# Smart India Hackathon 2020

*Software edition*

CONTENTS


INTRODUCTION TO SIH 2020 ..... 02

STAKEHOLDERS INVOLVED ..... 03

RISKS ..... 04

INSPIRATION FOR THE SIH 2020 ARCHITECTURE AND PROCESSES ..... 04

Below is an illustration of the SIH 2020 architecture ..... 04

SIH processes ..... 05

Technical Building Blocks ..... 05

CAPACITY BUILDING OF NCS: SUCCESS MANTRA FOR SIH 2020 ..... 10

SIH CLINIC: HAVING FUN AND SOLVING PROBLEMS ..... 10

DIGITAL FOOTPRINT ..... 11

CONTACT DETAILS ..... 12

INTRODUCTION

# Introduction to SIH 2020

The world's largest open innovation model was organized from August 1 to August 3 2020. Smart India Hackathon is a nationwide initiative to provide students with a platform to solve some of the pressing problems we face in our daily lives, and thus inculcate a culture of product innovation and a mindset of problem-solving. The first three editions SIH2017, SIH2018 and SIH2019 proved to be extremely successful in promoting out-of-the-box thinking in young minds, especially engineering students from across India.

However, SIH 2020 had hit a wall because of the COVID-19 situation. Which is where the experience of the InnovatioCuris (IC) team was handy. IC had already conducted two large hackathons, Ideathon and Samadhan for COVID-19 solutions and had a deep understanding of the processes involved in a virtual event.

# Stakeholders Involved

| | |
|---|---|
| 40 | Nodal Center (NCs) |
| 66 | Problem statement owners (PSOs) |
| 1126 | Evaluators |
| 1001 | Teams<br>*(10000+ students )* |

