



All India Council for
Technical Education



Confederation of Indian Industry



AICTE-CII Survey of Industry-linked Technical Institutes 2020

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Objective

Objective of the AICTE-CII Survey is to assess the current status of partnership between technical institutions and industry on six basic parameters such as curriculum, faculty, governance, infrastructure, placements and research and services / project & skill development.

About the awards

The AICTE-CII Survey is being jointly conducted with the AICTE since 2012.

The AICTE-CII Survey for Industry-Linked Technical Institutes maps industry linkages of Indian technical institutes in four broad streams – Engineering, Management, Architecture and Pharmacy. It showcases the best practices of partnerships with industry and highlights the strengths and weaknesses of the ecosystem of technical education in India.

At the end of the survey, awards and citations are given to the Best Industry Linked Institutes.

A detailed report is also released after the survey to give a detailed analysis of the survey findings and data collected regarding the depth of industry linkages of institutes across six parameters – governance, curriculum, faculty, infrastructure, services and placements. The report also categorized the institutes in Platinum, Gold and Silver category according to their scores obtained in the survey.

Award Categories

Standard Category: The course should have been in offering for 10 years or more on the commencement of survey

Emerging Category: The course should have been in offering for less than 10 years on the commencement of survey

The detail of the categorization of the awards are:

Engineering

1. Best Industry-Linked Chemical & Allied Engineering Institute (Degree)
2. Best Industry-Linked Civil & Allied Engineering Institute (Degree)
3. Best Industry-Linked Computer / IT & Allied Engineering Institute (Degree)
4. Best Industry-Linked Electrical & Allied Engineering Institute (Degree)
5. Best Industry-Linked Electronics & Allied Engineering Institute (Degree)
6. Best Industry-Linked Mechanical & Allied Engineering Institute (Degree)
7. Best Industry-Linked Emerging Engineering Institute (Degree)
8. Best Industry-Linked Chemical & Allied Engineering Institute (Diploma)

9. Best Industry-Linked Civil & Allied Engineering Institute (Diploma)
10. Best Industry-Linked Computer / IT & Allied Engineering Institute (Diploma)
11. Best Industry-Linked Electrical & Allied Engineering Institute (Diploma)
12. Best Industry-Linked Electronics & Allied Engineering Institute (Diploma)
13. Best Industry-Linked Mechanical & Allied Engineering Institute (Diploma)
14. Best Industry-Linked Emerging Engineering Institute (Diploma)
15. Best Industry-Linked NIT / IIT / IIIT

Management

1. Best Industry-Linked Management Institute
2. Best Industry-Linked Emerging Management Institute
3. Best Industry-Linked IIM

Pharmacy

1. Best Industry-Linked Pharmacy Institute (Degree)
2. Best Industry-Linked Emerging Pharmacy Institute (Degree)
3. Best Industry-Linked Pharmacy Institute (Diploma)
4. Best Industry-Linked Emerging Pharmacy Institute (Diploma)

Architecture/Planning:

1. Best Industry-Linked Architecture/Planning Institute
2. Best Industry-Linked Emerging Architecture / Planning Institute.

Note: *Course-age criteria is applicable to every course separately. It will not be calculated as per the age of the institute.*

Who can apply

For Short Survey

All degree and diploma granting institutes in Engineering, Management, Pharmacy and Architecture. This survey has to be filled during the Approval Process of AICTE.

For Full Survey

On the basis of the Short Survey, institutes which fulfil the basic criteria are invited to participate in the Full Survey.

Why to participate

Benefits for all applicants

- Get recognized as industry-linked technical institutes.
- Space for exhibition @ discounted rates at CII Higher Education Summit 2020 on Virtual Platform

- Get feedback on strengths and weaknesses on various parameters.
- Benchmark your institute among other industry-linked institutes in India.
- Learn about best practices.
- First-hand information of all higher education related initiatives of CII

Benefits for winners

- Winners are showcased at CII platforms (national and international) as top industry-linked institutes in the country
- Media coverage
- Showcasing in report of AICTE-CII Survey 2020

How to apply

The AICTE-CII Survey is an online survey which is hosted on the server of AICTE at www.aicte-india.org.

