



## **AICTE-ECI-ISTE Chhatra Vishwakarma Awards**

### **Guidelines**

**CALL FOR NOMINATIONS | LAST DATE FOR ENTRIES | 10<sup>th</sup> August, 2018.**

All India Council for Technical Education (AICTE), Ministry of Human Resource Development, Govt. of India, Engineering Council of India (ECI), and the Indian Society for Technical Education (ISTE), are jointly holding a competition “**AICTE-ECI-ISTE Chhatra Vishwakarma Awards-2018**” for the students of AICTE approved Degree & Diploma level Technical institutions.

**All India Council for Technical Education (AICTE)** is a statutory body established by an Act of Parliament with a view to 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 and for matters connected therewith.

**Engineering Council of India (ECI)** is registered as a Not-for-profit Society under the Societies Registration Act, 1860 and is the prime institution to standardize and harmonize, in various major engineering disciplines, professional practices in India and competency standards of practicing professionals with their counterparts in other member countries of WTO. Its members include all major Councils & Bodies of each stream of Engineering.

**The Indian Society for Technical Education (ISTE)** is the leading National Professional non-profit making Society for the Technical Education System in our country with the motto of Career Development of Teachers and Personality Development of Students and overall development of our Technical Education System.

The Awards are aimed for motivating young individuals, inspiring leaders and institutions/ organizations to raise their performance in their specific domains leading to significant contribution towards the growth and development of the nation.

The Chhatra Vishwakarma Awards are inspired by the spirit of engineering and creation patronized by Lord Vishwakarma, the ruling deity of construction practices in India.

AICTE in association with Engineering Council of India (ECI) organized 1st Chhatra Vishwakarma Awards 2017” for the students of AICTE approved Degree & Diploma level Technical Institutions/Universities. **16 Teams** and **03 Institutes** were awarded in various categories at the event organized on **19th September 2017, at AICTE HQs.**

**Dr. Satyapal Singh**, Hon’ble MoS- Human Resource Development was the Chief Guest at the event and presented the Awards to the winners.

At the ‘AICTE-ECI-ISTE Chhatra Vishwakarma Awards 2018’, the innovations and achievements of individuals and institutions/ organizations shall be recognized and applauded. These awards are an embodiment of encouraging truly successful efforts that

have made a mark on the industry or the society in terms of delivering better outputs & processes and creating higher benchmarks for the industry / society to help in nation building.

### **Theme of the Award:**

The Problem Statement for the AICTE-ECI Chhatra Vishwakarma Awards 2018 is ***“Empowerment of Villages through Technologies”***

In the era of internet technology and 4<sup>th</sup> Industrial revolution that is ready to take-off at all spheres of development, India’s development lies in its villages and rural areas where every development challenges are seen to be a big market opportunity. These opportunities need to be unleashed and addressed innovatively by our young engineering minds using various technological options. Among many thrust areas of rural development viz; Water & Irrigation, Sanitation & Solid Liquid Waste Management, Rural Infrastructure, Tourism, Agriculture & Food, Education, Skill Initiative & Start-ups, Rural Craft & Livelihood generation technologies are the areas seems to be instrumental and need technological interventions to improve the quality of life and per-capita income of village, contributing to the national growth.

### **Objectives of the Awards:**

To recognize and honour innovative work of the students displaying exceptional skills by providing the innovative solution on the given theme.

Applications will be short listed based on their conformity to the guidelines and information furnished by nominees for specific categories. The recipients will be finalised based on the Recommendation and NOC forwarded by the institute and scrutiny of the applications by the jury & practical demonstrations by the contestants.

Awards will be given in following **categories** for Degree and Diploma Students (including students from AICTE approved Community College):

- Category-I : Outstanding Innovative Team Award (Degree and Diploma)**
- Category-II : Outstanding Teacher Award for mentoring Students Project**

**The Problem:** The participants need to provide and innovative solution to following problem:

### ***“Empowerment of Villages through Technologies”***

For the holistic development of villages under the above theme, the following 8 **sub-themes** have been shortlisted: -

1. Water & Irrigation
2. Sanitation & Solid Liquid Waste Management
3. Rural Infrastructure
4. Tourism
5. Agriculture & Food
6. Education, Skill Initiative & Startups
7. Rural Craft & Livelihood
8. Any other Rural Appropriate Technologies.

Students can also refer to the AICTE initiative of “Developed Village –Developed Nation” under the Saansad Aadarsh Gram Yojana (SAGY) Program to get an idea of their project. The detail of this initiative is available at [www.aicte-india.org/initiative/sansad-adarsh-gram-yojna](http://www.aicte-india.org/initiative/sansad-adarsh-gram-yojna).

## Who Can Apply?

The Awards cover the students of AICTE approved Degree and Diploma Technical Institutions and Polytechnics. It also includes students from AICTE approved Community Colleges.

***Nominations/Applications from all girl's teams are especially encouraged....!***

## Important Instructions for submitting the nominations:

1. Students/ Team can submit online application at <https://www.aicte-india.org> latest by 10<sup>th</sup> August, 2018.
2. A maximum of **five teams** per college/ institute can participate.
3. In order to promote Inter-disciplinary representation, members from different branches of the same college/ institute can form a team.
4. A team can be comprising of Diploma and Degree students of same institute.
5. A team can be consist of not more than four students and one faculty as a mentor. In case, a student wants to submit his application as a single applicant, he/she is permitted, but mentor is compulsory.
6. All Girls team will get extra points.
7. The applicant must attach "Detail Project Summary" along with the "No Objection Certificate" from the Principal of their Institute on Institute Letter Head. **(Annexure I & II).**  
***Note: Team application will not be considered if it is not forwarded by the Head of the Institution.***
8. One team can submit ONLY One Idea or proposal.