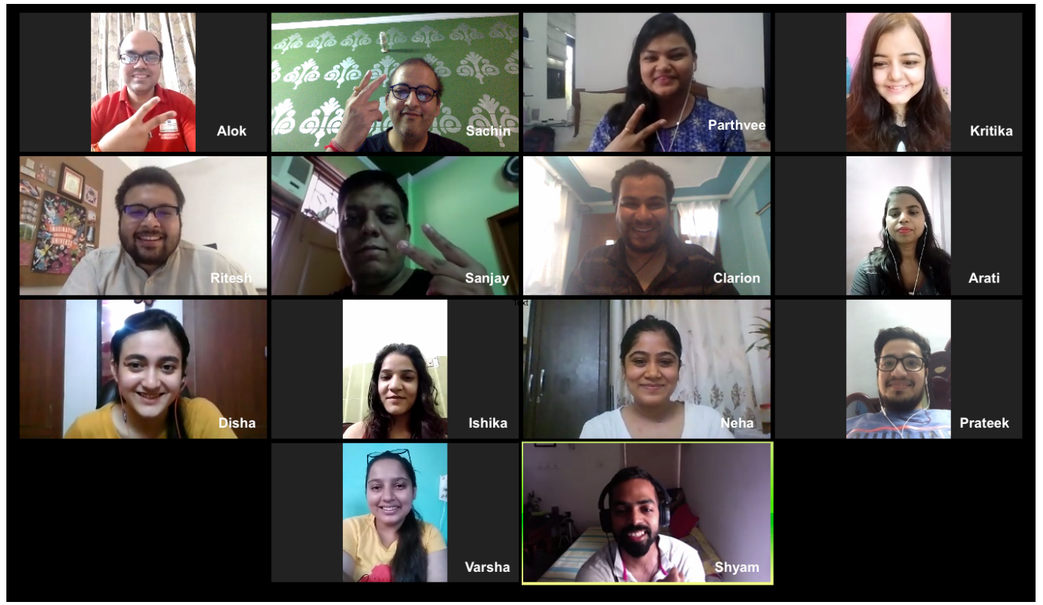
# Organisations Involved

MHRD
Ministry of Human Resource Development
Government of India

Ministry of Education

i4C

InnovatioCuris

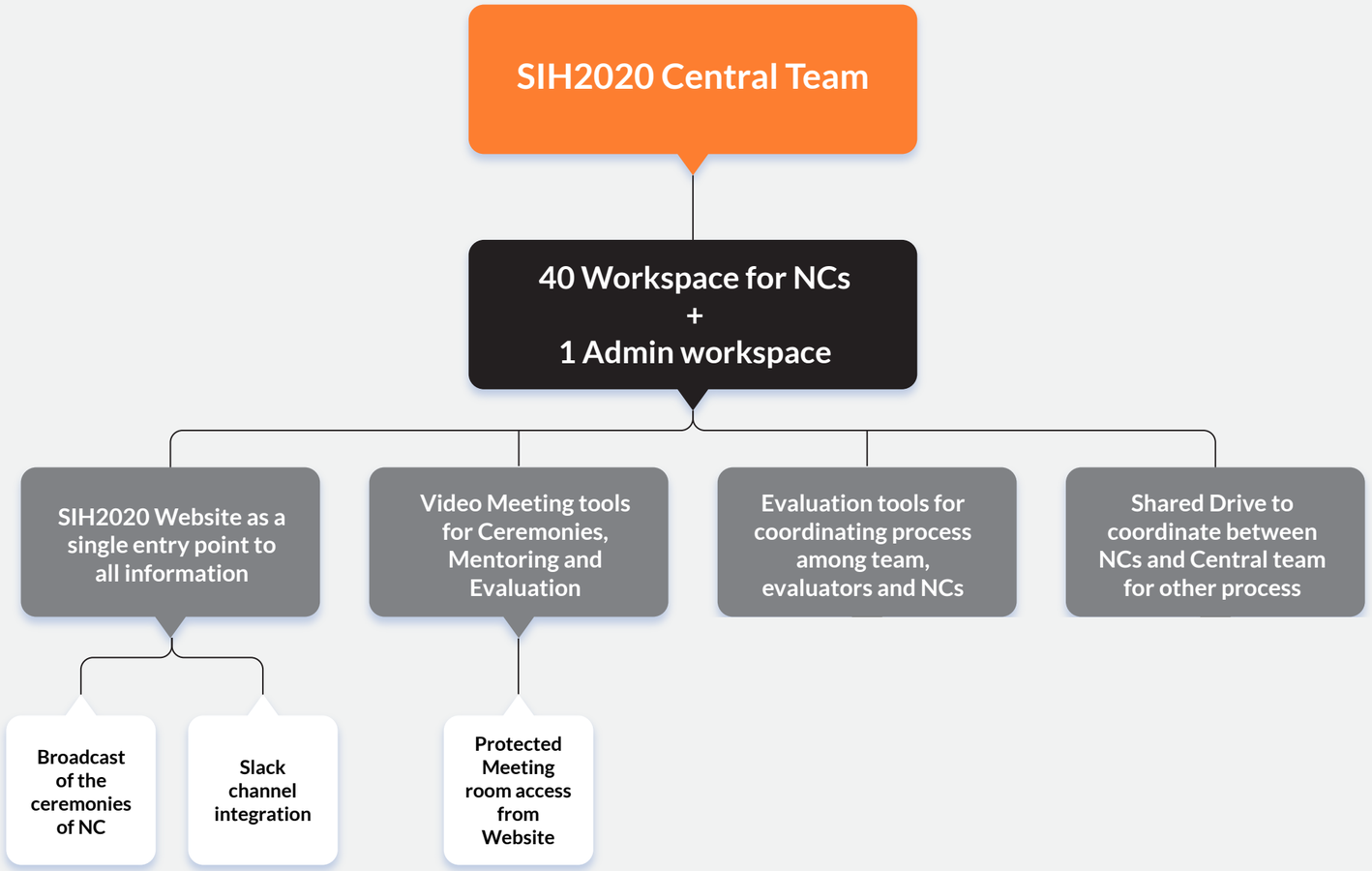


# Identified Risks

- Data Inconsistency
- Lack of trained manpower
- Internet connection
- Cyber Attacks