For the Short Survey the institutes have to submit their data on the AICTE portal during the annual approval process of AICTE. On the basis of the data submitted the institutes will be shortlisted for the second stage.

For the second stage AICTE will send information to institutes about being shortlisted for next level of data collection i.e. Full Survey. The institutes should log in to their AICTE portal with the login credentials provided by AICTE and click the tab “**CII Questionnaire**”

The “CII Questionnaire” tab directs the institutes to the online application form to be filled on the portal itself. There is no separate downloadable application form for the Full Survey. For ease of filling the data, institutes have been provided the facility of exporting data in excel format to the AICTE server.

A detailed ‘Help Manual’ (Annexure 1) is available separately to provide step-by-step assistance. This will facilitate quick, easy and convenient filling up of Survey data. Those institutes which do not have an AICTE login ID can write to ravi.hira@cii.in or shalini.sharma@cii.in for generation of special ID for the purpose of the survey.

Questionnaire

Short Survey

1. Does your institute interact with industry on regular basis?
 - a. If yes, number of companies your institute is in regular touch with for the past 2 years.
2. Do students of your institute go to industry for internships?
 - a. If yes, what percentage of students go for internships?
 - b. Number of students who went for internship in past 2 years.
3. Do experts from industry come to spend time with your faculty and students?
 - a. If yes, how many industry experts visited your institute in the past 2 years?
4. Do your faculty members provide training to industry people?
 - a. If yes, how many training programmes were organised in the past 2 years?
5. Are your faculty members on boards of companies?
 - a. If yes, number of such faculty in past 2 years.
6. Has your institute filed for patents in the past 2 years?
 - a. Number of patents filed for in past 2 years:
7. Has industry funded any cell / department / lab in your institute in past 2 years?
 - a. Number of units funded by industry in past 2 years:
 - b. What is the total fund received on this count in past 2 years?
8. Does your institute get live projects from industry for B.Tech / M.Tech students?
 - a. Number of industry projects received in past 2 years:
9. Do you get consultancy projects from industry?
 - a. If yes, how many consultancy projects did your institute receive in the past 2 years?
 - b. What is the total worth of such projects in Rs?
10. Do companies come to your institute to provide placement to students?
 - a. Number of companies which came in past 2 years:
 - b. What percentage of students get company placements?
11. Do you have industry members on BOG / advisory councils of your institute?
 - a. Number of industry members on BOG / advisory councils:
12. Does your curriculum get revised as per industry's requirements?
 - a. If yes, what is the frequency of revision in terms of number of years?

13. Whether your institution is having any Incubation for Start-ups?

a. If Yes. How many start-ups came up as on date?

Full Survey

For Degree

Questionnaire For Degree Courses 2020		
1		Industry in curriculum (20%)
1.1	Question	Number of companies providing Industrial training/internship
1.2	Question	Number of Industry visits for students
1.3	Question	% of visting faculty from industry as compared to core faculty
1.4	Question	Number of Industry guest lectures / seminars conducted
1.5	Question	Incremental change in curriculum in 2018-19 over 2019-20
2		Industry-faculty interface (20%)
2.1	Question	% of faculty members who provided training / lectures to industry during 2018-20
2.2	Question	% of faculty members on the boards of industry / advisory, academic councils / statutory university bodies
2.3	Question	Number of man-days of refresher courses provided by faculty to industry executives during 2018-20
2.4	Question	Number of man-days of programmes attended / trainings received by faculty from industry during 2018-20
2.5	Question	Number of faculty patents, design and other IPRs except copyrights of books in 2018-20 GRANTED
2.6	Question	Number of faculty patents, design and other IPRs except copyrights of books in 2018-20 FILED
2.7	Question	% change in the number of patents filed and granted in 2018-19 over 2019-20
2.8	Question	Number of papers jointly authored with industry
3		Industry in infrastructure (10%)
3.1	Question	Number of centers/ units/ cells financially supported by industry
3.2	Question	% of financial contribution by industry in the unit
3.3	Question	Number of companies which provided mentorship support in incubation centres / entrepreneurship cell
4		Industry research / consultation (20%)
4.1	Question	Number of Contractual Research projects assigned to institute during 2018-20
4.2	Question	Number of Technology Transfers to industry during 2018-20
4.3	Question	Number of Consultancy / Advisory Services provided to industry during 2018-20
4.4	Question	Incremental change in the Number of industry research / consultation projects received in 2018-19 and 2019-20
5		Placements (20%)
5.1	Question	Number of companies with stream / specialization specific job profile coming to campus

