1st AICTE-ECICHHATRA VISHWAKARMA AWARDS 2017
To be given away on the Vishwakarma Day, 17th Sept., 2017, NEW DELHI

CALL FOR NOMINATIONS | LAST DATE FOR ENTRIES | 25th August, 2017

GIRLS / WOMEN ARE ENCOURAGED TO APPLY!

Guidelines

The AICTE-ECI Chhatra Vishwakarma Awards

All India Council for Technical Education (AICTE), Ministry of Human Resource Development, Govt. of India &Engineering Council of India (ECI), the apex Engineering Body of India are jointly holding a competition "**AICTE-ECI Chhatra Vishwakarma Awards**" 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.

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

At the 'AICTE-ECI Chhatra Vishwakarma Awards', 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.

The 'AICTE-ECI Chhatra Vishwakarma Awards' are an epitome for motivating individuals and institutions/ organizations to raise their performance in their specific domains leading to significant contribution towards the growth & development of the nation.

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

Objectives of the Awards:

To recognize and honour innovative work of the students displaying exceptional skills in different Engineering streams.

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

1. **Category-I:** Outstanding Student Engineers (3 Awards each in Civil, Electrical, Mechanical, Electronics Engineering, Computer Science and Biotechnology streams or their allied branches)**(Ref. Annexure-A for allied Branches).**

2. **Category-II**: Outstanding Teachers Awards (3 Awards each in Civil, Electrical, Mechanical, Electronics Engineering, Computer Science and Biotechnology streams or their allied branches).

3. **Category-III:** Outstanding Institutions Awards (3 Awards) based on the maximum number of awards won from the above two categories and other criteria.

The Problem: The contestant's needs to provide and innovative solution to following problem:

"To convert existing institutes into smart institute using innovative approaches"

A smart Campus may have following facilities –
Automated academic and accounting processes; Smart grid for energy conservation;process for waste and water management; innovative class rooms/smart teaching pedagogy; Building Management System; use of ICT for information to stakeholders; provision for access of facilities for differently abled persons; smart transportation system; Safety and security system or any other technological intervention for the benefit of stakeholders.

Who Can Apply?

The Awards cover the AICTE approved Technical Institutions and students of AICTE approved Technical Institutions.

Nominations/Applications from girls / women are especially encouraged!

Important Instructions for submitting the nominations:

1. Award Applications/Nominations should be sent to **Director (SDC), AICTE** on mail at - sdc.aicte@gmail.com latest by 25th August, 2017. The application should not exceed 300 words and must contain abstract of the project/ solution along with personal & institutional detail. The application must also contain following **TWO Lists** –
   i. List of machinery, components, measuring instruments etc. needs to be provided at the venue of competition
   ii. List of machinery, components, measuring instruments etc. which will be carried by the team.

2. Nominations should only be sent where nominator is fully aware of the work and achievements of the nominee. Scanned copy of a certificate, in this regard from the Nominator/Mentor/Teacher-in charge on college letter head must be attached with the mail.

Objectives & Eligibility Requirements:

Consideration for each award will be accorded based on the following criteria:

Category I - Outstanding Student Engineers

i) Students from following stream or its aligned streams (As per annexure A)-
Civil/ Electrical/ Mechanical/ Electronics/Computer Engineering/Bio Technology and other aligned streams.
ii) Students of UG Engineering, Diploma Engineering Programs and Vocational Diploma programme of Community College are eligible to apply.
iii) The entrant college /University may nominate maximum three Teams (not more than 4 students in each team) of their students in a given streams of engineering.
iv) Each team will have to present an innovative solution of given problem at a given Institution/ University (where the competitions shall be held), which should be completed within six hours. All machinery, components, measuring instruments, etc. shall be made available on the selected site, if requested with a duly specified list, or else the teams may carry, if they so deem fit, their own ingredients of the solution.

