'S SCIENTIFIC, TECHNOLOGICAL&RESEARCH ACADEMY		Silver
30	B V BHOOMARADDI COLLEGE OF ENGINEERING & TECHNOLOGY	South-West	Gold
31	B V V SANGHA'S BASAVESHWAR ENGINEERING COLLEGE BAGALKOT	South-West	Gold

S. No	Name of Institute	AICTE Region	Category
32	B. P. PODDAR INSTITUTE OF MANAGEMENT & TECHNOLOGY	Eastern	Gold
33	B. V. V. S. POLYTECHNIC,BAGALKOT.	South-West	Gold
34	B.G.S INSTITUTE OF TECHNOLOGY	South-West	Gold
35	B.M.S.COLLEGE OF ENGINEERING	South-West	Platinum
36	BABU BANARSI DAS INSTITUTE OF TECHNOLOGY	Northern	Gold
37	BALAJI INSTITUTE OF TECHNOLOGY & SCIENCE	South-Central	Gold
38	BALLARI INSTITUTE OF TECHNOLOGY & MANAGEMENT	South-West	Gold
39	BANNARI AMMAN INSTITUTE OF TECHNOLOGY	Southern	Gold
40	BEANT COLLEGE OF ENGINEERING & TECHNOLOGY,GURDASPUR	North-West	Gold
41	BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY	South-Central	Silver
42	BHARATHIDASAN ENGINEERING COLLEGE	Southern	Silver
43	BHARATHIDASAN INSTITUTE OF MANAGEMENT	Southern	Silver
44	BHARATI VIDYAPEETH DEEMED UNIVERSITY COLLEGE OF ENGINEERING	Western	Gold
45	BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING KOLHAPUR	Western	Silver
46	BIRLA INSTITUTE OF TECHNOLOGY	Eastern	Gold
47	BIRLA VISHVAKARMA MAHAVIDYALAYA	Central	Gold
48	BMS INSTITUTE OF TECHNOLOGY & MANAGEMENT	South-West	Gold
49	BTL POLYTECHNIC	South-West	Silver
50	BUNDELKHAND INSTITUTE OF ENGINEERING & TECHNOLOGY JHANSI	Northern	Gold
51	C.V.RAMAN COLLEGE OF ENGINEERING	Eastern	Gold
52	CAMBRIDGE INSTITUTE OF TECHNOLOGY	Eastern	Gold
53	CHANDIGARH ENGINEERING COLLEGE	North-West	Gold
54	CHOUKSEY ENGINEERING COLLEGE	Central	Silver
55	CMR INSTITUTE OF TECHNOLOGY	South-West	Gold
56	COCHIN UNIVERSITY OF SCIENCE AND TECHNOLOGY	South-West	Gold
57	COIMBATORE INSTITUTE OF ENGINEERING AND TECHNOLOGY	Southern	Gold
58	COLLEGE OF ENGINEERING & MANAGEMENT, KOLAGHAT	Eastern	Silver
59	COLLEGE OF ENGINEERING AND TECHNOLOGY	Eastern	Gold
60	COLLEGE OF ENGINEERING KARUNAGAPPALLY	South-West	Gold
61	COLLEGE OF ENGINEERING PERUMON	South-West	Gold
62	COLLEGE OF ENGINEERING TRIKARIPUR	South-West	Silver
63	COLLEGE OF ENGINEERING, CHERTHALA	South-West	Gold
64	COLLEGE OF ENGINEERING, THALASSERY	South-West	Gold

S. No	Name of Institute	AICTE Region	Category
59	COLLEGE OF ENGINEERING AND TECHNOLOGY	Eastern	Gold
60	COLLEGE OF ENGINEERING KARUNAGAPPALLY	South-West	Gold
61	COLLEGE OF ENGINEERING PERUMON	South-West	Gold
62	COLLEGE OF ENGINEERING TRIKARIPUR	South-West	Silver
63	COLLEGE OF ENGINEERING, CHERTHALA	South-West	Gold
64	COLLEGE OF ENGINEERING, THALASSERY	South-West	Gold
65	COLLEGE OF ENGINEERING, VADAKARA	South-West	Gold
66	COLLEGE OF TECHNOLOGY AND ENGINEERING	North-West	Silver
67	D.K.T.E. SOCIETY'S TEXTILE & ENGINEERING INSTITUTE	Western	Gold
68	DAYANANDA SAGAR COLLEGE OF ENGINEERING	South-West	Gold
69	DAYANANDA SAGAR INSTITUTE OF TECHNOLOGY (POLYTECHNIC)	South-West	Silver
70	DEENBANDHU CHHOTU RAM UNIVERSITY OF SCI AND TECH	North-West	Gold
71	DEPARTMENT OF COMPUTE SCIENCE AND INFORMATION TECHNOLOGY	North-West	Silver
72	DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING	Southern	Gold
73	DESH BHAGAT ENGINEERING COLLEGE	North-West	Silver
74	DESH BHAGAT INSTITUTE OF ADVANCED COMPUTER SCIENCES	North-West	Platinum
75	DHAANISH AHMED COLLEGE OF ENGINEERING	Southern	Gold
76	DISHA INSTITUTE OF MANAGEMENT AND TECHNOLOGY (BE)	Central	Gold
77	DON BOSCO COLLEGE	South-West	Gold
78	DR BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY LONERE	Western	Gold
79	DR. AMBEDKAR INSTITUTE OF TECHNOLOGY	South-West	Gold
80	DR.MAHALINGAM COLLEGE OF ENGINEERING AND TECHNOLOGY	Southern	Platinum
81	DRIEMS	Eastern	Silver
82	DRONACHARYA COLLEGE OF ENGINEERING	North-West	Platinum
83	EASWARI ENGINEERING COLLEGE	Southern	Platinum
84	ENGINEERING COLLEGE,AJMER	North-West	Gold
85	ERODE SENGUNTHAR ENGINEERING COLLEGE	Southern	Platinum
86	FACULTY OF TECHNOLOGY & ENGINEERING, THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA	Central	Gold
87	FRANCIS XAVIER ENGINEERING COLLEGE	Southern	Gold
88	G. H. RAISONI COLLEGE OF ENGINEERING, NAGPUR.	Western	Platinum
89	G.B.PANT ENGINEERING COLLEGE	Northern	Silver
90	GANDHI INSTITUTE FOR TECHNOLOGICAL ADVANCEMENT (GITA), BHUBANESWAR	Eastern	Gold

S. No	Name of Institute	AICTE Region	Category
80	DR.MAHALINGAM COLLEGE OF ENGINEERING AND TECHNOLOGY	Southern	Platinum
81	DRIEMS	Eastern	Silver
82	DRONACHARYA COLLEGE OF ENGINEERING	North-West	Platinum
83	EASWARI ENGINEERING COLLEGE	Southern	Platinum
84	ENGINEERING COLLEGE,AJMER	North-West	Gold
85	ERODE SENGUNTHAR ENGINEERING COLLEGE	Southern	Platinum
86	FACULTY OF TECHNOLOGY & ENGINEERING, THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA	Central	Gold
87	FRANCIS XAVIER ENGINEERING COLLEGE	Southern	Gold
88	G. H. RAISONI COLLEGE OF ENGINEERING, NAGPUR.	Western	Platinum
89	G.B.PANT ENGINEERING COLLEGE	Northern	Silver
90	GANDHI INSTITUTE FOR TECHNOLOGICAL ADVANCEMENT (GITA), BHUBANESWAR	Eastern	Gold
91	GAYATRI VIDYA PARISHAD COLLEGE OF ENGINEERING	South-Central	Gold
92	GEETHANJALI COLLEGE OF ENGINEERING AND TECHNOLOGY	South-Central	Gold
93	GIANI ZAIL SINGH COLLEGE OF ENGINEERING & TECHNOLOGY, BATHINDA	North-West	Gold
94	GMR INSTITUTE OF TECHNOLOGY	South-Central	Gold
95	GOKARAJU RANGARAJU INSTITUTE OF ENGINEERING & TECHNOLOGY(E&T)	South-Central	Gold
96	GOVERNMENT COLLEGE OF ENGINEERING KANNUR	South-West	Gold
97	GOVERNMENT COLLEGE OF ENGINEERING, AMRAVATI	Western	Gold
98	GOVERNMENT COLLEGE OF ENGINEERING, AURANGABAD (ACADEMIC AUTONOMOUS)	Western	Gold
99	GOVERNMENT COLLEGE OF ENGINEERING, KARAD	Western	Gold
100	GOVERNMENT COLLEGE OF ENGINEERING,BARGUR	Southern	Gold
101	GOVERNMENT COLLEGE OF ENGINEERING,SALEM	Southern	Gold
102	GOVERNMENT COLLEGE OF TECHNOLOGY	Eastern	Silver
103	GOVERNMENT CPC POLYTECHNIC	South-West	Silver
104	GOVERNMENT ENGINEERING COLLEGE	Central	Silver
105	GOVERNMENT ENGINEERING COLLEGE BILASPUR	Central	Silver
106	GOVERNMENT ENGINEERING COLLEGE IDUKKI	South-West	Silver
107	GOVERNMENT ENGINEERING COLLEGE SREEKRISHNAPURAM	South-West	Silver
108	GOVERNMENT ENGINEERING COLLEGE, AT.KATPUR, PATAN	Central	Gold
109	GOVERNMENT ENGINEERING COLLEGE, SECTOR-28	Central	Silver
110	GOVERNMENT ENGINEERING COLLEGE, WAYANAD	South-West	Gold
111	GOVERNMENT INSTITUTE OF PRINTING TECHNOLOGY	South-Central	Silver
112	GOVERNMENT POLYTECHNIC	South-West	Silver
113	GOVERNMENT POLYTECHNIC BELLARY	South-West	Silver
114	GOVERNMENT POLYTECHNIC CHINTAMANI	South-West	Silver
115	GOVERNMENT POLYTECHNIC COLLEGE, KALAMASRERY	South-West	Gold
116	GOVERNMENT POLYTECHNIC FOR WOMEN, SRINAGAR	North-West	Silver
117	GOVERNMENT POLYTECHNIC GAUCHAR	Northern	Silver
118	GOVERNMENT POLYTECHNIC LOHAGHAT	Northern	Silver
119	GOVERNMENT POLYTECHNIC NAGPUR	Western	Gold
120	GOVERNMENT WOMEN'S POLYTECHNIC COLLEGE BHOPAL	Central	Gold
121	GOVERNMENT WOMEN'S POLYTECHNIC COLLEGE, NEDUPUZHA, THRISSUR	South-West	Silver
122	GOVERTNMENT POLYTECHNIC, GAYA	Northern	Silver
123	GOVT. COLLEGE OF ENGINEERING AND TEXTILE TECHNOLOGY, BERHAMPORE	Eastern	Gold
124	GOVT. ENGG. COLLEGE, JAGDALPUR, BASTAR, CHHATTISGARH	Central	Silver
125	GOVT. ENGINEERING COLLEGE, BARTON HILL	South-West	Gold
126	GOVT. POLYTECHNIC COLLEGE FOR GIRLS	North-West	Silver
127	GOVT. POLYTECHNIC HAMIRPUR	North-West	Silver
128	GOVT.POLYTECHNIC	South-West	Silver
129	GOVT.POLYTECHNIC COLLEGE FOR GIRLS JALANDHAR	North-West	Silver
130	GSSS INSTITUTE OF ENGINEERING & TECHNOLOGY FOR WOMEN	South-West	Gold
131	GURU GOBIND SINGH POLYTECHNIC, NASHIK	Western	Gold
132	GURU JAMBHESHWAR UNIVERSITY OF SCIENCE & TECHNOLOGY	North-West	Silver
133	GURU NANAK DEV ENGINEERING COLLEGE	North-West	Gold
134	GURU NANAK DEV POLYTECHNIC COLLEGE	North-West	Silver
135	GURU NANAK INSTITUTE OF TECHNOLOGY		Gold
136	GURU NANAK INSTITUTIONS TECHNICAL CAMPUS	South-Central	Gold
137	GURU RAMDAS KHALSA INSTITUTE OF SCIENCE AND TECHNOLOGY (MCA)	Central	Gold
138	GURU RAMDAS KHALSA INSTITUTE OF SCIENCE & TECHNOLOGY	Central	Gold
139	GURUNANAK INSTITUTE OF TECHNOLOGY	Eastern	Gold
140	H.V.P.MANDAL'S COLLEGE OF ENGINEERING & TECHNOLOGY	Western	Gold
141	HALDIA INSTITUTE OF TECHNOLOGY	Eastern	Gold
142	HERITAGE INSTITUTE OF TECHNOLOGY	Eastern	Gold
143	HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY	Southern	Gold
144	HMR INSTITUTE OF TECHNOLOGY AND MANAGEMENT	North-West	Silver

S. No	Name of Institute	AICTE Region	Category
145	HMS INSTITUTE OF TECHNOLOGY	South-West	Gold
146	IFET COLLEGE OF ENGINEERING	Southern	Gold
147	INSTITUTE OF ENGINEERING & TECHNOLOGY	North-West	Gold
148	INSTITUTE OF ENGINEERING & TECHNOLOGY, MJP ROHILKHAND UNIVERSITY	Northern	Silver
149	INSTITUTE OF ENGINEERING & TECHNOLOGY-BHADDAL (ROPAR)	North-West	Gold
150	INSTITUTE OF ENGINEERING AND TECHNOLOGY	South-West	Silver
151	INSTITUTE OF ENGINEERING AND TECHNOLOGY	Northern	Gold
152	INSTITUTE OF ENVIRONMENT AND MANAGEMENT	Northern	Silver
153	INSTITUTE OF PRINTING TECHNOLOGY AND GOVERNMENT POLYTECHNIC COLLEGE	South-West	Silver
154	INTER INSTITUTIONAL COMPUTER CENTRE	Western	Silver
155	INTERNATIONAL INSTITUTE FOR SPECIAL EDUCATION	Northern	Gold
156	INTERNATIONAL INSTITUTE OF INFORMATION TECHNOLOGY BANGALORE	South-West	Gold
157	ITM GROUP OF INSTITUTIONS (TECHNICAL CAMPUS)	Central	Gold
158	JADAVPUR UNIVERSITY	Eastern	Gold
159	JAN NAYAK CH. DEVI LAL MEMORIAL COLLEGE OF ENGINEERING	North-West	Silver
160	JAYA ENGINEERING COLLEGE	Southern	Gold
161	JIS COLLEGE OF ENGINEERING	Eastern	Gold
162	JNANAVIKAS INSTITUTE OF TECHNOLOGY	South-West	Silver
163	JNTUA COLLEGE OF ENGINEERING	South-Central	Gold
164	JNTUH COLLEGE OF ENGINEERING HYDERABAD		Gold
165	JNTUH INSTITUTE OF SCIENCE AND TECHNOLOGY	South-Central	Silver
166	JODHPUR INSTITUTE OF ENGINEERING & TECHNOLOGY	North-West	Gold
167	JSS POLYTECHNIC FOR WOMEN	South-West	Gold
168	K.J. SOMAIYA INSTITUTE OF ENGINEERING & INFORMATION TECHNOLOGY	Western	Gold
169	K.L.N. COLLEGE OF INFORMATION TECHNOLOGY	Southern	Platinum
170	K.L.N.COLLEGE OF ENGINEERING	Southern	Gold
171	K.L.NAGASWAMY MEMORIAL POLYTECHNIC COLLEGE	Southern	Gold
172	K.L.S. GOGTE INSTITUTE OF TECHNOLOGY	South-West	Gold
173	K.S.RANGASAMY COLLEGE OF TECHNOLOGY	Southern	Gold
174	K.S.RANGASAMY COLLEGE OF TECHNOLOGY - MCA	Southern	Gold
175	KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE	South-Central	Gold
176	KAMLA NEHRU INSTITUTE OF TECHNOLOGY , SULTANPUR	Northern	Gold
177	KARMAVEER KAKASAHEB WAGH POLYTECHNIC, NASHIK	Western	Gold
178	KARPAGAM COLLEGE OF ENGINEERING	Southern	Gold
179	KASEGAON EDUCATION SOCIETYS RAJARAMBAPU INSTITUTE OF TECHNOLOGY	Western	Gold
180	KCG COLLEGE OF TECHNOLOGY	Southern	Gold
181	KHADER MEMORIAL COLLEGE OF ENGINEERING & TECHNOLOGY	South-Central	Silver
182	KIET GROUP OF INSTITUTIONS	Northern	Gold
183	KIRODIMAL INSTITUTE OF TECHNOLOGY	Central	Silver
184	KLS INSTT. OF MGT., EDUCATION & RESEARCH	South-West	Silver
185	KMEA ENGINEERING COLLEGE	South-West	Silver
186	KONGU ENGINEERING COLLEGE	Southern	Platinum
187	KUMARAGURU COLLEGE OF TECHNOLOGY	Southern	Gold
188	LAKSHMI NARAIN COLLEGE OF TECHNOLOGY	Central	Gold
189	LBS INSTITUTE OF TECHNOLOGY FOR WOMEN	South-West	Gold
190	LOYOLA INSTITUTE OF TECHNOLOGY	Southern	Gold
191	LUKHDHIRJI ENGINEERING COLLEGE	Central	Gold
192	M S ENGINEERING COLLEGE	South-West	Gold
193	M. S. RAMAIAH INSTITUTE OF TECHNOLOGY	South-West	Gold
194	M.KUMARASAMY COLLEGE OF ENGINEERING	Southern	Platinum
195	MAAMALLAN INSTITUTE OF TECHNOLOGY	Southern	Gold
196	MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE	South-Central	Gold
197	MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE	Central	Gold
198	MAHARAJA AGRASEN INSTITUTE OF TECHNOLOGY	North-West	Gold
199	MAHARASHTRA ACADEMY OF ENGINEERING AND EDUCATIONAL RESEARCH, MIT COLLEGE OF ENGINEERING, PUNE	Western	Platinum
200	MAHARASHTRA INSTITUTE OF TECHNOLOGY	Western	Gold
201	MAHATMA GANDHI INSTITUTE OF TECHNOLOGY	South-Central	Gold
202	MALLA REDDY COLLEGE OF ENGINEERING & TECHNOLOGY		Silver
203	MANAV RACHNA COLLEGE OF ENGINEERING	North-West	Gold
204	MARATHWADA INSTITUTE OF TECHNOLOGY	Western	Silver
205	MATSYODARI SHIKSHAN SANSTHA'S COLLEGE OF ENGINEERING AND TECHNOLOGY, JALNA	Western	Silver
206	MCKV INSTITUTE OF ENGINEERING	Eastern	Gold
207	MEERUT INSTITUTE OF ENGINEERING & TECHNOLOGY	Northern	Gold
208	MEHR CHAND POLYTECHNIC COLLEGE	North-West	Gold
209	MEPCO SCHLENK ENGINEERING COLLEGE	Southern	Gold

S. No	Name of Institute	AICTE Region	Category
210	MIZORAM POLYTECHNIC	Eastern	Silver
211	MJP GOVERNMENT POLYTECHNIC COLLEGE, KHANDWA	Central	Silver
212	MLR INSTITUTE OF TECHNOLOGY		Gold
213	MLV TEXTILE & ENGINEERING COLLEGE, BHILWARA	North-West	Gold
214	MODEL INSTITUTE OF ENGINEERING AND TECHNOLOGY	North-West	Gold
215	MOHANDAS COLLEGE OF ENGINEERING AND TECHNOLOGY	South-West	Gold
216	MORADABAD INSTITUTE OF TECHNOLOGY	Northern	Gold
217	MOTICHAND LENGADE BHARATESH POLYTECHNIC	South-West	Silver
218	MRR INSTITUTE OF TECHNOLOGY & SCIENCE, UDAYAGIRI	South-Central	Gold
219	MURSHIDABAD COLLEGE OF ENGINEERING & TECHNOLOGY	Eastern	Gold
220	MURUGAPPA POLYTECHNIC COLLEGE	Southern	Gold
221	MUTHAYAMMAL POLYTECHNIC COLLEGE	Southern	Silver
222	MUTHIAH POLYTECHNIC COLLEGE	Southern	Silver
223	MVJ COLLEGE OF ENGINEERING	South-West	Gold
224	N. C. COLLEGE OF ENGINEERING	North-West	Gold
225	NAGARJUNA COOLEGE OF ENGINEERING & TECHNOLOGY	South-West	Gold
226	NANDHA ENGINEERING COLLEGE	Southern	Gold
227	NARAYANA ENGINEERING COLLEGE	South-Central	Gold
228	NARULA INSTITUTE OF TECHNOLOGY	Eastern	Gold
229	NATIONAL ENGINEERING COLLEGE	Southern	Platinum
230	NATIONAL INSTITUTE OF SCIENCE & TECHNOLOGY	Eastern	Gold
231	NATIONAL INSTITUTION OF TECHNICAL TEACHERS' TRAINING & RESEARCH	North-West	Silver
232	NEHRU COLLEGE OF ENGINEERING AND RESEARCH CENTRE	South-West	Gold
233	NITTE MEENAKSHI INSTITUTE OF TECHNOLOGY	South-West	Gold
234	NMAM INSTITUTE OF TECHNOLOGY, NITTE	South-West	Gold
235	NOBLE INSTITUTE OF SCIENCE AND TECHNOLOGY	South-Central	Silver
236	NORTH BENGAL UNIVERSITY	Eastern	Silver
237	ORISSA ENGINEERING COLLEGE	Eastern	Gold
238	P.E.S. COLLEGE OF ENGINEERING	Western	Silver
239	P.E.S. COLLEGE OF ENGINEERING, MANDYA	South-West	Gold
240	P.T.R. COLLEGE OF ENGINEERING & TECHNOLOGY	Southern	Gold
241	P.V.POLYTECHNIC COLLEGE	Southern	Gold
242	PAAVAI ENGINEERING COLLEGE	Southern	Platinum

S. No	Name of Institute	AICTE Region	Category
243	PADMABHOOSHAN VASANTRAODADA PATIL INSTITUTE OF TECHNOLOGY	Western	Gold
244	PADMABHOOSHAN VASANTRAODADA PATIL INSTITUTE OF TECHNOLOGY	Western	Gold
245	PADMASHREE DR. D. Y. PATIL INSTITUTE OF ENGINEERING & TECHNOLOGY	Western	Gold
246	PADMASRI DR B V RAJU INSTITUTE OF TECHNOLOGY	South-Central	Gold
247	PANDIAN SARASWATHI YADAV ENGINEERING COLLEGE	Southern	Gold
248	PANIMALAR ENGINEERING COLLEGE	Southern	Gold
249	PARUL INSTITUTE OF ENGINEERING & TECHNOLOGY	Central	Platinum
250	PARUL INSTITUTE OF ENGINEERING & TECHNOLOGY (DIPLOMA STUDIES)	Central	Platinum
251	PARUL POLYTECHNIC INSTITUTE	Central	Platinum
252	PES INSTITUTE OF TECHNOLOGY	South-West	Gold
253	PONDICHERRY ENGINEERING COLLEGE	Southern	Silver
254	POORNIMA COLLEGE OF ENGINEERING	North-West	Gold
255	PRAGATI ENGINEERING COLLEGE	South-Central	Gold
256	PRATHYUSHA INSTITUTE OF TECHNOLOGY AND MANAGEMENT	Southern	Gold
257	PROF. RAM MEGHE INSTITUTE OF TECHNOLOGY AND RESEARCH	Western	Gold
258	PSG COLLEGE OF TECHNOLOGY	Southern	Gold
259	PSIT-PRANVEER SINGH INSTITUTE OF TECHNOLOGY	Northern	Silver
260	PSNA COLLEGE OF ENGINEERING AND TECHNOLOGY , DINDIGUL	Southern	Platinum
261	QULI QUTUB SHAH GOVERNMENT POLYTECHNIC	South-Central	Silver
262	R E S POLYTECHNIC	South-West	Silver
263	R.M.D. ENGINEERING COLLEGE	Southern	Platinum
264	R.M.K. ENGINEERING COLLEGE	Southern	Platinum
265	R.V. COLLEGE OF ENGINEERING	South-West	Platinum
266	R.V.R.& J.C.COLLEGE OF ENGINEERING	South-Central	Gold
267	RAJAGIRI SCHOOL OF ENGINEERING & TECHNOLOGY	South-West	Gold
268	RAJALAKSHMI ENGINEERING COLLEGE (ENGINEERING & TECHNOLOGY)	Southern	Platinum
269	RAJIV GANDHI INSTITUTE OF TECHNOLOGY,KOTTAYAM	South-West	Silver
270	RAO BAHADUR Y MAHABALESWARAPPA ENGINEERING COLLEGE	South-West	Gold
271	RCC INSTITUTE OF INFORMATION TECHNOLOGY	Eastern	Gold
272	ROLAND INSTITUTE OF TECHNOLOGY	Eastern	Gold
273	RUNGTA COLLEGE OF ENGINEERING & TECHNOLOGY	Central	Gold
274	S J C INSTITUTE OF TECHNOLOGY	South-West	Gold
275	S.A.ENGINEERING COLLEGE	Southern	Platinum

S. No	Name of Institute	AICTE Region	Category
276	S.D.M. COLLEGE OF ENGINEERING & TECHNOLOGY	South-West	Gold
277	SACRED HEART COLLEGE(AUTONOMOUS)	Southern	Gold
278	SACS M.A.V.M.M. ENGINEERING COLLEGE	Southern	Silver
279	SAGAR INSTITUTE OF RESEARCH & TECHNOLOGY	Central	Gold
280	SAINTGITS COLLEGE OF ENGINEERING	South-West	Gold
281	SAKTHI POLYTECHNIC COLLEGE	Southern	Gold
282	SAMRAT ASHOK TECHNOLOGICAL INSTITUTE	Central	Gold
283	SANJAY GANDHI POLYTECHNIC (FORMERLY "SANJAY GANDHI RURAL POLYTECHNIC")	South-West	Silver
284	SANKALCHAND PATEL COLLEGE OF ENGINEERING, VISNAGAR	Central	Silver
285	SANKETIKA VIDYA PARISHAD ENGINEERING COLLEGE	South-Central	Silver
286	SANT LONGOWAL INSTITUTE OF ENGINEERING & TECHNOLOGY	North-West	Gold
287	SANT LONGOWAL INSTITUTE OF ENGINEERING & TECHNOLOGY	North-West	Gold
288	SARABHAI INSTITUTE OF SCIENCE AND TECHNOLOGY	South-West	Gold
289	SAROJ MOHAN INSTITUTE OF TECHNOLOGY	Eastern	Silver
290	SASI INSTITUTE OF TECHNOLOGY & ENGINEERING	South-Central	Gold
291	SATARA POLYTECHNIC,SATARA	Western	Silver
292	SAVEETHA ENGINEERING COLLEGE	Southern	Gold
293	SCMS SCHOOL OF ENGINEERING & TECHNOLOGY	South-West	Gold
294	SETH JAI PARKASH MUKAND LAL INSTITUTE OF ENGINEERING & TECHNOLOGY	North-West	Gold
295	SETHU INSTITUTE OF TECHNOLOGY	Southern	Gold
296	SHAH SATNAM JI INSTITUTE OF TECHNOLOGY AND MANAGEMENT	North-West	Silver
297	SHAHEED BHAGAT SINGH STATE TECHNICAL CAMPUS	North-West	Gold
298	SHANTILAL SHAH ENGINEERING COLLEGE	Central	Gold
299	SHREE TAPI BRAHMCHARYASHRAM SABHA COLLEGE OF DIPLOMA ENGINEERING	Central	Silver
300	SHRI G.S.INSTITUTE OF TECH. & SCIENCE	Central	Gold
301	SHRI GURU GOBIND SINGHJI INSTITUTE OF ENGINEERING AND TECHNOLOGY	Western	Gold
302	SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING	Western	Gold
303	SHRI VAISHNAV INSTITUTE OF TECHNOLOGY & SCIENCE,	Central	Gold
304	SHRI VILE PARLE KELAVANI MANDAL'S DWARKADAS J. SANGHVI COLLEGE OF ENGINEERING	Western	Gold
305	SHRI VISHNU ENGINEERING COLLEGE FOR WOMEN	South-Central	Gold
306	SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY	South-West	Gold
307	SIDDAGANGA INSTITUTE OF TECHNOLOGY	South-West	Gold
308	SIDDAGANGA INSTITUTE OF TECHNOLOGY	South-West	Gold
309	SINHGAD COLLEGE OF ENGINEERING	Western	Gold
310	SMT.L.V.(GOVT.) POLYTECHNIC	South-West	Silver
311	SNM INSTITUTE OF MANAGEMENT AND TECHNOLOGY	South-West	Silver
312	SNS COLLEGE OF TECHNOLOGY	Southern	Platinum
313	SREE VIDYANIKETHAN ENGINEERING COLLEGE	South-Central	Gold
314	SREENIDHI INSTITUTE OF SCIENCE & TECHNOLOGY	South-Central	Gold
315	SRI JAYACHAMARAJENDRA COLLEGE OF ENGINEERING	South-West	Gold
316	SRI K.V.T.POLYTECHNIC (AIDED)	South-West	Silver
317	SRI LAKSHMI AMMAL ENGINEERING COLLEGE	Southern	Gold
318	SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE	Southern	Gold
319	SRI NALLALAGHU POLYTECHIC COLLEGE	Southern	Gold
320	SRI SIDDHARTHA INSTITUTE OF TECHNOLOGY	South-West	Gold
321	SRI SUKHMANI INSTITUTE OF ENGINEERING & TECHNOLOGY	North-West	Platinum
322	SRI TARALABALU JAGADGURU INSTITUTE OF TECHNOLOGY	South-West	Silver
323	SRI VENKATESHWARA COLLEGE OF ENGINEERING	South-West	Gold
324	SRI VENKATESHWARA POLYTECHNIC	South-West	Silver
325	SRI VENKATESWARA COLLEGE OF ENGINEERING	Southern	Gold
326	SRI VENKATESWARA UNIVERSITY COLLEGE OF ENGINEERING	South-Central	Silver
327	ST. VINCENT PALLOTTI COLLEGE OF ENGG. & TECHNOLOGY, NAGPUR	Western	Gold
328	ST.JOSEPH COLLEGE OF ENGINEERING	Southern	Gold
329	SVERI'S COLLEGE OF ENGINEERING, PANDHARPUR	Western	Gold
330	SYNERGY INSTITUTE OF ENGINEERING & TECHNOLOGY	Eastern	Gold
331	TECHNO INDIA COLLEGE OF TECHNOLOGY	Eastern	Gold
332	THADOMAL SHAHANI ENGINEERING COLLEGE	Western	Gold
333	THAKUR COLLEGE OF ENGINEERING & TECHNOLOGY	Western	Platinum
334	THAKUR INSTITUTE OF MANAGEMENT STUDIES, CAREER DEVELOPMENT AND RESEARCH	Western	Platinum
335	THAPAR POLYTECHNIC COLLEGE	North-West	Gold
336	THAPAR UNIVERSITY	North-West	Gold
337	THE NATIONAL INSTITUTE OF ENGINEERING	South-West	Gold
338	THE OXFORD COLLEGE OF ENGINEERING	South-West	Gold
339	THE OXFORD COLLEGE OF SCIENCE	South-West	Gold