## Inspiration for the SIH 2020 architecture and processes

### Architecture



# SIH Processes

### Registration

Google form by NC Communication with all NC Slack workspace

### Participants Attendance

Links provided by SIH team Evaluation Coordination public channels in slack

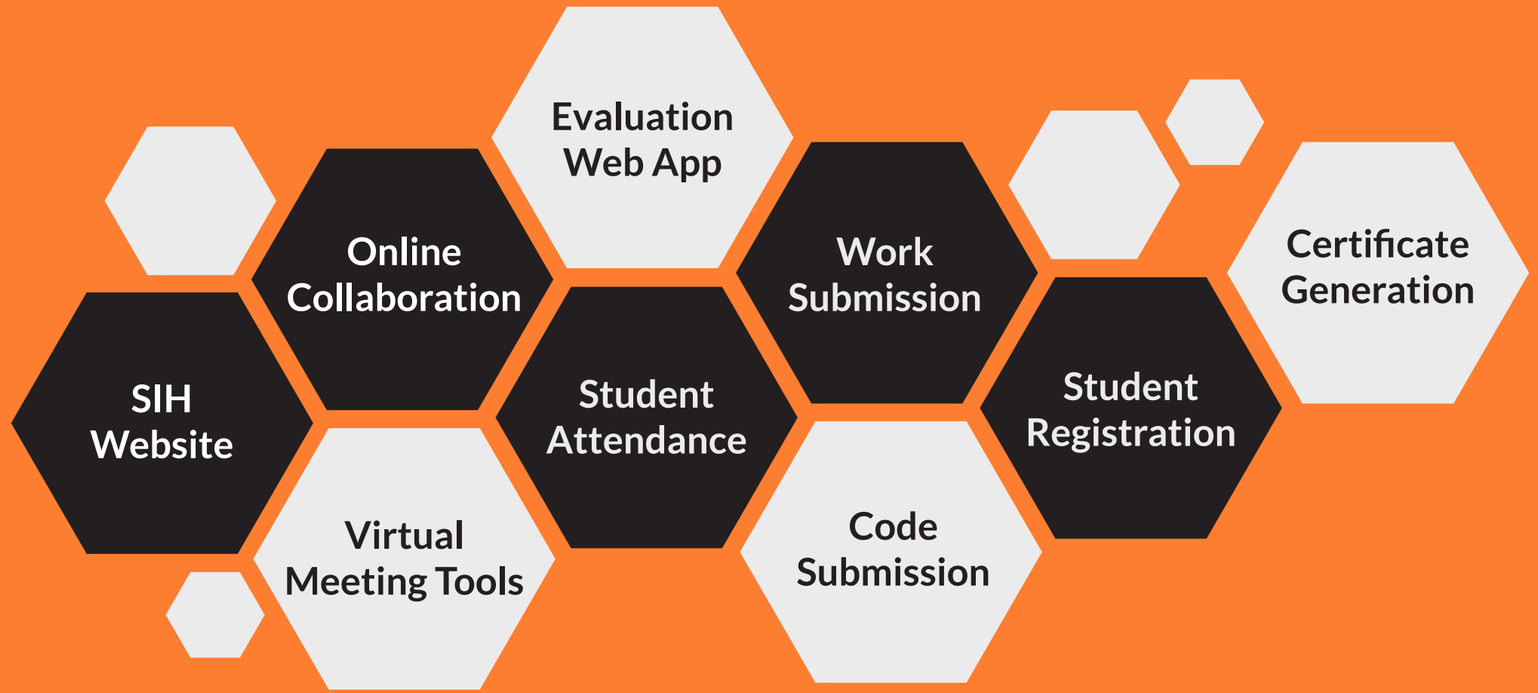
### Evaluation Meeting

Online meeting rooms provided by the Nodal Centers Evaluation Scoring SIH provided Portal

