



AICTE Chhatra Vishwakarma Awards-2020

The **AICTE Vishwakarma Awards 2020** is being organized by All India Council for Technical Education (AICTE) on India's Economic Recovery Post Covid; Reverse Migration and Rehabilitation Plan to support “**Atmanirbhar Bharat**”. By means of this competition, the innovations and achievements of individuals and institutions/ organizations shall be recognized and applauded.

The **Vishwakarma Awards** are inspired by the spirit of engineering and creation patronized by Lord Vishwakarma, the ruling deity of construction practices in India. As per Rigveda, **Lord Vishwakarma** is considered to be deity who is the original creator, architect and divine engineer of the universe. The Awards are thus a means to provide a platform for our stake holders to look at the societal challenges, with an aim to provide **an innovative and low cost solutions**. However, it is not merely a competition- it will also encourage the students to focus on hands on skills and also to foster Convergence and Collaboration so as to bring about sustainable solution to problems.

The Chhatra Vishwakarma Awards, 2020 is proposed on the Theme of **India's Economic Recovery Post Covid; Reverse Migration and Rehabilitation Plan to support Atmanirbhar Bharat**”

All students are encouraged to develop app based/ AI/ Robotics/ IT based solutions for the following:

1. Reskilling or up skilling for ensuring livelihood

Key Areas –

- a. Skill mapping for promoting indigenous traditional skills and crafts
- b. Increasing the efficacy and efficiency of skill development missions

2. Promote micro, small and medium enterprises to achieve the mission of Atmanirbhar Bharat.

Key Areas :-

- a. Innovative technology applications for better value realization
- b. Innovation in traditional foods for global markets
- c. Disposal/recycling/ management of Covid-19 related PPE (kits, face shields, masks, disinfectants packing materials etc.)

3. Promote value added agricultural Processes, Products and Handicrafts.

Key Areas-

- a. Link products of traditional and rural artists to the global buyers
- b. Making Agriculture attractive for Rural Youth by the way of making use of Technology.
- c. Utilization / Value Addition in farm waste or by-products into value added products for urban markets
- d. Agro produce based value added projects for promoting rural entrepreneurship

4. Mental Health and psychosocial support- Any app.

5. Gender-Responsive mechanism to combat Domestic violence

Key Areas-

- a. Domestic violence including Women Safety and Security

6. Barriers in accessing adequate health care services

Key Areas-

- a. Making on-line medical consultation and Tele-medicine happen for the benefit of the masses
- b. Accessible healthcare for all.

7. Working conditions; ensuring occupational health and safety issues

Key Areas-

- a. Covid-19 free modes of public transport
- b. Covid-19 free event management
- c. Safety and security of frontline Covid-19 warriors
- d. Restructuring/Reorganizing class rooms and laboratories in schools, colleges, education and training institutions, coaching institutes, and universities
- e. Designing and popularizing `Work From Home Office Module

8. And any other necessary support etc.

Key Areas

- a. Infrastructure connecting urban and rural masses. (increasing the bandwidth and connecting rural areas with technology)
- b. Green entrepreneurship
- c. Health Informatics. (Awareness about Health Human/Animal/Plant)
- d. Popularizing the new normal.

85 Teams have been shortlisted from entries from the whole nation. From the 85 teams after 4 rounds of evaluation and presentations **24 teams have been shortlisted to exhibit in AICTE, New Delhi on 5th September 2021.**

Our Team Intelli-Sense has participated in the 8th category “ other necessary support “ for presenting an innovative solution of “ **Vision- The AI Powered Visual Assistant for Blind**” and has been awarded with **First Prize.**

The team consists of

1. Dr Velmathi G (Faculty Mentor)
2. Venkat Ragavan S 18BCE1132
3. Vishwath Kumar BS 18BEC1289
4. Yogeshwar S 18BEC1343
5. Tarun AH 18BCE1213

We had received the **first prize** award **from Hon’ble Minister of Education Shri Dharmendra Pradhan** in an Exhibition and Award Distribution Ceremony of **Chhatra Vishwakarma Awards 2020**