S. No	Name of Institute	AICTE Region	Category
340	THE OXFORD POLYTECHNIC	South-West	Silver
341	THE STANDARD FIREWORKS RAJARATNAM COLLEGE FOR WOMEN	Southern	Gold
342	THIAGARAJAR COLLEGE OF ENGINEERING	Southern	Platinum
343	THIAGARAJAR POLYTECHNIC COLLEGE	Southern	Platinum
344	TILAK RAJ CHADHA INSTITUTE OF MGMT. & TECH.	North-West	Gold
345	TKM COLLEGE OF ENGINEERING	South-West	Gold
346	TKR COLLEGE OF ENGINEERING & TECHNOLOGY	South-Central	Silver
347	TOC H INSTITUTE OF SCIENCE & TECHNOLOGY	South-West	Gold
348	TONTADARYA COLLEGE OF ENGINEERING	South-West	Silver
349	TURA POLYTECHNIC	Eastern	Silver
350	U. V. PATEL COLLEGE OF ENGINEERING	Central	Gold
351	UNITED COLLEGE OF ENGINEERING & RESEARCH	Northern	Gold
352	UNIVERSITY COLLEGE OF ENGINGEERING KAKINADA	South-Central	Gold
353	UNIVERSITY INSTITUTE OF ENGINEERING AND TECHNOLOGY	North-West	Platinum
354	UNIVERSITY INSTITUTE OF ENGINEERING AND TECHNOLOGY, MAHARSHI DAYANAND UNIVERSITY, ROHTAK	North-West	Gold
355	UNIVERSITY INSTITUTE OF TECHNOLOGY	Eastern	Silver
356	UNIVERSITY INSTITUTE OF TECHNOLOGY	Eastern	Gold
357	UNIVERSITY VISVESVARAYA COLLEGE OF ENGINEERING	South-West	Gold
358	V. V. P. ENGINEERING COLLEGE	Central	Gold
359	V.K.R & V.N.B POLYTECHNIC	South-Central	Silver
360	V.R.S. COLLEGE OF ENGINEERING AND TECHNOLOGY	Southern	Gold
361	V.V.SANGHA'S POLYTECHNIC	South-West	Silver
362	VAAGDEVI INSTITUTE OF TECHNOLOGY & SCIENCE	South-Central	Gold
363	VARDHAMAN COLLEGE OF ENGINEERING	South-Central	Gold
364	VASAVI COLLEGE OF ENGINEERING	South-Central	Gold
365	VEERMATA JIJABAI TECHNOLOGICAL INSTITUTE	Western	Gold
366	VEL TECH HIGH TECH DR.RANGARAJAN DR.SAKUNTHALA ENGINEERING COLLEGE	Southern	Gold
367	VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY	Southern	Platinum
368	VIDYA BHAWAN POLYTECHNIC COLLEGE	North-West	Silver
369	VIDYA PRASARAK MANDAL'S POLYTECHNIC, THANE	Western	Silver
370	VIDYA VIKAS EDUCATIONAL TRUST (R) POLYTECHNIC	South-West	Silver
371	VIDYA VIKAS INSTITUTE OF ENGINEERING & TECHNOLOGY	South-West	Gold
372	VIDYASAGAR UNIVERSITY	Eastern	Silver
373	VIDYAVARDHAKA COLLEGE OF ENGINEERING	South-West	Silver
374	VIGNAN'S INSTITUTE OF INFORMATION TECHNOLOGY	South-Central	Gold
375	VINS CHRISTIAN COLLEGE OF ENGINEERING	Southern	Silver
376	VISHWAKARMA INSTITUTE OF INFORMATION TECHNOLOGY	Western	Gold
377	VISHWAKARMA INSTITUTE OF TECHNOLOGY	Western	Gold
378	VIVEKANANDA COLLEGE OF ENGINEERING AND TECHNOLOGY	South-West	Gold
379	VNR VIGNANA JYOTHI INSTITUTE OF ENGINEERING & TECHNOLOGY	South-Central	Gold
380	WALCHAND COLLEGE OF ENGINEERING	Western	Gold
381	WALCHAND INSTITUTE OF TECHNOLOGY	Western	Platinum
382	WEST BENGAL UNIVERSITY OF TECHNOLOGY	Eastern	Gold
383	YESHWANTRAO CHAVAN COLLEGE OF ENGINEERING	Western	Gold
	Electrical Engineering and Allied		
1	SONA COLLEGE OF TECHNOLOGY	Southern	Platinum
2	A.A.N.M. & V.V.R.S.R. POLYTECHNIC	South-Central	Gold
3	A.D.J.DHARMAMBAL POLYTECHNIC COLLEGE	Southern	Gold
4	A.D.PATEL INSTITUTE OF TECHNOLOGY	Central	Gold
5	ACHARYA INSTITUTE OF TECHNOLOGY	South-West	Platinum
6	ADHIPARASAKTHI ENGINEERING COLLEGE	Southern	Gold
7	ADITYA INSTITUTE OF TECHNOLOGY AND MANAGEMENT	South-Central	Silver
8	AJAY KUMAR GARG ENGINEERING COLLEGE	Northern	Platinum
9	ALAGAPPA CHETTIAR COLLEGE OF ENGINEERING AND TECHNOLOGY	Southern	Gold
10	ALL INDIA SHRI SHIVAJI MEMORIAL SOCIETY'S INSTITUTE OF INFORMATION TECHNOLOGY	Western	Gold
11	AMAL JYOTHI COLLEGE OF ENGINEERING	South-West	Gold
12	AMRITSAR COLLEGE OF ENGINEERING & TECHNOLOGY, AMRITSAR	North-West	Gold
13	ANAND INSTITUTE OF HIGHER TECHNOLOGY	Southern	Platinum
14	ANDHRA POLYTECHNIC	South-Central	Gold
15	ANDHRA UNIVERSITY COLLEGE OF ENGINEERING	South-Central	Gold
16	ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES	South-Central	Gold
17	ANURAG ENGINEERING COLLEGE	South-Central	Gold
18	AUDISANKARA COLLEGE OF ENGINEERING & TECHNOLOGY	South-Central	Silver
19	B V BHOOMARADDI COLLEGE OF ENGINEERING & TECHNOLOGY	South-West	Gold
20	B V V SANGHA'S BASAVESHWAR ENGINEERING COLLEGE BAGALKOT	South-West	Gold

S. No	Name of Institute	AICTE Region	Category
21	B. P. PODDAR INSTITUTE OF MANAGEMENT & TECHNOLOGY	Eastern	Gold
22	B. V. V. S. POLYTECHNIC,BAGALKOT.	South-West	Gold
23	B.M.S.COLLEGE OF ENGINEERING	South-West	Gold
24	BANNARI AMMAN INSTITUTE OF TECHNOLOGY	Southern	Gold
25	BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY	South-Central	Gold
26	BHARATI VIDYAPEETH DEEMED UNIVERSITY COLLEGE OF ENGINEERING	Western	Gold
27	BIRLA INSTITUTE OF TECHNOLOGY	Eastern	Gold
28	BIRLA VISHVAKARMA MAHAVIDYALAYA	Central	Gold
29	BMS INSTITUTE OF TECHNOLOGY & MANAGEMENT	South-West	Gold
30	C.V.RAMAN COLLEGE OF ENGINEERING	Eastern	Gold
31	CAMBRIDGE INSTITUTE OF TECHNOLOGY	Eastern	Gold
32	CHANDY POLYTECHNIC COLLEGE	Southern	Silver
33	CHOUKSEY ENGINEERING COLLEGE	Central	Silver
34	CMR INSTITUTE OF TECHNOLOGY	South-West	Gold
35	COCHIN UNIVERSITY OF SCIENCE AND TECHNOLOGY	South-West	Gold
36	COLLEGE OF ENGINEERING & MANAGEMENT, KOLAGHAT	Eastern	Silver
37	COLLEGE OF ENGINEERING AND TECHNOLOGY	Eastern	Gold
38	COLLEGE OF ENGINEERING PERUMON	South-West	Gold
39	COLLEGE OF ENGINEERING TRIKARIPUR	South-West	Silver
40	COLLEGE OF ENGINEERING, PUNE	Western	Gold
41	COLLEGE OF ENGINEERING, THALASSERY	South-West	Gold
42	DACG GOVERNMENT POLYTECHNIC	South-West	Silver
43	DAYANANDA SAGAR INSTITUTE OF TECHNOLOGY (POLYTECHNIC)	South-West	Silver
44	DEENBANDHU CHHOTU RAM UNIVERSITY OF SCI AND TECH	North-West	Gold
45	DEPARTMENT OF INSTRUMENTATION TECHNOLOGY	North-West	Silver
46	DHAANISH AHMED COLLEGE OF ENGINEERING	Southern	Silver
47	DIBRUGARH POLYTECHNIC	Eastern	Gold
48	DISHA INSTITUTE OF MANAGEMENT AND TECHNOLOGY (BE)	Central	Gold
49	DR BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY LONERE	Western	Gold
50	DR. AMBEDKAR INSTITUTE OF TECHNOLOGY	South-West	Gold
51	DR. S. & S. S. GHANDHY GOVERNMENT ENGINEERING COLLEGE, SURAT.	Central	Silver
52	DR.MAHALINGAM COLLEGE OF ENGINEERING AND TECHNOLOGY	Southern	Gold
53	DRIEMS	Eastern	Silver
54	EASWARI ENGINEERING COLLEGE	Southern	Gold
55	ERODE SENGUNTHAR ENGINEERING COLLEGE	Southern	Platinum
56	FACULTY OF TECHNOLOGY & ENGINEERING, THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA	Central	Silver
57	FRANCIS XAVIER ENGINEERING COLLEGE	Southern	Gold
58	G. H. RAISONI COLLEGE OF ENGINEERING, NAGPUR.	Western	Gold
59	G.B.PANT ENGINEERING COLLEGE	Northern	Silver
60	GANDHI INSTITUTE FOR TECHNOLOGICAL ADVANCEMENT (GITA), BHUBANESWAR	Eastern	Silver
61	GAYATRI VIDYA PARISHAD COLLEGE OF ENGINEERING	South-Central	Gold
62	GIANI ZAIL SINGH COLLEGE OF ENGINEERING & TECHNOLOGY, BATHINDA	North-West	Gold
63	GMR INSTITUTE OF TECHNOLOGY	South-Central	Gold
64	GOKARAJU RANGARAJU INSTITUTE OF ENGINEERING & TECHNOLOGY(E&T)	South-Central	Gold
65	GOVERNMENT COLLEGE OF ENGINEERING KANNUR	South-West	Gold
66	GOVERNMENT COLLEGE OF ENGINEERING, AMRAVATI	Western	Gold
67	GOVERNMENT COLLEGE OF ENGINEERING, AURANGABAD (ACADEMIC AUTONOMOUS)	Western	Gold
68	GOVERNMENT COLLEGE OF ENGINEERING, CHANDRAPUR	Western	Gold
69	GOVERNMENT COLLEGE OF ENGINEERING, KARAD	Western	Gold
70	GOVERNMENT COLLEGE OF ENGINEERING,BARGUR	Southern	Gold
71	GOVERNMENT COLLEGE OF ENGINEERING,SALEM	Southern	Gold
72	GOVERNMENT CPC POLYTECHNIC	South-West	Silver
73	GOVERNMENT ENGINEERING COLLEGE BILASPUR	Central	Gold
74	GOVERNMENT ENGINEERING COLLEGE IDUKKI	South-West	Silver
75	GOVERNMENT POLYTECHNIC	South-West	Silver
76	GOVERNMENT POLYTECHNIC BELLARY	South-West	Silver
77	GOVERNMENT POLYTECHNIC CHINTAMANI	South-West	Silver
78	GOVERNMENT POLYTECHNIC COLLEGE, KALAMASRERY	South-West	Silver
79	GOVERNMENT POLYTECHNIC GULBARGA	South-West	Silver
80	GOVERNMENT POLYTECHNIC NAGPUR	Western	Gold
81	GOVERNMENT POLYTECHNIC PANAJI	Western	Gold
82	GOVERNMENT POLYTECHNIC, CHHOTAUDEPUR	Central	Silver
83	GOVT. ENGG. COLLEGE, JAGDALPUR, BASTAR, CHHATTISGARH	Central	Silver
84	GOVT. POLYTECHNIC HAMIRPUR	North-West	Silver
85	GOVT.POLYTECHNIC	South-West	Silver
86	GOVT.POLYTECHNIC COLLEGE ALWAR	North-West	Silver

S. No	Name of Institute	AICTE Region	Category
87	GOVT.POLYTECHNIC COLLEGE,PERINTHALMANNA	South-West	Silver
88	GSSS INSTITUTE OF ENGINEERING & TECHNOLOGY FOR WOMEN	South-West	Gold
89	GURU NANAK DEV ENGINEERING COLLEGE	North-West	Gold
90	GURU NANAK DEV POLYTECHNIC COLLEGE	North-West	Silver
91	GURU NANAK INSTITUTIONS TECHNICAL CAMPUS	South-Central	Gold
92	GURU RAMDAS KHALSA INSTITUTE OF SCIENCE & TECHNOLOGY	Central	Gold
93	GURUNANAK INSTITUTE OF TECHNOLOGY	Eastern	Silver
94	HALDIA INSTITUTE OF TECHNOLOGY	Eastern	Gold
95	HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY	Southern	Platinum
96	HMR INSTITUTE OF TECHNOLOGY AND MANAGEMENT	North-West	Silver
97	HMS INSTITUTE OF TECHNOLOGY	South-West	Silver
98	HRH THE PRINCE OF WALES INSTITUTE OF ENGG. & TECH.,	Eastern	Silver
99	IFET COLLEGE OF ENGINEERING	Southern	Gold
100	INSTITUTE OF ENGINEERING & TECHNOLOGY	North-West	Gold
101	INSTITUTE OF ENGINEERING & TECHNOLOGY, MJP ROHILKHAND UNIVERSITY	Northern	Silver
102	INSTITUTE OF ENGINEERING & TECHNOLOGY-BHADDAL (ROPAR)	North-West	Silver
103	INSTITUTE OF ENGINEERING AND TECHNOLOGY	South-West	Silver
104	INSTITUTE OF ENGINEERING AND TECHNOLOGY	Northern	Silver
105	ITM GROUP OF INSTITUTIONS (TECHNICAL CAMPUS)	Central	Gold
106	JADAVPUR UNIVERSITY	Eastern	Gold
107	JAN NAYAK CH. DEVI LAL MEMORIAL COLLEGE OF ENGINEERING	North-West	Silver
108	JAYA ENGINEERING COLLEGE	Southern	Platinum
109	JIS COLLEGE OF ENGINEERING	Eastern	Gold
110	JNTUA COLLEGE OF ENGINEERING	South-Central	Gold
111	JNTUH COLLEGE OF ENGINEERING HYDERABAD		Gold
112	JODHPUR INSTITUTE OF ENGINEERING & TECHNOLOGY	North-West	Silver
113	K.L.N. COLLEGE OF INFORMATION TECHNOLOGY	Southern	Gold
114	K.L.N.COLLEGE OF ENGINEERING	Southern	Gold
115	K.L.NAGASWAMY MEMORIAL POLYTECHNIC COLLEGE	Southern	Platinum
116	K.L.S. GOGTE INSTITUTE OF TECHNOLOGY	South-West	Silver
117	K.S.RANGASAMY COLLEGE OF TECHNOLOGY	Southern	Gold
118	KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE	South-Central	Gold
119	KAMLA NEHRU INSTITUTE OF TECHNOLOGY , SULTANPUR	Northern	Gold
120	KARMAVEER KAKASAHEB WAGH POLYTECHNIC, NASHIK	Western	Gold
121	KARPAGAM COLLEGE OF ENGINEERING	Southern	Gold
122	KASEGAON EDUCATION SOCIETYS RAJARAMBAPU INSTITUTE OF TECHNOLOGY	Western	Gold
123	KCG COLLEGE OF TECHNOLOGY	Southern	Gold
124	KHADER MEMORIAL COLLEGE OF ENGINEERING & TECHNOLOGY	South-Central	Silver
125	KIET GROUP OF INSTITUTIONS	Northern	Gold
126	KONGU ENGINEERING COLLEGE	Southern	Platinum
127	KUMARAGURU COLLEGE OF TECHNOLOGY	Southern	Gold
128	LAKSHMI NARAIN COLLEGE OF TECHNOLOGY	Central	Gold
129	LOYOLA INSTITUTE OF TECHNOLOGY	Southern	Gold
130	LUKHDHIRJI ENGINEERING COLLEGE	Central	Gold
131	M S ENGINEERING COLLEGE	South-West	Silver
132	M. S. RAMAIAH INSTITUTE OF TECHNOLOGY	South-West	Platinum
133	M.B.T.S. GOVERNMENT POLYTECHNIC	South-Central	Silver
134	M.KUMARASAMY COLLEGE OF ENGINEERING	Southern	Platinum
135	MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE	South-Central	Gold
136	MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE	Central	Gold
137	MAHARAJA AGRASEN INSTITUTE OF TECHNOLOGY	North-West	Gold
138	MAHATMA GANDHI INSTITUTE OF TECHNOLOGY	South-Central	Gold
139	MALLA REDDY ENGINEERING COLLEGE	South-Central	Gold
140	MALNAD COLLEGE OF ENGINEERING	South-West	Silver
141	MEPCO SCHLENK ENGINEERING COLLEGE	Southern	Gold
142	MIZORAM POLYTECHNIC	Eastern	Silver
143	MJP GOVERNMENT POLYTECHNIC COLLEGE, KHANDWA	Central	Gold
144	MODEL INSTITUTE OF ENGINEERING AND TECHNOLOGY	North-West	Gold
145	MOHANDAS COLLEGE OF ENGINEERING AND TECHNOLOGY	South-West	Gold
146	MOTICHAND LENGADE BHARATESH POLYTECHNIC	South-West	Silver
147	MRR INSTITUTE OF TECHNOLOGY & SCIENCE, UDAYAGIRI	South-Central	Gold
148	MURUGAPPA POLYTECHNIC COLLEGE	Southern	Gold
149	MUTHAYAMMAL POLYTECHNIC COLLEGE	Southern	Silver
150	MUTHIAH POLYTECHNIC COLLEGE	Southern	Silver
151	MVJ COLLEGE OF ENGINEERING	South-West	Gold

S. No	Name of Institute	AICTE Region	Category
152	NANDHA ENGINEERING COLLEGE	Southern	Gold
153	NARAYANA ENGINEERING COLLEGE	South-Central	Gold
154	NARULA INSTITUTE OF TECHNOLOGY	Eastern	Gold
155	NATIONAL ENGINEERING COLLEGE	Southern	Gold
156	NATIONAL INSTITUTE OF SCIENCE & TECHNOLOGY	Eastern	Gold
157	NATIONAL INSTITUTION OF TECHNICAL TEACHERS' TRAINING & RESEARCH	North-West	Silver
158	NATIONAL POWER TRAINING INSTITUTE(ER)	Eastern	Silver
159	NATIONAL POWER TRAINING INSTITUTE(ER)	Eastern	Gold
160	NEHRU COLLEGE OF ENGINEERING AND RESEARCH CENTRE	South-West	Gold
161	NITTE MEENAKSHI INSTITUTE OF TECHNOLOGY	South-West	Gold
162	NMAM INSTITUTE OF TECHNOLOGY, NITTE	South-West	Gold
163	ORISSA ENGINEERING COLLEGE	Eastern	Gold
164	ORISSA SCHOOL OF MINING ENGINEERING	Eastern	Silver
165	P.A.C. RAMASAMY RAJA POLYTECHNIC COLLEGE	Southern	Platinum
166	P.E.S. COLLEGE OF ENGINEERING	Western	Silver
167	P.E.S. COLLEGE OF ENGINEERING, MANDYA	South-West	Gold
168	P.V.POLYTECHNIC COLLEGE	Southern	Gold
169	PAAVAI ENGINEERING COLLEGE	Southern	Platinum
170	PADMABHOOSHAN VASANTRAODADA PATIL INSTITUTE OF TECHNOLOGY	Western	Gold
171	PADMASRI DR B V RAJU INSTITUTE OF TECHNOLOGY	South-Central	Gold
172	PANDIAN SARASWATHI YADAV ENGINEERING COLLEGE	Southern	Gold
173	PANIMALAR ENGINEERING COLLEGE	Southern	Gold
174	PARUL INSTITUTE OF ENGINEERING & TECHNOLOGY	Central	Platinum
175	PARUL INSTITUTE OF ENGINEERING & TECHNOLOGY (DIPLOMA STUDIES)	Central	Platinum
176	POLYTECHINC COLLEGE NOWGONG	Central	Silver
177	POLYTECHNIC, THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA	Central	Gold
178	PONDICHERRY ENGINEERING COLLEGE	Southern	Silver
179	POORNIMA COLLEGE OF ENGINEERING	North-West	Gold
180	PRAGATI ENGINEERING COLLEGE	South-Central	Gold
181	PRATHYUSHA INSTITUTE OF TECHNOLOGY AND MANAGEMENT	Southern	Gold
182	PSIT-PRANVEER SINGH INSTITUTE OF TECHNOLOGY	Northern	Silver
183	PSNA COLLEGE OF ENGINEERING AND TECHNOLOGY , DINDIGUL	Southern	Gold
184	R.M.D. ENGINEERING COLLEGE	Southern	Platinum
185	R.M.K. ENGINEERING COLLEGE	Southern	Platinum
186	R.V. COLLEGE OF ENGINEERING	South-West	Gold
187	R.V.R.& J.C.COLLEGE OF ENGINEERING	South-Central	Gold
188	RAIBAG POLYTECHNIC RAIBAG	South-West	Silver
189	RAJAGIRI SCHOOL OF ENGINEERING & TECHNOLOGY	South-West	Gold
190	RAJALAKSHMI ENGINEERING COLLEGE (ENGINEERING & TECHNOLOGY)	Southern	Platinum
191	RAJIV GANDHI INSTITUTE OF TECHNOLOGY,KOTTAYAM	South-West	Gold
192	RAO BAHADUR Y MAHABALESWARAPPA ENGINEERING COLLEGE	South-West	Gold
193	RMS POLYTECHNIC	Central	Platinum
194	ROLAND INSTITUTE OF TECHNOLOGY	Eastern	Gold
195	RUNGTA COLLEGE OF ENGINEERING & TECHNOLOGY	Central	Gold
196	S.A.ENGINEERING COLLEGE	Southern	Platinum
197	S.D.M. COLLEGE OF ENGINEERING & TECHNOLOGY	South-West	Gold
198	SACS M.A.V.M.M. ENGINEERING COLLEGE	Southern	Silver
199	SAGAR INSTITUTE OF RESEARCH & TECHNOLOGY	Central	Gold
200	SAINTGITS COLLEGE OF ENGINEERING	South-West	Gold
201	SAKTHI POLYTECHNIC COLLEGE	Southern	Platinum
202	SAMRAT ASHOK TECHNOLOGICAL INSTITUTE	Central	Silver
203	SANJAY GANDHI POLYTECHNIC (FORMERLY "SANJAY GANDHI RURAL POLYTECHNIC")	South-West	Silver
204	SANKALCHAND PATEL COLLEGE OF ENGINEERING, VISNAGAR	Central	Silver
205	SANKETIKA VIDYA PARISHAD ENGINEERING COLLEGE	South-Central	Silver
206	SANT LONGOWAL INSTITUTE OF ENGINEERING & TECHNOLOGY	North-West	Silver
207	SANT LONGOWAL INSTITUTE OF ENGINEERING & TECHNOLOGY	North-West	Gold
208	SARDAR PATEL COLLEGE OF ENGINEERING	Western	Gold
209	SAROJ MOHAN INSTITUTE OF TECHNOLOGY	Eastern	Silver
210	SASI INSTITUTE OF TECHNOLOGY & ENGINEERING	South-Central	Gold
211	SAVEETHA ENGINEERING COLLEGE	Southern	Gold
212	SCMS SCHOOL OF ENGINEERING & TECHNOLOGY	South-West	Gold
213	SEIKALATHUR KAMATCHI AMMAN POLYTECHNIC COLLEGE	Southern	Silver
214	SETH JAI PARKASH MUKAND LAL INSTITUTE OF ENGINEERING & TECHNOLOGY	North-West	Gold
215	SETHU INSTITUTE OF TECHNOLOGY	Southern	Gold
216	SH.GOKUL BHAI BHATT,GOVERNMENT POLYTECHNIC COLLEGE,SIROHI	North-West	Silver

S. No	Name of Institute	AICTE Region	Category
217	SHAHEED BHAGAT SINGH STATE TECHNICAL CAMPUS	North-West	Gold
218	SHANTILAL SHAH ENGINEERING COLLEGE	Central	Gold
219	SHREE N M GOPANI POLYTECHNIC INSTITUTE	Central	Silver
220	SHREE TAPI BRAHMCHARYASHRAM SABHA COLLEGE OF DIPLOMA ENGINEERING	Central	Gold
221	SHRI G.S.INSTITUTE OF TECH. & SCIENCE	Central	Gold
222	SHRI GURU GOBIND SINGHJI INSTITUTE OF ENGINEERING AND TECHNOLOGY	Western	Platinum
223	SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING	Western	Gold
224	SHRI VAISHNAV INSTITUTE OF TECHNOLOGY & SCIENCE,	Central	Gold
225	SHRI VISHNU ENGINEERING COLLEGE FOR WOMEN	South-Central	Gold
226	SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY	South-West	Silver
227	SIDDAGANGA INSTITUTE OF TECHNOLOGY	South-West	Gold
228	SMT.L.V.(GOVT.) POLYTECHNIC	South-West	Silver
229	SNM INSTITUTE OF MANAGEMENT AND TECHNOLOGY	South-West	Silver
230	SNS COLLEGE OF TECHNOLOGY	Southern	Gold
231	SREE VIDYANIKETHAN ENGINEERING COLLEGE	South-Central	Gold
232	SREENIDHI INSTITUTE OF SCIENCE & TECHNOLOGY	South-Central	Gold
233	SRI JAYACHAMARAJENDRA COLLEGE OF ENGINEERING	South-West	Gold
234	SRI LAKSHMI AMMAL ENGINEERING COLLEGE	Southern	Gold
235	SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE	Southern	Gold
236	SRI NALLALAGHU POLYTECHIC COLLEGE	Southern	Gold
237	SRI SIDDHARTHA INSTITUTE OF TECHNOLOGY	South-West	Silver
238	SRI SUKHMANI INSTITUTE OF ENGINEERING & TECHNOLOGY	North-West	Gold
239	SRI TARALABALU JAGADGURU INSTITUTE OF TECHNOLOGY	South-West	Silver
240	SRI VENKATACHALAPATHY POLYTECHNIC COLLEGE	Southern	Gold
241	SRI VENKATESHWARA COLLEGE OF ENGINEERING	South-West	Gold
242	SRI VENKATESHWARA POLYTECHNIC	South-West	Silver
243	SRI VENKATESWARA COLLEGE OF ENGINEERING	Southern	Platinum
244	SRI VENKATESWARA UNIVERSITY COLLEGE OF ENGINEERING	South-Central	Gold
245	ST. VINCENT PALLOTTI COLLEGE OF ENGG. & TECHNOLOGY, NAGPUR	Western	Gold
246	ST.JOSEPH COLLEGE OF ENGINEERING	Southern	Silver
247	SYNERGY INSTITUTE OF ENGINEERING & TECHNOLOGY	Eastern	Gold
248	TECHNO INDIA COLLEGE OF TECHNOLOGY	Eastern	Silver
249	THANTHAI ROEVER INSTITUTE OF POLYTECHNIC COLLEGE	Southern	Gold
250	THAPAR POLYTECHNIC COLLEGE	North-West	Gold
251	THAPAR UNIVERSITY	North-West	Gold
252	THE NATIONAL INSTITUTE OF ENGINEERING	South-West	Gold
253	THE OXFORD COLLEGE OF ENGINEERING	South-West	Silver
254	THIAGARAJAR POLYTECHNIC COLLEGE	Southern	Platinum
255	TKM COLLEGE OF ENGINEERING	South-West	Gold
256	TKR COLLEGE OF ENGINEERING & TECHNOLOGY	South-Central	Silver
257	TOC H INSTITUTE OF SCIENCE & TECHNOLOGY	South-West	Gold
258	UNITED COLLEGE OF ENGINEERING & RESEARCH	Northern	Gold
259	UNIVERSITY COLLEGE OF ENGINGEERING KAKINADA	South-Central	Gold
260	UNIVERSITY INSTITUTE OF ENGINEERING AND TECHNOLOGY	North-West	Gold
261	UNIVERSITY VISVESVARAYA COLLEGE OF ENGINEERING	South-West	Gold
262	V. V. P. ENGINEERING COLLEGE	Central	Gold
263	V.K.R & V.N.B POLYTECHNIC	South-Central	Gold
264	V.R.S. COLLEGE OF ENGINEERING AND TECHNOLOGY	Southern	Gold
265	V.V.SANGHA'S POLYTECHNIC	South-West	Silver
266	VAAGDEVI INSTITUTE OF TECHNOLOGY & SCIENCE	South-Central	Silver
267	VARDHAMAN COLLEGE OF ENGINEERING	South-Central	Gold
268	VASAVI COLLEGE OF ENGINEERING	South-Central	Gold
269	VEERMATA JIJABAI TECHNOLOGICAL INSTITUTE	Western	Gold
270	VEL TECH MULTI TECH DR.RANGARAJAN DR.SAKUNTHALA ENGINEERING COLLEGE	Southern	Platinum
271	VELAGAPUDI RAMAKRISHNA SIDDHARTHA ENGINEERING COLLEGE	South-Central	Gold
272	VIDYA BHAWAN POLYTECHNIC COLLEGE	North-West	Gold
273	VIDYA PRASARAK MANDAL'S POLYTECHNIC, THANE	Western	Silver
274	VIDYA VIKAS EDUCATIONAL TRUST (R) POLYTECHNIC	South-West	Gold
275	VIDYA VIKAS INSTITUTE OF ENGINEERING & TECHNOLOGY	South-West	Gold
276	VIDYAVARDHAKA COLLEGE OF ENGINEERING	South-West	Silver
277	VIGNAN'S INSTITUTE OF INFORMATION TECHNOLOGY	South-Central	Gold
278	VINS CHRISTIAN COLLEGE OF ENGINEERING	Southern	Silver
279	VNR VIGNANA JYOTHI INSTITUTE OF ENGINEERING & TECHNOLOGY	South-Central	Gold
280	WALCHAND COLLEGE OF ENGINEERING	Western	Gold
281	YESHWANTRAO CHAVAN COLLEGE OF ENGINEERING	Western	Gold