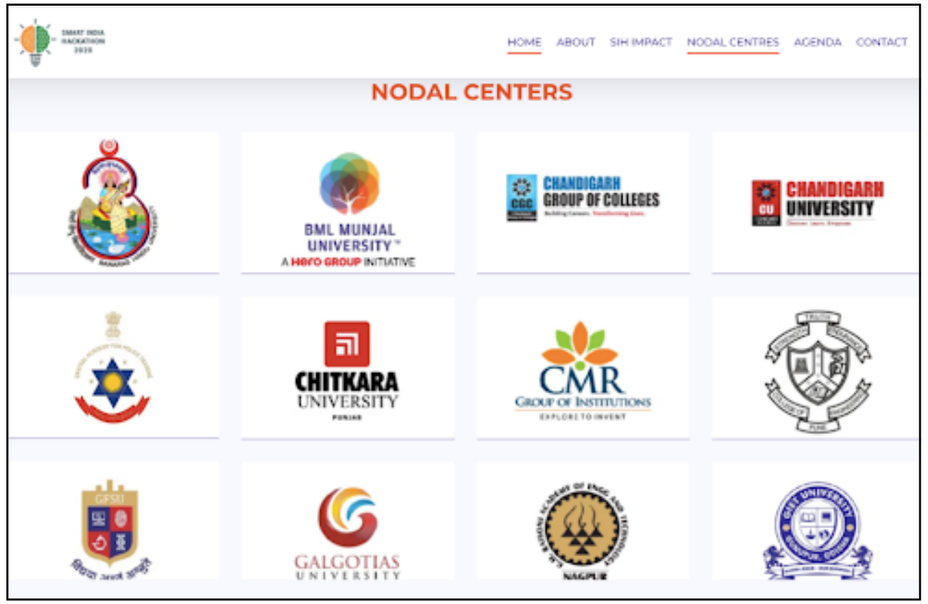
### Student work Submission

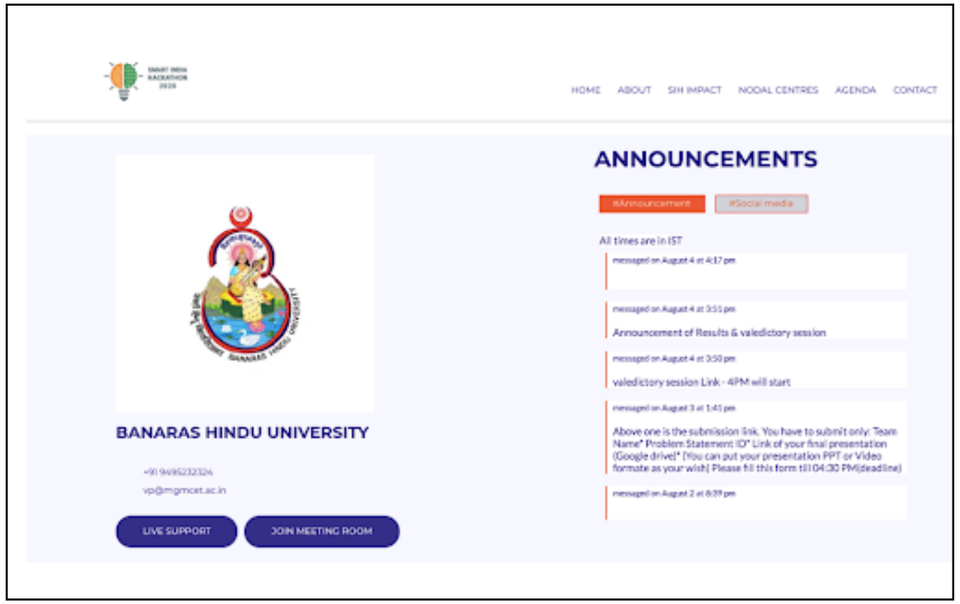
Links provided by SIH team Opening/ Valedictory Ceremony Meeting tools of the choice of the NC, broadcast on Youtube

