Announcement of the IIC-National Innovation Contest 2020 for IICs- Reg

To,
Principal/Directors and HODs of Degree/Diploma Engineering, Pharmacy & Management Colleges/Institutes


Second edition of National Innovation Contest 2020 is being announced in the month of February 2020, so that IICs and students will get enough time to go through the complete 360-degree process of learning which starts with exposure to real-life environment, problem identification, Ideation & solution development, Proof of concept development & validation, Prototype/Innovation development and finally nomination of best of best student innovations from IICs in the National IIC portal. Like last year, this year too we will organize a series of regional mentoring sessions and national level bootcamp for the nominated innovator students.

The IIC-National Innovation Contest 2020 aims at identifying creative minds, engaging them in building innovations, nurturing them through series of mentoring sessions and bootcamps. Innovation Contest is a 360-degree approach to complete a cycle of Innovation and entrepreneurship through a process of problem identification, ideation and enterprise building in a time period of Half- One year.

The innovation contest is also integrated and synchronized with IIC calendar activities. The IICs who have completed the activities given in Contest cycle/ timeline during previous quarters as part of IIC calendar could skip them. Institute who have missed these activities can reschedule them as SELF DRIVEN activities and could complete in duration of Innovation Contest. Please ensure that student team should go through all the above learning steps before IICs nominate their POCs on National IIC portal. IIC Innovation Ambassadors, who have received training through the Innovation Ambassador Training Program, should guide and mentor students/Innovators to shape their innovative ideas.

Team Size:

There is no limit on team size, but maximum two members will get the chance to attend the regional mentoring sessions, which will be conducted during the month of June-July 2020 at the regional level.
Themes:

IIC Institutes should scout student innovation on the following themes-

1. Healthcare & Biomedical devices.
2. Agriculture & Rural Development.
3. Smart Vehicles/ Electric vehicle/ Electric vehicle motor and battery technology.
4. Food Processing.
5. Robotics and Drones.
6. Waste management.
7. Clean & Potable water.
9. IoT based technologies (e.g. Security & Surveillance systems etc.)
10. ICT, cyber-physical systems, Blockchain, Cognitive computing, Cloud computing, AI & ML.

What needs to upload on IIC Portal:

1. Idea nominations- IICs will have to submit details of ideas received from students.
2. POC nomination- IICs will have to submit details of best shortlisted proof of concepts (PoC) after first level of screening at Institute level.
3. Prototype nominations- IICs will have to submit details of best shortlisted prototypes for regional level mentoring and pitching sessions.

Above activities will be scheduled as MIC Driven Activities and IICs will have to upload data as required.

Innovation Contest 2020 – 360 Cycle
Contest Timeline

- Incubation Linkage, Funding Support and International Exposure Visits
- MIC Annual innovation Festival: 30th Aug 2020
- National level Boot camp and Exhibition: 28-29 Aug 2020
- Regional Mentoring Sessions: Quarter 4

- Prototype nominations on IIC Portal (15-30 April): Quarter 4
- Demo Day- Presentation & Selection of Best Prototype: Quarter 3
- Workshop on prototype Design & Prototype Development: Quarter 3
- Workshop on IPR & Identify IP Component: Quarter 3

- Demo Day- Presentation & Selection of best PoC: POC nomination (15-31 March): Quarter 3
- Ideation Workshop & Problem Statement & Solution Development Idea nominations (15-29 Feb): Quarter 3
- Design Thinking Workshop & Development of Proof of Concept: Quarter 3
- Field Visits & Problem Identification: Quarter 3
Contest Benefits

MIC Annual Innovation Contest is a National level competition for students from IICs to help and guide them to create their startup.

Contest promotes students to identify local level problems through Field Visits.

Contest inculcates entrepreneurial mind set among students through workshops on IPR, Design thinking, POC & Prototype development.

MHRD’s Innovation Cell will organise orientation and Prototype mentoring sessions for students at regional level.

Attendees of mentoring and orientation sessions will become IIC Innovation Ambassadors.

Students selected at regional level will get an opportunity to be part of Two-Day National Level Bootcamp at AICTE Head Quarter.

Students selected at National level will be eligible for incubation linkages and funding support (assessment based).

Five best startup/Prototypes will be awarded “MIC Innovation Award-2020”

Selected students will also get an opportunity to be part of International Start-up Ecosystem Exposure visits.
IIC POC Contest 2019 (IIC 1.0):

Last year (during IIC1.0) we have received more than 1650 numbers of PoC nominations from 700 IICs and more than 2500 enthusiastic student innovators/entrepreneurs took part in regional mentoring sessions organized in 14 different locations across India during the period from July-Aug 2019. Further, 102 teams were shortlisted for national level bootcamp and exhibition and more than 250 student entrepreneurs/innovators have gone through 2 days attentive bootcamp on Startup and Business modeling at AICTE HQ, New Delhi. These innovators exhibited their innovations on the occasion of Annual Innovation Festivals of MHRD’s Innovation Cell on 11th Sept 2019 and finally 24 teams were declared as FINALISTS. From these, a 5-member team received international Startup ecosystem exposure tour cum training at CCEI Daegu, South Korea from 30th Oct - 5th Nov 2019 and a 5-member female entrepreneur team went through 2 week-long Canada India International Acceleration program (CIAP 2020) at Carleton University, Ottawa, Canada from 19th Jan 2020.
AICTE and MHRD’s Innovation Cell would also like to provide further support in terms of Technology Business incubation linkage with funding support up to Rs. 10 Lakhs per team for the next financial year (on an avg. funding in tune with 3-6 lakhs per team after evaluation of proposals) to pursue an entrepreneurship career.

For any query, write to us at iic.mhrd@aicte-india.org.

Sd/-
Registrar