S. No	Name of Institute	AICTE Region	Category
	Electronics Engineering and Allied		
1	SONA COLLEGE OF TECHNOLOGY	Southern	Platinum
2	A.A.N.M. & V.V.R.S.R. POLYTECHNIC	South-Central	Gold
3	A.D.J.DHARMAMBAL POLYTECHNIC COLLEGE	Southern	Gold
4	A.D.PATEL INSTITUTE OF TECHNOLOGY	Central	Gold
5	ABDUL RAZZAK KALSEKAR POLYTECHNIC	Western	Silver
6	ABES ENGINEERING COLLEGE	Northern	Platinum
7	ACHARYA INSTITUTE OF TECHNOLOGY	South-West	Platinum
8	ACROPOLIS INSTITUTE OF TECHNOLOGY AND RESEARCH	Central	Gold
9	ADHIPARASAKTHI ENGINEERING COLLEGE	Southern	Gold
10	ADI SHANKARA INSTITUTE OF ENGINEERING AND TECHNOLOGY	South-West	Gold
11	ADITYA INSTITUTE OF TECHNOLOGY AND MANAGEMENT	South-Central	Silver
12	AJAY KUMAR GARG ENGINEERING COLLEGE	Northern	Gold
13	ALAGAPPA CHETTIAR COLLEGE OF ENGINEERING AND TECHNOLOGY	Southern	Gold
14	ALL INDIA SHRI SHIVAJI MEMORIAL SOCIETY'S INSTITUTE OF INFORMATION TECHNOLOGY	Western	Gold
15	AMAL JYOTHI COLLEGE OF ENGINEERING	South-West	Gold
16	AMITY SCHOOL OF ENGINEERING & TECHNOLOGY	North-West	Gold
17	AMRITSAR COLLEGE OF ENGINEERING & TECHNOLOGY, AMRITSAR	North-West	Platinum
18	AMRUTVAHINI COLLEGE OF ENGINEERING, SANGAMNER	Western	Silver
19	ANAND INSTITUTE OF HIGHER TECHNOLOGY	Southern	Gold
20	ANDHRA POLYTECHNIC	South-Central	Silver
21	ANDHRA UNIVERSITY COLLEGE OF ENGINEERING	South-Central	Gold
22	ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES	South-Central	Gold
23	ANURAG ENGINEERING COLLEGE	South-Central	Gold
24	ARMY INSTITUTE OF TECHNOLOGY	Western	Gold
25	AUDISANKARA COLLEGE OF ENGINEERING & TECHNOLOGY	South-Central	Silver
26	AURORA'S SCIENTIFIC, TECHNOLOGICAL&RESEARCH ACADEMY		Silver
27	B V BHOOMARADDI COLLEGE OF ENGINEERING & TECHNOLOGY	South-West	Gold
28	B V V SANGHA'S BASAVESHWAR ENGINEERING COLLEGE BAGALKOT	South-West	Gold
29	B. P. PODDAR INSTITUTE OF MANAGEMENT & TECHNOLOGY	Eastern	Gold
30	B. V. V. S. POLYTECHNIC,BAGALKOT.	South-West	Gold
31	B.G.S INSTITUTE OF TECHNOLOGY	South-West	Silver
32	B.M.S.COLLEGE OF ENGINEERING	South-West	Gold
33	BABU BANARSI DAS INSTITUTE OF TECHNOLOGY	Northern	Gold
34	BALAJI INSTITUTE OF TECHNOLOGY & SCIENCE	South-Central	Gold
35	BALLARI INSTITUTE OF TECHNOLOGY & MANAGEMENT	South-West	Gold
36	BANKURA UNNAYANI INSTITUTE OF ENGINEERING	Eastern	Silver
37	BANNARI AMMAN INSTITUTE OF TECHNOLOGY	Southern	Gold
38	BEANT COLLEGE OF ENGINEERING & TECHNOLOGY,GURDASPUR	North-West	Gold
39	BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY	South-Central	Gold
40	BHARATHIDASAN ENGINEERING COLLEGE	Southern	Silver
41	BHARATI VIDYAPEETH DEEMED UNIVERSITY COLLEGE OF ENGINEERING	Western	Gold
42	BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING KOLHAPUR	Western	Gold
43	BIRLA INSTITUTE OF TECHNOLOGY	Eastern	Gold
44	BIRLA VISHVAKARMA MAHAVIDYALAYA	Central	Gold
45	BMS INSTITUTE OF TECHNOLOGY & MANAGEMENT	South-West	Gold
46	BUNDELKHAND INSTITUTE OF ENGINEERING & TECHNOLOGY JHANSI	Northern	Silver
47	C.V.RAMAN COLLEGE OF ENGINEERING	Eastern	Gold
48	CAMBRIDGE INSTITUTE OF TECHNOLOGY	Eastern	Gold
49	CHANDIGARH ENGINEERING COLLEGE	North-West	Gold
50	CHANDY POLYTECHNIC COLLEGE	Southern	Silver
51	CHOUKSEY ENGINEERING COLLEGE	Central	Silver
52	CMR INSTITUTE OF TECHNOLOGY	South-West	Gold
53	COCHIN UNIVERSITY OF SCIENCE AND TECHNOLOGY	South-West	Gold
54	COIMBATORE INSTITUTE OF ENGINEERING AND TECHNOLOGY	Southern	Silver
55	COLLEGE OF ENGINEERING & MANAGEMENT, KOLAGHAT	Eastern	Silver
56	COLLEGE OF ENGINEERING AND TECHNOLOGY	Eastern	Gold
57	COLLEGE OF ENGINEERING KARUNAGAPPALLY	South-West	Silver
58	COLLEGE OF ENGINEERING PERUMON	South-West	Gold
59	COLLEGE OF ENGINEERING TRIKARIPUR	South-West	Silver
60	COLLEGE OF ENGINEERING, CHERTHALA	South-West	Gold
61	COLLEGE OF ENGINEERING, PUNE	Western	Gold
62	COLLEGE OF ENGINEERING, THALASSERY	South-West	Gold
63	COLLEGE OF ENGINEERING, VADAKARA	South-West	Silver
64	D.K.T.E. SOCIETY'S TEXTILE & ENGINEERING INSTITUTE	Western	Gold

S. No	Name of Institute	AICTE Region	Category
65	DAYANANDA SAGAR INSTITUTE OF TECHNOLOGY (POLYTECHNIC)	South-West	Silver
66	DEENBANDHU CHHOTU RAM UNIVERSITY OF SCI AND TECH	North-West	Silver
67	DESH BHAGAT ENGINEERING COLLEGE	North-West	Silver
68	DHAANISH AHMED COLLEGE OF ENGINEERING	Southern	Silver
69	DISHA INSTITUTE OF MANAGEMENT AND TECHNOLOGY (BE)	Central	Gold
70	DR BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY LONERE	Western	Gold
71	DR. AMBEDKAR INSTITUTE OF TECHNOLOGY	South-West	Gold
72	DR. PANJABRAO DESHMUKH GIRLS POLYTECHNIC,AMRAVATI.	Western	Silver
73	DR. S. & S. S. GHANDHY GOVERNMENT ENGINEERING COLLEGE, SURAT.	Central	Silver
74	DR.MAHALINGAM COLLEGE OF ENGINEERING AND TECHNOLOGY	Southern	Gold
75	DRIEMS	Eastern	Silver
76	DRONACHARYA COLLEGE OF ENGINEERING	North-West	Platinum
77	EASWARI ENGINEERING COLLEGE	Southern	Gold
78	ELECTRONIC SCIENCE DEPARTMENT	North-West	Silver
79	ENGINEERING COLLEGE,AJMER	North-West	Gold
80	ERODE SENGUNTHAR ENGINEERING COLLEGE	Southern	Platinum
81	FACULTY OF TECHNOLOGY & ENGINEERING, THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA	Central	Silver
82	FRANCIS XAVIER ENGINEERING COLLEGE	Southern	Gold
83	G. H. RAISONI COLLEGE OF ENGINEERING, NAGPUR.	Western	Platinum
84	G.B.PANT ENGINEERING COLLEGE	Northern	Silver
85	GANDHI INSTITUTE FOR TECHNOLOGICAL ADVANCEMENT (GITA), BHUBANESWAR	Eastern	Silver
86	GAYATRI VIDYA PARISHAD COLLEGE OF ENGINEERING	South-Central	Gold
87	GIANI ZAIL SINGH COLLEGE OF ENGINEERING & TECHNOLOGY, BATHINDA	North-West	Gold
88	GMR INSTITUTE OF TECHNOLOGY	South-Central	Gold
89	GOKARAJU RANGARAJU INSTITUTE OF ENGINEERING & TECHNOLOGY(E&T)	South-Central	Gold
90	GOVERNMENT COLLEGE OF ENGINEERING ,JALGAON(M.S.)	Western	Gold
91	GOVERNMENT COLLEGE OF ENGINEERING KANNUR	South-West	Gold
92	GOVERNMENT COLLEGE OF ENGINEERING, AMRAVATI	Western	Silver
93	GOVERNMENT COLLEGE OF ENGINEERING, AURANGABAD (ACADEMIC AUTONOMOUS)	Western	Gold
94	GOVERNMENT COLLEGE OF ENGINEERING,BARGUR	Southern	Gold
95	GOVERNMENT COLLEGE OF ENGINEERING,SALEM	Southern	Gold
96	GOVERNMENT COLLEGE OF TECHNOLOGY	Eastern	Silver
97	GOVERNMENT COLLEGE OF TECHNOLOGY	Southern	Gold
98	GOVERNMENT ENGINEERING COLLEGE	Central	Silver
99	GOVERNMENT ENGINEERING COLLEGE	Central	Silver
100	GOVERNMENT ENGINEERING COLLEGE BILASPUR	Central	Gold
101	GOVERNMENT ENGINEERING COLLEGE IDUKKI	South-West	Silver
102	GOVERNMENT ENGINEERING COLLEGE SREEKRISHNAPURAM	South-West	Silver
103	GOVERNMENT ENGINEERING COLLEGE, AT.KATPUR, PATAN	Central	Gold
104	GOVERNMENT ENGINEERING COLLEGE, SECTOR-28	Central	Silver
105	GOVERNMENT ENGINEERING COLLEGE, WAYANAD	South-West	Gold
106	GOVERNMENT POLYTECHNIC CHINTAMANI	South-West	Silver
107	GOVERNMENT POLYTECHNIC COLLEGE, KALAMASRERY	South-West	Silver
108	GOVERNMENT POLYTECHNIC FOR MINORITIES	South-Central	Silver
109	GOVERNMENT POLYTECHNIC FOR WOMEN, SRINAGAR	North-West	Silver
110	GOVERNMENT POLYTECHNIC GAUCHAR	Northern	Silver
111	GOVERNMENT POLYTECHNIC LOHAGHAT	Northern	Gold
112	GOVERNMENT POLYTECHNIC NAGPUR	Western	Gold
113	GOVERNMENT POLYTECHNIC PANAJI	Western	Silver
114	GOVERNMENT WOMEN'S POLYTECHNIC COLLEGE BHOPAL	Central	Gold
115	GOVERNMENT WOMEN'S POLYTECHNIC COLLEGE, NEDUPUZHA, THRISSUR	South-West	Gold
116	GOVT. ENGG. COLLEGE, JAGDALPUR, BASTAR, CHHATTISGARH	Central	Silver
117	GOVT. ENGINEERING COLLEGE, BARTON HILL	South-West	Gold
118	GOVT. ENGINEERING COLLEGE, KOZHIKODE	South-West	Silver
119	GOVT. POLYTECHNIC COLLEGE FOR GIRLS	North-West	Silver
120	GOVT.POLYTECHNIC	South-West	Silver
121	GOVT.POLYTECHNIC COLLEGE ALWAR	North-West	Silver
122	GOVT.POLYTECHNIC COLLEGE FOR GIRLS JALANDHAR	North-West	Silver
123	GOVT.POLYTECHNIC COLLEGE,PERINTHALMANNA	South-West	Gold
124	GSSS INSTITUTE OF ENGINEERING & TECHNOLOGY FOR WOMEN	South-West	Gold
125	GURU GOBIND SINGH POLYTECHNIC, NASHIK	Western	Gold
126	GURU JAMBHESHWAR UNIVERSITY OF SCIENCE & TECHNOLOGY	North-West	Gold
127	GURU NANAK DEV ENGINEERING COLLEGE	North-West	Gold
128	GURU NANAK DEV POLYTECHNIC COLLEGE	North-West	Silver
129	GURU NANAK INSTITUTE OF TECHNOLOGY		Silver

S. No	Name of Institute	AICTE Region	Category
130	GURU NANAK INSTITUTIONS TECHNICAL CAMPUS	South-Central	Gold
131	GURU RAMDAS KHALSA INSTITUTE OF SCIENCE & TECHNOLOGY	Central	Gold
132	GURUNANAK INSTITUTE OF TECHNOLOGY	Eastern	Silver
133	H.V.P.MANDAL'S COLLEGE OF ENGINEERING & TECHNOLOGY	Western	Silver
134	HALDIA INSTITUTE OF TECHNOLOGY	Eastern	Silver
135	HERITAGE INSTITUTE OF TECHNOLOGY	Eastern	Gold
136	HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY	Southern	Gold
137	HMR INSTITUTE OF TECHNOLOGY AND MANAGEMENT	North-West	Silver
138	HMS INSTITUTE OF TECHNOLOGY	South-West	Silver
139	IFET COLLEGE OF ENGINEERING	Southern	Gold
140	INSTITUTE OF ENGINEERING & TECHNOLOGY	North-West	Silver
141	INSTITUTE OF ENGINEERING & TECHNOLOGY, MJP ROHILKHAND UNIVERSITY	Northern	Silver
142	INSTITUTE OF ENGINEERING & TECHNOLOGY-BHADDAL (ROPAR)	North-West	Gold
143	INSTITUTE OF ENGINEERING AND TECHNOLOGY	South-West	Silver
144	INSTITUTE OF ENGINEERING AND TECHNOLOGY	Northern	Silver
145	ITM GROUP OF INSTITUTIONS (TECHNICAL CAMPUS)	Central	Gold
146	JADAVPUR UNIVERSITY	Eastern	Gold
147	JAN NAYAK CH. DEVI LAL MEMORIAL COLLEGE OF ENGINEERING	North-West	Silver
148	JAYA ENGINEERING COLLEGE	Southern	Gold
149	JIS COLLEGE OF ENGINEERING	Eastern	Gold
150	JNANAVIKAS INSTITUTE OF TECHNOLOGY	South-West	Silver
151	JNTUA COLLEGE OF ENGINEERING	South-Central	Gold
152	JNTUH COLLEGE OF ENGINEERING HYDERABAD		Gold
153	JODHPUR INSTITUTE OF ENGINEERING & TECHNOLOGY	North-West	Gold
154	JSS POLYTECHNIC FOR WOMEN	South-West	Gold
155	K.J. SOMAIYA INSTITUTE OF ENGINEERING & INFORMATION TECHNOLOGY	Western	Gold
156	K.L.N. COLLEGE OF INFORMATION TECHNOLOGY	Southern	Gold
157	K.L.N.COLLEGE OF ENGINEERING	Southern	Gold
158	K.L.NAGASWAMY MEMORIAL POLYTECHNIC COLLEGE	Southern	Gold
159	K.L.S. GOGTE INSTITUTE OF TECHNOLOGY	South-West	Silver
160	K.S.RANGASAMY COLLEGE OF TECHNOLOGY	Southern	Gold
161	KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE	South-Central	Gold
162	KAMLA NEHRU INSTITUTE OF TECHNOLOGY , SULTANPUR	Northern	Silver
163	KARMAVEER KAKASAHEB WAGH POLYTECHNIC, NASHIK	Western	Gold
164	KARPAGAM COLLEGE OF ENGINEERING	Southern	Gold
165	KASEGAON EDUCATION SOCIETYS RAJARAMBAPU INSTITUTE OF TECHNOLOGY	Western	Gold
166	KCG COLLEGE OF TECHNOLOGY	Southern	Gold
167	KHADER MEMORIAL COLLEGE OF ENGINEERING & TECHNOLOGY	South-Central	Silver
168	KIET GROUP OF INSTITUTIONS	Northern	Gold
169	KIRODIMAL INSTITUTE OF TECHNOLOGY	Central	Silver
170	KMEA ENGINEERING COLLEGE	South-West	Gold
171	KONGU ENGINEERING COLLEGE	Southern	Platinum
172	KUMARAGURU COLLEGE OF TECHNOLOGY	Southern	Gold
173	LAKSHMI NARAIN COLLEGE OF TECHNOLOGY	Central	Gold
174	LBS INSTITUTE OF TECHNOLOGY FOR WOMEN	South-West	Gold
175	LOYOLA INSTITUTE OF TECHNOLOGY	Southern	Silver
176	M S ENGINEERING COLLEGE	South-West	Gold
177	M. S. RAMAIAH INSTITUTE OF TECHNOLOGY	South-West	Gold
178	M.KUMARASAMY COLLEGE OF ENGINEERING	Southern	Platinum
179	MAAMALLAN INSTITUTE OF TECHNOLOGY	Southern	Gold
180	MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE	South-Central	Gold
181	MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE	Central	Gold
182	MAHARAJA AGRASEN INSTITUTE OF TECHNOLOGY	North-West	Gold
183	MAHARASHTRA ACADEMY OF ENGINEERING AND EDUCATIONAL RESEARCH, MIT COLLEGE OF ENGINEERING, PUNE	Western	Gold
184	MAHARASHTRA INSTITUTE OF TECHNOLOGY	Western	Gold
185	MAHATMA GANDHI INSTITUTE OF TECHNOLOGY	South-Central	Gold
186	MALLA REDDY COLLEGE OF ENGINEERING & TECHNOLOGY		Silver
187	MALLA REDDY ENGINEERING COLLEGE	South-Central	Gold
188	MALNAD COLLEGE OF ENGINEERING	South-West	Gold
189	MANAV RACHNA COLLEGE OF ENGINEERING	North-West	Gold
190	MARATHWADA INSTITUTE OF TECHNOLOGY	Western	Gold
191	MATSYODARI SHIKSHAN SANSTHA'S COLLEGE OF ENGINEERING AND TECHNOLOGY, JALNA	Western	Silver
192	MCKV INSTITUTE OF ENGINEERING	Eastern	Gold
193	MEERUT INSTITUTE OF ENGINEERING & TECHNOLOGY	Northern	Gold
194	MEPCO SCHLENK ENGINEERING COLLEGE	Southern	Gold

S. No	Name of Institute	AICTE Region	Category
195	MLR INSTITUTE OF TECHNOLOGY		Gold
196	MLV TEXTILE & ENGINEERING COLLEGE, BHILWARA	North-West	Silver
197	MODEL INSTITUTE OF ENGINEERING AND TECHNOLOGY	North-West	Gold
198	MOHANDAS COLLEGE OF ENGINEERING AND TECHNOLOGY	South-West	Gold
199	MORADABAD INSTITUTE OF TECHNOLOGY	Northern	Gold
200	MOTICHAND LENGADE BHARATESH POLYTECHNIC	South-West	Silver
201	MRR INSTITUTE OF TECHNOLOGY & SCIENCE, UDAYAGIRI	South-Central	Gold
202	MURSHIDABAD COLLEGE OF ENGINEERING & TECHNOLOGY	Eastern	Gold
203	MURUGAPPA POLYTECHNIC COLLEGE	Southern	Gold
204	MUTHAYAMMAL POLYTECHNIC COLLEGE	Southern	Silver
205	MUTHIAH POLYTECHNIC COLLEGE	Southern	Gold
206	MVJ COLLEGE OF ENGINEERING	South-West	Gold
207	N. C. COLLEGE OF ENGINEERING	North-West	Gold
208	NAGARJUNA COOLEGE OF ENGINEERING & TECHNOLOGY	South-West	Gold
209	NANDHA ENGINEERING COLLEGE	Southern	Gold
210	NARAYANA ENGINEERING COLLEGE	South-Central	Gold
211	NARULA INSTITUTE OF TECHNOLOGY	Eastern	Gold
212	NATIONAL ENGINEERING COLLEGE	Southern	Gold
213	NATIONAL INSTITUTE OF SCIENCE & TECHNOLOGY	Eastern	Gold
214	NATIONAL INSTITUTION OF TECHNICAL TEACHERS' TRAINING & RESEARCH	North-West	Silver
215	NEHRU COLLEGE OF ENGINEERING AND RESEARCH CENTRE	South-West	Gold
216	NITTE MEENAKSHI INSTITUTE OF TECHNOLOGY	South-West	Gold
217	NMAM INSTITUTE OF TECHNOLOGY, NITTE	South-West	Silver
218	ORISSA ENGINEERING COLLEGE	Eastern	Silver
219	P.A.C. RAMASAMY RAJA POLYTECHNIC COLLEGE	Southern	Gold
220	P.E.S. COLLEGE OF ENGINEERING	Western	Silver
221	P.E.S. COLLEGE OF ENGINEERING, MANDYA	South-West	Gold
222	P.T.R. COLLEGE OF ENGINEERING & TECHNOLOGY	Southern	Silver
223	P.V.POLYTECHNIC COLLEGE	Southern	Silver
224	PAAVAI ENGINEERING COLLEGE	Southern	Platinum
225	PADMABHOOSHAN VASANTRAODADA PATIL INSTITUTE OF TECHNOLOGY	Western	Silver
226	PADMABHOOSHAN VASANTRAODADA PATIL INSTITUTE OF TECHNOLOGY	Western	Gold
227	PADMASHREE DR. D. Y. PATIL INSTITUTE OF ENGINEERING & TECHNOLOGY	Western	Platinum
228	PADMASRI DR B V RAJU INSTITUTE OF TECHNOLOGY	South-Central	Gold
229	PANDIAN SARASWATHI YADAV ENGINEERING COLLEGE	Southern	Gold
230	PANIMALAR ENGINEERING COLLEGE	Southern	Gold
231	PARUL INSTITUTE OF ENGINEERING & TECHNOLOGY	Central	Platinum
232	PARUL INSTITUTE OF ENGINEERING & TECHNOLOGY (DIPLOMA STUDIES)	Central	Gold
233	PARUL POLYTECHNIC INSTITUTE	Central	Gold
234	PES INSTITUTE OF TECHNOLOGY	South-West	Gold
235	POLYTECHINC COLLEGE NOWGONG	Central	Silver
236	PONDICHERRY ENGINEERING COLLEGE	Southern	Silver
237	POORNIMA COLLEGE OF ENGINEERING	North-West	Gold
238	PRAGATI ENGINEERING COLLEGE	South-Central	Gold
239	PRATHYUSHA INSTITUTE OF TECHNOLOGY AND MANAGEMENT	Southern	Gold
240	PREMLILA VITHALDAS POLYTECHNIC	Western	Gold
241	PROF. RAM MEGHE INSTITUTE OF TECHNOLOGY AND RESEARCH	Western	Gold
242	PSIT-PRANVEER SINGH INSTITUTE OF TECHNOLOGY	Northern	Silver
243	PSNA COLLEGE OF ENGINEERING AND TECHNOLOGY , DINDIGUL	Southern	Platinum
244	QULI QUTUB SHAH GOVERNMENT POLYTECHNIC	South-Central	Silver
245	R E S POLYTECHNIC	South-West	Silver
246	R.M.D. ENGINEERING COLLEGE	Southern	Platinum
247	R.M.K. ENGINEERING COLLEGE	Southern	Platinum
248	R.V. COLLEGE OF ENGINEERING	South-West	Gold
249	R.V.R.& J.C.COLLEGE OF ENGINEERING	South-Central	Gold
250	RAJAGIRI SCHOOL OF ENGINEERING & TECHNOLOGY	South-West	Gold
251	RAJALAKSHMI ENGINEERING COLLEGE (ENGINEERING & TECHNOLOGY)	Southern	Gold
252	RAJIV GANDHI INSTITUTE OF TECHNOLOGY	South-West	Gold
253	RAJIV GANDHI INSTITUTE OF TECHNOLOGY,KOTTAYAM	South-West	Silver
254	RAO BAHADUR Y MAHABALESWARAPPA ENGINEERING COLLEGE	South-West	Silver
255	ROLAND INSTITUTE OF TECHNOLOGY	Eastern	Gold
256	RUNGTA COLLEGE OF ENGINEERING & TECHNOLOGY	Central	Gold
257	S J C INSTITUTE OF TECHNOLOGY	South-West	Gold
258	S.A.ENGINEERING COLLEGE	Southern	Platinum
259	S.D.M. COLLEGE OF ENGINEERING & TECHNOLOGY	South-West	Gold
260	SACS M.A.V.M.M. ENGINEERING COLLEGE	Southern	Silver

S. No	Name of Institute	AICTE Region	Category
261	SAGAR INSTITUTE OF RESEARCH & TECHNOLOGY	Central	Gold
262	SAINTGITS COLLEGE OF ENGINEERING	South-West	Gold
263	SAKTHI POLYTECHNIC COLLEGE	Southern	Gold
264	SAMRAT ASHOK TECHNOLOGICAL INSTITUTE	Central	Silver
265	SANJAY GANDHI POLYTECHNIC (FORMERLY "SANJAY GANDHI RURAL POLYTECHNIC")	South-West	Silver
266	SANKALCHAND PATEL COLLEGE OF ENGINEERING, VISNAGAR	Central	Silver
267	SANKETIKA VIDYA PARISHAD ENGINEERING COLLEGE	South-Central	Silver
268	SANT LONGOWAL INSTITUTE OF ENGINEERING & TECHNOLOGY	North-West	Gold
269	SANT LONGOWAL INSTITUTE OF ENGINEERING & TECHNOLOGY	North-West	Gold
270	SARABHAI INSTITUTE OF SCIENCE AND TECHNOLOGY	South-West	Silver
271	SAROJ MOHAN INSTITUTE OF TECHNOLOGY	Eastern	Silver
272	SASI INSTITUTE OF TECHNOLOGY & ENGINEERING	South-Central	Gold
273	SATARA POLYTECHNIC,SATARA	Western	Gold
274	SAVEETHA ENGINEERING COLLEGE	Southern	Gold
275	SCMS SCHOOL OF ENGINEERING & TECHNOLOGY	South-West	Gold
276	SEIKALATHUR KAMATCHI AMMAN POLYTECHNIC COLLEGE	Southern	Silver
277	SETH JAI PARKASH MUKAND LAL INSTITUTE OF ENGINEERING & TECHNOLOGY	North-West	Gold
278	SETHU INSTITUTE OF TECHNOLOGY	Southern	Gold
279	SH.GOKUL BHAI BHATT,GOVERNMENT POLYTECHNIC COLLEGE,SIROHI	North-West	Silver
280	SHAHEED BHAGAT SINGH STATE TECHNICAL CAMPUS	North-West	Gold
281	SHANTILAL SHAH ENGINEERING COLLEGE	Central	Gold
282	SHREE TAPI BRAHMCHARYASHRAM SABHA COLLEGE OF DIPLOMA ENGINEERING	Central	Gold
283	SHRI G.S.INSTITUTE OF TECH. & SCIENCE	Central	Gold
284	SHRI GURU GOBIND SINGHJI INSTITUTE OF ENGINEERING AND TECHNOLOGY	Western	Gold
285	SHRI PRINCE SHIVAJI MARATHA BOARDING HOUSE'S NEW POLYTECHNIC	Western	Silver
286	SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING	Western	Gold
287	SHRI VAISHNAV INSTITUTE OF TECHNOLOGY & SCIENCE,	Central	Gold
288	SHRI VILE PARLE KELAVANI MANDAL'S DWARKADAS J. SANGHVI COLLEGE OF ENGINEERING	Western	Gold
289	SHRI VISHNU ENGINEERING COLLEGE FOR WOMEN	South-Central	Gold
290	SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY	South-West	Silver
291	SIDDAGANGA INSTITUTE OF TECHNOLOGY	South-West	Gold
292	SINHGAD COLLEGE OF ENGINEERING	Western	Gold
293	SNM INSTITUTE OF MANAGEMENT AND TECHNOLOGY	South-West	Silver
294	SNS COLLEGE OF TECHNOLOGY	Southern	Gold
295	SREE VIDYANIKETHAN ENGINEERING COLLEGE	South-Central	Gold
296	SREENIDHI INSTITUTE OF SCIENCE & TECHNOLOGY	South-Central	Gold
297	SRI JAYACHAMARAJENDRA COLLEGE OF ENGINEERING	South-West	Gold
298	SRI K.V.T.POLYTECHNIC (AIDED)	South-West	Silver
299	SRI LAKSHMI AMMAL ENGINEERING COLLEGE	Southern	Gold
300	SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE	Southern	Silver
301	SRI NALLALAGHU POLYTECHIC COLLEGE	Southern	Gold
302	SRI SIDDHARTHA INSTITUTE OF TECHNOLOGY	South-West	Silver
303	SRI SUKHMANI INSTITUTE OF ENGINEERING & TECHNOLOGY	North-West	Gold
304	SRI TARALABALU JAGADGURU INSTITUTE OF TECHNOLOGY	South-West	Silver
305	SRI VENKATACHALAPATHY POLYTECHNIC COLLEGE	Southern	Gold
306	SRI VENKATESHWARA COLLEGE OF ENGINEERING	South-West	Gold
307	SRI VENKATESHWARA POLYTECHNIC	South-West	Silver
308	SRI VENKATESWARA COLLEGE OF ENGINEERING	Southern	Gold
309	SRI VENKATESWARA UNIVERSITY COLLEGE OF ENGINEERING	South-Central	Silver
310	ST. VINCENT PALLOTTI COLLEGE OF ENGG. & TECHNOLOGY, NAGPUR	Western	Gold
311	ST.JOSEPH COLLEGE OF ENGINEERING	Southern	Silver
312	SVERI'S COLLEGE OF ENGINEERING, PANDHARPUR	Western	Gold
313	SYNERGY INSTITUTE OF ENGINEERING & TECHNOLOGY	Eastern	Gold
314	TECHNO INDIA COLLEGE OF TECHNOLOGY	Eastern	Silver
315	THADOMAL SHAHANI ENGINEERING COLLEGE	Western	Silver
316	THAKUR COLLEGE OF ENGINEERING & TECHNOLOGY	Western	Gold
317	THANTHAI ROEVER INSTITUTE OF POLYTECHNIC COLLEGE	Southern	Gold
318	THAPAR POLYTECHNIC COLLEGE	North-West	Gold
319	THAPAR UNIVERSITY	North-West	Gold
320	THE NATIONAL INSTITUTE OF ENGINEERING	South-West	Gold
321	THE OXFORD COLLEGE OF ENGINEERING	South-West	Silver
322	THIAGARAJAR POLYTECHNIC COLLEGE	Southern	Platinum
323	TKM COLLEGE OF ENGINEERING	South-West	Gold
324	TKR COLLEGE OF ENGINEERING & TECHNOLOGY	South-Central	Silver
325	TOC H INSTITUTE OF SCIENCE & TECHNOLOGY	South-West	Gold
326	TONTADARYA COLLEGE OF ENGINEERING	South-West	Silver

S. No	Name of Institute	AICTE Region	Category
327	TURA POLYTECHNIC	Eastern	Silver
328	U. V. PATEL COLLEGE OF ENGINEERING	Central	Gold
329	UNITED COLLEGE OF ENGINEERING & RESEARCH	Northern	Gold
330	UNIVERSITY COLLEGE OF ENGINGEERING KAKINADA	South-Central	Gold
331	UNIVERSITY INSTITUTE OF ENGINEERING AND TECHNOLOGY	North-West	Gold
332	UNIVERSITY INSTITUTE OF ENGINEERING AND TECHNOLOGY, MAHARSHI DAYANAND UNIVERSITY, ROHTAK	North-West	Gold
333	UNIVERSITY INSTITUTE OF TECHNOLOGY	Eastern	Gold
334	UNIVERSITY INSTITUTE OF TECHNOLOGY	Eastern	Gold
335	UNIVERSITY VISVESVARAYA COLLEGE OF ENGINEERING	South-West	Gold
336	V. V. P. ENGINEERING COLLEGE	Central	Gold
337	V.K.R & V.N.B POLYTECHNIC	South-Central	Silver
338	V.R.S. COLLEGE OF ENGINEERING AND TECHNOLOGY	Southern	Gold
339	V.V.SANGHA'S POLYTECHNIC	South-West	Silver
340	VAAGDEVI INSTITUTE OF TECHNOLOGY & SCIENCE	South-Central	Silver
341	VARDHAMAN COLLEGE OF ENGINEERING	South-Central	Gold
342	VASAVI COLLEGE OF ENGINEERING	South-Central	Gold
343	VEERMATA JIJABAI TECHNOLOGICAL INSTITUTE	Western	Gold
344	VEL TECH HIGH TECH DR.RANGARAJAN DR.SAKUNTHALA ENGINEERING COLLEGE	Southern	Platinum
345	VEL TECH MULTI TECH DR.RANGARAJAN DR.SAKUNTHALA ENGINEERING COLLEGE	Southern	Platinum
346	VELAGAPUDI RAMAKRISHNA SIDDHARTHA ENGINEERING COLLEGE	South-Central	Gold
347	VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY	Southern	Gold
348	VIDYA BHAWAN POLYTECHNIC COLLEGE	North-West	Silver
349	VIDYA PRASARAK MANDAL'S POLYTECHNIC, THANE	Western	Silver
350	VIDYA VIKAS EDUCATIONAL TRUST (R) POLYTECHNIC	South-West	Gold
351	VIDYA VIKAS INSTITUTE OF ENGINEERING & TECHNOLOGY	South-West	Gold
352	VIDYAVARDHAKA COLLEGE OF ENGINEERING	South-West	Silver
353	VIGNAN'S INSTITUTE OF INFORMATION TECHNOLOGY	South-Central	Gold
354	VINS CHRISTIAN COLLEGE OF ENGINEERING	Southern	Silver
355	VISHWAKARMA INSTITUTE OF INFORMATION TECHNOLOGY	Western	Gold
356	VISHWAKARMA INSTITUTE OF TECHNOLOGY	Western	Gold
357	VIVEKANANDA COLLEGE OF ENGINEERING AND TECHNOLOGY	South-West	Silver
358	VNR VIGNANA JYOTHI INSTITUTE OF ENGINEERING & TECHNOLOGY	South-Central	Gold
359	WALCHAND COLLEGE OF ENGINEERING	Western	Gold
360	WALCHAND INSTITUTE OF TECHNOLOGY	Western	Platinum
361	YESHWANTRAO CHAVAN COLLEGE OF ENGINEERING	Western	Gold
	Emerging Engineering Institutes		
1	DEPARTMENT OF TECHNOLOGY, SHIVAJI UNIVERSITY, KOLHAPUR	Western	Gold
2	ABES ENGINEERING COLLEGE	Northern	Platinum
3	ABSS INSTITUTE OF TECHNOLOGY	Northern	Silver
4	ACHARYA INSTITUTE OF TECHNOLOGY	South-West	Gold
5	ACHARYA SHREE NANESH SAMTA MAHAVIDYALAYA	North-West	Silver
6	ACROPOLIS INSTITUTE OF TECHNOLOGY AND RESEARCH	Central	Gold
7	ACROPOLIS TECHNICAL CAMPUS	Central	Gold
8	ADI SHANKARA INSTITUTE OF ENGINEERING AND TECHNOLOGY	South-West	Gold
9	ADITYA INSTITUTE OF TECHNOLOGY AND MANAGEMENT	South-Central	Silver
10	AKSHAYA COLLEGE OF ENGINEERING AND TECHNOLOGY	Southern	Gold
11	AKSHEYAA COLLEGE OF ENGINEERING	Southern	Silver
12	ALLENHOUSE INSTITUTE OF TECHNOLOGY	Northern	Gold
13	ALPHA COLLEGE OF ENGINEERING	Southern	Silver
14	AMAL JYOTHI COLLEGE OF ENGINEERING	South-West	Gold
15	AMRITSAR COLLEGE OF ENGINEERING & TECHNOLOGY, AMRITSAR	North-West	Gold
16	ANAND INTERNATIONAL COLLEGE OF ENGINEERING	North-West	Gold
17	ANNAI VAILANKANNI COLLEGE OF ENGINEERING	Southern	Gold
18	ANURAG ENGINEERING COLLEGE	South-Central	Gold
19	AUDISANKARA COLLEGE OF ENGINEERING & TECHNOLOGY	South-Central	Silver
20	AURORA'S SCIENTIFIC, TECHNOLOGICAL&RESEARCH ACADEMY		Silver
21	AVS COLLEGE OF ENGINEERING AND TECHNOLOGY	South-Central	Silver
22	AXIS INSTITUTE OF TECHNOLOGY AND MANAGEMENT	Northern	Gold
23	AYAAN COLLEGE OF ENGINEERING & TECHNOLOGY		Silver
24	B.G.S INSTITUTE OF TECHNOLOGY	South-West	Silver
25	BABU BANARSI DAS INSTITUTE OF TECHNOLOGY	Northern	Silver
26	BALAJI INSTITUTE OF ENGINEERING & SCIENCES	South-Central	Silver
27	BALAJI INSTITUTE OF TECHNOLOGY & SCIENCE	South-Central	Gold
28	BALLARI INSTITUTE OF TECHNOLOGY & MANAGEMENT	South-West	Gold
29	BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY	South-Central	Silver
30	BHARATHIDASAN ENGINEERING COLLEGE	Southern	Silver