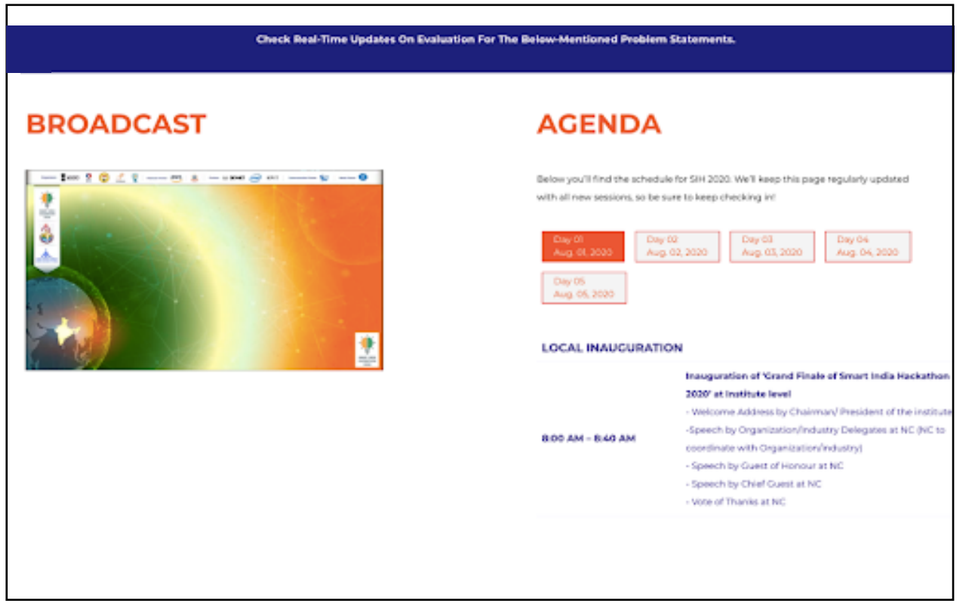
# Technical Building Blocks



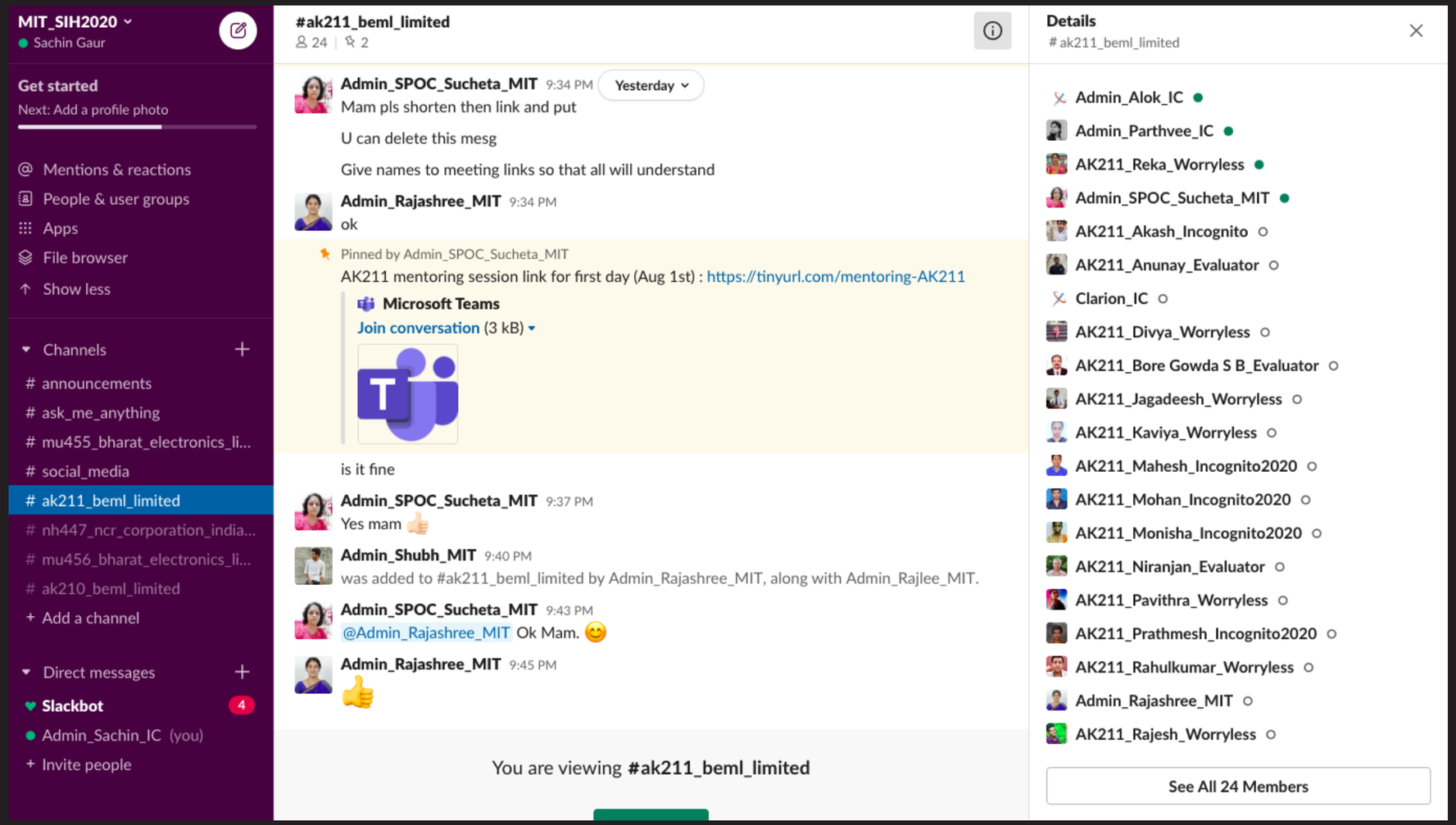
# SIH website


HOME
ABOUT
SIH IMPACT
NODAL CENTRES
AGENDA
CONTACT
NODAL CENTERS
BML MUNJAL UNIVERSITY
A Hero GROUP INITIATIVE
CHANDIGARH GROUP OF COLLEGES
CHANDIGARH UNIVERSITY
CHITKARA UNIVERSITY
CMR GROUP OF INSTITUTIONS
EXPLORE TO INVENT
GALGOTIAS UNIVERSITY
NAGPUR


HOME
ABOUT
SIH IMPACT
NODAL CENTRES
AGENDA
CONTACT
BANARAS HINDU UNIVERSITY
LIVE SUPPORT
JOIN MEETING ROOM
ANNOUNCEMENTS
All times are in IST
Announcement of Results & valedictory session
valedictory session Link - 4PM will start


Check Real-Time Updates On Evaluation For The Below-Mentioned Problem Statements.
BROADCAST
AGENDA
Below you'll find the schedule for SIH 2020. We'll keep this page regularly updated with all new sessions, so be sure to keep checking in!
Day 01 Aug. 01, 2020
Day 02 Aug. 02, 2020
Day 03 Aug. 03, 2020
Day 04 Aug. 04, 2020
Day 05 Aug. 05, 2020
LOCAL INAUGURATION
8:00 AM - 8:40 AM
Inauguration of 'Grand Finale of Smart India Hackathon 2020' at Institute level
- Welcome Address by Chairman/ President of the institute
-Speech by Organization/Industry Delegates at NC (NC to coordinate with Organization/Industry)
- Speech by Guest of Honour at NC
- Speech by Chief Guest at NC
- Vote of Thanks at NC