Category-II: Outstanding Teachers Awards

i) Mentor/ Teacher-In-charge whose students have been adjudged worthy of receiving the Category-I award shall be eligible for the consideration of award.
ii) Other criteria shall include achievements of the mentor:
   a. Number of UG/Diploma projects guided on similar area during the last three years, List of ideas to be included.
   b. Number of UG/ Diploma projects guided to solve problem of society during the last three years, List of ideas to be included.
   c. Number of research publications during last three years
   d. Student Feedback Index
   e. Detail of achievement/award by students guided by the Teacher
   f. Number of Awards/Patents (if any)

Category-III: Outstanding Institutions Awards

i) Institutions / Universities whose students & faculty have been adjudged worthy of receiving the Category-I & Category-II awards respectively shall be eligible for the consideration of award.
ii) Other criteria shall include achievements of Institute / University:
   a) Year of establishment of the Institute
   b) Number of Engineering/Diploma Branches and number of branches/departments accredited by NBA
   c) Is the Department/ Institute / Univ. accredited by NAAC? Details of such accreditation
   d) NIRF Rank of Institute?
   e) Major achievements of the Institute/ Univ. during the last three years in area of innovation and skill development amongst the students.
   f) List of projects completed by the institute for social upliftment

Nominations must have the following information included to be considered for awards:

1. Nomination
   a) Name of Nominee:
   b) Name of Mentor/Teacher In-charge:
   c) Name of Institute:

2. Contact details (including postal address with pin code, phone, fax, email and mobile nos.
   a) Nominee:
   b) Mentor/ Teacher In-charge:
   c) Institution:

3. Award Stream: Mechanical /Electrical/ Civil/ Electronics/Computer/Biotechnology
4. Award Type: Degree Institute/Diploma Institute
5. ECI National Register Enrolment Number (If any)

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 to select the Award Winners and any recipient of a 'Citation'.

Recognition:

i. All winners will receive awards and a Scroll of honour on **17th Sept, 2017 (Sunday)** on Vishwakarma Jayanti at AICTE HQrs, New Delhi.

ii. Winners of Awards and recipients of Citations will be recognized across all ECI and Associate Organization Publications & Websites.

iii. 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 visithttp://www.aicte-india.org OR www.ecindia.org or speak to us.

Ms. Rita Arora | +91 11 26131573 or Mr. Sunil Mahajan | +919711106001,011-26482299, 26234770, 41617971.

All nominations must be submitted to All India Council for Technical Education for consideration at the address given below:

Director (SDC),
All India Council for Technical Education,
Nelson Mandela Marg,
Vasant Kunj, New Delhi - 110067
Email:sdc.aicte@gmail.com
Website:http://www.aicte-india.org ; http://www.ecindia.org

Annexure –A

Major Branch	Corresponding Course(s)	Aligned Branch
Civil Engineering	Civil Engineering	Building and Construction Technology
		Civil and Rural Engineering
		Civil Engineering
		Civil Engineering and Planning
		Civil Engineering (Construction Technology)
		Civil and Infrastructure Engineering
		Civil Technology
		Construction Engineering
		Construction Engineering and Management
		Construction Technology
		Construction Technology and Management
		Geo Informatics
	Environment Engineering	Civil and Environmental Engineering
		Civil Engineering (Environmental Engineering)
		Civil Engineering Environment and Pollution Control
		Environment Engineering
		Environmental Engineering
		Environmental Science and Engineering
		Environmental Science and Technology
		Civil Engineering (Environmental Engineering)
		Civil Engineering (Public Health Engineering)
		Environmental Planning
	Water Resources	Civil and Water Management Engineering
Electrical Engineering	Electrical Engineering	Electrical and Computer Engineering
		Electrical and Electronics (Power System)
		Electrical and Electronics Engineering
		Electrical and Electronics Engineering (Sandwich)
		Electrical and Instrumentation Engineering
		Electrical and Mechanical Engineering
		Electrical and Power Engineering
		Electrical Engineering
		Electrical Engineering (Electronics and Power)
		Electrical Engineering Industrial Control
		Electrical Instrumentation and Control Engineering
		Electrical, Electronics and Power
		Electronics and Computer Science
		Electronics and Electrical Engineering
		Electronics and Power Engineering
Mechanical Engineering	Mechanical Engineering	Electrical and Mechanical Engineering
		Mechanical Engineering (Industry Integrated)
		Mechanical Engineering (Sandwich Pattern)
		Mechanical Engineering
		Mechanical Engineering(Repair and Maintenance)
		Power Engineering
	Production Engineering	Industrial and Production Engineering
		Machine Engineering
		Manufacturing Engineering
		Manufacturing Engineering and Automation
		Manufacturing Engineering and Technology
		Manufacturing Process and Automation Engineering
		Manufacturing Science and Engineering
		Manufacturing Technology
		Mechanical Engineering (Prod)
		Precision Manufacturing
		Production and Industrial Engineering