S. No	Name of Institute	AICTE Region	Category
31	BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING KOLHAPUR	Western	Silver
32	BINESWAR BRAHMA ENGINEERING |COLLEGE	Eastern	Silver
33	BLACK DIAMOND COLLEGE OF ENGINEERING & TECHNOLOGY, JHARSUGUDA	Eastern	Gold
34	BODOLAND UNIVERSITY	Eastern	Silver
35	BRAHMAS INSTITUTE OF ENGINEERING AND TECHNOLOGY	South-Central	Silver
36	BUDGE BUDGE INSTITUTE OF TECHNOLOGY	Eastern	Gold
37	BUNDELKHAND INSTITUTE OF ENGINEERING & TECHNOLOGY JHANSI	Northern	Silver
38	C.A.R.E. GROUP OF INSTITUTIONS	Southern	Gold
39	C.V.RAMAN COLLEGE OF ENGINEERING	Eastern	Gold
40	CENTRAL INSTITUTE OF PLASTICS ENGINEERING & TECHNOLOGY LUCKNOW	Northern	Silver
41	CENTRE FOR COMPUTER STUDIES	Eastern	Silver
42	CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY	South-Central	Gold
43	CHAMELI DEVI GROUP OF INSTITUTIONS	Central	Gold
44	CHANDIGARH GROUP OF COLLEGES	North-West	Gold
45	CHANDY COLLEGE OF ENGINEERING	Southern	Silver
46	CMR INSTITUTE OF TECHNOLOGY	South-West	Gold
47	COIMBATORE INSTITUTE OF ENGINEERING AND TECHNOLOGY	Southern	Gold
48	COLLEGE OF ENGINEERING & MANAGEMENT, KOLAGHAT	Eastern	Silver
49	COLLEGE OF ENGINEERING AND TECHNOLOGY	Eastern	Gold
50	COLLEGE OF ENGINEERING TRIKARIPUR	South-West	Silver
51	COLLEGE OF ENGINEERING, VADAKARA	South-West	Gold
52	COLLEGE OF TECHNOLOGY AND ENGINEERING	North-West	Silver
53	CONTINENTAL INSTITUTE OF ENGINEERING AND TECHNOLOGY	North-West	Silver
54	D. R . COLLEGE OF ENGINEERING & TECHNOLOGY	North-West	Silver
55	DATTA MEGHE INSTITUTE OF ENGINEERING TECHNOLOGY AND RESEARCH	Western	Gold
56	DEENBANDHU CHHOTU RAM UNIVERSITY OF SCI AND TECH	North-West	Silver
57	DELHI COLLEGE OF TECHNOLOGY & MANAGEMENT	North-West	Gold
58	DEOGIRI TECHNICAL CAMPUS FOR ENGINEERING AND MANAGEMENT STUDIES	Western	Gold
59	DHAANISH AHMED COLLEGE OF ENGINEERING	Southern	Silver
60	DR BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY LONERE	Western	Gold
61	DR N.G.P.INSTITUTE OF TECHNOLOGY	Southern	Platinum
62	DR. BABASAHEB AMBEDKAR COLLEGE OF ENGINEERING AND RESEARCH,	Western	Gold
63	DR. SUBHASH TECHNICAL CAMPUS	Central	Gold
64	DR.MAHALINGAM COLLEGE OF ENGINEERING AND TECHNOLOGY	Southern	Gold
65	DRIEMS	Eastern	Gold
66	DRONACHARYA GROUP OF INSTITUTIONS	Northern	Platinum
67	EASWARI ENGINEERING COLLEGE	Southern	Gold
68	ENGINEERING COLLEGE,AJMER	North-West	Gold
69	FACULTY OF ENGINEERING TECHNOLOGY & RESERACH	Central	Platinum
70	G.NARAYANAMMA INSTITUTE OF TECHNOLOGY & SCIENCE, FOR WOMEN	South-Central	Gold
71	G.PULLAIAH COLLEGE OF ENGINEERING AND TECHNOLOGY	South-Central	Gold
72	GANDHI INSTITUTE FOR TECHNOLOGY, BHUBANESWAR	Eastern	Gold
73	GANGA INSTITUTE OF TECHNOLOGY AND MANAGEMENT	North-West	Gold
74	GAYA COLLEGE OF ENGINEERING	Northern	Silver
75	GNANAMANI COLLEGE OF ENGINEERING	Southern	Gold
76	GNANAMANI COLLEGE OF TECHNOLOGY	Southern	Gold
77	GOVERNMENT COLLEGE OF ENGINEERING ,JALGAON(M.S.)	Western	Gold
78	GOVERNMENT COLLEGE OF ENGINEERING, CHANDRAPUR	Western	Gold
79	GOVERNMENT COLLEGE OF ENGINEERING, KARAD	Western	Gold
80	GOVERNMENT COLLEGE OF ENGINEERING,BARGUR	Southern	Gold
81	GOVERNMENT ENGINEERING COLLEGE	Central	Silver
82	GOVERNMENT ENGINEERING COLLEGE	Central	Silver
83	GOVERNMENT ENGINEERING COLLEGE JHALAWAR	North-West	Gold
84	GOVERNMENT ENGINEERING COLLEGE, AT.KATPUR, PATAN	Central	Gold
85	GOVERNMENT ENGINEERING COLLEGE, KUSHALNAGAR	South-West	Silver
86	GOVERNMENT ENGINEERING COLLEGE, WAYANAD	South-West	Silver
87	GOVERNMENT ENGINEERING COLLEGE,GODHRA	Central	Silver
88	GOVT. COLLEGE OF ENGINEERING AND TEXTILE TECHNOLOGY, BERHAMPORE	Eastern	Gold
89	GOVT. ENGINEERING COLLEGE RAIPUR	Central	Gold
90	GOVT. ENGINEERING COLLEGE, BARTON HILL	South-West	Gold
91	GOVT. ENGINEERING COLLEGE, HASSAN	South-West	Silver
92	GOVT. ENGINEERING COLLEGE, KOZHIKODE	South-West	Silver
93	GRT INSTITUTE OF ENGINEERING AND TECHNOLOGY	Southern	Gold
94	GURU NANAK INSTITUTE OF TECHNOLOGY		Silver
95	GURU NANAK INSTITUTIONS TECHNICAL CAMPUS	South-Central	Gold
96	GURUNANAK INSTITUTE OF TECHNOLOGY	Eastern	Silver
97	HALDIA INSTITUTE OF TECHNOLOGY	Eastern	Silver

S. No	Name of Institute	AICTE Region	Category
98	HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY	Southern	Gold
99	HMS INSTITUTE OF TECHNOLOGY	South-West	Silver
100	IES COLLEGE OF TECHNOLOGY, BHOPAL	Central	Platinum
101	IFET COLLEGE OF ENGINEERING	Southern	Gold
102	INDIAN INSTITUTE OF CROP PROCESSING TECHNOLOGY	Southern	Platinum
103	INSITUTE OF TECHNOLOGY KORBA	Central	Gold
104	INSTITUTE OF ENGINEERING & TECHNOLOGY	North-West	Gold
105	INSTITUTE OF INFORMATION TECHNOLOGY AND MANAGEMENT	North-West	Silver
106	ITM GROUP OF INSTITUTIONS (TECHNICAL CAMPUS)	Central	Gold
107	J B INSTITUTE OF TECHNOLOGY	Northern	Gold
108	JAN NAYAK CH. DEVI LAL MEMORIAL COLLEGE OF ENGINEERING	North-West	Silver
109	JAWAHARLAL COLLEGE OF ENGINEERING AND TECHNOLOGY	South-West	Gold
110	JAWAHARLAL NEHRU GOVERNMENT ENGINEERING COLLEGE	North-West	Gold
111	JHULELAL INSTITUTE OF TECHNOLOGY	Western	Gold
112	JIET SCHOOL OF ENGINEERING & TECHNOLOGY FOR GIRLS	North-West	Silver
113	JIS COLLEGE OF ENGINEERING	Eastern	Platinum
114	JNANAVIKAS INSTITUTE OF TECHNOLOGY	South-West	Silver
115	JNTUA COLLEGE OF ENGINEERING PULIVENDULA	South-Central	Gold
116	JNTUH INSTITUTE OF SCIENCE AND TECHNOLOGY	South-Central	Gold
117	JODHPUR INSTITUTE OF ENGINEERING & TECHNOLOGY	North-West	Silver
118	K L B DA V GIRLS COLLEGE FOR TECHNOLOGY	North-West	Silver
119	K.C.GROUP OF RESEARCH & PROFESSIONAL INSTITITUES PANDOGA	North-West	Silver
120	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE FOR WOMEN	South-Central	Silver
121	KALAIGNAR KARUNANIDHI INSTITUTE OF TECHNOLOGY	Southern	Gold
122	KARPAGAM COLLEGE OF ENGINEERING	Southern	Gold
123	KATHIR COLLEGE OF ENGINEERING	Southern	Gold
124	KCG COLLEGE OF TECHNOLOGY	Southern	Silver
125	KMEA ENGINEERING COLLEGE	South-West	Silver
126	KNOWLEDGE INSTITUTE OF TECHNOLOGY	Southern	Platinum
127	KONGUNADU COLLEGE OF ENGINEERING AND TECHNOLOGY	Southern	Gold
128	KSK COLLEGE OF ENGINEERING AND TECHNOLOGY	Southern	Silver
129	KURUKSHETRA INSTITUTE OF TECHNOLOGY & MANAGEMENT	North-West	Gold
130	LAKSHMI NARAIN COLLEGE OF TECHNOLOGY & SCIENCE	Central	Gold
131	LAXMI INSTITUTE OF TECHNOLOGY, SARIGAM	Central	Silver
132	LEELAVATI AWHAD INSTITUTE OF TECHNOLOGY M S & R	Western	Gold
133	LUKHDHIRJI ENGINEERING COLLEGE	Central	Gold
134	M.KUMARASAMY COLLEGE OF ENGINEERING	Southern	Platinum
135	MAAMALLAN INSTITUTE OF TECHNOLOGY	Southern	Gold
136	MAHARAJA INSTITUTE OF TECHNOLOGY	Eastern	Silver
137	MAHARASHTRA ACADEMY OF ENGINEERING AND EDUCATIONAL RESEARCH, MIT COLLEGE OF ENGINEERING, PUNE	Western	Gold
138	MAHATMA GANDHI INSTITUTE OF TECHNOLOGY	South-Central	Gold
139	MALABAR COLLEGE OF ENGINEERING AND TECHNOLOGY	South-West	Silver
140	MALLA REDDY ENGINEERING COLLEGE	South-Central	Gold
141	MANAKULA VINAYAGAR INSTITUTE OF TECHNOLOGY	Southern	Gold
142	MARATHWADA INSTITUTE OF TECHNOLOGY	Western	Gold
143	MARATHWADA MITRA MANDAL'S COLLEGE OF ENGINEERING	Western	Gold
144	MATA RAJKAUR INSTITUTE OF ENGINEERING AND TECHNOLOGY	North-West	Gold
145	MATOSHRI COLLEGE OF ENGINEERING & RESEARCH CENTRE, NASHIK	Western	Silver
146	MCKV INSTITUTE OF ENGINEERING	Eastern	Gold
147	MEERUT INSTITUTE OF ENGINEERING & TECHNOLOGY	Northern	Gold
148	MEWAT ENGINEERING COLLEGE (WAKF)	North-West	Gold
149	MIT COLLEGE OF ENGINEERING & MANAAGEMENT	North-West	Silver
150	MITTAL INSTITUTE OF TECHNOLOGY	Central	Gold
151	MKM COLLEGE OF POLYTECHNIC FOR GIRLS	North-West	Silver
152	MLV TEXTILE & ENGINEERING COLLEGE, BHILWARA	North-West	Silver
153	MOHAMMADIYA INSTITUTE OF TECHNOLOGY	South-Central	Silver
154	MORADABAD INSTITUTE OF TECHNOLOGY	Northern	Gold
155	MOTIHARI COLLEGE OF ENGINEERING, MOTIHARI	Northern	Silver
156	MOTILAL NEHRU NATIONAL INSTITUTE OF TECHNOLOGY ALLAHABAD	Northern	Gold
157	MP SCHOOL OF ENGINEERING	Northern	Silver
158	MURSHIDABAD COLLEGE OF ENGINEERING & TECHNOLOGY	Eastern	Gold
159	N. C. COLLEGE OF ENGINEERING	North-West	Silver
160	NADAR SARASWATHI COLLEGE OF ENGINEERING & TECHNOLOGY	Southern	Silver
161	NANDHA ENGINEERING COLLEGE	Southern	Gold
162	NARASU'S SARATHY INSTITUTE OF TECHNOLOGY	Southern	Silver
163	NARULA INSTITUTE OF TECHNOLOGY	Eastern	Gold

S. No	Name of Institute	AICTE Region	Category
164	NGF COLLEGE OF ENGINEERING & TECHNOLOGY	North-West	Gold
165	NITTE MEENAKSHI INSTITUTE OF TECHNOLOGY	South-West	Gold
166	NOBLE GROUP OF INSTITUTIONS	Central	Gold
167	NSHM KNOWLEDGE CAMPUS, DURGAPUR - GROUP OF INSTITUTIONS	Eastern	Gold
168	P.A.COLLEGE OF ENGINEERING AND TECHNOLOGY	Southern	Platinum
169	P.E.S. COLLEGE OF ENGINEERING	Western	Silver
170	P.T.R. COLLEGE OF ENGINEERING & TECHNOLOGY	Southern	Silver
171	PADMABHOOSHAN VASANTDADA PATIL INSTITUTE OF TECHNOLOGY, PUNE	Western	Gold
172	PADMASHREE DR. D. Y. PATIL INSTITUTE OF ENGINEERING & TECHNOLOGY	Western	Gold
173	PAILAN COLLEGE OF MANAGEMENT & TECHNOLOGY[B.TECH DIVISION]	Eastern	Gold
174	PANDIAN SARASWATHI YADAV ENGINEERING COLLEGE	Southern	Gold
175	PANIMALAR ENGINEERING COLLEGE	Southern	Gold
176	PANIMALAR INSTITUTE OF TECHNOLOGY	Southern	Platinum
177	PARUL INSTITUTE OF TECHNOLOGY	Central	Platinum
178	PAVAI COLLEGE OF TECHNOLOGY	Southern	Platinum
179	PERI INSTITUTE OF TECHNOLOGY	Southern	Gold
180	PES INSTITUTE OF TECHNOLOGY	South-West	Gold
181	PMR ENGINEERING COLLEGE	Southern	Gold
182	POORNIMA INSTITUTE OF ENGINEERING & TECHNOLOGY	North-West	Gold
183	POTTI SRIRAMULU CHALAVADI MALLIKARJUNA RAO COLLEGE OF ENGINEERING AND TECHNOLOGY	South-Central	Silver
184	PRATHYUSHA INSTITUTE OF TECHNOLOGY AND MANAGEMENT	Southern	Gold
185	PRESTIGE INSTITUTE OF ENGINEERING MANAGEMENT & RESEARCH	Central	Silver
186	R. R. INSTITUTE OF MODERN TECHNOLOGY	Northern	Silver
187	R.M.K. COLLEGE OF ENGINEERING AND TECHNOLOGY	Southern	Platinum
188	R.V. COLLEGE OF ENGINEERING	South-West	Gold
189	R.V.S. EDUCATIONAL TRUST'S GROUP OF INSTITUTIONS R.V.S. SCHOOL OF ENGINEERING & TECHNOLOGY, R.V.S. SCHOOL OF BUSINESS MANAGEMENT, R.V.S. SCHOOL OF COMPUTER APPLICATION	Southern	Gold
190	RADHASWAMI INSTITUTE OF TECHNOLOGY	Central	Gold
191	RAJADHANI INSTITUTE OF ENGINEERING AND TECHNOLOGY	South-West	Gold
192	RAJALAKSHMI INSTITUTE OF TECHNOLOGY	Southern	Gold
193	RAJIV GANDHI INSTITUTE OF TECHNOLOGY	South-West	Gold
194	RAM DEVI JINDAL EDUCATIONAL CHARITABLE SOCIETY GROUP OF INSTIUTIONS	North-West	Silver
195	RANGANATHAN ENGINEERING COLLEGE	Southern	Gold
196	RCC INSTITUTE OF INFORMATION TECHNOLOGY	Eastern	Silver
197	REGENT EDUCATION & RESEARCH FOUNDATION GROUP OF INSTITUTIONS	Eastern	Silver
198	ROEVER COLLEGE OF ENGINEERING & TECHNOLOGY	Southern	Silver
199	ROLAND INSTITUTE OF TECHNOLOGY	Eastern	Gold
200	RUNGTA COLLEGE OF ENGINEERING & TECHNOLOGY	Central	Gold
201	S LATE NARAYANDAS BHAWANDAS CHHABADA INSTITUTE OF ENGG	Western	Silver
202	S.P.B. PATEL ENGINEERING COLLEGE	Central	Gold
203	SACS M.A.V.M.M. ENGINEERING COLLEGE	Southern	Silver
204	SAGAR INSTITUTE OF RESEARCH & TECHNOLOGY	Central	Gold
205	SAMPOORNA GROUP OF INSTITUTIONS	South-West	Gold
206	SAMRAT ASHOK TECHNOLOGICAL INSTITUTE	Central	Silver
207	SANKALCHAND PATEL COLLEGE OF ENGINEERING, VISNAGAR	Central	Silver
208	SANKETIKA VIDYA PARISHAD ENGINEERING COLLEGE	South-Central	Silver
209	SARABHAI INSTITUTE OF SCIENCE AND TECHNOLOGY	South-West	Gold
210	SARDAR PATEL COLLEGE OF TECHNOLOGY	Central	Gold
211	SBM COLLEGE OF ENGINEERING & TECHNOLOGY	Southern	Gold
212	SEACOM ENGINEERING COLLEGE	Eastern	Gold
213	SELVAM COLLEGE OF TECHNOLOGY	Southern	Silver
214	SEMBODAI RUKMANI VARATHARAJAN ENGINEERING COLLEGE	Southern	Silver
215	SETHU INSTITUTE OF TECHNOLOGY	Southern	Gold
216	SHIVALIK COLLEGE OF ENGINEERING	Northern	Gold
217	SHIVANI COLLEGE OF ENGINEERING AND TECHNOLOGY	Southern	Gold
218	SHREE SWAMI ATMANAND SARASWATI INSTITUTE OF TECHNOLOGY	Central	Gold
219	SHREE VENKATESHWARA HI-TECH ENGINEERING COLLEGE	Southern	Gold
220	SHRI GURU GOBIND SINGHJI INSTITUTE OF ENGINEERING AND TECHNOLOGY	Western	Platinum
221	SHRI SHANKARACHARYA INSTITUTE OF PROFESSIONAL MANAGEMENT & TECHNOLOGY	Central	Gold
222	SHRI SOMESHWAR SHIKSHAN PRASARAK MANDALS, SOMESHWAR ENGINEERING COLLEGE	Western	Silver
223	SHRI TULJABHAVANI COLLEGE OF ENGINEERING	Western	Silver
224	SHRI VAISHNAV INSTITUTE OF TECHNOLOGY & SCIENCE,	Central	Gold
225	SHRI VILE PARLE KELAVANI MANDAL'S DWARKADAS J. SANGHVI COLLEGE OF ENGINEERING	Western	Gold
226	SHRI VISHNU ENGINEERING COLLEGE FOR WOMEN	South-Central	Gold

S. No	Name of Institute	AICTE Region	Category
227	SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY	South-West	Silver
228	SIDDHI VINAYAK COLLEGE OF SCIENCE & HR. EDUCATION	North-West	Gold
229	SIDDHI VINAYAK ENGINEERING & MANANGEMENT COLLEGE	North-West	Silver
230	SNS COLLEGE OF ENGINEERING	Southern	Gold
231	SNS COLLEGE OF TECHNOLOGY	Southern	Gold
232	SRAJAN INSTITUTE OF TECH. MANAGEMENT & SCIENCE	Central	Silver
233	SREE VIDYANIKETHAN ENGINEERING COLLEGE	South-Central	Gold
234	SRI SHAKTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY	Southern	Platinum
235	SRI ESHWAR COLLEGE OF ENGINEERING	Southern	Platinum
236	SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE	Southern	Silver
237	SRI RAAJA RAAJAN COLLEGE OF ENGINEERING AND TECHNOLOGY	Southern	Gold
238	SRI RAMACHANDRA POLYTECHNIC COLLEGE	Southern	Silver
239	SRI VENKATESA PERUMAL COLLEGE OF ENGINEERING & TECHNOLOGY	South-Central	Gold
240	SRI VENKATESWARA COLLEGE OF ENGINEERING	Southern	Gold
241	ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY	Southern	Silver
242	[illegible] EDUCATIONAL TRUST'S GROUP OF INSTITUTIONS	Northern	Silver
243	SVERI'S COLLEGE OF ENGINEERING, PANDHARPUR	Western	Gold
244	SVKM'S NARSEE MONJEE INSTITUTE OF MANAGEMENT STUDIES	Western	Gold
245	SVS COLLEGE OF ENGINEERING	Southern	Gold
246	SWAMI VIVEKANANDA INSTITUTE OF SCIENCE & TECHNOLOGY	Eastern	Silver
247	SYMBIOSIS INSTITUTE OF TECHNOLOGY	Western	Gold
248	SYNERGY INSTITUTE OF ENGINEERING & TECHNOLOGY	Eastern	Gold
249	SYNERGY INSTITUTE OF TECHNOLOGY	Eastern	Silver
250	T JOHN INSTITUTE OF TECHNOLOGY	South-West	Silver
251	TEEGALA KRISHNA REDDY ENGINEERING COLLEGE	South-Central	Gold
252	THEEM COLLEGE OF ENGINEERING	Western	Silver
253	TKR COLLEGE OF ENGINEERING & TECHNOLOGY	South-Central	Silver
254	TOC H INSTITUTE OF SCIENCE & TECHNOLOGY	South-West	Gold
255	TONTADARYA COLLEGE OF ENGINEERING	South-West	Silver
256	TRIGUNA SEN SCHOOL OF TECHNOLOGY	Eastern	Silver
257	TRIPURA INSTITUTE OF TECHNOLOGY	Eastern	Silver
258	TULSIRAMJI GAIKWAD-PATIL COLLEGE OF ENGINEERING AND TECHNOLOGY	Western	Gold
259	U. V. PATEL COLLEGE OF ENGINEERING	Central	Silver
260	UNITED COLLEGE OF ENGINEERING & RESEARCH	Northern	Gold
261	UNITED INSTITUTE OF TECHNOLOGY	Southern	Gold
262	UNIVERSITY COLLEGE OF ENGINGEERING KAKINADA	South-Central	Gold
263	UNIVERSITY INSTITUTE OF TECHNOLOGY	Eastern	Gold
264	USHA RAMA COLLEGE OF ENGINEERING AND TECHNOLOGY	South-Central	Gold
265	V V COLLEGE OF ENGINEERING	Southern	Gold
266	V.S.M. COLLEGE OF ENGINEERING	South-Central	Gold
267	VARDHAMAN COLLEGE OF ENGINEERING	South-Central	Gold
268	VEERAPPA NISTY ENGNINEERING COLLEGE	South-West	Silver
269	VEL TECH	Southern	Platinum
270	VEL TECH HIGH TECH DR.RANGARAJAN DR.SAKUNTHALA ENGINEERING COLLEGE	Southern	Gold
271	VEL TECH MULTI TECH DR.RANGARAJAN DR.SAKUNTHALA ENGINEERING COLLEGE	Southern	Platinum
272	VELAGAPUDI RAMAKRISHNA SIDDHARTHA ENGINEERING COLLEGE	South-Central	Gold
273	VELAMMAL COLLEGE OF ENGINEERING & TECHNOLOGY	Southern	Gold
274	VELAMMAL INSTITUTE OF TECHNOLOGY	Southern	Gold
275	VIDYA COLLEGE OF ENGINEERING	Northern	Gold
276	VIDYA VIKAS INSTITUTE OF ENGINEERING & TECHNOLOGY	South-West	Silver
277	VIGNANA BHARATHI INSTITUTE OF TECHNOLOGY	South-Central	Silver
278	VINS CHRISTIAN WOMEN`S COLLEGE OF ENGINEERING	Southern	Gold
279	VISHNU INSTITUTE OF TECHNOLOGY	South-Central	Gold
280	VISHWAKARMA INSTITUTE OF INFORMATION TECHNOLOGY	Western	Gold
281	VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY	Western	Gold
282	VIVEKANANDA INSTITUTE OF TECHNOLOGY	North-West	Gold
283	[illegible] EAST (FORMERLY VIVEKANANDA COLLEGE OF ENGINEERING)	North-West	Gold
284	YAMUNA INSTITUTE OF ENGINEERING & TECHNOLOGY	North-West	Gold
285	A. Y. DADABHAI TECHNICAL INSTITUTE	Central	Gold
286	ABDUL RAZZAK KALSEKAR POLYTECHNIC	Western	Gold
287	ABS ACADEMY OF POLYTECHNIC	Eastern	Silver
288	ABSS INSTITUTE OF TECHNOLOGY	Northern	Silver
289	ACHARYA POLYTECHNIC COLLEGE	Southern	Gold
290	ADVANCED TOOLING & PLASTICS PRODUCT DEVELOPMENT CENTRE	Southern	Gold
291	ALLAHABAD COLLEGE OF ENGINEERING AND MANAGEMENT	Northern	Silver
292	ATUL POLYTECHNIC	Central	Silver

S. No	Name of Institute	AICTE Region	Category
293	AUDISANKARA COLLEGE OF ENGINEERING & TECHNOLOGY	South-Central	Silver
294	B.G.S POLYTECHNIC	South-West	Silver
295	BCM POLYTECHNIC RAIYA	North-West	Gold
296	BENGAL INSTITUTE OF POLYTECHNIC	Eastern	Gold
297	CENTRAL INSTITUTE OF PLASTICS ENGINEERING AND TECHNOLOGY	North-West	Gold
298	DELHI COLLEGE OF TECHNOLOGY & MANAGEMENT	North-West	Gold
299	DR. BHEEM RAO AMBEDKAR POLYTECHNIC COLLEGE	Northern	Silver
300	DR. PANJABRAO DESHMUKH GIRLS POLYTECHNIC,AMRAVATI.	Western	Gold
301	DR.D.Y.PATIL POLYTECHNIC	Western	Gold
302	ELITTE INSTITUTE OF ENGINEERING AND MANAGEMENT (POLYTECHNIC)	Eastern	Gold
303	GANGA INSTITUTE OF TECHNOLOGY AND MANAGEMENT	North-West	Gold
304	GOVERMENT POLYTECHNIC AAMWALA	Northern	Gold
305	GOVERMENT POLYTECHNIC SIDDAPUR	South-West	Silver
306	GOVERNMENT CPC POLYTECHNIC	South-West	Silver
307	GOVERNMENT POLYTECHNIC	South-West	Silver
308	GOVERNMENT POLYTECHNIC BELLARY	South-West	Silver
309	GOVERNMENT POLYTECHNIC COLLEGE RAJSAMAND	North-West	Silver
310	GOVERNMENT POLYTECHNIC EDUCATION SOCIETY MANESAR	North-West	Silver
311	GOVERNMENT POLYTECHNIC PANAJI	Western	Silver
312	GOVERNMENT POLYTECHNIC, BANTWAL	South-West	Silver
313	GOVERNMENT POLYTECHNIC, HARIHARA	South-West	Silver
314	GOVERNMENT POLYTECHNIC, NAGAMANGALA	South-West	Silver
315	GOVERNMENT POLYTECHNIC, UTTARKASHI	Northern	Silver
316	GOVERNMENT POLYTECHNIC,K.G.F	South-West	Silver
317	GOVERNMENT WOMENS POLYTECHNIC KARKALA	South-West	Gold
318	GOVERNMENT WOMEN'S POLYTECHNIC,JAMSHEDPUR	Eastern	Silver
319	GOVT. POLYTECHNIC BIJAPUR(C.G.)	Central	Silver
320	GURU GOBIND SINGH POLYTECHNIC, NASHIK	Western	Gold
321	GURU RAAGAVINDRA POLYTECHNIC COLLEGE	Southern	Gold
322	INDO GERMAN TOOL ROOM	Central	Gold
323	INTEGRATED INSTITUTE OF TECHNOLOGY	North-West	Silver
324	JAI POLYTECHNIC	North-West	Gold
325	JHARKHAND GOVERNMENT MINI TOOL ROOM & TRAINING CENTRE	Eastern	Gold
326	JMCT POLYTECHNIC NASHIK	Western	Gold
327	KASHI NATH INSTITUTE OF TECHNOLOGY	Northern	Silver
328	KEONJHAR SCHOOL OF ENGINEERING, KEONJHAR	Eastern	Silver
329	KONGHU VELALAR POLYTECHNIC COLLEGE	Southern	Gold
330	LATE NARAYANDAS BHAWANDAS CHHABADA INSTITUTE OF TECHNOLOGY (POLYTECHNIC)	Western	Silver
331	M.B.T.S. GOVERNMENT POLYTECHNIC	South-Central	Silver
332	M.I.T.POLYTECHNIC	North-West	Silver
333	MAA VAISHNO MAA SHARDA POLYTECHNIC	Northern	Silver
334	MAHARAJA POLYTECHNIC	Eastern	Silver
335	MAHARANI POLYTECHNIC COLLEGE	Southern	Gold
336	MASS POLYTECHNIC COLLEGE, KUMBAKONAM	Southern	Gold
337	MEHR CHAND POLYTECHNIC COLLEGE	North-West	Gold
338	MILLENNIUM INSTITUTE OF MANAGEMENT (MBA)	South-West	Gold
339	MJP GOVERNMENT POLYTECHNIC COLLEGE, KHANDWA	Central	Silver
340	MKM COLLEGE OF POLYTECHNIC FOR GIRLS	North-West	Silver
341	MOTILAL NEHRU GOVERNMENT POLYTECHNIC COLLEGE	Southern	Silver
342	MP SCHOOL OF ENGINEERING	Northern	Silver
343	NIBEDITA POLYTECHNIC	Eastern	Silver
344	P.A POLYTECHNIC	South-West	Silver
345	P.V.POLYTECHNIC COLLEGE	Southern	Gold
346	POLYTECHINC COLLEGE NOWGONG	Central	Silver
347	PRESTIGE INSTITUTE OF ENGINEERING MANAGEMENT & RESEARCH	Central	Silver
348	PT. RAM ADHAR J. TIWARI COLLEGE OF POLYTECHNIC	Northern	Silver
349	QULI QUTUB SHAH GOVERNMENT POLYTECHNIC	South-Central	Silver
350	R E S POLYTECHNIC	South-West	Silver
351	RADHASWAMI INSTITUTE OF TECHNOLOGY	Central	Silver
352	RAIBAG POLYTECHNIC RAIBAG	South-West	Silver
353	RATNAPURI INSTITUTE OF TECHNOLOGY - COLLEGE OF POLYTECHNIC	South-Central	Gold
354	RATNAVEL SUBRAMANIAM POLYTECHNIC COLLEGE	Southern	Silver
355	RMS POLYTECHNIC	Central	Gold
356	S.E.S.POLYTECHNIC(GOVT AIDED)	South-West	Silver