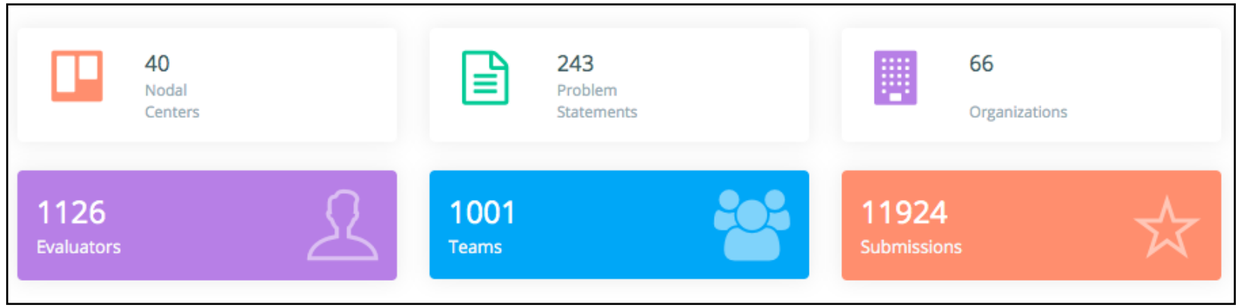
# Online Collaboration
(Slack)