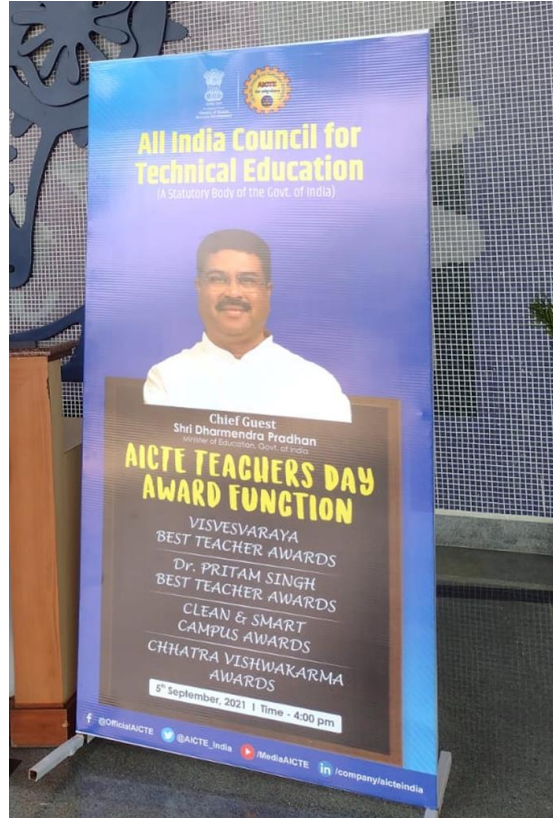
Conducted in the below venue on 5th September (Teacher’s day), 2021 .

Venue: The Auditorium,
All India Council for Technical Education (AICTE)
Nelson Mandela Marg HQs, Vasant Kunj,

New Delhi- 110070.

Date & Time: 5th September ,2021 at 4:00 P.M.

The link for the award function : <https://youtu.be/FliTbyhQLgo>



Category 8-
AND ANY OTHER NECESSARY SUPPORT

Winner
Team Name:-INTELLI-SENSE
VELLORE INSTITUTE OF TECHNOLOGY CHENNAI OFF
CAMPUS, TAMIL NADU

TEAM MEMBERS:

VELMATHI G
VENKAT RAGAVAN S
YOGEEESHWAR S
TARUN A H
VISHWATH KUMAR B S



उत्कृष्टता प्रमाण पत्र
अभ्यासिप राष्ट्र स्तरीय
छात्र विद्यार्थी पुरस्कार 2020
केन्द्र: रामनगर, वल्लूर

टीम - वेल्लूर-ऑफ, वल्लूर इंस्टीट्यूट ऑफ टेक्नोलॉजी चेन्नई ऑफिस, तमिलनाडु

को "अभ्यासिप भारत अधिनियम में सम्मेलन हुए अतिरिक्त प्रस्तावों के पक्ष में भारतीय अनुसंधान में प्रमुख प्रतिष्ठानों द्वारा प्रस्तुत किए गए प्रस्तावों को" विषय में शीर्षक "अभ्यासिप भारत अधिनियम" के तहत "उत्कृष्टता प्रमाण पत्र" प्रदान किया गया है।

Certificate of Excellence
AICTE National Level
Chhatra Vishwakarma Awards 2020

VENKAT RAGAVAN S.
Team Intelli-Sense, Vellore Institute of Technology Chennai Off-
Campus, Tamil Nadu

Is hereby awarded with **First Prize** in the category "Other Necessary Support" for presenting a prototype/innovative solution of "Vision - The AI Powered Visual Assistant for Blind" under the theme "India's Economic Recovery Post Covid; Reverse Migration and Rehabilitation Plan to support "Atmanirbhar Bharat".

ANIL D. RAJAGOPALAN
M. P. POONIA
RAJIVE KUMAR



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VELLORE INSTITUTE OF TECHNOLOGY
CHENNAI OFF CAMPUS

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INTELLI SENSE
VIT-CHENNAI

A poster for the ACITE award. The text on the poster includes:
ACITE
Chakra Vidyalayama
Awards-2020
Sponsored by:
AND-AN-OTHER-RELEVANT-SUPPORT
VELLORE INSTITUTE OF
TECHNOLOGY CHENNAI OFF CAMPUS
Date: 2020-11-01
The poster also features a circular logo and a photograph of a person.



I sincerely thank our management and our Pro-VC mam for the encouragement and support given throughout the journey from December 2020 to till date towards this award. We feel grateful.

Some wonderful moments:

I sincerely fully thank our Respected Vice president sir, and AVP madam for the air travel sponsor which made the boys more joyful and grateful. I had noticed them saying this to the neighbor stall students who travelled by train for 40 hours “ Our university has sent us by flight”. It was a nice feel to see them say proudly.

The Educational Minister stayed longest time in our project stall and got impressed by our demonstration. He asked his assistant to contact our team later to implement this project fully for the nation. It was a happiest moment for us.