S. No	Name of Institute	AICTE Region	Category
357	SANJAY GANDHI POLYTECHNIC (FORMERLY "SANJAY GANDHI RURAL POLYTECHNIC")	South-West	Silver
358	SATARA POLYTECHNIC,SATARA	Western	Silver
359	SEIKALATHUR KAMATCHI AMMAN POLYTECHNIC COLLEGE	Southern	Silver
360	SEMBODAI R.V.POLYTECHNIC COLLEGE	Southern	Silver
361	SH.GOKUL BHAI BHATT,GOVERNMENT POLYTECHNIC COLLEGE,SIROHI	North-West	Silver
362	SHARADCHANDRAJI PAWAR POLYTECHNIC COLLEGE	Western	Silver
363	SHREE N M GOPANI POLYTECHNIC INSTITUTE	Central	Gold
364	SHREE RAMAKRISHNA PARAMHANSH INSTITUTE OF TECHNOLOGY	Eastern	Silver
365	SHREE RAMKRISHNA INSTITUTE OF SCIENCE & TECHNOLOGY	Eastern	Silver
366	SHRI PRINCE SHIVAJI MARATHA BOARDING HOUSE'S NEW POLYTECHNIC	Western	Silver
367	SIDANA POLYTECHNIC COLLEGE	North-West	Silver
368	SIDDHI VINAYAK POLYTECHNIC	North-West	Silver
369	SRI KARPAGA POLYTECHNIC COLLEGE	Southern	Silver
370	SRI MAHALAKSHMI INSTITUTE OF TECHNOLOGY	South-West	Silver
371	SRI VENKATESA PERUMAL COLLEGE OF ENGINEERING & TECHNOLOGY	South-Central	Silver
372	ST XAVIER'S POLYTECHNIC COLLEGE	Southern	Gold
373	T.S.SRINIVASAN CENTRE FOR POLYTECHNIC COLLEGE AND ADVANCED TRAINING	Southern	Gold
374	TECHNIQUE POLYTECHNIC INSTITUTE	Eastern	Gold
375	THE OXFORD POLYTECHNIC	South-West	Silver
376	UNIVERSITY INSTITUTE OF TECHNOLOGY	Eastern	Silver
377	USHA RAMA COLLEGE OF ENGINEERING AND TECHNOLOGY	South-Central	Gold
378	V.V.SANGHA'S POLYTECHNIC	South-West	Silver
379	VIDYA BHAWAN POLYTECHNIC COLLEGE	North-West	Gold
380	VIDYA VIKAS EDUCATIONAL TRUST (R) POLYTECHNIC	South-West	Gold
381	YADUVANSH PRASAD MISHRA INSTITUTE OF PROFESSIONAL STUDIES	Northern	Silver
	Management		
1	SONA COLLEGE OF TECHNOLOGY	Southern	Platinum
2	"INSTITUTE OF MARKETING & MANAGEMENT - BUSINESS SCHOOL"	North-West	Platinum
3	A & M INSTITUTE OF MANAGEMENT AND TECHNOLOGY	North-West	Gold
4	A. J. INSTITUTE OF MANAGEMENT	South-West	Gold
5	ABS ACADEMY OF SCIENCE,TECHNOLOGY & MANAGEMENT	Eastern	Silver
6	ACHARYA INSTITUTE OF MANAGEMENT AND SCIENCES	South-West	Platinum
7	ACHARYA'S BANGALORE B-SCHOOL	South-West	Gold
8	ACROPOLIS FACULTY OF MANAGEMENT & RESEARCH	Central	Gold
9	ACROPOLIS TECHNICAL CAMPUS	Central	Gold
10	ADARSHA VIDYA KENDRA FIRST GRADE COLLEGE	South-West	Silver
11	ADHIPARASAKTHI ENGINEERING COLLEGE	Southern	Gold
12	ADITYA INSTITUTE OF TECHNOLOGY AND MANAGEMENT	South-Central	Silver
13	AFFINITY BUSINESS SCHOOL	Eastern	Gold
14	ALLAMA IQBAL INSTITUTE OF MANAGEMENT	South-West	Gold
15	ALPHA COLLEGE OF ENGINEERING	Southern	Silver
16	ALWAR SCHOOL OF BUSINESS AND COMPUTERS	South-Central	Gold
17	AMRITSAR COLLEGE OF ENGINEERING & TECHNOLOGY, AMRITSAR	North-West	Platinum
18	AMRUTVAHINI COLLEGE OF ENGINEERING, SANGAMNER	Western	Gold
19	ANNAPOORNA INSTITUTE OF MANAGEMENT RESEARCH	South-West	Gold
20	ARMY INSTITUTE OF HOTEL MANAGEMETN & CATERING TECHNOLOGY	South-West	Gold
21	ARMY INSTITUTE OF MANAGEMENT	Eastern	Silver
22	ARMY INSTITUTE OF MANAGEMENT & TECHNOLOGY	Northern	Gold
23	AUDISANKARA COLLEGE OF ENGINEERING & TECHNOLOGY	South-Central	Gold
24	AXIS INSTITUTE OF PLANNING AND MANAGEMENT	Northern	Gold
25	B V V SANGHA'S BASAVESHWAR ENGINEERING COLLEGE BAGALKOT	South-West	Gold
26	B. D. COLLEGE	Northern	Silver
27	B.M.S.COLLEGE OF ENGINEERING	South-West	Gold
28	BABU BANARSI DAS INSTITUTE OF TECHNOLOGY	Northern	Gold
29	BALAJI INSTITUTE OF ENGINEERING & SCIENCES	South-Central	Silver
30	BALAJI INSTITUTE OF TECHNOLOGY & SCIENCE	South-Central	Silver
31	BANNARI AMMAN INSTITUTE OF TECHNOLOGY	Southern	Gold
32	BHARATHIDASAN INSTITUTE OF MANAGEMENT	Southern	Platinum
33	BHARATHIDASAN SCHOOL OF BUSINESS	Southern	Gold
34	BIJU PATNAIK INSTITUTE OF INFORMATION TECHNOLOGY AND MANAGEMENT STUDIES	Eastern	Gold
35	BIRLA INSTITUTE OF TECHNOLOGY	Eastern	Gold
36	BLDEA'S A.S. PATIL COLLEGE OF COMMERCE, MBA COURSE, BIJAPUR	South-West	Gold
37	BODOLAND UNIVERSITY	Eastern	Silver
38	BRAHMAS INSTITUTE OF ENGINEERING AND TECHNOLOGY	South-Central	Silver
39	BUNDELKHAND INSTITUTE OF ENGINEERING & TECHNOLOGY JHANSI	Northern	Silver
40	C K SHAH VIJAPURWALA INSTITUTE OF MANAGEMENT	Central	Platinum

S. No	Name of Institute	AICTE Region	Category
41	C.A.R.E. GROUP OF INSTITUTIONS	Southern	Gold
42	C.V.RAMAN COLLEGE OF ENGINEERING	Eastern	Silver
43	CAMBRIDGE INSTITUTE OF TECHNOLOGY	Eastern	Silver
44	CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY	South-Central	Gold
45	CHANDIGARH BUSINESS SCHOOL OF ADMINISTRATION	North-West	Gold
46	CHANDIGARH GROUP OF COLLEGES	North-West	Silver
47	COLLEGE OF COMMERCE, PATNA	Northern	Silver
48	CONTINENTAL INSTITUTE OF ENGINEERING AND TECHNOLOGY	North-West	Silver
49	DATTA MEGHE INSTITUTE OF ENGINEERING TECHNOLOGY AND RESEARCH	Western	Gold
50	DATTA MEGHE INSTITUTE OF MANAGEMENT STUDIES	Western	Gold
51	DAYANANDA SAGAR COLLEGE OF ENGINEERING	South-West	Gold
52	DEENBANDHU CHHOTU RAM UNIVERSITY OF SCI AND TECH	North-West	Gold
53	DELHI INSTITUTE OF ADVANCED STUDIES	North-West	Gold
54	DELHI TECHNOLOGICAL UNIVERSITY	North-West	Gold
55	DEPARTMENT OF BUSINESS MANAGEMENT RASHTRASANT TUKDOJI MAHARAJ NAGPUR UNIVERSITY, NAGPUR	Western	Silver
56	DESH BHAGAT INSTITUTE OF MANAGEMENT AND COMPUTER SCIENCES	North-West	Platinum
57	DHAANISH AHMED COLLEGE OF ENGINEERING	Southern	Silver
58	DISHA INSTITUTE OF MANAGEMENT AND TECHNOLOGY (BE)	Central	Platinum
59	DR N.G.P.INSTITUTE OF TECHNOLOGY	Southern	Gold
60	DR. PANJABRAO DESHMUKH INSTITUTE OF MANAGEMENT TECHNOLOGY & RESEARCH, DHANWATE NATIONAL COLLEGE	Western	Gold
61	DR.S.RADHAKRISHNAN COLLEGE OF BUSINESS MANAGMENT	Western	Gold
62	DURGADEVI SARAF INSTITUTE OF MANAGEMENT STUDIES	Western	Platinum
63	DVM COLLEGE OF BUSINESS MANAGEMENT	South-Central	Silver
64	EASWARI ENGINEERING COLLEGE	Southern	Platinum
65	ERODE SENGUNTHAR ENGINEERING COLLEGE	Southern	Gold
66	FACULTY OF MANAGEMENT STUDIES	North-West	Silver
67	FACULTY OF RURAL DEVELOPMENT AND BUSINESS ADMINISTRATION,MAHATMA GANDHI CHITRAKOOT UNIVERSITY, CHITRAKOOT SATANA M.P.	Central	Silver
68	FAROOK INSTITUTE OF MANAGEMENT STUDIES	South-West	Silver
69	G. H. RAISONI COLLEGE OF ENGINEERING, NAGPUR.	Western	Gold
70	G.H. PATEL POSTGRADUATE INSTITUTE OF BUSINESS MANAGEMENT	Central	Silver
71	GANGA INSTITUTE OF TECHNOLOGY AND MANAGEMENT	North-West	Gold
72	GANPATI INSTITUTE OF HOTEL MANAGEMENT	North-West	Silver
73	GLOBAL INSTITUTE OF MANAGEMENT SCIENCES	South-West	Silver
74	GNA INSTITUTE OF MANAGEMENT AND TECHNOLOGY	North-West	Gold
75	GNANAMANI COLLEGE OF TECHNOLOGY	Southern	Gold
76	GNANAMANI INSTITUTE OF MANAGEMENT STUDIES	Southern	Gold
77	GOVERNMENT ENGINEERING COLLEGE JHALAWAR	North-West	Silver
78	GOVERNMENT FIRST GRADE COLLEGE	South-West	Silver
79	GOVT. POLYTECHNIC COLLEGE FOR GIRLS	North-West	Silver
80	GREEN HEAVEN INSTITUTE OF MANAGEMENT & RESEARCH	Western	Platinum
81	GRT INSTITUTE OF ENGINEERING AND TECHNOLOGY	Southern	Gold
82	GURU NANAK DEV ENGINEERING COLLEGE	North-West	Gold
83	GURUDEV INSTITUTE OF MANAGEMENT STUDIES	South-West	Silver
84	GURUNANAK INSTITUTE OF TECHNOLOGY	Eastern	Silver
85	HALDIA INSTITUTE OF TECHNOLOGY	Eastern	Silver
86	HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY	Southern	Gold
87	HMR INSTITUTE OF TECHNOLOGY AND MANAGEMENT	North-West	Silver
88	IFET COLLEGE OF ENGINEERING	Southern	Gold
89	INDIAN ACADEMY SCHOOL OF MANAGEMENT STUDIES	South-West	Gold
90	INDIAN INSTITUTE OF PLANTATION MANAGEMENT	South-West	Platinum
91	INDIAN INSTITUTE OF SOCIAL WELFARE AND BUSINESS MANAGEMENT	Eastern	Gold
92	INDIAN INSTITUTE OF TOURISM AND TRAVEL MANAGEMENT GWALIOR	Central	Silver
93	INDUS BUSINESS ACADEMY	Northern	Platinum
94	INSTITUTE OF ENGINEERING & TECHNOLOGY	North-West	Gold
95	INSTITUTE OF FINANCE & INTERNATIONAL MANAGEMENT	South-West	Gold
96	INSTITUTE OF HEALTH MANAGEMENT RESEARCH, JAIPUR	North-West	Platinum
97	INSTITUTE OF HOTEL MANAGEMENT	Western	Platinum
98	INSTITUTE OF MANAGEMENT	Western	Platinum
99	INSTITUTE OF MANAGEMENT STUDIES	Northern	Platinum
100	INSTITUTE OF MANAGEMENT STUDIES, NOIDA	Northern	Gold
101	INSTITUTE OF PUBLIC ENTERPRISE	South-Central	Gold
102	INTERNATIONAL INSTITUTE FOR SPECIAL EDUCATION	Northern	Gold
103	INTERNATIONAL INSTITUTE OF MANAGEMENT SCIENCE	Western	Gold
104	INTERNATIONAL MANAGEMENT INSTITUTE	North-West	Platinum
105	ISBR BUSINESS SCHOOL	South-West	Platinum

S. No	Name of Institute	AICTE Region	Category
106	JAGANNATH INTERNATIONAL MANAGEMENT SCHOOL	North-West	Platinum
107	JAIPURIA INSTITUTE OF MANAGEMENT	Northern	Gold
108	JAIPURIA INSTITUTE OF MANAGEMENT STUDIES	Northern	Gold
109	JAIPURIA INSTITUTE OF MANAGEMENT, INDORE	Central	Gold
110	JAYA ENGINEERING COLLEGE	Southern	Gold
111	JHULELAL INSTITUTE OF TECHNOLOGY	Western	Gold
112	JK BUSINESS SCHOOL	North-West	Gold
113	JNANAVIKAS INSTITUTE OF TECHNOLOGY	South-West	Silver
114	JODHPUR INSTITUTE OF ENGINEERING & TECHNOLOGY	North-West	Gold
115	JYOTIRMOY SCHOOL OF BUSINESS	Eastern	Gold
116	K.C REDDY P.G COLLEGE	South-Central	Silver
117	K.L.N.COLLEGE OF ENGINEERING	Southern	Platinum
118	K.L.S. GOGTE INSTITUTE OF TECHNOLOGY	South-West	Gold
119	K.S.RANGASAMY COLLEGE OF TECHNOLOGY - MBA	Southern	Gold
120	KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE	South-Central	Gold
121	KALAIGNAR KARUNANIDHI INSTITUTE OF TECHNOLOGY	Southern	Gold
122	KARNATAKA COLLEGE OF MANAGEMENT	South-West	Gold
123	KASEGAON EDUCATION SOCIETYS RAJARAMBAPU INSTITUTE OF TECHNOLOGY	Western	Gold
124	KATHIR COLLEGE OF ENGINEERING	Southern	Gold
125	KAUTILYA INSTITUTE OF MANAGEMENT AND RESEARCH	Western	Gold
126	KCL INSTITUTE OF MANAGEMENT AND TECHNOLOGY	North-West	Gold
127	KCT'S, K.R.SAPKAL COLLEGE OF MANAGEMENT STUDIES, ANJANERI,NASHIK	Western	Gold
128	KEJRIWAL INSTITUTE OF MANAGEMENT AND DEVELOPMENT STUDIES	Eastern	Gold
129	KGISL INSTITUTE OF INFORMATION MANAGEMENT	Southern	Gold
130	KHADER MEMORIAL COLLEGE OF ENGINEERING & TECHNOLOGY	South-Central	Silver
131	KIET GROUP OF INSTITUTIONS	Northern	Gold
132	KLBDAV GIRLS COLLEGE FOR MANAGEMENT	North-West	Silver
133	KLS INSTT. OF MGT., EDUCATION & RESEARCH	South-West	Gold
134	KONGU ENGINEERING COLLEGE-MBA	Southern	Platinum
135	KOSHYS INSTITUTE OF MANAGEMENT STUDIES	South-West	Gold
136	KUMARAGURU COLLEGE OF TECHNOLOGY	Southern	Gold
137	KURUKSHETRA INSTITUTE OF TECHNOLOGY & MANAGEMENT	North-West	Silver
138	LAL BAHADUR SHASTRI INSTITUTE OF MANAGEMENT AND TECHNOLOGY BAREILLY	Northern	Platinum
139	LEAD COLLEGE OF MANAGEMENT	South-West	Silver
140	M.A.M. B - SCHOOL	Southern	Silver
141	M.E.S. ADVANCED INSTITUTE OF MANAGEMENT AND TECHNOLOGY (MES-AIMAT)	South-West	Gold
142	M.KUMARASAMY COLLEGE OF ENGINEERING	Southern	Platinum
143	M.P.INSTITUTE OF MANAGEMENT & COMPUTER APPLICATION	Northern	Silver
144	M.S. PATEL INSTITUTE OF MANAGEMENT STUDIES (FACULTY OF MANAGEMENT STUDIES)	Central	Gold
145	MAAMALLAN INSTITUTE OF TECHNOLOGY	Southern	Gold
146	MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE	South-Central	Gold
147	MAHARAJA AGRASEN INSTITUTE OF TECHNOLOGY	North-West	Silver
148	MAHARASHTRA ACADEMY OF ENGINEERING AND EDUCATIONAL RESEARCH, MIT COLLEGE OF ENGINEERING, PUNE	Western	Gold
149	MAHARASHTRA INSTITUTE OF TECHNOLOGY	Western	Silver
150	MALLA REDDY COLLEGE OF ENGINEERING & TECHNOLOGY		Silver
151	MANAGEMENT DEVELOPMENT INSTITUTE	North-West	Gold
152	MANAKULA VINAYAGAR INSTITUTE OF TECHNOLOGY	Southern	Gold
153	MANAV RACHNA COLLEGE OF ENGINEERING	North-West	Gold
154	MARATHWADA MITRA MANDAL'S COLLEGE OF ENGINEERING	Western	Silver
155	MARTHOMA COLLEGE OF MANAGEMENT AND TECHNOLOGY	South-West	Platinum
156	MASTER SCHOOL OF MANAGEMENT	Northern	Platinum
157	MATSYODARI SHIKSHAN SANSTHA'S COLLEGE OF ENGINEERING AND TECHNOLOGY, JALNA	Western	Gold
158	MEASI INSTITUTE OF MANAGEMENT	Southern	Gold
159	MEERUT INSTITUTE OF ENGINEERING & TECHNOLOGY	Northern	Gold
160	MEPCO SCHLENK ENGINEERING COLLEGE	Southern	Gold
161	MET INSTITUTE OF MANAGEMENT	Western	Platinum
162	MILLENNIUM INSTITUTE OF MANAGEMENT (MBA)	South-West	Silver
163	MIT COLLEGE OF MANAGEMENT	Northern	Gold
164	MIT SCHOOL OF BUSINESS	Western	Gold
165	MKSSS'S SMT. HIRABEN NANAVATI INSTITUTE OF MANAGEMENT & RESEARCH FOR WOMEN	Western	Gold
166	MLR INSTITUTE OF TECHNOLOGY		Gold
167	MODEL INSTITUTE OF ENGINEERING AND TECHNOLOGY	North-West	Gold
168	MODERN INSTITUTE OF PHARMACEUTICAL SCIENCES	Central	Gold
169	MOHAMMADIYA INSTITUTE OF MANAGEMENT	South-Central	Silver
170	MORADABAD INSTITUTE OF TECHNOLOGY	Northern	Gold
171	MOTILAL NEHRU NATIONAL INSTITUTE OF TECHNOLOGY ALLAHABAD	Northern	Gold

S. No	Name of Institute	AICTE Region	Category
172	MUZAFFARNAGAR INSTITUTE OF TECHNOLOGY	Northern	Silver
173	NANDHA ENGINEERING COLLEGE	Southern	Gold
174	NARAYANA ENGINEERING COLLEGE	South-Central	Silver
175	NARULA INSTITUTE OF TECHNOLOGY	Eastern	Silver
176	NATIONAL INSTITUTE OF TECHNOLOGY TIRUCHIRAPPALLI	Southern	Gold
177	NEW DELHI INSTITUTE OF MANAGEMENT	North-West	Platinum
178	NGF COLLEGE OF ENGINEERING & TECHNOLOGY	North-West	Gold
179	NMAM INSTITUTE OF TECHNOLOGY, NITTE	South-West	Silver
180	NOBLE GROUP OF INSTITUTIONS	Central	Gold
181	NOBLE INSTITUTE OF SCIENCE AND TECHNOLOGY	South-Central	Silver
182	NSHM KNOWLEDGE CAMPUS, DURGAPUR - GROUP OF INSTITUTIONS	Eastern	Gold
183	OM KOTHARI INSTITUTE OF MANAGEMENT & RESEARCH	North-West	Platinum
184	ORIENTAL SCHOOL OF HOTEL MANAGEMENT	South-West	Gold
185	P.E.S. COLLEGE OF ENGINEERING, MANDYA	South-West	Silver
186	PAAVAI ENGINEERING COLLEGE	Southern	Platinum
187	PACIFIC BUSINESS SCHOOL	North-West	Gold
188	PACIFIC INSTITUTE OF MANAGEMENT	North-West	Gold
189	PADMASHREE DR. D. Y. PATIL INSTITUTE OF ENGINEERING & TECHNOLOGY	Western	Silver
190	PADMASHREE INSTITUTE OF MANAGEMENT STUDIES	South-West	Silver
191	PANIMALAR ENGINEERING COLLEGE	Southern	Gold
192	PARUL INSTITUTE OF ENGINEERING & TECHNOLOGY	Central	Gold
193	PARUL INSTITUTE OF MANAGEMENT	Central	Platinum
194	PARUL INSTITUTE OF MANAGEMENT AND RESEARCH	Central	Platinum
195	PENDEKANTI INSTITUTE OF MANAGEMENT	South-Central	Gold
196	PRATHYUSHA INSTITUTE OF TECHNOLOGY AND MANAGEMENT	Southern	Gold
197	PRESIDENCY SCHOOL OF MGMT AND COMP. SCIENCES-MBA	South-Central	Silver
198	PRESTIGE INSTITUTE OF INSTITUTE OF MANAGEMENT AND RESEARCH	Central	Gold
199	PRESTIGE INSTITUTE OF MANAGEMENT	Central	Platinum
200	PRIN L N WELINGKAR INSTITUTE OF MANAGEMENT DEVELOPMENT & RESEARCH	South-West	Platinum
201	PRIN. L.N. WELINGKAR INSTITUTE OF MANAGEMENT DEVELOPMENT & RESEARCH	Western	Platinum
202	PROF. RAM MEGHE INSTITUTE OF TECHNOLOGY AND RESEARCH	Western	Gold
203	PSIT-PRANVEER SINGH INSTITUTE OF TECHNOLOGY	Northern	Silver
204	PSNA COLLEGE OF ENGINEERING & TECHNOLOGY , - MBA PROGRAMME	Southern	Platinum
205	PUNJAB COLLEGE OF TECHNICAL EDUCATION	North-West	Gold
206	R S COLLEGE OF MANAGEMENT & SCIENCE	South-West	Gold
207	R S COLLEGE OF MANAGEMENT AND SCIENCE	South-West	Silver
208	R. R. INSTITUTE OF MODERN TECHNOLOGY	Northern	Silver
209	R.V. INSTITUTE OF MANAGEMENT	South-West	Gold
210	RAJARSHI SHAHU INSTITUTE OF MANAGEMENT	Western	Gold
211	RAJIV GANDHI INSTITUTE OF TECHNOLOGY	South-West	Gold
212	RAMNATH GULJARILAL KEDIA COLLEGE OF COMMERCE	South-Central	Gold
213	RANGANATHAN ENGINEERING COLLEGE	Southern	Silver
214	RAO BAHADUR Y MAHABALESWARAPPA ENGINEERING COLLEGE	South-West	Silver
215	RATHINAM COLLEGE OF ARTS AND SCIENCE	Southern	Platinum
216	REGENT EDUCATION & RESEARCH FOUNDATION GROUP OF INSTITUTIONS	Eastern	Silver
217	REGIONAL INSTITUTE OF COOPERATIVE MANAGEMENT	North-West	Silver
218	ROHIDAS PATIL INSTITUTE OF MANAGEMENT STUDIES	Western	Silver
219	RVS INSTITUTE OF MANAGEMENT STUDIES	Southern	Gold
220	S J C INSTITUTE OF TECHNOLOGY	South-West	Silver
221	S LATE NARAYANDAS BHAWANDAS CHHABADA INSTITUTE OF ENGG	Western	Silver
222	S.A.ENGINEERING COLLEGE	Southern	Platinum
223	S.D.M. COLLEGE OF ENGINEERING & TECHNOLOGY	South-West	Gold
224	SACRED HEART COLLEGE(AUTONOMOUS)	Southern	Gold
225	SAGAR INSTITUTE OF RESEARCH & TECHNOLOGY	Central	Silver
226	SAINTGITS COLLEGE OF ENGINEERING	South-West	Gold
227	SAMRAT ASHOK TECHNOLOGICAL INSTITUTE	Central	Silver
228	SAROSH INSTITUTE OF HOTEL ADMINISTRATION	South-West	Gold
229	SAVEETHA ENGINEERING COLLEGE	Southern	Gold
230	SCHOOL OF COMMERCE AND MANAGEMENT SCIENCES	Western	Gold
231	SEACOM ENGINEERING COLLEGE	Eastern	Silver
232	SELVAM COLLEGE OF TECHNOLOGY	Southern	Silver
233	SESHADRIPURAM INSTITUTE OF MANAGEMENT STUDIES	South-West	Gold
234	SETH JAI PARKASH MUKAND LAL INSTITUTE OF ENGINEERING & TECHNOLOGY	North-West	Gold
235	SHAH SATNAM JI INSTITUTE OF TECHNOLOGY AND MANAGEMENT	North-West	Silver
236	SHREE VENKATESHWARA HI-TECH ENGINEERING COLLEGE	Southern	Silver

S. No	Name of Institute	AICTE Region	Category
237	SHRI SHANKARACHARYA INSTITUTE OF PROFESSIONAL MANAGEMENT & TECHNOLOGY	Central	Gold
238	SHRI VAISHNAV INSTITUTE OF MANAGEMENT	Central	Gold
239	SHRI VISHNU ENGINEERING COLLEGE FOR WOMEN	South-Central	Gold
240	SHRIRAM INSTITUTE OF MANAGEMENT & TECHNOLOGY PG COLLEGE	Northern	Gold
241	SIDANA INSTITUTE OF MANAGEMENT AND TECHNOLOGY	North-West	Silver
242	SIDDAGANGA INSTITUTE OF TECHNOLOGY - MBA	South-West	Gold
243	SIDDHI VINAYAK COLLEGE OF SCIENCE & HR. EDUCATION	North-West	Gold
244	SINHGAD INSTITUTE OF MANAGEMENT	Western	Platinum
245	SINHGAD MANAGEMENT SCHOOL	Western	Gold
246	SIVA SIVANI INSTITUTE OF MANAGEMENT	South-Central	Platinum
247	SJES COLLEGE OF MANAGEMENT STURIES	South-West	Gold
248	SMT. SHANTI DEVI COLLEGE OF MANAGEMENT & TECHNOLOGY	North-West	Silver
249	SNGIST GROUP OF INSTITUTIONS	South-West	Gold
250	SNS COLLEGE OF ENGINEERING	Southern	Gold
251	SNS COLLEGE OF TECHNOLOGY	Southern	Gold
252	SREE SARASWATHI THYAGARAJA COLLEGE	Southern	Gold
253	SREENIDHI INSTITUTE OF SCIENCE & TECHNOLOGY	South-Central	Gold
254	SRI KALISWARI INSTITUTE OF MANAGEMENT AND TECHNOLOGY	Southern	Gold
255	SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE	Southern	Silver
256	SRI RAMAKRISHNA ENGINEERING COLLEGE	Southern	Platinum
257	SRI SHARADA INSTITUTE OF INDIAN MANAGEMENT RESEARCH	North-West	Platinum
258	SRI SUBBARAYA & NARAYANA COLLEGE	South-Central	Silver
259	SRI SUKHMANI INSTITUTE OF ENGINEERING & TECHNOLOGY	North-West	Gold
260	SRI VENKATESA PERUMAL COLLEGE OF ENGINEERING & TECHNOLOGY	South-Central	Silver
261	SRI VENKATESHWARA COLLEGE OF ENGINEERING	South-West	Gold
262	SRI VENKATESHWARA COLLEGE OF FINE ARTS	South-Central	Platinum
263	SRI VENKATESHWARA POLYTECHNIC	South-West	Silver
264	SURAJMAL LAXMI DEVI SAWARTHIA EDUCATIONAL TRUST'S GROUP OF INSTITUTIONS	Northern	Silver
265	SURYADATTA INSTITUTE OF MANAGEMENT AND MASS COMMUNICATION	Western	Platinum
266	SVERI'S COLLEGE OF ENGINEERING, PANDHARPUR	Western	Gold
267	SWAMI VIVEKANANDA INSTITUTE OF MANAGEMENT & COMPUTER SCIENCE	Eastern	Gold
268	TEEGALA KRISHNA REDDY ENGINEERING COLLEGE	South-Central	Gold
269	THANTHAI HANS ROEVER COLLEGE	Southern	Gold
270	THE OXFORD COLLEGE OF ENGINEERING	South-West	Silver
271	TILAK RAJ CHADHA INSTITUTE OF MGMT. & TECH.	North-West	Platinum
272	TIRPUDE INSTITUTE OF MANAGEMENT EDUCATION	Western	Gold
273	TKM INSTITUTE OF MANAGEMENT	South-West	Platinum
274	TKR INSTITUTE OF MANAGEMENT & SCIENCE	South-Central	Gold
275	TULSIRAMJI GAIKWAD-PATIL COLLEGE OF ENGINEERING AND TECHNOLOGY	Western	Gold
276	UNITED INSTITUTE OF MANAGEMENT (MBA)	Northern	Platinum
277	UNIVERSAL BUSINESS SCHOOL	Western	Platinum
278	UNIVERSITY INSTITUTE OF CHEMICAL ENGINEERING AND TECHNOLOGY	North-West	Gold
279	UNIVERSITY INSTITUTE OF TECHNOLOGY	Eastern	Silver
280	VAAGDEVI INSTITUTE OF TECHNOLOGY & SCIENCE	South-Central	Gold
281	VAIKUNTH MEHTA NATIONAL INSTITUTE OF COOPERATIVE MANAGEMENT	Western	Silver
282	VAISHALI INSTITUTE OF BUSINESS & RURAL MANAGEMENT	Northern	Gold
283	VEL TECH HIGH TECH DR.RANGARAJAN DR.SAKUNTHALA ENGINEERING COLLEGE	Southern	Gold
284	VENNELA INSTITUTE OF BUSINESS ADMINISTRATION	South-Central	Silver
285	VIDYA COLLEGE OF ENGINEERING	Northern	Silver
286	VIDYA PRATISHTHANS INSTITUTE OF INFORMATION TECHNOLOGY	Western	Gold
287	VIDYA VIKAS INSTITUTE OF ENGINEERING & TECHNOLOGY	South-West	Silver
288	VIDYASAGAR UNIVERSITY	Eastern	Silver
289	VNS GROUP OF INSTITUTIONS	Central	Platinum
290	VPM'S DR. V.N.BEDEKAR INSTITUTE OF MANAGEMENT STUDIES	Western	Gold
291	YAMUNA INSTITUTE OF ENGINEERING & TECHNOLOGY	North-West	Gold
	Mechanical Engineering and Allied		
1	SONA COLLEGE OF TECHNOLOGY	Southern	Platinum
2	A.A.N.M. & V.V.R.S.R. POLYTECHNIC	South-Central	Gold
3	A.D.PATEL INSTITUTE OF TECHNOLOGY	Central	Gold
4	ABDUL RAZZAK KALSEKAR POLYTECHNIC	Western	Gold
5	ABES ENGINEERING COLLEGE	Northern	Gold
6	ACHARYA INSTITUTE OF TECHNOLOGY	South-West	Gold
7	ADHIPARASAKTHI ENGINEERING COLLEGE	Southern	Gold
8	ADITYA INSTITUTE OF TECHNOLOGY AND MANAGEMENT	South-Central	Gold
9	ADVANCED TECHNICAL TRAINING CENTRE	Eastern	Gold
10	AJAY KUMAR GARG ENGINEERING COLLEGE	Northern	Platinum