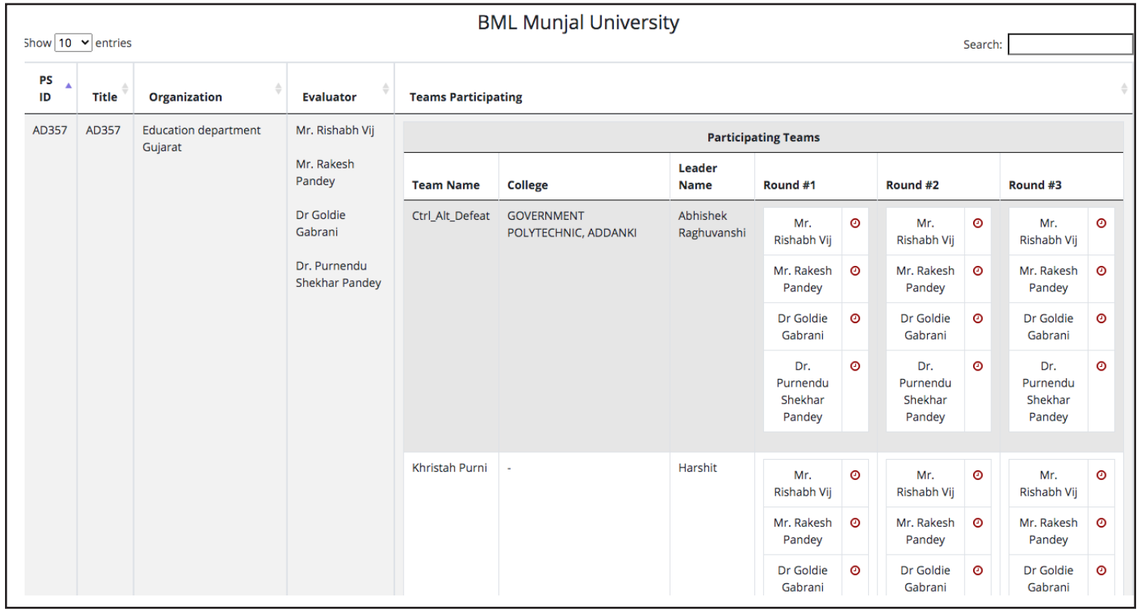


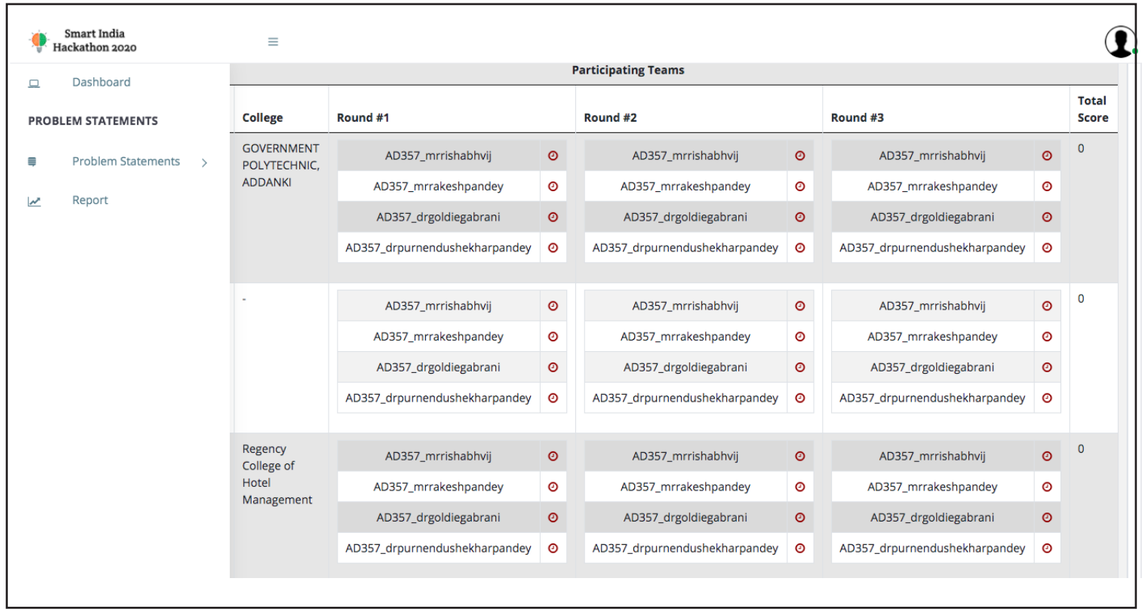
# Virtual Meeting Tools:

MS teams, Google meet, Zoom, Cisco webex etc

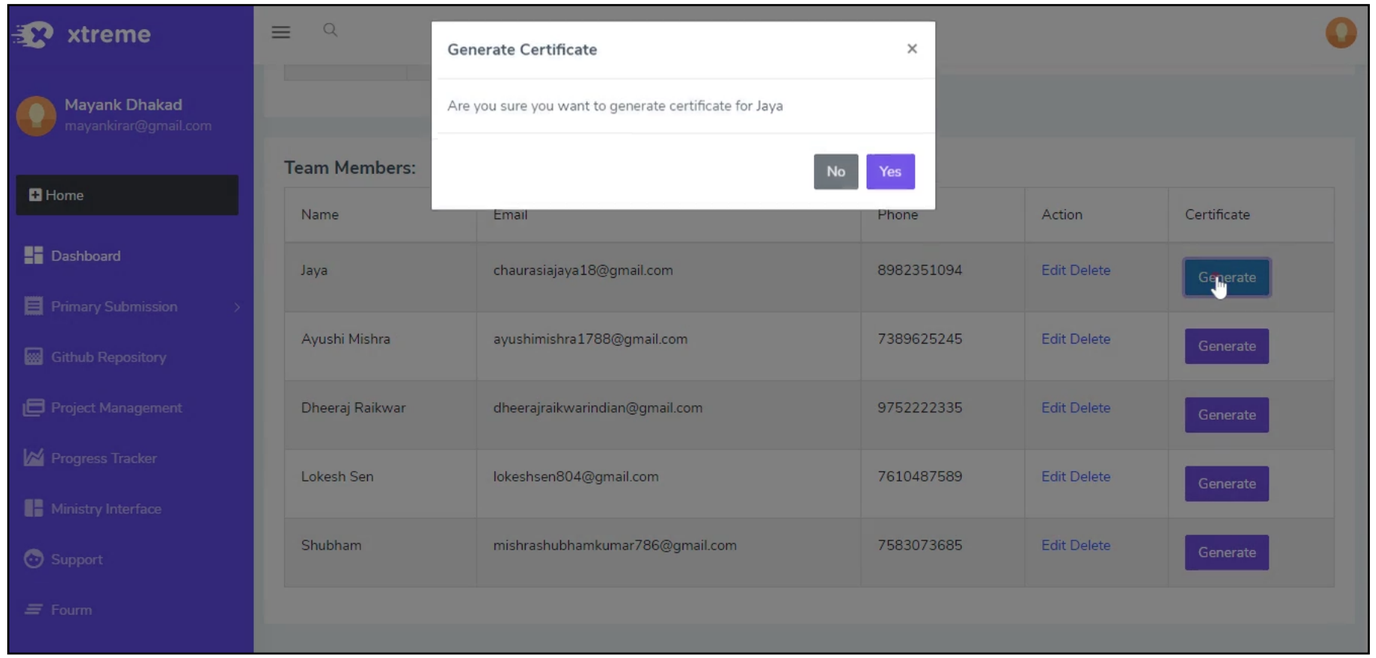
Evaluator Web Application



- **Student Attendance and Work Submission**
- **Code Submission**
- **Student Registration and Certificate Generation**

