

India Innovation Challenge Design Contest (IICDC) 2018

The India Innovation Challenge Design Contest (IICDC) has established itself as one of India's premier platforms for students with revolutionary ideas who have engineered practical solutions to social issues. Its aim is to foster the development of a new breed of enterprising student innovators, thinkers and makers of the country who have a dream to create something new, aspire to make a difference, contribute to India's success towards becoming an Innovation Hub.

Organized by Texas Instruments in collaboration with Department of Science and Technology (DST) and anchored by NSRCEL, Indian Institute of Management, Bangalore (IIMB) and supported by MyGov, IICDC is an attempt at creating a more vibrant India through the power of innovation while developing a new generation of student entrepreneurs. It is a unique platform that not only focuses on engineering skills but also places equal weightage on practical business solutions. The **2018 edition of IICDC saw 26,511 students from 1,760 colleges** submitting 10,146 ideas.



Figure 9: From Left to Right, Manish Mishra, Yash Dehiya, Deep Darzi and Yash Chopra, Team ID 383811, after receiving their prize money from Mr. Santhosh Kumar, Managing Director at Texas Instruments India.

Team 383811 from A. P. Shah Institute of Technology, Thane, won the Second Runner-up Prize of ₹3,00,000/- and product development fund of ₹5,00,000/- for their project Solar Energy Harvesting Wireless Sensor Node, at the finals event held at IIM Bangalore, on 23rd July, 2019. This team was mentored by Prof. Selvin Furtado, from Dept. of Electronics and

Telecommunication Engineering. They also received \$200 worth direct funding from Texas Instruments for their project in form of TI Tools.



Figure 10: From Left to Right, Deep Darzi, Yash Dehiya, Yash Chopra and Manish Mishra, Team ID 383811, qualified for the quarter finals receiving. Holding the \$200 worth TI Tools, received for building their prototype.



Figure 11: Team 383811 after being selected for semi- final round to be held on May-31st 2019, at Delhi Technological University, Delhi.

Video Resources: (click to view video)

[IICDC 2018 - TEAM 383811 - QUARTERFINAL SUBMISSION - TECHNICAL](#) (youtube video)

[IICDC 2018 - TEAM 383811 - QUARTERFINAL SUBMISSION - BUSINESS](#) (youtube video)

TivaC IoT Board Demo @APSIT -

https://drive.google.com/file/d/1Ic7sCiw_KpIY3SAQcuZ0v2YyQ6SE_3T/view?usp=sharing

TI DSP Demo @APSIT -

<https://drive.google.com/file/d/1KBTNtgl0LjL5lBnu5pQNcdhG0FDQ38mf/view?usp=sharing>