



INTERNAL SMART INDIA HACKATHON HELD ON 05TH & 06TH FEBRUARY 2020

Internal Smart India Hackathon event was conducted at KL University on 05th Feb 2020 & 06th Feb 2020. Students from second, third and fourth years actively participated with different problem statements listed by MHRD in Smart India Hackathon 2020 site.

The event was started with inaugural session of addressing the participating teams by

- 1) Mr.V.Hari Kiran, Head of the Department of Computer Science & Engineering
- 2) Dr. Suman, Head of the Department of Electronics & Communications Engineering.

Rules & Regulations of the event are addressed to the participating teams by

- 1) Dr.K. Raja Sekhar, Associate Dean, CIIE & Professor of Computer Science & Engineering
- 2) Dr.K. Sripathy Roy, Assistant Professor, Faculty of ECE & In charge of KL GLUG

The event was conducted separately for problem statements related to software and hardware. This was an event of around thirty-six hours started in the morning hours 05th Feb 2020 and closed on the evening hours of 06th Feb 2020.

Software Edition was held jointly with Department of Computer Science & Engineering and Center for Innovation, Incubation & Entrepreneurship (CIIE). Hackathon was conducted in Computer Lab, ground floor of C-Block at the entrance. Twelve teams participated with different problem statements and the outcome solutions were assessed by the external evaluator from software domain.

Hardware Edition was held jointly with Department of Electronics & Communications Engineering, KL GLUG & Center for Innovation, Incubation & Entrepreneurship (CIIE). Hackathon was conducted in R & D block in ground floor and second floor. Twenty-five teams participated with different problem statements and the outcome solutions were assessed by the external evaluator from hardware domain.

Following are the domain areas for the problem statements on which student teams have worked.

- 1) Smart Communication
- 2) Healthcare & Biomedical devices
- 3) Agriculture & Rural Development
- 4) Robotics and Drones
- 5) Waste management
- 6) Clean water
- 7) Security & Surveillance
- 8) Miscellaneous

Faculty Coordinators for the event.

- 1) Mr.K.Sripathy Roy, Assistant Professor, Faculty of ECE & Incharge of KL GLUG
- 2) Dr.K.Raja Sekhar – Associate Dean, CIIE
- 3) Mr. Sai Baba , Faculty of CSE.

External Entrepreneurs & Jury members for hackathon assessment.

- 1) Mr.Lokesh, Entrepreneur & Developer in Hardware Domain
- 2) Mr. Pradeep. Entrepreneur & Developer in Software Domain
- 3) Team from eSF Labs Pvt Ltd



Internal Smart India Hackathon February 2020



Student development team discussing with the jury evaluator on hardware development

SELECTION OF KLEF AS NODAL CENTRE FOR SMART INDIA HACKATHON 2020

University was selected as nodal centre to host the competition of final solutions Smart Indian Hackathon 2020 for the problem statement on dealing water pollution in India jointly with Central Water Commission, Ministry of Jal Shakti. The event was planned in July 2020.

INSTITUTIONAL INNOVATION CELL (IIC) COUNCIL MEETING HELD ON 7TH FEBRUARY 2020

A Meeting was conducted with all IIE coordinators and student coordinate members as per the guidelines given by IIC, MHRD Innovation Cell

Participants:

Faculty Coordinators: Mr.D.Babu Rao(CSE), Mrs M.Anila, Mr.T.Vijay Muni(EEE), Dr.C.Arun(BT), Mrs.P.Padmavathy(B.A), Mr.G.Uma Sankar(Pharmacy), Mr.Bhupati(ECM), Dr.B.Polaiah(ECE), Dr.K.Raghavarao(CIE/ECM), Dr.K.Raja Sekhar(CSE/CIE), Mr.S.V.Sriresh(IIE TBI/B.Design).

Student Coordinators : Mr.D.Bharath Simha Reddy, Ms Ch.Naga Pavani, Ms G.Sridevi, Mr.R.Rohit, Mr. Siddu Eswar, Mr.M.Sivakumar, Mr.Vinay Are, Mr.P.Ajay

Vamsi, Mr.G.Likith, Ms B.Saroja, Ms P.Nikitha, Mr.N.Nithin Sai, Ms U.Naga Pujitha, Ms K.Jyothi, Ms Reshma Chandrika, Ms Sathwika, Mr.K.Prudhvi Raj, Mr.Dhanush, Mr.Vivek, Ms.Lakshmi Manasa, Ms Poojitha, Ms Hemanjali, Mr.Akash, Mr.Ajay Vamsi, Ms Lasya.

Key Points Discussed Broad Areas :

Different Sectors where incubation can be provided are among, but not limited to:

- Information and Communication Technology ▪ Bio Technology & Allied Sectors
- Augmented Reality, Big Data and Analytics, Image processing and Recognition
- Cloud Computing ▪ Water & Sewage Management
- Green Technology, Clean Energy, Renewable Energy, Non-Renewable Energy Resources

Business Support :

- ✓ Business plan assistance
- ✓ Mentoring support
- ✓ Access to professionals with legal, financial, accounting, IP and industry expertise showcasing events for exhibition of products and solutions
- ✓ Networking events to facilitate interaction with investors and industries Training programmes and seminars relevant to entrepreneurs

Seed Funding for Entrepreneurship: funds/grants/ schemes meant shall be allocated based on the strength of the project and recommendation of the panel.

Other Initiatives : EAD (Entrepreneurship Awareness Drive)

This is an initiative to identify youths to the entrepreneurs within them and to motivate them for their start-ups.

For this EAC (Entrepreneur Awareness Camp) and interactive workshops shall be organized. The workshops are structured very to inculcate entrepreneurial skills from basic to advanced level. The workshops included are:

- Exploring Entrepreneurial Spirit
- Practicing Entrepreneurial Thinking
- Mastering Entrepreneurship



SUBMISSION OF DATA TOWARDS INSTITUTIONAL INNOVATION CELL (IIC) NATIONAL INNOVATION CONTEST

Student members and innovators from CIE have submitted the ideas for national innovation contest under different areas initiated by MHRD Innovation Cell. More than 40 teams have submitted their ideas and worked on concepts. Most of the teams have participated in Internal Smart India Hackathon 2020

PROPOSAL SUBMITTED TO MSME FOR DESIGN FACILITATION SERVICES

CIE has submitted to MSME to establish Design Facilitation Services centre to produce innovations and subsequent start-up culture in University campus

6) Announcement & Shortlisting of KLEF to establish Atal Community Innovation Centre (ACIC) by NITI Aayog

Based on evaluation by Screening cum Selection Committee (SSC), NITI Aayog is now ready with ACIC selection results. Our University application for grant-in-aid support under ACIC program is selected for final due diligence and compliance verification by Atal Innovation Mission, NITI Aayog.

NITI Aayog is ready for on-site verification of applicant's credentials submitted in ACIC application filed with AIM. During the site visit, final Budget with detailed working, G&D and other compliance documentation shall also be reviewed and signed off for formal submission. The site visit shall be planned once the situation is normalized, after the Coronavirus outbreak in the country. University shall be separately informed about the same.

Message from NITI Aayog, AIM: "University commitment to serve the society through ACIC establishment is going to be of great support to all aspiring innovators. Let's join hands together and achieve our goal to build a strong innovation ecosystem".

The AIM Team has conducted series of WebEx sessions with the selected applicants during last week of April 2020 to discuss on compliance process.