

REPORT

on

SMART INDIA INTERNAL HACKATHON - 2020

Held on

5TH February 2020



Vidyaya Amrutam Ahnatha

B.N.M. Institute of Technology

Approved by AICTE, Affiliated to VTU, Accredited as grade A Institution by NAAC.

All UG branches – CSE, ECE, EEE, ISE & Mech.E accredited by NBA for academic years 2018-19 to 2020-21 & valid upto 30.06.2021

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SMART INDIA INTERNAL HACKATHON – 2020

Smart India Hackathon 2020 is a non-stop product development competition organized by MHRD, AICTE, Persistent, Inter Institutional Inclusive Innovations Centre (i4C) and MHRD's Innovation Cell (Govt. of India).

It is a nationwide initiative to provide students a platform to solve some of the imperative problems of society. It inculcates a culture of product innovation and a mindset for problem solving. In SIH 2020, the students would have the opportunity to work on challenges faced within various Ministries, Departments, Industries, PSUs and NGOs to create world class solutions for some of the top organizations including industries in the world, thus helping the Private sector hire the best minds from across the nation. It can help to:

- Harness creativity & expertise of students
- Build funnel for 'Startup India' campaign
- Crowd source solutions for improving governance and quality of life
- Provide opportunity to citizens to provide innovative solutions to India's daunting problems

The Smart India Internal hackathon conducted at the college level promotes innovation and out-of-the-box thinking in young minds. Students of BNMIT get the opportunity to compete and creatively solve problems of Ministries, Departments and Industries to harness solutions.

SIH2020 Process Flow

STEP 1: INTERNAL HACKATHON (Conducted for BNMIT students)

- Registration by a Faculty as Single Point of Contact (SPOC)
- College shall conduct Internal hackathon
- Students are not allowed to register themselves directly
- Last date for SPOC registration is 20th Feb 2020

STEP 2: TEAM SELECTION THROUGH INTERNAL HACKATHON

- The software teams should identify the specific problem statement available in the portal within 20th Feb 2020.
- The hardware should identify the specific problem statement available in the portal within 11th March 2020.

STEP 3: GRAND FINALE

- The 4 ideas per problem statement will be selected out of the submitted ideas for participating in the Grand Finale.

- Software Grand Finale will be conducted on 4th and 5th April 2020 at different nodal centers
- Hardware Hackathon will be between on 6th to 10th July 2020 at different nodal centers.
- Some of the hardware components may be provided to participants of Grand Finale.

SIH 2020 – Themes

1. Smart Communication
2. Agriculture & Rural Development
3. Food Processing
4. Waste management
5. Renewable Energy
6. Healthcare & Biomedical devices
7. Smart Vehicles
8. Robotics and Drones
9. Clean water
10. Security & Surveillance



Jury Members: L→R : Dr. Indiramma, Prof, Dept of CSE, BMSCE, Dr. Sahana D Gowda, HoD, Dept of CSE, BNMIT, and Dr. Shashika la, HoD, Dept of ISE, BNMIT



Jury Members: L→R : Dr. P A Vijaya, HoD, Dept of ECE, BNMIT, Dr. L Vijayashree, Head-NewGen IEDC, BNMIT, SPOC- Dr. R V Parimala, HoD, Dept of EEE, BNMIT, Dr. B S Anil Kumar, Professor, Dept of ME, BNMIT



TEAM - Agro- Rapids



TEAM - TRIO INDIA