S. No	Name of Institute	AICTE Region	Category
11	ALAGAPPA CHETTIAR COLLEGE OF ENGINEERING AND TECHNOLOGY	Southern	Gold
12	AMAL JYOTHI COLLEGE OF ENGINEERING	South-West	Gold
13	AMITY SCHOOL OF ENGINEERING & TECHNOLOGY	North-West	Gold
14	AMRITSAR COLLEGE OF ENGINEERING & TECHNOLOGY, AMRITSAR	North-West	Gold
15	ANAND INSTITUTE OF HIGHER TECHNOLOGY	Southern	Gold
16	ANDHRA POLYTECHNIC	South-Central	Silver
17	ANDHRA UNIVERSITY COLLEGE OF ENGINEERING	South-Central	Gold
18	ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES	South-Central	Gold
19	ANURAG ENGINEERING COLLEGE	South-Central	Gold
20	ARMY INSTITUTE OF TECHNOLOGY	Western	Gold
21	B V BHOOMARADDI COLLEGE OF ENGINEERING & TECHNOLOGY	South-West	Gold
22	B V V SANGHA'S BASAVESHWAR ENGINEERING COLLEGE BAGALKOT	South-West	Gold
23	B. V. V. S. POLYTECHNIC,BAGALKOT.	South-West	Platinum
24	B.M.S.COLLEGE OF ENGINEERING	South-West	Gold
25	BABU BANARSI DAS INSTITUTE OF TECHNOLOGY	Northern	Gold
26	BALLARI INSTITUTE OF TECHNOLOGY & MANAGEMENT	South-West	Gold
27	BANNARI AMMAN INSTITUTE OF TECHNOLOGY	Southern	Platinum
28	BEANT COLLEGE OF ENGINEERING & TECHNOLOGY,GURDASPUR	North-West	Gold
29	BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY	South-Central	Silver
30	BHARATI VIDYAPEETH DEEMED UNIVERSITY COLLEGE OF ENGINEERING	Western	Gold
31	BIRLA INSTITUTE OF TECHNOLOGY	Eastern	Gold
32	BIRLA VISHVAKARMA MAHAVIDYALAYA	Central	Gold
33	BMS INSTITUTE OF TECHNOLOGY & MANAGEMENT	South-West	Gold
34	BUNDELKHAND INSTITUTE OF ENGINEERING & TECHNOLOGY JHANSI	Northern	Silver
35	C.V.RAMAN COLLEGE OF ENGINEERING	Eastern	Gold
36	CAMBRIDGE INSTITUTE OF TECHNOLOGY	Eastern	Gold
37	CENTRAL TOOL ROOM	North-West	Gold
38	CHANDIGARH ENGINEERING COLLEGE	North-West	Gold
39	CHANDY POLYTECHNIC COLLEGE	Southern	Silver
40	CHOUKSEY ENGINEERING COLLEGE	Central	Gold
41	COCHIN UNIVERSITY OF SCIENCE AND TECHNOLOGY	South-West	Gold
42	COIMBATORE INSTITUTE OF TECHNOLOGY	Southern	Gold
43	COLLEGE OF ENGINEERING AND TECHNOLOGY	Eastern	Gold
44	COLLEGE OF ENGINEERING, THALASSERY	South-West	Gold
45	COLLEGE OF TECHNOLOGY AND ENGINEERING	North-West	Silver
46	D.K.T.E. SOCIETY'S TEXTILE & ENGINEERING INSTITUTE	Western	Gold
47	DACG GOVERNMENT POLYTECHNIC	South-West	Silver
48	DAYANANDA SAGAR COLLEGE OF ENGINEERING	South-West	Gold
49	DAYANANDA SAGAR INSTITUTE OF TECHNOLOGY (POLYTECHNIC)	South-West	Gold
50	DEENBANDHU CHHOTU RAM UNIVERSITY OF SCI AND TECH	North-West	Gold
51	DELHI INSTITUTE OF TOOL ENGINEERING	North-West	Gold
52	DESH BHAGAT ENGINEERING COLLEGE	North-West	Silver
53	DIBRUGARH POLYTECHNIC	Eastern	Gold
54	DISHA INSTITUTE OF MANAGEMENT AND TECHNOLOGY (BE)	Central	Gold
55	DR BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY LONERE	Western	Gold
56	DR. AMBEDKAR INSTITUTE OF TECHNOLOGY	South-West	Gold
57	DR. S. & S. S. GHANDHY GOVERNMENT ENGINEERING COLLEGE, SURAT.	Central	Silver
58	DR.MAHALINGAM COLLEGE OF ENGINEERING AND TECHNOLOGY	Southern	Platinum
59	DRONACHARYA COLLEGE OF ENGINEERING	North-West	Platinum
60	EASWARI ENGINEERING COLLEGE	Southern	Gold
61	ENGINEERING COLLEGE,AJMER	North-West	Silver
62	ERODE SENGUNTHAR ENGINEERING COLLEGE	Southern	Platinum
63	FACULTY OF TECHNOLOGY & ENGINEERING, THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA	Central	Silver
64	FRANCIS XAVIER ENGINEERING COLLEGE	Southern	Silver
65	G. H. RAISONI COLLEGE OF ENGINEERING, NAGPUR.	Western	Platinum
66	G.B.PANT ENGINEERING COLLEGE	Northern	Silver
67	GAYATRI VIDYA PARISHAD COLLEGE OF ENGINEERING	South-Central	Gold
68	GIANI ZAIL SINGH COLLEGE OF ENGINEERING & TECHNOLOGY, BATHINDA	North-West	Gold
69	GMR INSTITUTE OF TECHNOLOGY	South-Central	Gold
70	GOKARAJU RANGARAJU INSTITUTE OF ENGINEERING & TECHNOLOGY(E&T)	South-Central	Gold
71	GOVERNMENT COLLEGE OF ENGINEERING ,JALGAON(M.S.)	Western	Gold
72	GOVERNMENT COLLEGE OF ENGINEERING KANNUR	South-West	Gold
73	GOVERNMENT COLLEGE OF ENGINEERING, AMRAVATI	Western	Gold
74	GOVERNMENT COLLEGE OF ENGINEERING, AURANGABAD (ACADEMIC AUTONOMOUS)	Western	Gold
75	GOVERNMENT COLLEGE OF ENGINEERING, CHANDRAPUR	Western	Gold

S. No	Name of Institute	AICTE Region	Category
76	GOVERNMENT COLLEGE OF ENGINEERING, KARAD	Western	Gold
77	GOVERNMENT COLLEGE OF ENGINEERING,SALEM	Southern	Gold
78	GOVERNMENT COLLEGE OF TECHNOLOGY	Southern	Gold
79	GOVERNMENT CPC POLYTECHNIC	South-West	Gold
80	GOVERNMENT ENGINEERING COLLEGE BILASPUR	Central	Gold
81	GOVERNMENT ENGINEERING COLLEGE, AT.KATPUR, PATAN	Central	Gold
82	GOVERNMENT POLYTECHNIC	South-West	Silver
83	GOVERNMENT POLYTECHNIC BELLARY	South-West	Silver
84	GOVERNMENT POLYTECHNIC CHINTAMANI	South-West	Silver
85	GOVERNMENT POLYTECHNIC COLLEGE, KALAMASRERY	South-West	Silver
86	GOVERNMENT POLYTECHNIC EDUCATION SOCIETY MANESAR	North-West	Silver
87	GOVERNMENT POLYTECHNIC FOR MINORITIES	South-Central	Silver
88	GOVERNMENT POLYTECHNIC GULBARGA	South-West	Silver
89	GOVERNMENT POLYTECHNIC NAGPUR	Western	Gold
90	GOVERNMENT POLYTECHNIC PANAJI	Western	Gold
91	GOVERNMENT POLYTECHNIC PUNE	Western	Platinum
92	GOVERNMENT POLYTECHNIC, CHHOTAUDEPUR	Central	Silver
93	GOVT. ENGG. COLLEGE, JAGDALPUR, BASTAR, CHHATTISGARH	Central	Silver
94	GOVT. ENGINEERING COLLEGE, BARTON HILL	South-West	Gold
95	GOVT. ENGINEERING COLLEGE, KOZHIKODE	South-West	Silver
96	GOVT. POLYTECHNIC HAMIRPUR	North-West	Gold
97	GOVT.POLYTECHNIC	South-West	Silver
98	GOVT.POLYTECHNIC COLLEGE ALWAR	North-West	Gold
99	GOVT.POLYTECHNIC COLLEGE,PERINTHALMANNA	South-West	Silver
100	GURU GOBIND SINGH POLYTECHNIC, NASHIK	Western	Gold
101	GURU JAMBHESHWAR UNIVERSITY OF SCIENCE & TECHNOLOGY	North-West	Gold
102	GURU NANAK DEV ENGINEERING COLLEGE	North-West	Gold
103	GURU NANAK DEV POLYTECHNIC COLLEGE	North-West	Silver
104	GURU NANAK INSTITUTIONS TECHNICAL CAMPUS	South-Central	Gold
105	GURU RAMDAS KHALSA INSTITUTE OF SCIENCE & TECHNOLOGY	Central	Gold
106	HALDIA INSTITUTE OF TECHNOLOGY	Eastern	Silver
107	HINDUSTAN INSTITUTE OF ENGINEERING TECHNOLOGY POLYTECHNIC COLLEGE	Southern	Gold
108	HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY	Southern	Gold
109	HMR INSTITUTE OF TECHNOLOGY AND MANAGEMENT	North-West	Silver
110	HMS INSTITUTE OF TECHNOLOGY	South-West	Silver
111	HRH THE PRINCE OF WALES INSTITUTE OF ENGG. & TECH.,	Eastern	Silver
112	IFET COLLEGE OF ENGINEERING	Southern	Gold
113	INDO GERMAN TOOL ROOM	Western	Platinum
114	INS SHIVAJI, CENTRE OF MARINE ENGINEERING TECHNOLOGY	Western	Gold
115	INSTITUTE OF ENGINEERING & TECHNOLOGY, MJP ROHILKHAND UNIVERSITY	Northern	Silver
116	INSTITUTE OF ENGINEERING & TECHNOLOGY-BHADDAL (ROPAR)	North-West	Gold
117	INSTITUTE OF ENGINEERING AND TECHNOLOGY	Northern	Silver
118	INSTITUTE OF ENGINEERING AND TECHNOLOGY	South-West	Silver
119	ITM GROUP OF INSTITUTIONS (TECHNICAL CAMPUS)	Central	Gold
120	JADAVPUR UNIVERSITY	Eastern	Gold
121	JAN NAYAK CH. DEVI LAL MEMORIAL COLLEGE OF ENGINEERING	North-West	Silver
122	JAYA ENGINEERING COLLEGE	Southern	Gold
123	JNTUA COLLEGE OF ENGINEERING	South-Central	Gold
124	JNTUH COLLEGE OF ENGINEERING HYDERABAD		Gold
125	JODHPUR INSTITUTE OF ENGINEERING & TECHNOLOGY	North-West	Gold
126	K.L.N.COLLEGE OF ENGINEERING	Southern	Gold
127	K.L.NAGASWAMY MEMORIAL POLYTECHNIC COLLEGE	Southern	Platinum
128	K.L.S. GOGTE INSTITUTE OF TECHNOLOGY	South-West	Gold
129	K.S.RANGASAMY COLLEGE OF TECHNOLOGY	Southern	Gold
130	KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE	South-Central	Gold
131	KAMLA NEHRU INSTITUTE OF TECHNOLOGY , SULTANPUR	Northern	Silver
132	KARMAVEER KAKASAHEB WAGH POLYTECHNIC, NASHIK	Western	Gold
133	KARPAGAM COLLEGE OF ENGINEERING	Southern	Gold
134	KASEGAON EDUCATION SOCIETYS RAJARAMBAPU INSTITUTE OF TECHNOLOGY	Western	Platinum
135	KCG COLLEGE OF TECHNOLOGY	Southern	Silver
136	KIET GROUP OF INSTITUTIONS	Northern	Gold
137	KIRODIMAL INSTITUTE OF TECHNOLOGY	Central	Silver
138	KONGU ENGINEERING COLLEGE	Southern	Platinum
139	KUMARAGURU COLLEGE OF TECHNOLOGY	Southern	Gold
140	LAKSHMI NARAIN COLLEGE OF TECHNOLOGY	Central	Gold

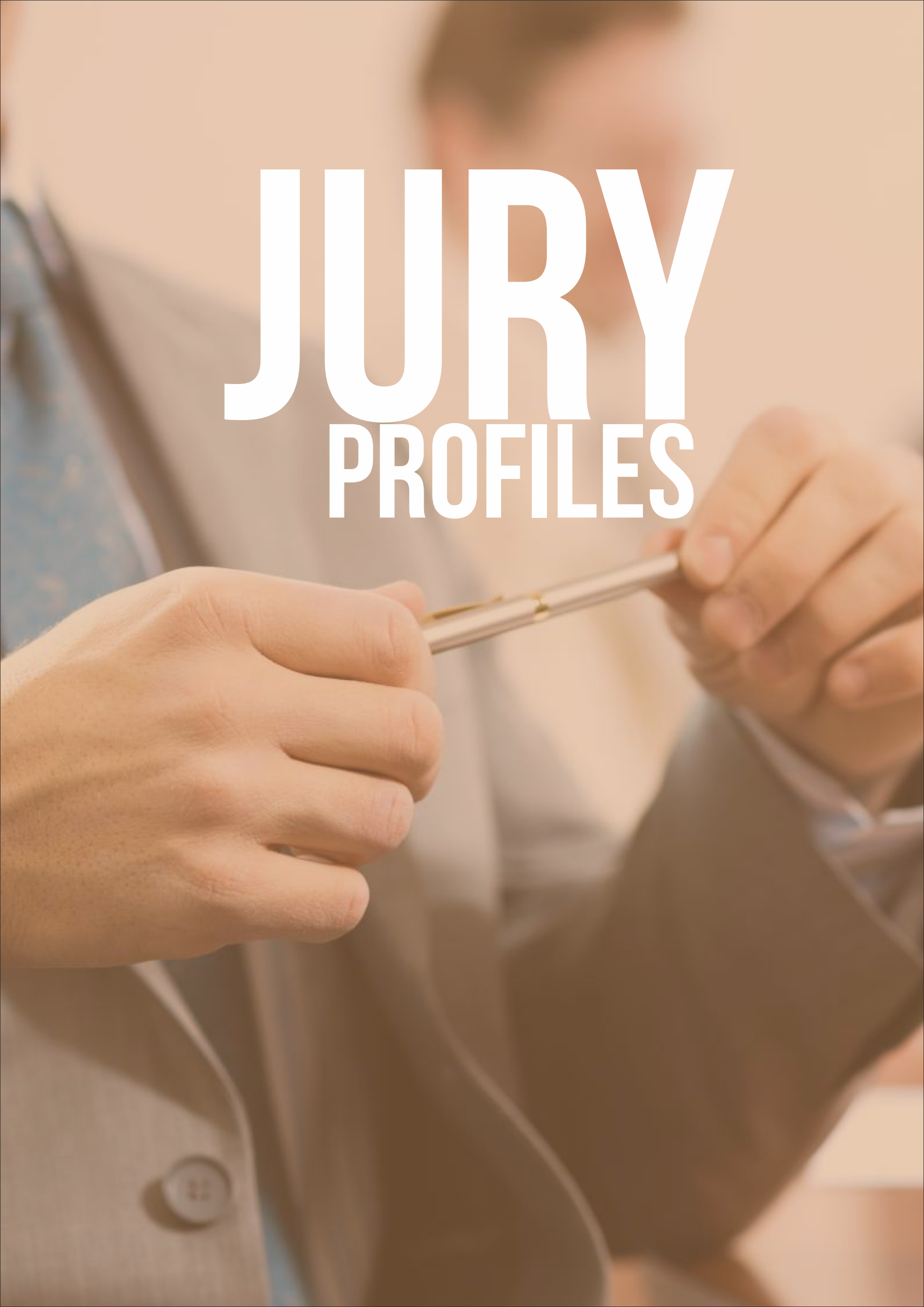
S. No	Name of Institute	AICTE Region	Category
141	LOYOLA INSTITUTE OF TECHNOLOGY	Southern	Silver
142	LUDHIANA COLLEGE OF ENGINEERING & TECHNOLOGY, KATANI KALAN, LUDHIANA.	North-West	Silver
143	LUKHDHIRJI ENGINEERING COLLEGE	Central	Gold
144	M S ENGINEERING COLLEGE	South-West	Gold
145	M. S. RAMAIAH INSTITUTE OF TECHNOLOGY	South-West	Gold
146	M.B.T.S. GOVERNMENT POLYTECHNIC	South-Central	Silver
147	M.KUMARASAMY COLLEGE OF ENGINEERING	Southern	Platinum
148	MAAMALLAN INSTITUTE OF TECHNOLOGY	Southern	Gold
149	MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE	South-Central	Gold
150	MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE	Central	Gold
151	MAHARAJA AGRASEN INSTITUTE OF TECHNOLOGY	North-West	Gold
152	MAHARASHTRA INSTITUTE OF TECHNOLOGY	Western	Gold
153	MAHATMA GANDHI INSTITUTE OF TECHNOLOGY	South-Central	Gold
154	MALLA REDDY ENGINEERING COLLEGE	South-Central	Gold
155	MALNAD COLLEGE OF ENGINEERING	South-West	Gold
156	MANAV RACHNA COLLEGE OF ENGINEERING	North-West	Gold
157	MARATHWADA INSTITUTE OF TECHNOLOGY	Western	Gold
158	MATSYODARI SHIKSHAN SANSTHA'S COLLEGE OF ENGINEERING AND TECHNOLOGY, JALNA	Western	Silver
159	MEERUT INSTITUTE OF ENGINEERING & TECHNOLOGY	Northern	Gold
160	MEPCO SCHLENK ENGINEERING COLLEGE	Southern	Gold
161	MIZORAM POLYTECHNIC	Eastern	Silver
162	MJP GOVERNMENT POLYTECHNIC COLLEGE, KHANDWA	Central	Gold
163	MLR INSTITUTE OF TECHNOLOGY		Gold
164	MOHANDAS COLLEGE OF ENGINEERING AND TECHNOLOGY	South-West	Gold
165	MORADABAD INSTITUTE OF TECHNOLOGY	Northern	Gold
166	MOTICHAND LENGADE BHARATESH POLYTECHNIC	South-West	Gold
167	MRR INSTITUTE OF TECHNOLOGY & SCIENCE, UDAYAGIRI	South-Central	Gold
168	MURUGAPPA POLYTECHNIC COLLEGE	Southern	Platinum
169	MUTHAYAMMAL POLYTECHNIC COLLEGE	Southern	Silver
170	MUTHIAH POLYTECHNIC COLLEGE	Southern	Gold
171	MVJ COLLEGE OF ENGINEERING	South-West	Gold
172	N. C. COLLEGE OF ENGINEERING	North-West	Gold
173	NACHIMUTHU POLYTECHNIC COLLEGE	Southern	Platinum
174	NAGARJUNA COOLEGE OF ENGINEERING & TECHNOLOGY	South-West	Gold
175	NANDHA ENGINEERING COLLEGE	Southern	Gold
176	NATIONAL ENGINEERING COLLEGE	Southern	Gold
177	NATIONAL INSTITUTION OF TECHNICAL TEACHERS' TRAINING & RESEARCH	North-West	Silver
178	NEHRU COLLEGE OF ENGINEERING AND RESEARCH CENTRE	South-West	Gold
179	NITTE MEENAKSHI INSTITUTE OF TECHNOLOGY	South-West	Gold
180	NMAM INSTITUTE OF TECHNOLOGY, NITTE	South-West	Silver
181	ORISSA ENGINEERING COLLEGE	Eastern	Gold
182	ORISSA SCHOOL OF MINING ENGINEERING	Eastern	Gold
183	P.A.C. RAMASAMY RAJA POLYTECHNIC COLLEGE	Southern	Platinum
184	P.E.S. COLLEGE OF ENGINEERING	Western	Silver
185	P.E.S. COLLEGE OF ENGINEERING, MANDYA	South-West	Gold
186	P.V.POLYTECHNIC COLLEGE	Southern	Gold
187	PAAVAI ENGINEERING COLLEGE	Southern	Platinum
188	PADMABHOOSHAN VASANTRAODADA PATIL INSTITUTE OF TECHNOLOGY	Western	Gold
189	PADMABHOOSHAN VASANTRAODADA PATIL INSTITUTE OF TECHNOLOGY	Western	Gold
190	PANIMALAR ENGINEERING COLLEGE	Southern	Gold
191	PARUL INSTITUTE OF ENGINEERING & TECHNOLOGY	Central	Platinum
192	PARUL INSTITUTE OF ENGINEERING & TECHNOLOGY (DIPLOMA STUDIES)	Central	Platinum
193	PES INSTITUTE OF TECHNOLOGY	South-West	Gold
194	POLYTECHINC COLLEGE NOWGONG	Central	Silver
195	POLYTECHNIC, THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA	Central	Gold
196	PONDICHERRY ENGINEERING COLLEGE	Southern	Silver
197	POORNIMA COLLEGE OF ENGINEERING	North-West	Gold
198	PRAGATI ENGINEERING COLLEGE	South-Central	Gold
199	PROF. RAM MEGHE INSTITUTE OF TECHNOLOGY AND RESEARCH	Western	Gold
200	PSG COLLEGE OF TECHNOLOGY	Southern	Gold
201	PSG POLYTECHNIC COLLEGE	Southern	Platinum
202	PSIT-PRANVEER SINGH INSTITUTE OF TECHNOLOGY	Northern	Silver
203	PSNA COLLEGE OF ENGINEERING AND TECHNOLOGY , DINDIGUL	Southern	Platinum
204	QULI QUTUB SHAH GOVERNMENT POLYTECHNIC	South-Central	Silver
205	R E S POLYTECHNIC	South-West	Silver
206	R&D CENTRE FOR BICYCLE & SEWING MACHINE	North-West	Silver

S. No	Name of Institute	AICTE Region	Category
207	R.M.K. ENGINEERING COLLEGE	Southern	Platinum
208	R.V. COLLEGE OF ENGINEERING	South-West	Platinum
209	R.V.R.& J.C.COLLEGE OF ENGINEERING	South-Central	Gold
210	RAIBAG POLYTECHNIC RAIBAG	South-West	Gold
211	RAJALAKSHMI ENGINEERING COLLEGE (ENGINEERING & TECHNOLOGY)	Southern	Platinum
212	RAJIV GANDHI INSTITUTE OF TECHNOLOGY,KOTTAYAM	South-West	Gold
213	RAO BAHADUR Y MAHABALESWARAPPA ENGINEERING COLLEGE	South-West	Silver
214	RMS POLYTECHNIC	Central	Platinum
215	RUNGTA COLLEGE OF ENGINEERING & TECHNOLOGY	Central	Gold
216	S J C INSTITUTE OF TECHNOLOGY	South-West	Gold
217	S.A. POLYTECHNIC COLLEGE	Southern	Gold
218	S.A.ENGINEERING COLLEGE	Southern	Platinum
219	S.D.M. COLLEGE OF ENGINEERING & TECHNOLOGY	South-West	Gold
220	SACS M.A.V.M.M. ENGINEERING COLLEGE	Southern	Silver
221	SAGAR INSTITUTE OF RESEARCH & TECHNOLOGY	Central	Gold
222	SAINTGITS COLLEGE OF ENGINEERING	South-West	Gold
223	SAKTHI POLYTECHNIC COLLEGE	Southern	Gold
224	SAMRAT ASHOK TECHNOLOGICAL INSTITUTE	Central	Gold
225	SANJAY GANDHI POLYTECHNIC (FORMERLY "SANJAY GANDHI RURAL POLYTECHNIC")	South-West	Gold
226	SANKALCHAND PATEL COLLEGE OF ENGINEERING, VISNAGAR	Central	Silver
227	SANKETIKA VIDYA PARISHAD ENGINEERING COLLEGE	South-Central	Silver
228	SANT LONGOWAL INSTITUTE OF ENGINEERING & TECHNOLOGY	North-West	Gold
229	SANT LONGOWAL INSTITUTE OF ENGINEERING & TECHNOLOGY	North-West	Gold
230	SARABHAI INSTITUTE OF SCIENCE AND TECHNOLOGY	South-West	Gold
231	SARDAR PATEL COLLEGE OF ENGINEERING	Western	Gold
232	SAROJ MOHAN INSTITUTE OF TECHNOLOGY	Eastern	Silver
233	SASI INSTITUTE OF TECHNOLOGY & ENGINEERING	South-Central	Gold
234	SATARA POLYTECHNIC,SATARA	Western	Gold
235	SAVEETHA ENGINEERING COLLEGE	Southern	Gold
236	SCMS SCHOOL OF ENGINEERING & TECHNOLOGY	South-West	Gold
237	SEIKALATHUR KAMATCHI AMMAN POLYTECHNIC COLLEGE	Southern	Gold
238	SETH JAI PARKASH MUKAND LAL INSTITUTE OF ENGINEERING & TECHNOLOGY	North-West	Gold
239	SETHU INSTITUTE OF TECHNOLOGY	Southern	Platinum
240	SHAHEED BHAGAT SINGH STATE TECHNICAL CAMPUS	North-West	Gold
241	SHANTILAL SHAH ENGINEERING COLLEGE	Central	Gold
242	SHREE TAPI BRAHMCHARYASHRAM SABHA COLLEGE OF DIPLOMA ENGINEERING	Central	Gold
243	SHRI G.S.INSTITUTE OF TECH. & SCIENCE	Central	Gold
244	SHRI GURU GOBIND SINGHJI INSTITUTE OF ENGINEERING AND TECHNOLOGY	Western	Platinum
245	SHRI PRINCE SHIVAJI MARATHA BOARDING HOUSE'S NEW POLYTECHNIC	Western	Silver
246	SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING	Western	Gold
247	SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY	South-West	Silver
248	SIDDAGANGA INSTITUTE OF TECHNOLOGY	South-West	Gold
249	SINHGAD COLLEGE OF ENGINEERING	Western	Gold
250	SMT.L.V.(GOVT.) POLYTECHNIC	South-West	Silver
251	SNM INSTITUTE OF MANAGEMENT AND TECHNOLOGY	South-West	Silver
252	SNS COLLEGE OF TECHNOLOGY	Southern	Platinum
253	SREENIDHI INSTITUTE OF SCIENCE & TECHNOLOGY	South-Central	Gold
254	SRI JAYACHAMARAJENDRA COLLEGE OF ENGINEERING	South-West	Gold
255	SRI K.V.T.POLYTECHNIC (AIDED)	South-West	Silver
256	SRI LAKSHMI AMMAL ENGINEERING COLLEGE	Southern	Gold
257	SRI NALLALAGHU POLYTECHIC COLLEGE	Southern	Gold
258	SRI RAMAKRISHNA ENGINEERING COLLEGE	Southern	Platinum
259	SRI SAI RAM ENGINEERING COLLEGE	Southern	Platinum
260	SRI SUKHMANI INSTITUTE OF ENGINEERING & TECHNOLOGY	North-West	Gold
261	SRI TARALABALU JAGADGURU INSTITUTE OF TECHNOLOGY	South-West	Silver
262	SRI VENKATACHALAPATHY POLYTECHNIC COLLEGE	Southern	Gold
263	SRI VENKATESHWARA COLLEGE OF ENGINEERING	South-West	Gold
264	SRI VENKATESHWARA POLYTECHNIC	South-West	Gold
265	SRI VENKATESWARA COLLEGE OF ENGINEERING	Southern	Gold
266	SRI VENKATESWARA UNIVERSITY COLLEGE OF ENGINEERING	South-Central	Gold
267	ST. VINCENT PALLOTTI COLLEGE OF ENGG. & TECHNOLOGY, NAGPUR	Western	Gold
268	ST.JOSEPH COLLEGE OF ENGINEERING	Southern	Gold
269	SVERI'S COLLEGE OF ENGINEERING, PANDHARPUR	Western	Platinum
270	SYNERGY INSTITUTE OF ENGINEERING & TECHNOLOGY	Eastern	Gold
271	THANTHAI ROEVER INSTITUTE OF POLYTECHNIC COLLEGE	Southern	Gold
272	THAPAR POLYTECHNIC COLLEGE	North-West	Gold