		Production Engineering
		Production Engineering (Sandwich)
		Tool Engineering
	Automobile Engineering	Automobile Engineering
		Automobile Maintenance Engineering
		Automotive Technology
		Mechanical Engineering (Auto)
		Mechanical Engineering Automobile
	Industrial Engineering	Industrial and Production Engineering
		Industrial Engineering
		Industrial Engineering and Management
	Mechatronics Engineering	Mechanical and Automation Engineering
		Mechatronics
		Mechatronics Engineering
		Mechatronics Engineering(Sandwich)
Electronics Engineering	Electronics Engineering	Digital Techniques for Design and Planning
		Electrical and Electronics Engineering
		Electrical and Electronics Engineering (Sandwich)
		Electrical, Electronics and Power
		Electronic Engineering
		Electronic Science and Engineering
		Electronics
		Electronics and Computer Science
		Electronics and Computer Engineering
		Electronics and Control Systems
		Electronics and Electrical Engineering
		Electronics and Power Engineering
		Electronics Design Technology
		Electronics Engineering
		Electronics System Engineering
		Electronics Technology
		Optics and Optoelectronics
		Power Electronics
		Power Electronics Engineering
		Radio Physics and Electronics
	Electronics and Communication Engineering	Advanced Communication and Information System
		Advanced Electronics and Communication Engineering
		Applied Electronics and Communications
		Communication Engineering
		Electronics and Communication Engineering
		Electronics & Communication Engineering (Industry Integrated)
		Electronics and Telecommunication Engineering
		Electronics & Telecommunication Engineering
		Electronics and Communication Engineering (Microwaves)
		Electronics and Communication Engineering (Sandwich)
		Electronics Communication and Instrumentation Engineering
		Electronics and Telematics Engineering
		Telecommunication Engineering
	Instrumentation Engineering	Applied Electronics and Instrumentation Engineering
		Automation and Robotics
		Automation Engineering
		Biomedical Instrumentation
		Electrical Engineering Industrial Control
		Electrical Instrumentation and Control Engineering
		Electronic Instrumentation and Control Engineering
		Electronics and Instrumentation Engineering
		Applied Electronics and Instrumentation Engineering
		Electronics and Instrumentation Engineering
		Electronics Instrumentation and Control Engineering
		Power Electronics and Instrumentation Engineering

		Electronics and Control Systems
		Electronics Communication and Instrumentation Engineering
		Electronics Instrumentation and Control Engineering
		Instrument Technology
		Instrumentation
		Instrumentation and Control Engineering
		Instrumentation and Electronics
		Instrumentation Engineering
		Instrumentation Technology
		Power Electronics and Instrumentation Engineering
		Robotics and Automation
	Mechatronics Engineering	Mechatronics
		Mechatronics Engineering
		Mechatronics Engineering (Sandwich)
	Medical Electronics	Medical Electronics Engineering
		Medical Electronics
		Medical Lab Technology
		Electronics and Biomedical Engineering
Computer Science	Computer Science and Engineering	3-D Animation and Graphics
		Advanced Computer Application
		Computer and Communication Engineering
		Computer Engineering
		Computer Engineering and Application
		Computer Networking
		Computer Science and Engineering
		Computer Science
		Computer Science and Technology
		Computer Science and Information Technology
		Computer Science and Systems Engineering
		Computer Technology
		Computing in Computing
		Computing in Multimedia
		Computing in Software
		Electrical and Computer Engineering
		Electronics and Computer Science
		Electronics and Computer Engineering
		Mathematics and Computing
		Software Engineering
	Information Technology	Information and Communication Technology
		Information Engineering
		Information Science and Engineering
		Information Science and Technology
		Information Technology
		Information Technology and Engineering
Biotechnology	Biotechnology	Biotechnology
		Biotechnology and Biochemical Engineering
		Industrial Biotechnology