5.2	Question	Number of students offered jobs from campus during 2018-20
5.3	Question	Number of students offered jobs in specialization / stream specific companies in 2018-20
5.4	Question	Number of start-ups incorporated through the institute's incubation centre in 2018-19 & 2019-20
5.5	Question	Incremental change in the number of companies which came to the campus in 2018-19 over 2019-20
6 Industry in governance (10%)		
6.1	Question	Number of industry members on BoG/ advisory councils
6.2	Question	% of Industry members attending BoG meetings/ advisory councils

For Diploma

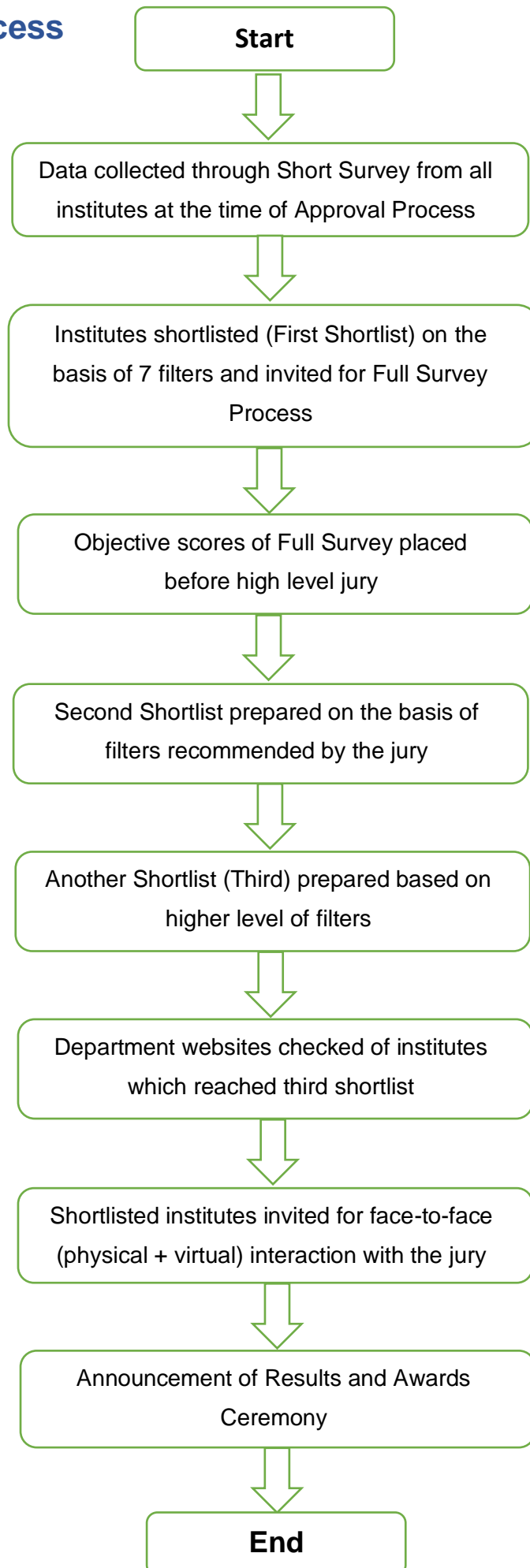
Calculation Criteria For Diploma Courses 2020		
1		Industry in curriculum (25%)
1.1	Question	No. of companies providing Industrial training/ internship
1.2	Question	No. of Industry visits for students
1.3	Question	% of visting faculty from industry as compared to core faculty
1.4	Question	No. of Industry guest lectures / seminars conducted
1.5	Question	No. of times the curriculum was updated between 2018-20
2		Industry-faculty interface (20%)
2.1	Question	% of faculty members who provided training / lectures to industry during 2018-20
2.2	Question	% of faculty members on the boards of industry / advisory, academic councils / statutory university bodies
2.3	Question	No. of man-days of refresher courses provided by faculty to industry executives during 2019-20
2.4	Question	No. of man-days of programmes attended/ trainings received by faculty from industry during 2019-20
2.5	Question	No. of faculty patents, design and other IPRs except copyrights of books in 2018-20 GRANTED and FILED
2.6	Question	No. of papers jointly authored with industry
3		Industry in infrastructure (10%)
3.1	Question	No. of centers/ units/ cells financially supported by industry
3.2	Question	% of financial contribution by industry in the unit
3.3	Question	Number of companies which provided mentorship support in incubation centres / entrepreneurship cell
4		Projects and Skill Development (20%)
4.1	Question	No. of persons trained under skill development programme with industry participation during 2018-20
4.2	Question	No. of projects done for social responsibility and community development with industry participation during 2018-20