S. No	Name of Institute	AICTE Region	Category
273	THAPAR UNIVERSITY	North-West	Gold
274	THE NATIONAL INSTITUTE OF ENGINEERING	South-West	Gold
275	THE OXFORD COLLEGE OF ENGINEERING	South-West	Silver
276	THE OXFORD POLYTECHNIC	South-West	Silver
277	THIAGARAJAR COLLEGE OF ENGINEERING	Southern	Platinum
278	THIAGARAJAR POLYTECHNIC COLLEGE	Southern	Platinum
279	TKM COLLEGE OF ENGINEERING	South-West	Gold
280	TKR COLLEGE OF ENGINEERING & TECHNOLOGY	South-Central	Silver
281	TONTADARYA COLLEGE OF ENGINEERING	South-West	Silver
282	U. V. PATEL COLLEGE OF ENGINEERING	Central	Silver
283	UNITED COLLEGE OF ENGINEERING & RESEARCH	Northern	Gold
284	UNIVERSITY COLLEGE OF ENGINGEERING KAKINADA	South-Central	Gold
285	UNIVERSITY INSTITUTE OF ENGINEERING AND TECHNOLOGY	North-West	Gold
286	UNIVERSITY INSTITUTE OF ENGINEERING AND TECHNOLOGY, MAHARSHI DAYANAND UNIVERSITY, ROHTAK	North-West	Gold
287	UNIVERSITY INSTITUTE OF TECHNOLOGY	Eastern	Silver
288	UNIVERSITY VISVESVARAYA COLLEGE OF ENGINEERING	South-West	Gold
289	V. V. P. ENGINEERING COLLEGE	Central	Gold
290	V.K.R & V.N.B POLYTECHNIC	South-Central	Gold
291	V.R.S. COLLEGE OF ENGINEERING AND TECHNOLOGY	Southern	Gold
292	V.V.SANGHA'S POLYTECHNIC	South-West	Gold
293	VARDHAMAN COLLEGE OF ENGINEERING	South-Central	Gold
294	VASAVI COLLEGE OF ENGINEERING	South-Central	Gold
295	VEERMATA JIJABAI TECHNOLOGICAL INSTITUTE	Western	Gold
296	VEL TECH MULTI TECH DR.RANGARAJAN DR.SAKUNTHALA ENGINEERING COLLEGE	Southern	Platinum
297	VELAGAPUDI RAMAKRISHNA SIDDHARTHA ENGINEERING COLLEGE	South-Central	Gold
298	VIDYA VIKAS EDUCATIONAL TRUST (R) POLYTECHNIC	South-West	Gold
299	VIDYA VIKAS INSTITUTE OF ENGINEERING & TECHNOLOGY	South-West	Gold
300	VIDYAVARDHAKA COLLEGE OF ENGINEERING	South-West	Silver
301	VIGNAN'S INSTITUTE OF INFORMATION TECHNOLOGY	South-Central	Gold
302	VINS CHRISTIAN COLLEGE OF ENGINEERING	Southern	Silver
303	VISHWAKARMA INSTITUTE OF TECHNOLOGY	Western	Gold
304	VIVEKANANDA COLLEGE OF ENGINEERING AND TECHNOLOGY	South-West	Gold
305	VNR VIGNANA JYOTHI INSTITUTE OF ENGINEERING & TECHNOLOGY	South-Central	Gold
306	WALCHAND COLLEGE OF ENGINEERING	Western	Gold
307	WALCHAND INSTITUTE OF TECHNOLOGY	Western	Platinum
308	YESHWANTRAO CHAVAN COLLEGE OF ENGINEERING	Western	Gold
	NIT, IIT, IIIT		
1	DELHI TECHNOLOGICAL UNIVERSITY	North-West	Gold
2	MOTILAL NEHRU NATIONAL INSTITUTE OF TECHNOLOGY ALLAHABAD	Northern	Gold
3	NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA	South-West	Gold
4	NATIONAL INSTITUTE OF TECHNOLOGY TIRUCHIRAPPALLI	Southern	Gold
5	NATIONAL INSTITUTE OF TECHNOLOGY, ROURKELA	Eastern	Gold
6	NIT HAMIRPUR	North-West	Gold
7	NIT WARANGAL	South-Central	Gold
8	PEC UNIVERSITY OF TECHNOLOGY	North-West	Gold
9	SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY	Central	Gold
10	TRIPURA INSTITUTE OF TECHNOLOGY	Eastern	Silver
11	UNIVERSITY COLLEGE OF ENGINEERING	South-Central	Silver
12	VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY	Western	Gold
	Pharmacy		
14	A.U.COLLEGE OF PHARMACEUTICAL SCIENCES	South-Central	Silver
15	ACHARYA & B M REDDY COLLEGE OF PHARMACY	South-West	Silver
16	ACHARYA & B M REDDY COLLEGE OF PHARMACY	South-West	Platinum
17	ACROPOLIS INSTITUTE OF PHARMACEUTICAL EDUCATION AND RESEARCH	Central	Gold
18	ARIHANT SCHOOL OF PHARMACY AND BIO-RESEARCH INSTITUTE	Central	Gold
19	BABARIA INSTITUTE OF PHARMACY	Central	Gold
20	BAPATLA COLLEGE OF PHARMACY	South-Central	Silver
21	BAPATLA COLLEGE OF PHARMACY	South-Central	Gold
22	BIRLA INSTITUTE OF TECHNOLOGY	Eastern	Gold
23	BOMBAY COLLEGE OF PHARMACY	Western	Platinum
24	CHALAPATHI INSTITUTE OF PHARMACEUTICAL SCIENCES	South-Central	Gold
25	COLLEGE OF PHARMACY, MADRAS MEDICAL COLLEGE	Southern	Gold
26	D.S.T.S MANDAL'S COLLEGE OF PHAMACY	Western	Gold
27	DR. B. C. ROY COLLEGE OF PHARMACY AND ALLIED HEALTH SCIENCES	Eastern	Gold
28	DR. BABASAHEB AMBEDKAR INSTITUTE OF D-PHARM,SEWAGRAM	Western	Silver
29	DR. R. G. BHOYAR INSTITUTE OF PHARMACY, WARDHA	Western	Gold

S. No	Name of Institute	AICTE Region	Category
30	DR. SHRI R.M.S. INSTITUTE OF SCIENCE & TECHNOLOGY, COLLEGE OF PHARMACY	Central	Silver
31	DR. SHRI RMS INSTITUTE OF SCIENCE AND TECHNOLOGY, COLLEGE OF PHARMACY	Central	Silver
32	DR. SUBHASH TECHNICAL CAMPUS	Central	Gold
33	DR.R G BHOYAR INSTITUTE OF PHARMACEUTICAL EDUCATION AND RESEARCH	Western	Gold
34	FACULTY OF TECHNOLOGY & ENGINEERING, THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA	Central	Silver
35	GOVERNMENT POLYTECHNIC DWARAHAT	Northern	Silver
36	GOVERNMENT POLYTECHNIC GAUCHAR	Northern	Silver
37	GOVERNMENT POLYTECHNIC LOHAGHAT	Northern	Silver
38	GOVERNMENT POLYTECHNIC, UTTARKASHI	Northern	Silver
39	GOVT. POLYTECHNIC COLLEGE FOR GIRLS	North-West	Silver
40	GOVT.POLYTECHNIC COLLEGE FOR GIRLS JALANDHAR	North-West	Silver
41	GURU NANAK INSTITUTIONS TECHNICAL CAMPUS	South-Central	Silver
42	GURUNANAK COLLEGE OF PHARMACY	Western	Gold
43	GURUNANAK TECHNICAL INSTITUTE (DIPLOMA IN PHARMACY)	Western	Silver
44	I.S. F. COLLEGE OF PHARMACY	North-West	Platinum
45	INSTITUTE OF CHEMICAL TECHNOLOGY	Western	Gold
46	INSTITUTE OF PHARMACY & EMERGING SCIENCES	North-West	Platinum
47	INTEGRATED INSTITUTE OF TECHNOLOGY	North-West	Silver
48	JADAVPUR UNIVERSITY	Eastern	Gold
49	JAYAWANT SHIKSHAN PRASARAK MANDAL'S JAYAWANT INSTITUTE OF PHARMACY	Western	Silver
50	JNTUH INSTITUTE OF SCIENCE AND TECHNOLOGY	South-Central	Silver
51	JSS COLLEGE OF PHARMACY	South-West	Gold
52	K. M. COLLEGE OF PHARMACY	Southern	Gold
53	KC INSTITUTE OF PHARMACEUTICAL SCIENCES	North-West	Silver
54	KCT'S RAVINDRA GAMBHIRRAO SAPKAL COLLEGE OF PHARMACY, ANJANERI,WADHOLI TAL-TRIMBAK, NASHIK	Western	Gold
55	KIET GROUP OF INSTITUTIONS	Northern	Gold
56	KRISHNA COLLEGE OF PHARMACY	Northern	Silver
57	LOKSEVA PRATISHTHAN'S LOKSEVA COLLEGE OF PHARMACY, PHULGAON, PUNE.	Western	Gold
58	LORD SHIVA COLLEGE OF PHARMACY, SIRSA	North-West	Silver
59	LORD SHIVA COLLEGE OF PHARMACY, SIRSA	North-West	Silver
60	MAHATMA GANDHI VIDYAMANDIR'S PHARMACY COLLEGE, PANCHAVATI, NASHIK-3	Western	Silver
61	MANIPAL COLLEGE OF PHARMACEUTICAL SCIENCES	South-West	Gold
62	MEERUT INSTITUTE OF ENGINEERING & TECHNOLOGY	Northern	Gold
63	MODERN INSTITUTE OF PHARMACEUTICAL SCIENCES	Central	Gold
64	MOHAMMADIYA INSTITUTE OF PHARMACY	South-Central	Silver
65	NIMAR INSTITUTE OF PHARMACY	Central	Silver
66	NOBLE GROUP OF INSTITUTIONS	Central	Silver
67	PADM.DR.D.Y.PATIL COLLEGE OF PHARMACY	Western	Gold
68	PARUL INSTITUTE OF PHARMACY	Central	Platinum
69	PARUL INSTITUTE OF PHARMACY AND RESEARCH	Central	Platinum
70	PES COLLEGE OF PHARMACY	South-West	Silver
71	PES COLLEGE OF PHARMACY	South-West	Gold
72	PES MODERN COLLEGE OF PHARMACY (FOR LADIES),MOSHI, PUNE.	Western	Gold
73	POONA COLLEGE OF PHARMACY, ERANDWANE, PUNE	Western	Gold
74	PSIT-PRANVEER SINGH INSTITUTE OF TECHNOLOGY	Northern	Silver
75	RAJARAMBAPU COLLEGE OF PHARMACY, KASEGAON	Western	Gold
76	RAJENDRA INSTITUTE OF TECHNOLOGY & SCIENCES	North-West	Gold
77	RAMANBHAI PATEL COLLEGE OF PHARMACY	Central	Gold
78	RAM-EESH INSTITUTE OF VOCATIONAL AND TECHNICAL EDUCATION	Northern	Platinum
79	ROLAND INSTITUTE OF PHARMACEUTICAL SCIENCES	Eastern	Gold
80	SARDAR PATEL COLLEGE OF TECHNOLOGY(B.PHRRMACY)	Central	Gold
81	SCHOOL OF PHARMACY	North-West	Gold
82	SCHOOL OF PHARMACY,CHOUKSEY ENGINEERING COLLEGE	Central	Silver
83	SCHOOL OF PHARMACY,CHOUKSEY ENGINEERING COLLEGE	Central	Silver
84	SHAHEED BHAGAT SINGH POLYTECHNIC & PHARMACY COLLEGE	North-West	Silver
85	SHAHEED BHAGAT SINGH POLYTECHNIC & PHARMACY COLLEGE	North-West	Silver
86	SHREE DHANVANTARY PHARMACY COLLEGE	Central	Gold
87	SIDDHI VINAYAK COLLEGE OF SCIENCE & HR. EDUCATION	North-West	Silver
88	SIDDHI VINAYAKA INSTITUTE OF TECHNOLOGY & SCIENCES	Central	Gold
89	SIDDHI VINAYAKA INSTITUTE OF TECHNOLOGY & SCIENCES (COLLEGE OF PHARMACY)	Central	Gold
90	SINHGAD INSTITUTE OF PHARMACEUTICAL SCIENCES, LONAVALA	Western	Gold
91	SINHGAD INSTITUTE OF PHARMACY	Western	Gold
92	SINHGAD TECHNICAL EDUCATION SOCIETY'S SINHGAD COLLEGE OF PHARMACY	Western	Gold
93	SJMM COLLEGE OF PHARMACY	South-West	Silver

S. No	Name of Institute	AICTE Region	Category
94	SMRITI COLLEGE OF PHARMACEUTICAL EDUCATION	Central	Gold
95	SRI SAI INSTITUTE OF PHARMACY	Northern	Gold
96	SRI VENKATESHWARA COLLEGE OF PHARMACY	South-Central	Gold
97	SRI VENKATESHWARA COLLEGE OF PHARMACY	South-Central	Platinum
98	ST.XAVIER INSTITUTE OF PHARMACY	South-Central	Silver
99	SULTAN-UL-ULOOM COLLEGE OF PHARMACY	South-Central	Gold
100	SUNRISE ACADEMY MANAGEMENT SOCIETY	Northern	Silver
101	SVKM'S DR. BHANUBEN NANAVATI COLLEGE OF PHARMACY	Western	Platinum
102	SVNHT'S COLLEGE OF B.PHARMACY	Western	Silver
103	TEEGALA KRISHNA REDDY COLLEGE OF PHARMACY	South-Central	Gold
104	THAPAR UNIVERSITY	North-West	Silver
105	TRUBA INSTITUE OF PHARMACY	Central	Gold
106	VIJAYA COLLEGE OF PHARMACY	South-Central	Gold
107	VNS GROUP OF INSTITUTIONS	Central	Platinum
108	YASHWANTRAO CHAVAN COLLGE OF PHARMACY AHMEDNAGAR	Western	Silver



JURY PROFILES

Dr. Y. S. Rajan
Dr Vikram Sarabhai Distinguished Professor, ISRO

Dr Y.S. Rajan has a proven track record of excellence as a scientist, technologist, administrator, organisation builder and leader, diplomat, academic, writer and poet. He combines a unique ability for original and innovative thinking with strong implementation skills. He has capability to network with multi–disciplinary and multi–cultural groups.

Dr Rajan has made key contributions to space research, technology and applications since 1964 and continues to be an important expert on space matters. As Scientific Secretary, Indian Space Research Organisation (ISRO), he was responsible for a combination of scientific, technical, administrative, planning, policy and international cooperation matters. His contributions in shaping ISRO from its initial experimental phases into a major service delivery organisation have been remarkable. In the process, Dr Rajan has also been a creator of many institutions and sustainable mechanisms between ISRO and its end-users. He has worked with Massachusetts Institute of Technology (MIT), USA and NASA for about three years.

He is also a well-recognized authority and thought leader on technology development, business management and society linkages. While holding various positions of responsibility related to science and technology (S&T) between 1988 and 2002, he has shaped key policies and implemented several successful R&D projects with industry participation. He has been responsible for creating a series of documents related to Technology Vision 2020 for India, which culminated in a book on a roadmap for socio-economic development for India called "India Vision 2020". Dr Rajan has practical ground level experience in developmental issues and has founded and built organizations like Technology Information Forecasting and Assessment Council (TIFAC), which he has led for about two decades. These organizations have helped to bring relevant technologies to improve productivity for the agricultural, manufacturing and service sectors.

After a 30 year stint with the Government of India (GOI), Dr Rajan joined the leading industry association In India, Confederation of India Industry (CII) in 1996. At CII, he strengthened and expanded their capabilities to interface with Government on S&T and business issues. The technology division which he expanded and strengthened has now become a powerful platform for national and international cooperation between industry, academia and governments. As Principal Adviser (2004-2010) he created unique mechanism at CII for University – Industry collaboration.

He has wide international experience and was responsible for a large number of cooperative projects between India and other countries. He has led Indian delegations to United Nations (UN) and has visited about 40 countries in all continents as a part of cooperative efforts in science, technology and business.

Dr Rajan is an expert in environmentally sound technologies, satellite meteorology, remote sensing, mapping systems and Intellectual Property Rights (IPR) related matters. He has completed special assignments for UN organizations like UNIDO, WIPO and UNEP. He was actively involved in evolving policies and procedures relating to adopting IPR laws in India to the post WTO/TRIP situation and also in preparing the Indian Industry and institutions to master IPR issues.

His engagement with academic world began since 1976 and over a decade was responsible for funding basic research and introducing courses relating to space science and technology in several institutions. He was visiting professor in Anna University for four years (1984–88) and conducted Masters level courses. Since 1988, Dr Rajan has also been responsible for introducing several innovative courses and creating unique centres of relevance and excellence for industry-academia cooperation, with part funding from industry. As Vice-Chancellor, Punjab Technical University (PTU), he introduced key initiatives to improve the internal processes and the external interfaces of the university. Dr Rajan continues to be visiting faculty, board member and advisor to various renowned Indian academic institutions.

Dr Rajan is also a prolific writer and has written on a variety of subjects, including on science, technology, business, youth, leadership, social and ethical issues. He has authored and co-authored a number of books and has contributed to several others. He has also written a large number of articles in journals in India and International papers/ magazines, etc. He is an excellent communicator in written and spoken form for different segments of people ranging from school children to accomplished elders.

He has written seven books of poetry in an Indian language, Tamil which has been critically acclaimed by eminent Indian poets. He has also written three books of English poems which have received very good reviews.

Dr Rajan was awarded Padma Shri by the President of India during 2012.

During January 2013, he was felicitated at the India Geospatial Forum, with Lifetime Achievement Award.

Mr. Ramesh Datla
Chairman &Managing Director
ELICO Ltd

Mr Ramesh Datla is the CMD of ELICO Ltd a leading technology player in the area of Instrumentation established in 1960.

He completed his EPGM from Sloan School of Management, MIT, USA. He is Masters in Electrical Engineering from Wichita State University, USA and Masters in Electronic Design Technology from IISc, Bangalore. Mr Datla began his career in 1989 as Development Engineer in Cirrus Logic Inc., a semiconductor company in California, USA.

He is the Governing Board Member of Osmania University and JNTU Hyderabad, Member Advisory Board, Academy for E&ICT, NIT Warangal.

Mr Datla is actively associated with the Confederation of Indian Industry (CII) and is presently the Deputy Chairman, CII Southern Region and Past Chairman, CII National Committee on Intellectual Property, immediate Past Chairman, CII National MSME Council.

He has been actively associated with the industry chamber and held several advisory roles to the Government on behalf of the Industry. He represented India as a speaker in the G20-B20 Summit in Cannes, OECD Conference-Tokyo, GTZ Conference-Berlin, Gulf Cooperation Council Meeting-Muscat, UKIBC Conference-Manchester, etc.

Mr. M. S. Unnikrishnan
Managing Director & CEO, Thermax Limited

Mr Unnikrishnan is the Managing Director & CEO of Thermax Group, the energy and environment solutions major. The company has a global presence and operates in the areas of heating, cooling, power, water and waste management, air pollution control and chemicals.

Mr Unnikrishnan began his career with Thermax after graduating from the NIIT, Nagpur in 1982 in Mechanical engineering. He has also completed his Advanced Management Programme from the Harvard Business School, USA.

Joining Thermax as a graduate trainee, he went on to establish the marketing set up for the Energy division of Thermax in the Western Region.

From 1987 and 1997, Mr Unnikrishnan worked with EID Parry as the Head of Engineering Division and with Terrazzo Inc, U.A.E. as AGM heading the manufacturing, marketing and commercial operations.

After rejoining Thermax as General Manager in 1997, he became a member of the Executive Council in 2000. He also led the company's project business as Group Business Head before being elevated as the Managing Director & CEO in 2007.

Mr. Unnikrishnan is a passionate advocate of a sustaining ecosystem of innovation and technology for national resurgence. He is Member of the Development Council constituted by the Ministry of Heavy Industries, Government of India, to create strategies for the industrial development of the country. He is also a member on the Energy Advisory Committee of Kerala Government's Planning Board.

Mr. Unnikrishnan is actively involved in initiatives for the improvement of technical education in India. He is a member of the AICTE Jury Committee for annual ranking of technical and management institutes of the country. He is also a Member of the Apex Council to implement the 'Prime Minister's Fellowship Scheme for Doctoral Research', a joint initiative from the government and industry to encourage industrial research and nurture talent.

Mr Unnikrishnan has been honoured with the 'Asia Innovator Award' at the 11th CNBC Asia Business Leaders Awards, held in Banghok in November 2012. He was awarded "for his inventive thinking in business and his leadership in an organization that has innovation at its core". Earlier in 2010, he was also awarded the 'Distinguished Alumni' of NIIT, Nagpur.

Mr Unnikrishnan is known for his strategic and human relations skills and is a champion of green technologies.

Dr. R. Natarajan
Chairman, Board for IT Education Standards of Karnataka
& Co-Chairman, Engineering Education Forum of Indian National Academy of Engineering

Prof Natarajan has been the Chairman of the All India Council for Technical Education. He has also served as the Director of the Indian Institute of Technology, Madras from 1995 to 2001. He has worked as a National Research Council Research Fellow in Canada, and as a Humboldt Research Fellow in Germany. He served as the Vice-President of the Indian National Academy of Engineering (INAE) during 2002-2006, and was nominated to the Board of the Council of Academies of Engineering and Technological Sciences (CAETS) in 2006. He served as the Chairman of the Research Council of the Central Fuel Research Institute, Dhanbad, during 1995-2005.

He is at present the Co-Chairman of the Engineering Education Forum of the Indian National Academy of Engineering (INAE) and the Chairman of the Board for IT Education Standards of Karnataka. Prof Natarajan received his Ph.D and M.A. Sc degrees from the University of Waterloo, Canada. He was awarded Distinction in the M.E. Degree Program of the Indian Institute of Science, Bangalore. He secured the First Rank in the B.E. Degree Examination of the Mysore University in 1961. His areas of expertise are combustion, propulsion, energy and engineering education.

He has been conferred honorary doctorate degrees by the University of South Australia, Jawaharlal Nehru Technological University (Aandhra Pradesh), Kanpur University (Uttar Pradesh), Nagarjuna University (Andhra Pradesh), and Purvanchal University (Uttar Pradesh).

Mr. Sanjiv Lal
CIO and Corporate Quality Head,
Tata Chemicals Ltd.

Mr Lal is a B. Tech in Chemicals Engineering and graduated from IIT, Delhi in 1983. He has worked in the area of Specialty Chemicals, Business Development and fertilizer operations earlier with Hindustan Lever Ltd and presently with Tata Chemicals. Mr Lal has headed the site operations of the Phosphates Manufacturing facility of the company at Haldia in West Bengal and the Chemicals operations at Mithapur.

Prior to his being seconded as the Joint Managing Director to the Company's Phosphates JV in Morocco in 2010, Mr Lal was responsible for the Agri retail business of Tata Chemicals. In his current position as CIO, Mr Lal is responsible for organizational transformation leveraging IT and Business Excellence processes

Dr. N Sambandam
B.E (Mech. Engg); M.E (Prod. Engg);
Ph.D (Indl. Mgmt)

Dr Sambandam has over four decades of academic and Industry Experience in India, Belgium, Brazil and Canada. He taught at University of Toronto (Canada); PUC, Rio de Janeiro (Brazil); College of Engineering Guindy (Anna University), Chennai; NITIE, Mumbai; Goa Institute of Management; and IBS, Mumbai. He has been Visiting Faculty at Indian Institute of Management, Indore; IIT Bombay; National Institute of Construction Management & Research, Pune; SP Jain Institute of Management & Research, Mumbai; Indian Institute of Information Technology & Management, Gwalior; Sydenham Institute of Management Studies and Research, Mumbai; and K.J. Somaiya Institute of Management and Research, Mumbai.

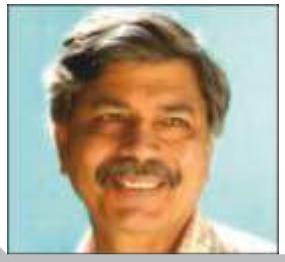
He completed 35 Industrial Consultancies and 40 Management Development Programmes. He organized 10 National/International Conferences and published 80 papers in National & International Journals and Conferences.

Dr Sambandam provides research support as reviewer to IJOMAS, IE Journal, Udyog Pragati, Journal of Scientific & Industrial Research and Journal of Operational Research Society of India. He setup CAD/CAM Lab and Advanced Manufacturing Center of Excellence under Ministry of Human Resource Development and Department of Science & Technology (FIST).

Dr Sambandam is Chairman of All India Board of Management Studies for six years from December 2009.

He is the recipient of Life Time Excellence Award in recognition of outstanding service to the field of Industrial Engineering, Outstanding Management Teacher of the Year Award (2007-2008), Best Professor in Operations Management Award (2010) and Director's citation for the Exemplary Service at NITIE. He is also recipient of FELLOWSHIP Award and Devi Thadani Award from IIIE, Mumbai. He has been in Administrative & Policy making Services as Deputy Director, Dean (Academic), Dean (Programme & Consultancy), Dean (Research) and Chairman Board of Research.

He Guided 6 Ph.Ds, 500 PG projects and guiding 2 more Ph.Ds.



Ar. Balbir Verma
Former President,
Indian Institute of Architects (IIA)

Ar Verma, former President of the Indian Institute of Architects (IIA), is a graduate of Chandigarh College of Architecture (CCA) 1969 batch. In a career spanning 40 years, he has gained vast experience in the field of Architecture, Urban Design and planning through his practice and participation at various International Forums all over the world.

In addition to having been a Member of the Council of UIA (International Union of Architects) he is member UIA PPC also Director of UIA Work Programme on Urban Settlements & Disasters. He is Chairman of National Advisory Committee of the National Information Center of Earthquake Engineering (NICEE) and a member of the panel of experts of National Disaster Management Authority (NDMA). He has also served as a member of Executive Council, Academic Council and Board of Governor of Architecture Schools i.e. SPAs at Delhi, Bhopal & Vijayawada.

Ar Verma has served on various Government Committees and Juries related to the design and Urban Planning including the Prime Minister Awards for Excellence for Town Planning. Along with being a fellow of IIA, he represents it at Council of Architecture (COA) and is a member of Board of Architectural Education of All India Council of Technical Education (AICTE). He was also the Chairman of a Sub-Group on Development Controls for Delhi Master Plan 2021.

He has been a panelist and keynote speaker on the subject of GATS (General Agreement of Trade in Services) at WTO (World Trade Organization) in respect of architectural services and globalization at various national and international forums and has been Chairman of Committees of Professional Practice of both Arcasia & CAA (Commonwealth Association of Architects).

Dr. S Y Gabhe
Prof. of Pharmaceutical Chemistry, Poona College of Pharmacy, Bharati Vidyapeeth University

Dr Gabhe is the Professor of Pharmaceutical Chemistry in Poona College of Pharmacy, Bharati Vidyapeeth University, Pune. He is a gold medalist in B. Pharm. & M. Pharm. from Nagpur University. He also received a gold medal from IDMA for B. Pharm. Merit.

He obtained Ph. D. degree in Medicinal Chemistry from Ohio State University [U S A] in 1980. Subsequently, he proceeded to Department of Chemistry, Washington University for post-doctoral research on the total synthesis of bis-trifluoromethylated PG-F2 derivatives. Some exploratory work on allyl stannanes as masked carbanions was also carried out. On return to India in 1982, Dr Gabhe joined SNDT Women's' University [C. U. Shah College of Pharmacy] as Reader in 1983 in Pharmaceutical Chemistry, where he later served as Principal.

Dr Gabhe has guided more than 50 M. Pharm. students for their research projects. More than 80 papers have been published / presented in international & national journals & conferences. He took voluntary retirement in 2009 from C. U. Shah College of Pharmacy. During his service more than Rs. 1.5 crore worth of grants were sanctioned & he supervised research & other grants worth about the same amount. Almost half the grants were from industry.

Dr Gabhe received the "Best Teacher Award" in 1993 instituted by PAMDAL. Second "Best Paper Award" was given to his paper in an International conference on Medicinal Chemistry held in New Delhi in 2003.

Dr Gabhe was nominated by UGC as a member of the Pharmacy Council of India for a term of five years. At present he is serving his second term as the Chairman of the All India Board – Pharmacy Education of AICTE, New Delhi. He is also involved in NBA activities as a Chairman / expert for accreditation of Pharmacy institutions in the country. He was Dean of Faculty of Technology SNDT University. He also had an additional charge of the post of Controller of Examinations of SNDT University, twice. Besides this he has served on all the statutory bodies of SNDT University. He is a member of Board of Studies [BOS] of Mumbai University and a former member of BOS of BITS, Ranchi. He was a consultant to Kores India Ltd. for their "Speciality Division". He was involved in training of R & D staff of Sun Pharma in the subject of Chemistry.

Prof. P. O. J. Lebba
Formal Principal, TKM College of Engineering, Kollam

Prof Lebba is the General Secretary of Muslim Educational Society, a movement started 1964 for educational upliftment of socially and educationally backward people. He obtained B.Sc. Engineering (Electrical Engineering) from Kerala University (1958) and M. Tech. (Electrical Machines) from Indian Institute of Technology, Bombay (1964). He has also served as the Vice-President of Indian Society for Technical Education and Director of Kerala Minerals & Metals Ltd., (a government of Kerala undertaking).

Prof Lebba has held many important positions including that of Consultant to Ministry of HRD, Government of India and to All India Council for Technical Education (Southern Regional Office, Chennai). He was the Principal of TKM College of Engineering, Kollam, Kerala and has been the Dean, Faculty of Engineering and Technology at the University of Chennai.

He has been a member of Executive Committee and Governing Body of Energy Management Centre, Government of Kerala, Governing Body, SIT Tumkur (AICTE nominee) and governing body, MES College of Engineering, Kuttippuram. Prof. Lebba is a Patron and Past President of Energy Conservation Society (a non-governmental organization committed to energy conservation and protection of environment established in 1992).

Mr. Anbuchezhian N
Manufacturing Engineering & Quality Manager,
Caterpillar India

Mr Anbuchezhian is the head of manufacturing engineering and quality assurance in Caterpillar India, Thiruvallur, Chennai.

He is a graduate mechanical engineer with post-graduation in management. He has over 25 years of experience in engineering education and manufacturing. He started his career as a lecturer and worked in various sectors such as Alloy steel foundry, auto component and mining & construction equipments.

Mr Anbuchezhian is a certified 6sigma master belt and lean champion with post graduate diploma in quality management.

Mr Anbuchezhian is an active member in CII and served in various forums, panels and sub committees. He was one of the core team leaders for a mission to upgrade the technical training in Tamil Nadu. He was also a subcommittee member in Bureau of Indian Standards. He was the guest speaker for many forums such as CII, IIMM, DRDO and several educational institutes.

Mr. Ashok Muthuswamy
Asst. Vice President – Continuous Improvement,
Tata Chemicals Limited

Mr Muthuswamy has over 24 years of extensive experience in Supply Chain Management, Lean Six Sigma, Manufacturing, Operations, Quality and Project Management. He has led and implemented strategic and operational improvement in various global organizations.

His current role in Tata Chemicals is to create an efficient enterprise through optimizing operations, streamlining supply chain, improving product quality, enhancing customer experience and reducing operational cost, all at the same time.

He is with the Tata Group for the last 5 years. His previous experience includes a 10 year stint with Hewlett Packard in Virginia, USA as a Global Program Manager for Supply Chain and a 3 year stint with Eaton Aerospace at California, USA as a Project Manager.

He has done his MBA from University of Phoenix, USA, MS from University of Texas, USA and BE (Mech) from University of Madras, India. He is a certified PMP, CSSBB, CMQ/OE, CQE and CPIM.

Dr. Suresh K Dhameja
NITTTR, Chandigarh

Dr Suresh Kumar Dhameja is the Professor and Head of Entrepreneurship Development and Industrial Coordination (EDIC) Department at National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh (Under Ministry of HRD, Government of India).

Dr Dhameja is a Civil Engineer and has obtained his B.Tech. and M.Tech from premium engineering universities of India followed by MBA and Ph.D in Business Management. He started his career as a lecturer in civil engineering at NIT Kurukshetra in 1985. He has over 30 years of teaching and research experience.

Professor Dhameja has published more than 30 papers in International and National Journals and also presented more than 80 papers in International and National Conferences. Dr Dhameja is an Accredited Entrepreneur-Trainer-Motivator of Government of India. He is the recipient of many international certificates including a certificate with Gold seal for standing first in the Quality Management System Auditor / Lead Auditor Training Course conducted by Moody International, UK.

Dr. Dhameja has delivered lectures at various international platforms and is on the panel of many international and national organizations. He has done International accreditation and certification of Technical institutions in Philippines, Bangladesh, Mongolia and Sri Lanka and was the overall coordinator of Asia Pacific Accreditation & Certification Commission (APACC), Manila, Philippines. As an expert, he is on the panel of AICTE, NPIU, CII, NBA, All India Radio, Central and state universities. Dr Dhameja is also a fellowship holder of UNDP and UNIDO. Dr Dhameja has done Consultancy and Research Projects for NPIU, World Bank, ADBI, UNESCO, Department of Industries, Department of Science &Technology and Department of Information Technology.

Professor Dhameja has authored and Edited 22 books (Both International and National) in the
areas of Environmental Engineering and Management, Entrepreneurship, Technical and
Vocational Education and has also guided many PhD and M.Tech students.

Prof Dhameja is a Life Member of Indian Society for Technical Education, Member, International Vocational Education and Training Association (IVETA), USA. He is also the member of Chandigarh Management Association, Indian Accounting Association and Indian Commerce Association.

Prof. D.S. Puranik
Associate Professor
NITTE Gulabi Shetty Memorial Institute of
Pharmaceutical Sciences

Dr Dayanand Subrao Puranik, is Associate Professor at NITTE Gulabi Shetty Memorial Institute of Pharmaceutical Sciences, a continuant college of NITTE University, located in Mangalore, Karnataka.

He is a Postgraduate in the field of Pharmacy with specialization in Pharmacology from Karnataka University. He was awarded a Ph.D. in Organic Chemistry by Kuvempu University, Shimoga, Karnataka.

He has rich experience in the field of pharmacy covering both academics and industries, and has guided many research projects at postgraduate level. In recognition of his wide exposure and experience, NITTE University, a deemed to be University in Karnataka, has assigned him the task of establishing the clinical training programme for the Pharm. D. course run by the University. He is keenly interested in bridging the gap between academia and industry. He also advocates training of pharmacists to equip them to take up greater role in health care programs where they will be monitoring treatment with medications and advice patients on their effective and correct usage.

He is a member of various institutional animal ethics committees that supervise the ethical conducts and practices that are to be followed during the use of animals in research. He is also a facilitator of National Accreditation Bureau for Hospitals.

Mr. Kaushik Bellani
Vice President and Managing Director at McGraw Hill Education (India) Pvt. Ltd

Mr. Kaushik Bellani is the Managing Director of McGraw Hill Education India Pvt. Ltd., a digital learning solutions company with a global footprint and a 130 year old legacy.

