



Confederation of Indian Industry

AICTE – CII Survey of Industry-Linked Technical Institutes 2015

Type of Institutes

The fourth edition of the survey is open to all degree and diploma granting institutes in Engineering, Management, Pharmacy and Architecture. Following types of institutes can participate in it:

- Self-financing Institutes (including deemed universities)
- Government Institutes (including university departments)
- Government-aided Institutes
- Centrally-funded Institutes (IITs, NITs, IISERs etc.)

Type of Courses

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

Management: Degree and Diploma courses in Management

Pharmacy: Degree and Diploma courses in Pharmacy

Architecture: Degree courses in Architecture and Planning

Categories of Participation

Standard: The course should have been in offering for at least 10 years as on 1st August 2015

Emerging: The course should have been in offering for at least 5 years as on 1st August 2015

NOTE: Age criteria is applicable to every course separately. It will not be calculated as per the age of the institute.

How to Participate

The AICTE-CII Survey is an online survey which is hosted on the server of AICTE at www.aicte-india.org. To participate in this survey, institutes have to use their AICTE login ID to enter the AICTE Web-portal and thereby, have access to the CII Questionnaire tab. The CII Questionnaire tab is itself the online application form. For ease of filling the data, institutes will soon be provided the facility of exporting data from their hard drives to the AICTE server. At present this facility is available only for the Placement button. By the end of January 2015, this facility will be available to institutes for all buttons.

A detailed help manual is available separately on the AICTE portal to provide step-by-step assistance. This Help Manual can be downloaded for easy understanding and reference. It is advised that institutes first download the Help Manual and collect all the data related to all streams. Links to this survey and other details are also available on CII portal www.cii-uic.in. Those institutes which do not have an AICTE login ID can generate an ID on the AICTE website.

Outreach

The AICTE-CII Survey is a voluntary survey. The survey link (CII Questionnaire) on the AICTE web-portal went live on 1st Jan 2015. The eligible institutes are informed through a national advertisement, mailers and SMS alerts.

Methodology

Since this is an online survey, institutes have to fill all the data while being logged on to the net. From 1st Feb 2015, institutes will also be able to use the import functionality to upload data for most of the parameters. For Curriculum Input, Faculty, Services / Projects & Skills Development & Placements, two year data (2013-14 & 2014-15) needs to be provided, whereas for Governance & Infrastructure only one year (2014-15) data is sufficient.

To facilitate ease of filling the data, it is advisable that institutes first download the Help Manual and collect all the data related to all streams. Only one application form is required to be filled by one institute for all streams.

At the end of the survey, the application generates an indicative objective score which is used only as a reference point to create a shortlist of institutes for second stage of evaluation. The indicative objective scores obtained are placed before a high-level jury comprising experts from industry and academia. The jury gives a shortlist of institutes for document scrutiny & site visits. The shortlisted institutes are asked to send all the documents in support of their data. The visiting jury gives its own separate score to every institute based on the ground assessment of facilities and data. This last score is used to prepare the list of final winners. The results of the survey are binding on all institutes.

All cases of arbitration will be referred to the chairman of the jury and his word will be final in any matter of dispute.

Parameters

The institutes are evaluated on their industry linkages on the following six parameters in every stream separately:

- Governance
- Curriculum

- Faculty
- Infrastructure
- Services / Projects & Skills Development
- Placements

The weightages given to these parameters are as follows:

<u>Parameter</u>	<u>Degree Courses - Weightage</u>	<u>Degree Courses - Maximum Score</u>	<u>Diploma Courses - Weightage</u>	<u>Diploma Courses - Maximum Score</u>
Governance	10%	7	5%	7
Curriculum	20%	17	25%	20
Faculty	20%	29	20%	28
Infrastructure	10%	10	10%	10
Services / Projects & Skill Development	20%	18	20%	17
Placements	20%	19	20	18
Total	100%	100	100%	100

The absolute score is divided by the maximum score and multiplied by weightage to obtain the weighted score for every parameter. The sum of weighted scores across the six parameters is the objective score of the institute for a particular stream.

These parameters are further categorized into sub-parameters:-

INSTITUTES OFFERING DEGREE PROGRAMMES		
Parameters	Structured Questions	
1. Faculty	<ul style="list-style-type: none"> • 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 	
2. Placements	<ul style="list-style-type: none"> • 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 	

3.	Curriculum	<ul style="list-style-type: none"> • 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
4.	Research / Consultation	<ul style="list-style-type: none"> • 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
5.	Infrastructure	<ul style="list-style-type: none"> • 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
6.	Governance	<ul style="list-style-type: none"> • 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
1. Faculty	<ul style="list-style-type: none"> • 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
2. Placements	<ul style="list-style-type: none"> • 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
3. Curriculum	<ul style="list-style-type: none"> • 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
4. Projects & Skills Development	<ul style="list-style-type: none"> • 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
5. Infrastructure	<ul style="list-style-type: none"> • 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
6. Governance	<ul style="list-style-type: none"> • 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

Outcome

1. At the end of the survey, awards and citations will be given in the following categories for:
 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 Chemical & Allied Engineering Institute (Diploma)
 8. Best Industry-Linked Civil & Allied Engineering Institute (Diploma)
 9. Best Industry-Linked Computer / IT & Allied Engineering Institute (Diploma)
 10. Best Industry-Linked Electrical & Allied Engineering Institute (Diploma)
 11. Best Industry-Linked Electronics & Allied Engineering Institute (Diploma)
 12. Best Industry-Linked Mechanical & Allied Engineering Institute (Diploma)
 13. Best Industry-Linked Emerging Engineering Institute (Degree)
 14. Best Industry-Linked Emerging Engineering Institute (Diploma)
 15. Best Industry-Linked NIT / IIT / IIIT
 16. Best Industry-Linked IIM
 17. Best Industry-Linked Management Institute
 18. Best Industry-Linked Emerging Management Institute
 19. Best Industry-Linked Pharmacy Institute (Degree)
 20. Best Industry-Linked Pharmacy Institute (Diploma)
 21. Best Industry-Linked Emerging Pharmacy Institute (Degree)
 22. Best Industry-Linked Emerging Pharmacy Institute (Diploma)
 23. Best Industry-Linked Architecture / Planning Institute
 24. Best Industry-Linked Emerging Architecture / Planning Institute