4.3	Question	Revenue generated through contractual work in 2018-19 & 2019-20
5 Placements (20%)		
5.1	Question	Number of companies with stream / specialization specific job profile coming to campus
5.2	Question	Number of students offered jobs from campus during 2018-20
5.3	Question	Number of students offered jobs in specialization / stream specific companies in 2018-20
5.4	Question	Number of students who opted for self-employment / setting up social enterprise / setting up a company / starting a consultancy firm
6 Industry in governance (5%)		
6.1	Question	Number of industry members on BoG / advisory councils
6.2	Question	% of Industry members attending BoG meetings / advisory councils

Terms of conditions

- All cases of arbitration will be referred to the Chairman of the jury and his word will be final in any matter of dispute.
- The institute will be disqualified from the survey for the next three years for submission of any forged documents / incorrect data.
- The institute's name will be displayed on the AICTE website for being disqualified to participate in the AICTE-CII Survey of Industry-Linked Technical Institutes
- There is no fee for registration/submission of application for the survey.
- The entire process is online; no offline data or application will be entertained.
- The application cannot be edited after the submission.

Awards Process



Jury Process

Stage 1: Receiving Application

- Institutes apply for the survey on the AICTE Web portal using their AICTE login IDs.
- IITs, NITs, IIITs, IIMs & other University Departments obtain their login credentials for the AICTE web portal by sending an email to CII.
- Institutes are free to apply in multiple disciplines and streams (in Engineering) under the same application.
- Applicants have to fill the 'CII Questionnaire' and submit their applications online.

Stage 2: Internal Evaluation

- Each institute is given an objective score for every entry as per a pre-set algorithm.
- On the basis of objective score institutes are shortlisted for Full Survey.
- The shortlisted institutes apply in the Full Survey and submit their respective application.
- Objective score is given as per the preset algorithm.
- On the basis of these objective scores and NBA accreditation status of the programme, a shortlisting is done
- These marks for each institute are presented to the Jury for their consideration and further shortlisting

Stage 3: Jury Process or Selection

- The jury shortlists the institutes on the basis of the objective scores and the scores attained after evaluation of the documents.
- The shortlisted institutes are asked to give presentation either in person or through skype
- On the basis of their evaluation of the institutes, the final winner in each category will be decided.

Jury Members I 2019

S.No,	Name and details
1.	Dr. Y. S. Rajan Dr Vikram Sarabhai Distinguished Professor, ISRO
2.	Prof. J.K. Mitra Former Head & Dean, Faculty of Management Studies (FMS), Delhi University

3.	Dr. Prahlada Ramarao DS & CC R&D (Aero & Services Interaction), Distinguished Scientist and Chief Controller, R&D (Aero & SI), DRDO, Ministry of Defence
4.	Dr Nirja Sharma CHRO KHS Machinery Pvt. Ltd.
5.	Mr Nirupam Srivastava Vice President Hero Corporate Service Pvt. Ltd.
6.	Dr K Kesavasamy Head, Academic Interface Program Tata Consultancy Services
7.	Dr Vinnie Jauhari Director Education Advocacy Microsoft Corporation India Pvt. Ltd.
8.	Dr. Narendra Kumar Bishnoi Professor and Chairperson Department of Economics GJ University of Science & Technology, Hisar
9.	Prof. (Dr.) Manoj Kulshrestha Pro - Vice Chancellor Chhattisgarh Swamy Vivekanand Technical University, Bilai (CG)
10.	Dr Vivek Shrivastava Dean Research & Consultancy and Dean Student Welfare NIT Delhi
11.	Dr. J S Yadav Provost, Director and Trustee Indrashil University