Mr. Bellani has been in IT industry for more than two decades. He has worked with technology leaders Cisco, IBM, Hewlett Packard and Wipro and has spent the last 3 years in the Start up Eco-System – scaling a IT Services company – Saviance Technology and Setting up the India footprint of iYogi - a Tech-Support via the cloud B2C and B2B company offering subscription based services. He has worked extensively in the Business Development, Sales & Marketing functions in large multi-channel, multi-product and services companies. He has a proven ability to create, sustain, grow and drive businesses from scratch to sustainable levels. He has owned and driven P&Ls, created new business segments and developed channels.

Mr. Bellani has led frontend, direct and channel sales roles at Wipro, manned the fastest growing branch office (Wipro), created a 175+ Crores INR ($35+ Mn $) business – Consumer PCs @ Hewlett Packard India in 2 years. Kaushik was instrumental at Cisco Systems India in establishing the SMB/Commercial vertical for Cisco; grew it from just 1Mn $ to more than $30 million in revenue in 8 quarters which is now more than 200 $ in revenue for Cisco Systems India

He is a Mechanical Engineer from Sardar Patel University Gujarat and MBA from IMT Ghaziabad. He lives in Gurgaon with his wife and two young daughters. He has recently taken to the game of golf and is learning to improve his chipping and putting and achieve a respectable handicap.

Mr. M. Sekar
General Manager - Operations
Hauling & Extraction Division
Caterpillar India Private Limited

Mr Sekar is the General Manager of Operations (Hauling & Extractions Division) at Caterpillar India Private Limited. He oversees the entire production of Off-Highway Trucks and Hydraulic Excavators. His responsibilities include manufacturing, quality & maintenance.
In his 19 year stint, so far, with Caterpillar he has held various leadership positions in supply chain, purchasing and operations. Prior to moving to his current position in the company, he managed Procurement of South East Asian facilities.

Prior to joining Caterpillar, Mr Sekar had over 5 years of experience in the area of manufacturing at different automotive related companies that included Rane, Royal Enfield & Brakes India.

He is passionate about coaching and mentoring next generations of leaders.

Mr Sekar is a Bachelor in Industrial Engineering and has also completed Caterpillar Sponsored Mini Executive MBA program at Peking University – Beijing.

Mr. Sharad Gangal
Executive Vice President – People Processes and Member of the Executive Council, Thermax Limited – Pune

Mr Gangal is the Executive Vice President – People Processes and Member of the Executive Council at Thermax.

Mr Gangal started his career with Asian Paints and then moved on to Boehringer Mannheim, a German Pharma Company. In 1996, Mr Gangal joined Cadbury India Ltd. At the time of leaving Cadbury, Mr Gangal was responsible for Employee Relations, Organizational Effectiveness and Compensation Strategy. During his tenure at Cadbury he also had a stint with the Cadbury Schweppes business in Australia. He joined HDFC Standard Life in 2007 to Head HR where he was responsible for Human Resources, Learning & Development and Sales Training.

Employee Engagement & Change Management are his areas of specialization. Mr Gangal teaches courses in Performance Management & Organizational Design in Symbiosis Institute of International Business and is on Academic Council of VIM. He is a post graduate in Human Resources.

Mr. Mukund Ranade
General Manager, Thermax Limited

Mr. Mukund Ranade – General Manager, Thermax Limited, has done Mechanical Engineering from College of Engineering, Pune and M. Tech. in Heat, Power & Refrigeration from IIT-Mumbai.

He worked in Kirloskar Pneumatics for 6 years and handled development of Centrifugal Water Chilling Packages and also was Design – Chief of the then largest Air-conditioning Project (1982) - New International Airport at Delhi.

He has worked for more than 25 years in Thermax and was responsible for technology assimilation, application engineering, research & development and new product launches. As a Chief of Design and R&D for Absorption Chillers, he has improved COP of Absorption System by 25% more than license technology and it is due to his work that Absorption Chillers manufactured by Thermax can compete in international market. These chillers are sold in 40 countries inclusive of U.K, U.S.A. & Germany.

He developed Absorption Heat Pumps and today Thermax is the largest manufacturer of these in Scandinivian countries. Thermax introduced world's first Zero Degree Lithium Bromide based double effect Absorption Chillers under his guidance. During his tenure in Thermax, Absorption Chillers received many innovation awards from Indian Society of Heating Refrigeration & Air-conditioning.

Since 2009, he is working with Corporate R&D and is responsible for development of solar technology, small wind turbines and organic rankine cycle based power plants.

He is Past President of American Society of Heating Refrigerating and Air-conditioning Engineers (ASHRAE) Western India Chapter as well as ISHRAE Pune Chapter.

He has been recognized by ASHRAE USA for his original work by giving him a title of ASHRAE Fellow

Dr. Rohit Kapoor
Indian Institute of Management Indore

Dr Kapoor is an Associate Professor in the Department of Operations Management and Quantitative Techniques at Indian Institute of Management Indore. He received his PhD in Operations Management from Indian Institute of Management Ahmedabad in 2009. His research interests are in the areas of supply chain management, production planning, inventory - control and network design. He has expertise in mathematical programming, optimal control, Monte-Carlo simulation and meta-heuristics. He has got papers published in International Journal of Mathematics in Operations Research, International Journal of Service Operations Management and Indian Journal of Business and Economics etc.

Mr. V Venkappa
Vice President – Technical
ELICO Ltd.

Mr Venkappa is a B.Sc. & M.I.E (Mech.) by education. He has been with ELICO Ltd. for the last 18 years. He is presently Vice President-Technical and heading the Mechoptronix Division. He has more than 45 years of experience in the design and manufacture of electromechanical components like relays, connectors, switches and various electronic equipment. He has worked in various companies at different positions across the country. He had travelled widely to Europe, China, Taiwan and Korea.

Dr. Omprakash Gopal Kakde
Director, VJTI, Mumbai

Dr. Kakde is Director at VJTI, Mumbai since June 2012. Before joining VJTI he was Dean (R&D) and Professor of Computer Science Engineering at Visvesvaraya National Institute of Technology (VNIT), Nagpur. He has a total experience of 24 years in the academic field and has many research papers and books to his credit.

Been associated with Nagpur University as Chairman, Board of Studies (IT), Dr Kakde is also a Member of Senate at VNIT and Member of Doctoral Research Committee at CSVTU. He has demonstrable experience of handling quality issues, assessment and accreditation procedures and has experience in guiding Ph.D students.

He did his B.E. (Electronics & Power Engineering) from Nagpur University, V.N.I.T. and M.Tech in Computer Science Engineering from IIT-Bombay. He has done M.A. in public administration from Nagpur University and also holds a doctorate from the Nagpur University.

Prof. A. U. Digraskar
Former Head, National Project Implementation Unit
Technical Education Quality Improvement Programme

Prof Digraskar graduated in Civil Engineering in 1979 from Karnataka University. He pursued M. Tech. (Structures) and Ph. D. in Civil Engineering from National Institute of Technology (NIT), Warangal.

Prof Digraskar was a lecturer in Civil Engineering at NIT Warangal during 1982-85 and later on joined as a lecturer in Civil Engineering Department at SGGS Institute of Engineering and Technology, Vishnupuri, Nanded.

He was deputed to National Project Implementation Unit (A unit of Ministry of Human Resource Development, Government of India for implementation of World Bank assisted projects in Technical Education) in November 2007 as the Central Project Advisor.

Under his leadership, the first phase of the Technical Education Quality Education Programme (TEQIP-I) was completed in March, 2009. The second phase of TEQIP-II was also conceptualized and implemented by him successfully up to November 2014. He has conceptualized the third phase of TEQIP also before joining back the SGGS Institute of Engineering and Technology, Vishnupuri, Nanded where he is the Professor and Head of Civil Engineering since November 2014.

Mr. P. M. Bhosekar
Head-Corporate Affairs, Godrej & Boyce Mfg. Co. Ltd.

Mr. P.M. Bhosekar holds a Bachelor's Degree in Mechanical Engineering from VNIT Nagpur and MBA in HR from Jamnalal Bajaj Institute, Mumbai.

Mr. Bhosekar is currently Head of Corporate Training Centre at Godrej & Boyce Mfg. Co. Ltd. Mumbai. He has worked in various functions like purchase, customer service before taking up this assignment.

Mr. Bhosekar is running a training programme in Welding for community youth under the Company's Corporate Social Responsibility (CSR) agenda. This course has completed over sixty batches so far since it was started three years back.

Mr. Bhosekar is member of various committees formed by State Government, industry bodies like CII and also on academic board of engineering colleges. His memberships include Board of Governors for Board Of Apprenticeship Training (BOAT) – Western Region, CII National Committee on Skill Development, CII National Committee on Higher Education, Mentors' Council for Directorate General of Training (DGT), New Delhi that looks into training curricula for various Trades in ITI, Academic Board of Sardar Patel College of Engineering, Mumbai etc.

Mr. Vishnu Goyal
Director, Centre of Electronic Governance (CEG)
Officer on Special Duty to Minister of Technical Education
Rajasthan Government

Mr. Vishnu Goyal has rich experience in technical education and has demonstrated an innovative approach towards the development of technical education. His passion for teaching led him to join as a Lecturer in Computer Science Department in the Department of Technical Education, Government of Rajasthan in the year 1993. He is presently working as Director, Centre of Electronic Governance (CEG) and Officer on Special Duty (OSD) to the Minister of Technical Education Government of Rajasthan.

He obtained his B. Tech. in Computer Science from Amravati University in 1991 and M. Tech. in 2011 from Malaviya National Institute of Technology, Jaipur. He has completed his doctorate in computer science with specialisation in algorithms, neurosciences and data mining. He is associated with more than ten boards and universities of the country as a member, examiner, convenor, moderator etc., and is affiliated to Institute of Engineers as corporate member and a member of Board of Studies, Bikaner University. He is also a jury member and performance auditor of AICTE. He has also served underprivileged through various social organizations and has been awarded and felicitated by reputed NGO's for his contributions to social services.

Mr. Srinivasu Gopalakrishna
Lean Manager
Caterpillar India Limited

Mr Gopalakrishna is a certified Six Sigma Black Belt and certified CPS Black Belt with over 25 years of experience in Manufacturing, Maintenance, SAP (PM/MM/PP Modules), Lean Six Sigma, Quality Management Systems, Cost Reduction Initiatives as well as Project Execution.

At present, he is working as Lean Manager with Caterpillar India Limited. He has expertise in Six Sigma techniques as well as guiding and mentoring teams towards successful completion of Green Belt and Black Belt projects. He is an expert in CPS Caterpillar Production System and is the first certified CPS Black Belt from Asia Pacific region. He has a distinction in steering improvement initiatives with focus on streamlining & managing process planning operations with proactive planning, introducing new concepts leading to Cycle Time reduction and velocity improvements.

Mr Gopalakrishna also has deep knowledge in Capital Projection Planning for LTF – Long Term Forecast , S&OP – Short Term Forecast & process engineering to facilitate smooth functioning of overall production operations & enhance operational efficiency in the manufacturing industry. He is a certified CPS Black Belt and possesses excellent knowledge of TPS & CPS.

Mr Gopalakrishna has a clear understanding of the industry, technology trends and has instituted quality control techniques to achieve product excellence at the lowest overall cost. He has received various awards & recognitions.

Dr. M. P. Poonia
Director, NITTTR, Chandigarh

Dr. Poonia has specialized in the areas of Mechanical Engineering (IC Engines, Gas Dyanics, Ref. & AC), Renewable Energy and Sustainable Development. He is an M.Tech (Mech.) and Ph.D (Thermal Engineering) from Indian Institute of Technology (IIT) Delhi. He has a vast experience of over 30 years. This includes his 6 years stint as Principal of Government Engineering College, Bikaner (Rajasthan) and a little over one year as Dean, Planning and Development in MNIT, Jaipur, (Rajasthan).

He has published 80 papers in National and International Journals and published several books and manuals in the field of Mechanical Engineering. He is the Member of IEI, ISTE & Society of Automotive Engineers.

On 20th July, 2012, Dr. Poonia took up the responsibility of Director, National Institute of Technical Teachers Training and Research, Chandigarh. Dr. Poonia made significant contribution as Director of the institute for the growth and development of technical education in the northern states of India and to conduct of sub-regional and in-country programmes in collaboration with Colombo Plan Staff College for Technician Education, Manila, Philippines. Under his able leadership, the institute has to its credit the conduct training programme for Nigeria. He has undertaken projects sponsored by AICTE, Department of Science and Technology and Government of Rajasthan and MHRD. Dr. Poonia is the Adviser of Sustainable Business Network of ESCAP Business Advisory Council.

He is the recipient of many awards for his academic achievements and National Award for the Empowerment of Persons with Disabilities – 2013 by the Hon'ble President of India in recognition of outstanding performance in the field of Best Institution for Empowerment of Persons with Disabilities in the country. He was conferred Bharat Mata Award by Indian Institute of Oriental Heritage (an International Institute of Oriental Studies and Research, Kolkata) in 2014. He is the member of Board of Governors of as many as 22 Government/Autonomous bodies/Universities in the state of Punjab, Haryana, Himachal, Delhi and Chandigarh. He has visited many countries USA, China, Thailand, Singapore & Sri Lanka.

Dr. Gopal Saravanan
Group Manager – Lower Powertrain Operations & Hauling & Extraction Division, Caterpillar India Pvt. Ltd.

Dr Saravanan is a graduate in Mechanical Engineering and post-graduate in Business Administration and Doctorate in Management Sciences. Soon after his graduation, he joined Hindustan Motors (now Caterpillar India) as a Graduate Engineer Trainee in the Quality Department. Over the years, he has progressed as an Inspection Engineer, Quality Supervisor, New Product Development Project Manager, 6 Sigma and Caterpillar Production System Black Belt and now as a Group Manager.

Dr Saravanan has 20 years of Industrial Experience and underwent various professional trainings in India and United States. He is a Chartered Engineer and Active Member in many of the professional organizations like ASQ, ASME, SAE, IET, IEI and NIQR. He has also published papers in 12 International Journals on 6 Sigma, New Product Development, Competitive Benchmarking and Caterpillar Production System. He has received several awards including "Best Citizens of India 2005" by International Publishing House. He has also featured in print media including 2009 & 2010 Editions of Marquis Who's Who in the World, International Educator of the year 2009 Award and 2000 Outstanding Intellectuals of the 21st Century, to name a few. I have

Dr Saravanan has two patents registered in his name from United States for developing new process design in Off-Highway machines. He is a frequent consultant to various Engineering Colleges for providing Guest Lectures on 6 Sigma, CPS Methodology, Supply Chain Management, New Product Development, Time Management, Communication and Presentation Skills. I am also a SAE Panel Judge for various events of Tier II and Tier III National Student Convention. He is a Co-opted Member of Industry-Institution Partnership Forum of Prathyusha Institute of Technology and Management.

Dr. K.G. Balakrishnan
Principal, College of Engineering, Munnar

Dr Balakrishnan graduated from BITS Pilani and completed his post graduation and Doctorate from IIT Delhi in Electronics Engineering (Dielectric polarization applied to Photocopying Machines). Thereafter he obtained post doctorate (LCD for laptops) from Osaka University, Japan in 1977.

He has a 12 year industrial experience as Instrumentation Engineer at Birla Industries & University of Kerala. He also has over 20 years of teaching experience as Professor in the department of Electronics and Communication engineering at Cochin University of Science and Technology. He has 41 publications to his credit, 13 of them in international refereed journals and also has 8 Indian patents in his name.

Dr Balakrishnan has held important positions such as Principal, College of Engineering, Chengannur & Munnar; Registrar, Cochin University of Science and Technology; Director, Institute of Human Resources Development (IHRD) and Cooperative Academy for Professional Education (CAPE), Government of Kerala.

He also served as Dean, Faculty of Technology, Cochin University of Science and Technology; Dean, Faculty of Engineering and Technology, Mahatma Gandhi University, Kottayam and Member Syndicate, Senate and Academic Council, Cochin University of Science and Technology.

Dr Balakrishnan was involved in the accreditation process in NAAC accreditation of Cochin University of Science and Technology, NBA accreditation of department of Electronics of Cochin University of Science and Technology and IET(Institute of Engineering and Technology, UK) accreditation of the Department of Electronic and Computer Engineering, Caledonian College of Engineering, Muscat, Oman. He was also a member of AICTE approval committee, for several Colleges and NBA Accreditation Committee

Prof. (Dr.) V.P. Devassia
Additional Director IHRD and Principal Model Engineering College, Cochin

Prof Devassia is a Doctor of Philosophy in Signal Processing and Master's in Industrial Electronics from Department of Electronics, Cochin University of Science And Technology. He also completed Electrical Engineering from MA College of Engineering, Kothamangalam, Kerala University.

He has over 24 years of teaching experience at UG/PG level Engineering and in guiding projects / Research work. His has also gained administrative experience by serving as HOD, Vice-Principal, Principal, Additional Director under IHRD.

He also has more than seven years of industrial experience in his stint as Junior Engineer with Hindustan Paper Corporation, as Design Engineer for CNC machines and Robotic Systems with Hindustan Machine Tools Ltd.

Prof Devassia is a member of Expert Committee for NBA Accreditation, of Faculty of Engineering & Board of Studies, CUSAT and the Institute of Electrical and Electronics Engineers (MIEEE). He is also life member of The Indian Society for Technical Education (MISTE). He is a fellow of Institution of Electronics and Telecommunication Engineers, India (FIETE) and Institution of Engineers (India) (FIE). He is a member of Chartered Engineer of the Institution of Engineers (India) (C.Eng.) also.

He has 12 national and international journals to his credit. His area of interest is Pseudo-Periodic Signal Processing /Graph theory/video Content analysis.

Prof. Surendra Prasad
Chairman, National Board of Accreditation

Professor Surendra Prasad received his education at IIT Kharagpur and IIT Delhi. He has served IIT Delhi for more than four decades, having held a number of academic and administrative responsibilities, including its Director for 6 years between 2005 and 2011.

He is an eminent educationist and researcher and has received numerous recognitions for teaching and research including, among others, the Vikram Sarabhai Research Award in Electronics and Telecommunications (1987), the Shanti Swarup Bhatnagar Prize for Engineering Sciences (1988), the Om Prakash Bhasin Prize for research in Electronics and Communications (1994), the VASVIK award for Information Technology (2006), the Life time Achievement Award of the Systems Society of India (2011), the distinguished alumnus award of IIT Kharagpur and was honoured with an honorary doctorate by the Loughborough University, U.K. (2007).

He is a Fellow of the Indian National Academy of Engineering, the Indian National Science Academy, the Indian Academy of Sciences and the National Academy of Science. He has been a member of the Governing Body of CSIR and CSIR Society, Government of India and numerous boards of IITs, NITs and other engineering Institutions.

He is currently the honorary Chairman of the National Board of Accreditation (NBA). As Director of IIT Delhi, Dr. Prasad, together with his colleagues, was able to take a number of initiatives for taking the Institute to the next level in research and teaching.

Dr. D. Singh Karaulia
Director in-charge,
NITTTR, Bhopal.

In the past, he has held positions such as Dean, Faculty of Technical Education; Member Executive Council of Barkatullah University, Bhopal and Dean, Academics at NITTTR, Bhopal. He has been a practicing Educational Consultant for design, implementation and evaluation of multilaterally funded projects of UNDP, UNESCO, WorldBank; CIIILP, Canada; & British Council, UK. He has served as a Teacher Trainer, an ICT Academic & IT Professional, and as a Researcher in Information Technology, Engineering Science and Technical Education. He has been UNESCO Fellow at WSU, USA, and a fellow at university of North Umbria, UK.

He has authored several research papers, reports & monographs, and served as referee on editorial boards of reputed national and international journals & conferences, besides being member of several state and national level committees, and professional societies. His current research interests include orchestrating framework in cloud computing and e-learning.

Prof. S. Meenakshisundaram
Prof & Director, Centre for Food Technology, Anna University, Chennai

Prof. S. Meenakshisundaram is the Director, Centre for Food Technology, Anna University, Chennai. His professional qualifications are in the field of Chemical Engineering and Biotechnology. He has 25 years of research experience in the field of Biochemical engineering and as consultant in the field of bioprocess engineering. He is the coordinator of Technology Business Incubator of Anna University and deputy coordinator of University Innovation Cluster, which will explore innovative skills of research scholars and post graduate students. He is also the Principal Investigator in various research projects funded by Govt of India.

Prof. S. L. Soni
Professor, Department of Mechanical Engineering, Malaviya National Institute of Technology, Jaipur

Prof. Shyam Lal Soni did his Bachelor of Engineering from MREC Jaipur with honours in 1979. He then did his M.Tech. and PhD from IIT Delhi. His field of specialization is alternate fuels in I.C. engines.

Dr. Soni currently serves as Faculty Coordinator Placement and Training and is Professor in the Department of Mechanical Engineering at Malaviya National Institute of Technology, Jaipur. He had been the Chairman for the Golden Jubilee Celebrations of MNIT Jaipur during the year 2012-13.

Prior to this he has served as Head of the Department of Mechanical Engineering at MNIT Jaipur for more than three years. He served MNIT in the capacity of Lecturer, Reader and now as Professor. He has also served NEI Ltd. Jaipur as design engineer just after obtaining his B.E. degree.

Dr. Soni He has more than 34 years of teaching experience at MNIT Jaipur. He has published more than 55 research papers in national and international journals and conferences. He has guided five research works leading to award of PhDs and eight more Doctoral research works are under progress in his supervision. He is founder Faculty Advisor of SAE student chapter at MNIT Jaipur.

He has developed the I.C. engines laboratory by upgrading the laboratory equipment conforming to Industrial requirement, setting up of new experiments to facilitate graduate and other research projects of PhD level at MNIT Jaipur. As in charge I.C. Engines Laboratory he had very actively worked in the field of I.C. engine technology, fuel quality and alternate fuels for S.I. and C.I engines. The laboratory has been developed to have facilities to carry out advanced research work.

Dr. Soni is life member of Indian Society for Technical Education, Indian Association for Air Pollution Control, SAE India and Indian Society for Combustion Engineers. He is member of advisory board in some of the leading universities and has been associated with NAAC as a peer committee of experts for evaluating many Universities in India.

ORGANIZER PROFILE

Confederation of Indian Industry (CII)

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CII CONTACT

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All India Council for Technical Education (AICTE)

The AICTE was constituted in 1945 as an advisory body in all matters relating to technical education. Even though it had no statutory powers, it played a very important role in the development of technical education in the country. It had four regional committees with offices at Chennai, Mumbai, Kanpur and Calcutta. All the new schemes and proposals for starting new institutions / programmes were approved by the corresponding Regional Committee and subsequently vetted by the Council.

There was large-scale expansion of technical education in the late fifties and early sixties and again in the eighties. While the expansion in the fifties was done with the approval of the AICTE and the Government of India, the expansion in the eighties was localised mostly in the four states of Karnataka, Maharashtra, Tamil Nadu and Andhra Pradesh and was primarily in the self-financing sector without the approval of the AICTE and Government of India. It was in this period that the National Policy on Education-1986 made a specific mention of the need to make AICTE a statutory body and stated:

Even earlier, the Education Commission of 1964. popularly known as Kothari Commission after the name of its Chairman, made the following recommendation for the proper administration of technical education: "To ensure the pursuit of the highest standards at the first degree and post-graduate levels, and to provide adequate machinery with the national and professional concern with the future development at these levels, we have recommended the setting up of a UGC-type organisation, industry and concerned Ministries. This body should have a full-time chairman, and funds should be allotted to it on a block basis."

In view of the above, AICTE became a statutory body through an Act of Parliament 52, in 1987. The Council, i.e. AICTE was established with a view to the proper planning and co-ordinated development of the technical education system throughout the country, the promotion of qualitative improvement of such education in relation to planned quantitative growth and the regulation and proper maintenance of norms and standards in the technical education system for matters connected therewith.

Technical education was defined as programmes of education, research and training in engineering, technology, architecture, town planning, management, pharmacy and applied arts and crafts and such other programmes or areas as the Central Government may, in consultation with the Council, by notification in the official Gazette, declare.

AWARD SPONSORS

CADILA PHARMACEUTICALS LIMITED

The Care Continues...

Cadila Pharmaceuticals Limited

Sponsor of Award for Best Industry-Linked Pharmacy Institute (Degree)

Cadila Pharmaceuticals is one of the largest privately held pharmaceuticals companies in India, headquartered at Ahmedabad, Gujarat, India. Established in 1951, the company develops and manufactures pharmaceutical products and sells and distributes these in all major markets across the globe. It is an integrated healthcare solutions provider with a comprehensive therapeutic basket including oncology, pulmonology, neurology and cardiovascular. Cadila Pharmaceuticals is a research and innovation driven company and has collaborations with premier academic and research-based organisations across the world. It was the first Indian company to get IND approval by USFDA for clinical trials to be conducted in India. Subsequently, the company has filed 5 INDs with the USFDA.

ELICO Limited

Sponsor of Award for Best Industry-Linked Electronics & Allied Engineering Institute (Degree)

Sponsor of Award for Best Industry-Linked Electronics & Allied Engineering Institute (Diploma)

ELICO Limited established in 1960, is an ISO 9000/14001/27001 certified Company which designs, develops and manufactures Electronic Analytical Instruments and also offers high-end solutions in the field of Instrumentation, Mechoptronics, Homeland Security and Application Software Development. ELICO is the 1st Analytical Instruments Company in India and the 1st Electronic Industry in the State of Andhra Pradesh. ELICO has developed several technologies in the areas of Spectrophotometry, Chromatography, Electrochemistry, Flame Photometry Instrumentation and also works with global leaders in product development and manufacturing (ODM Services).

Hindustan Unilever Limited

Hindustan Unilever Limited

Sponsor of Award for Best Industry-Linked NIT / IIT / IIIT

Hindustan Unilever Limited (HUL) is India's largest Fast Moving Consumer Goods Company with a heritage of over 80 years in India. HUL works to create a better future every day and helps people feel good, look good and get more out of life with brands and services that are good for them and good for others. With nine out of ten Indian households using its products, HUL believes that it has the ability to make a difference through its brands and bring about a social change.

With over 35 brands spanning 20 distinct categories such as soaps, detergents, shampoos, skin care, toothpastes, deodorants, cosmetics, tea, coffee, packaged foods, ice cream, and water purifiers, the Company is a part of the everyday life of millions of consumers across India. Its portfolio includes leading household brands such as Lux, Lifebuoy, Surf Excel, Rin, Wheel, Fair & Lovely, Pond's, Vaseline, Lakmé, Dove, Clinic Plus, Sunsilk, Pepsodent, Closeup, Axe, Brooke Bond, Bru, Knorr, Kissan, Kwality Wall's and Pureit. HUL brands are manufactured in around 30 factories. HUL has a direct coverage of more than 2 million outlets through its vast distribution network of more than 3500 re-distribution stockists.

The Company has over 18,000 employees and has an annual turnover of INR 30,170 crores (financial year 2014 – 15). HUL is a subsidiary of Unilever, one of the world's leading suppliers of fast moving consumer goods with strong local roots in more than 100 countries across the globe with annual sales of 48.4 billion in 2014. Unilever has 67.2% shareholding in HUL.

HUL's purpose is to make sustainable living commonplace. This has been codified in the Unilever Sustainable Living Plan (USLP), launched in 2010, which is the Company's blueprint for sustainable growth. Through the Unilever Sustainable Living Plan, HUL is committed to halving its environmental impact, improving the health & well-being of more than a billion people, and enhancing the livelihoods of millions working in its value chain.

To know more about HUL brands and initiatives, do visit: https://www.hul.co.in/

KHS Machinery Pvt. Limited

Sponsor of Award for Best Industry-Linked Mechanical & Allied Engineering Institute (Degree)

KHS India was started by Mr. Mahendra N. Patel and Mr. Yatindra R. Sharma as a Joint Venture with KHS GmbH, Germany. KHS is a market leader in providing turnkey solutions for packing and processing of beverages. With the employee strength of above 500 we serve clienteles which are powerful MNCs like Nestle, Unilever, Coca-Cola, PepsiCo, Parle, Parle-Argo Foods, and so on. The company does exports to countries like Germany, China, Sri Lanka, Bangladesh, Nepal, Bhutan, Myanmar, etc.

KHS India is a market leader in India and has been awarded ISO 9001: 2008 and ISO 14001: 2004 certification; OHSAS 18001 : 2007. KHS India has also won various awards for Manufacturing, Supply Chain, Human-Resource & Export as well as for its Plant Structure. KHS India has been judged as best German joint venture by Indo German Chamber of Commerce in 2008 and 2013.

KHS India's expansion project was inaugurated by our present honorable Prime Minister Mr. Narendra Modi in 2007. This project was implemented as Memorandum of Understanding (MOU) between Government of Gujarat and KHS India.

Mr. Yatindra Sharma, Managing Director of KHS India has travelled as part of various Delegations from Gujarat to promote Vibrant Gujarat – Global Investors' Summit. He is Past Chairman of CII Gujarat State Council, Past President of Ahmedabad Management Association & Vice President of DDU Alumni Association.

New Ideas, More Value™

NIIT Technologies

Sponsor of Award for Best Industry-Linked Computer / IT & Allied Engineering Institute (Degree)

Sponsor of Award for Best Industry-Linked Computer / IT & Allied Engineering Institute (Diploma)

NIIT Technologies is a global IT solutions organization with over 9000 professionals addressing the requirements of clients across the Americas, Europe, Middle East, Asia and Australia. The Company's portfolio of service offerings encompasses Application Development and Maintenance, Infrastructure Managed Services, Digital Services and Business Process Management. The Company has built a robust portfolio of marquee customers in key verticals such as Travel and Transportation, Banking and Financial Services, Insurance, Manufacturing, Media and the Government.

The Company's highly developed offshore and near-shore facilities, experienced team of domain specialists and innovative approaches to customer experience management & delivery has been a catalyst in sustaining long-term customer engagements - many spanning over 10 years. Known for its quality-orientation, NIIT Technologies has been assessed at leading global quality benchmarks and standards including the ISO 9001:2000, ISO: 27001 (an Information Security Management accreditation), Level 5 of SEI CMMi version 1.2, COPC, PCMM level 5, and the international ISO 20000 (IT management standard).

NRB Bearings Limited

Sponsor of Mentor Award for Best Industry-Linked Engineering Institute – Degree

Founded in 1965, NRB Bearings Ltd (NRB) was the first company to manufacture needle roller bearings in India. For over 40 years NRB has pioneered leading edge bearing technology. Today over 90% of vehicles on Indian roads run with NRB provided friction solutions.

Since inception, NRB has grown to offer a wide range of high-precision friction solutions for all mobility applications. The company is the domestic market leader in needle roller bearings and cylindrical roller bearings and the first choice for special ball bearings, tapered bearings and combination bearing solutions. With 6 manufacturing plants in India and 1 in Thailand, NRB has a diversified and de-risked operational model.

NRB is a trailblazer in Innovative design with comprehensive engineering capabilities. In 2000 NRB established an Engineering & design centre at Thane, recognized by the Indian department of science & Technology as a world class R & D facility.

NRB is a global supplier to major mobility companies worldwide, including Mercedes, Volvo, Honda, John Deere, Bosch, ZF and Getrag. Today we supply bearings and allied products to customers in 26 countries across 5 continents, including Germany, Sweden, France, Italy, The Czech Republic, Russia, China, Brazil, Mexico and the USA.

Tata Chemicals Limited

Sponsor of Award for Best Industry-Linked Chemical & Allied Engineering Institute (Degree)

Sponsor of Award for Best Industry-Linked Chemical & Allied Engineering Institute (Diploma)

Sponsor of Mentor Award for Best Industry-Linked Chemical & Allied Engineering Institute

A part of the over US$ 100 billion Tata Group, Tata Chemicals Limited (TCL) has interests in businesses that focus on LIFE — Living, Industrial and Farm Essentials. It is market leader in India's branded Iodised salt segment. It manufactures an innovative, low-cost, nanotechnology based water purifier; TCL is providing affordable, safe drinking water to the masses. The company is currently the world's second largest producer of soda ash with manufacturing facilities in Asia, Europe, Africa and North America. It is a leading manufacturer of urea and phosphatic fertilisers.

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Confederation of Indian Industry
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