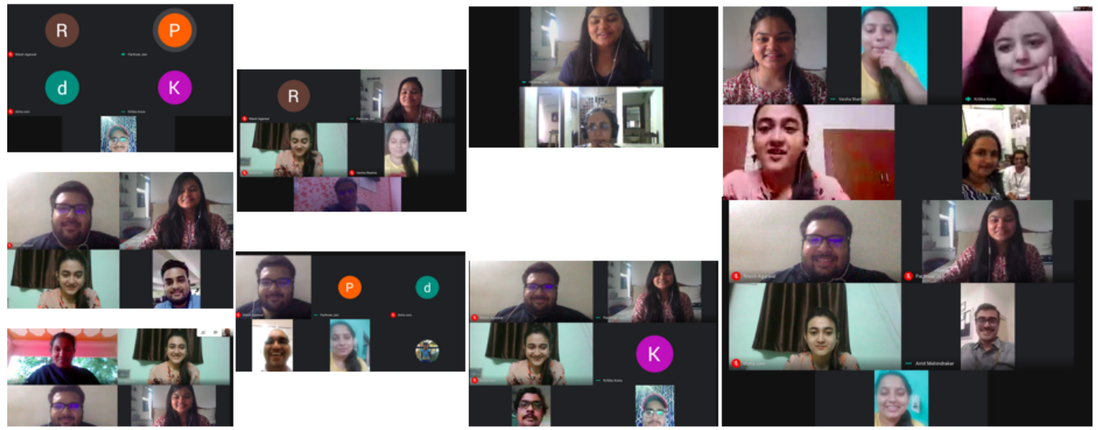


# Capacity building of NCs: Success Mantra for SIH 2020

*The organizing team conducted online sessions using Zoom video conferencing sotware for all the nodal center(NC) staff over a week. In turn, the NCs were instructed to organize multiple such training sessions for the student teams and evaluators participating in their NCs. Hence, in a matter of three weeks, capacity building of over 10,000 people was achieved using Slack for collaboration, various SIH processes and other practical aspects on going live, social-media management, etc;*

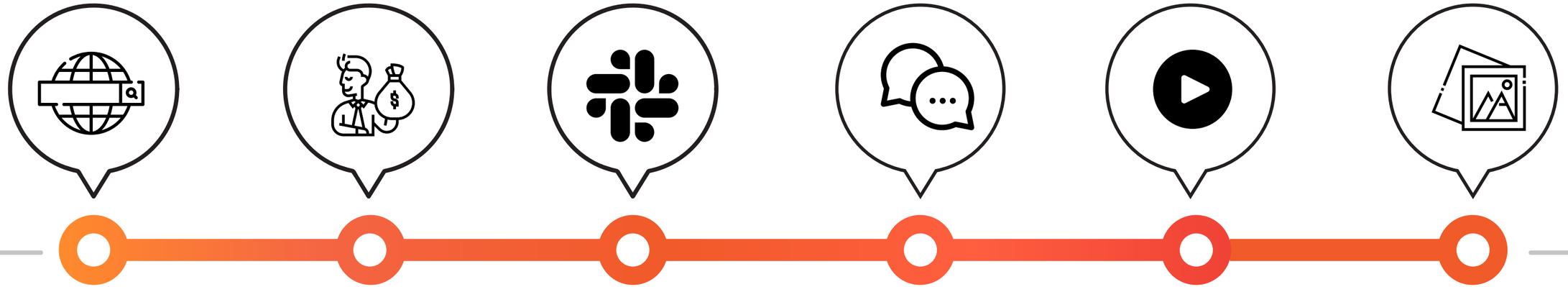
# SIH Clinic: Having Fun and Solving Problems

The IC team also came up with an innovative concept of running a live troubleshooting meeting room over the three days using a Google meeting link (as link can be reused, easier to communicate), the NCs were encouraged to bring their problems and IC teams would quickly solve them. The fees for the clinic was a selfie of the client (NC representative) with the IC team, which generated some nice memories during the three days!



# **Digital** footprint

Numbers quantify an event's impact, and being virtual we declare our numbers through website and Slack workspace analytics.



**81000+**

*Website visits in a span of 72 hours*

**10000+**

*Stakeholders*

**40**

*Slack workspaces*

**150000+**

*Interactions*

**70000+**

*Video views*

**2700+**

*Photos/ screenshots*

**Digital footprint**

# Contact Details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Technical Setup and Best Practices

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