Timelines

Start of Short Survey: 1st week March 2019

Cut-off of Short Survey: 30st June 2020

Start date of Full Survey: 1st Aug 2020

Cut-off Date for Full Survey: 15th Sept 2020

Receipt of Objective Scores from AICTE: 30th Sept 2020

First Jury Meeting: 15th Oct 2020

Second Jury Meeting: 16th Oct 2020

Finalisation of Report: 23 Oct 2020

Award Ceremony: December 2020

Previous Winners

S.No	Award Category	Category	Institute	Year
1.	Mechanical Engineering	Standard-Degree	PSG College of Technology	2012
2.	Overall Industry Linkages in Engineering	Standard-Degree	PSG College of Technology (First Prize)	2012
3.	Overall Industry Linkages in Engineering	Standard-Degree	College of Engineering Pune (Second Prize)	2012
4.	Overall Industry Linkages in Engineering	Standard-Degree	Bannari Amman Institute of Technology (Third Prize)	2012
5.	Faculty Award in Mechanical Engineering		Prof. Mohanram P. V. (PSG College of Technology, Coimbatore)	2012
6.	Computer & IT Engineering and Allied	Standard-Degree	Sona College of Technology	2013
7.	Electronics & Allied Engineering Institute	Standard-Degree	PSG College of Technology	2013
8.	Civil Engineering and Allied	Standard-Degree	Walchand Institute of Technology	2013
9.	Electrical Engineering and Allied	Standard-Degree	Kongu Engineering College	2013
10.	Chemical Engineering and Allied	Standard-Degree	Institute of Chemical Technology	2013
11.	Management Institute	Standard-Degree	XLRI Jamshedpur	2013
12.	Mechanical Engineering and Allied	Standard-Degree	College of Engineering Pune	2013
13.	Pharmacy	Standard-Degree	Bombay College of Pharmacy	2013
14.	Chemical & Allied Engineering Institute	Standard-Degree	Institute of Chemical Technology	2014
15.	Civil & Allied Engineering Institute	Standard-Degree	Walchand Institute of Technology	2014
16.	Civil & Allied Engineering Institute	Standard-Diploma	Thiagarajar Polytechnic College	2014
17.	Computer & Allied Engineering Institute	Standard-Degree	Vel Tech Multi Tech Dr. Rangarajan Dr. Sakunthala	2014
18.	Electrical & Allied Engineering Institute	Standard-Degree	Thiagarajar College of Engineering	2014
19.	Electrical & Allied Engineering Institute	Standard-Diploma	Thiagarajar Polytechnic College	2014

20.	Electronics & Allied Engineering Institute	Standard-Degree	Thiagarajar College of Engineering	2014
21.	Mechanical & Allied Engineering Institute	Standard-Degree	Walchand Institute of Technology	2014
22.	Mechanical & Allied Engineering Institute	Standard-Diploma	Parul Institute of Engineering & Technology (Diploma	2014
23.	Emerging Engineering Institute	Emerging-Degree	Sri Eshwar College of Engineering	2014
24.	Management Institute	Standard Management	International Management Institute	2014
25.	Pharmacy Institute	Standard-Degree	Bombay College of Pharmacy	2014
26.	Chemical & Allied Engineering Institute	Standard-Degree	D.K.T.E Society's textile & Engineering Institute	2015
27.	Civil & Allied Engineering Institute	Standard-Degree	Thiagarajar College of Engineering	2015
28.	Computer/IT & Allied Engineering Institute	Standard-Degree	Thiagarajar College of Engineering	2015
29.	Electrical & Allied Engineering Institute	Standard-Degree	Sona College of Technology	2015
30.	Electronics & Allied Engineering Institute	Standard-Degree	R.M.K. Engineering College	2015
31.	Mechanical & Allied Engineering Institute	Standard-Degree	Sri sai ram Engineering College	2015
32.	Chemical & Allied Engineering Institute	Standard-Diploma	Thiagarajar polytechnic College	2015
33.	Civil & Allied Engineering Institute	Standard-Diploma	Parul Institute of Engineering & Technology (Diploma	2015
34.	Computer/IT & Allied Engineering Institute	Standard-Diploma	Thiagarajar polytechnic College	2015
35.	Electrical & Allied Engineering Institute	Standard-Diploma	Thiagarajar polytechnic College	2015
36.	Electronics & Allied Engineering Institute	Standard-Diploma	Parul Polytechnic Institute	2015
37.	Mechanical & Allied Engineering Institute	Standard-Diploma	P.A.C Ramasamy Raja polytechnic College	2015
38.	Emerging Engineering Institute	Emerging-Degree	Vel Tech Multi Tech Dr. Rangarajan Dr. Sakunthala Engineering College	2015
39.	NIT / IIT / IIIT		National Institute of Technology Tiruchirappalli	2015
40.	Management Institute	Emerging Management	Prin. L.N. Welingkar Institute of Management	2015