## Categories for Award:

Applications will be considered for Awards in following Categories: -

### **Category I - Outstanding Innovative Team Award**

- i) Students from any of the AICTE approved streams or its aligned streams of Engineering & Technology (Level: Degree and Diploma)
- ii) Students of UG Engineering, Diploma Engineering Programs and Vocational Diploma programme of Community College are eligible to apply.
- iii) A college/ Institute may nominate maximum **Five Teams** (not more than 4 students and 01 mentor in each team).
- iv) A team can be a mix of Diploma and Degree students.
- v) Each team will have to present an innovative solution of the given problem which should be completed at the time of exhibiting the prototype.

### **Category-II: Outstanding Teachers Awards**

- i) Mentor/ Teacher-In-charge whose students have been nominated for receiving the Category-I award shall be eligible for the consideration of this award.
- ii) Mentor who have provided support and guidance to their students' team for providing innovative solution to the problem statement.
- iii) Teacher should also have contributed significantly in SAGY/ Unnat Bharat/ Swachh Bharat Abhiyaan.

## **How to Apply?**

All nominations must submit the online application on the link available on AICTE website: <http://www.aicte-india.org>.  
Other relevant information will be available on the website.

## **Selection Criteria:**

- i. The application will only be considered based on the Recommendation and NOC forwarded by the institute.
- ii. Applications will be short listed based on their conformity to the guidelines and information furnished by nominees for specific categories.
- iii. Evaluation criteria includes novelty of the idea, complexity, clarity and details in the prescribed format, feasibility, practicability, sustainability, scale of impact, user experience and potential for future work progression.

Entries having innovative idea will be invited to showcase their prototype in the Regional Conventions organized by AICTE, ECI and ISTE. Top five entries of each sub-theme at the regional level will be invited for National Exhibition at Delhi.

## **Jury:**

A Jury consisting of eminent educationists/ professors/ researchers and representatives of planning bodies, policy formulators and nodal organizations of the sector will be constituted by AICTE-ECI-ISTE to select the Award Winners and any recipient of a 'Citation'.

## **Recognition:**

- i) All shortlisted applicants at the 1<sup>st</sup> level will be called for State/ Regional level Competition to display their prototype.
- ii) The top 5 applicants from each sub-theme at the Regional Conventions will be eligible for the next round of evaluation and will be called for National Exhibition at Delhi.
- iii) All winners will receive awards and a Scroll of honour in November, 2018 at AICTE HQs., New Delhi.
- iv) Winners of Awards and recipients of Awards will be recognized across all ECI, ISTE and Associate Organization Publications & Websites.
- v) All participants will be given participation certificates.

**This is a First Information Booklet. Guidelines subject to change at the discretion of the Jury.**

For further details, please visit <http://www.aicte-india.org> OR [www.ecindia.org](http://www.ecindia.org) or speak to us.

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All nominations must be submitted online on the link available on AICTE website: <http://www.aicte-india.org>

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Website: <http://www.aicte-india.org> ; <http://www.ecindia.org>**

AICTE-ECI-ISTE Chhatra Vishwakarma Awards

**“Empowerment of Villages through Technologies “**

**PROJECT SUMMARY**

**Submit your Innovation Proposal plan in maximum of 5 pages including chart and graphs. (Times New Roman, font size 12, single space).**

**Project Name:**

**Team Name:**

**Team Lead & Members:**

**Mentors name:**

**Institute Name & Address:**

**Sub-Theme:**

**A. Title of the Innovation Proposal:**

**B. Project Description:**

• Explain about the Problem/Development Challenge/ Market Need/ Opportunity identified and how big the problem is. ( maximum 200 words)
• Explain about Innovation of Solution that you are proposing and want to develop to address the Problem/ Development Challenge/ Market Need/ Opportunity Identified (maximum 200 words)
• Explain the technology and Intellectual property right component involved in your proposed innovative solutions in the process of developing the technology prototype. (maximum 200 words)
• Explain about target beneficiary group and size of market for your innovation and quantify kind of immediate benefit (Output), long term benefit ( Outcome and impact it will create once will be adopted by them ( maximum 200 words)
• Highlight the delivery model on how you will implement or take the innovation to market or target beneficiary. (200 words)
<b>Team Capability &amp; Competency ( maximum 100 words)</b> (Role of each members)

**C. Conclusion ( 50 words)**

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**Signature:**

**(Team Leader)**

**(Team Member 01)**

**(Team Member 01)**

**(Team Member 01)**

**Declaration: I hereby declare that all the above information furnished herein by the team is true to the best of my knowledge. I understand and accept that our application for the contest may be cancelled in case the above declaration is found to be false.**

**(Name & Signature of Mentor)**

**Date:**

**Place:**

Date:

**No Objection Certificate**

This is to certify that the \_\_\_\_\_ (Team Name) is a team of the students of \_\_\_\_\_ (*Name of the Institute*). The Team wishes to apply for the AICTE-ECI-ISTE Chhatra Vishwakarma Awards 2018.

Team Details:

1. \_\_\_\_\_ (Team Lead)
2. \_\_\_\_\_ (Team Member)
3. \_\_\_\_\_ (Team Member)
4. \_\_\_\_\_ (Team Member)

Team Mentor: \_\_\_\_\_

The Institute has no objection in their participating in the AICTE-ECI-ISTE Chhatra Vishwakarma Awards 2018 and have submitted their online application on \_\_\_\_\_.

It is hereby declared that the idea being submitted by the Team is their original work and has not been submitted anywhere else for the award of any Associateship, Fellowship or other similar title or recognition.

With best regards,

Signature: \_\_\_\_\_

Name: \_\_\_\_\_

(Head of Institute/Head of Department)

Seal with date

Name of the Institution: \_\_\_\_\_