			Development & Research	
41.	Pharmacy Institute	Standard-Degree	SVKM's Dr. Bhanuben Nanavati College of Pharmacy	2015
42.	Architecture/Planning Institute	Standard-Degree	Thiagarajar College of Engineering	2015
43.	Mentor Award in chemical Engineering	Mentor Award	Institute of Chemical Technology	2015
44.	Mentor Award in Engineering	Mentor Award	PSG College of Technology	2015
45.	Mentor Award in Engineering	Mentor Award	College of Engineering Pune	2015
46.	Mentor Award in Pharmacy	Mentor Award	Bombay College of Pharmacy	2015
47.	Electrical & Allied Engineering Institute	Standard-Degree	College of Engineering Pune	2016
48.	Electronics & Allied Engineering Institute	Standard-Degree	Dronacharya College of Engineering	2016
49.	Electronics & Allied Engineering Institute	Standard-Diploma	Thiagarajar Polytechnic College	2016
50.	Management Institute	Emerging Management	L.N. Welingkar Institute of Management Development & Research, Bangalore	2016
51.	Pharmacy Institute	Standard-Degree	Acharya & B M Reddy College of Pharmacy	2016
52.	Chemical Engineering and Allied	Standard-Degree	D.K.T.E. Society's Textile & Engineering Institute	2017
53.	Civil Engineering and Allied	Standard-Degree	Sona College of Technology	2017
54.	Computer & IT Engineering and Allied	Emerging	Dhirajlal Gandhi College of Technology	2017
55.	Civil Engineering and Allied	Standard-Degree	Walchand Institute of Technology	2017
56.	Electrical Engineering and Allied	Standard-Degree	KCG College of Technology	2017
57.	Mechanical Engineering and Allied	Standard-Degree	College of Engineering Pune	2017
58.	Pharmacy	Standard-Degree	SVKM's Dr. Bhanuben Nanavati College of Pharmacy	2017
59.	Chemical Engineering and Allied	Standard-Diploma	Thiagarajar Polytechnic College	2017
60.	Management Institute	Standard	New Delhi Institute of Management	2017
61.	Chemical Engineering and Allied	Standard-Degree	Sona College of Technology, Salem	2018

62.	Civil Engineering and Allied	Standard-Degree	Walchand Institute of Technology, Solapur	2018
63.	Computer & IT Engineering and Allied	Standard-Degree	R.M.K. Engineering College, Chennai	2018
64.	Electrical Engineering and Allied	Standard-Degree	Sri Sai Ram Engineering College, Chennai	2018
65.	Management	Standard-Degree	New Delhi Institute of Management, New Delhi	2018
66.	Mechanical Engineering and Allied	Standard-Diploma	Thiagarajar Polytechnic College, Salem	2018
67.	Mechanical Engineering and Allied	Standard-Degree	College of Engineering, Pune	2018
68.	Pharmacy	Standard-Degree	Vivekanand Education Society's College of Pharmacy, Mumbai	2018
69.	Mechanical Engineering and Allied	Standard-Degree	Sona College of Technology, Salem	2018
70.	Pharmacy	Standard-Degree	Bombay College of Pharmacy, Mumbai	2018

Cut-off Date for Full Survey: 11 August 2019

Receipt of Objective Scores from AICTE: 30 August

First Jury Meeting: September 2019

Second Jury Meeting: October 2019

Finalisation of Report: November 2019

Award Ceremony: December 2019