



INTERNAL SMART INDIA HACKATHON

Organized by Technical Club, BIT Patna

Smart India Hackathon is a nationwide initiative to provide students from all across the country 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.

It provides an opportunity to be a part of Nation Building and get innovative solutions to your problems in cost effective ways. Talented youngsters from all over the country offer out of the box solutions to the given problems. It also gives an opportunity for national recognition and visibility for your company across all premier institutes in India and to be a part of World's biggest Innovation Movement Opportunity and work with some of the best talents of the country.

We, at Technical Club, BIT Patna are providing an opportunity to the students of our college by organizing an internal hackathon for software and hardware editions. All the teams registering for this hackathon will be provided some problem statements. Each team has to solve the given hardware or software problem statement. One team each from software and hardware editions will be shortlisted for the Smart India Hackathon based on their performance in Internal Hackathon. One team each from software and hardware will be the waiting list category.

The rules for team formation are as follows:

- All team members should be from BIT Patna. However, members from different branches are encouraged to form a team.
- Each team would mandatorily comprise 6 members including the team leader.
- Each team must have AT LEAST ONE FEMALE TEAM MEMBER.



- As the software edition of the hackathon is a digital product development competition, the majority of the team members MUST be well versed with programming skills. For the hardware edition, we encourage multi-disciplinary teams – which means your team should have a good mix of Mechanical Engineers, Electronic Engineers, Product Designers and Programmers, etc.
- All these teams will be participating in the recommended Internal hackathons conducted by Technical Club.

These are the following rules for idea submission:

- The team has to select any problem statement problems listed on <https://sih.gov.in/sih2023PS>
- The team has to come up with their own ideas against the problem statements and make a presentation of their idea.
- The team will submit their idea presentation. (Submission link will be provided by TC later.)
- Post Idea submission process, the ideas will be evaluated. Evaluation criteria will include novelty of the idea, complexity, clarity and details in the prescribed format, feasibility, practicability, sustainability, scale of impact, user experience and potential for future work progression.
- Based on the evaluation of our judges. The team will be shortlisted to represent our college at National Level.

For more details, the links are provided below:

- Problem Statements available on <https://sih.gov.in/sih2023PS>
- For FAQs <https://sih.gov.in/faqs#team>
- For queries you may contact: +91 86030 25898, +91 77270 73565



Participants List

Total six teams for the software category had participated for the internal SIH organized on. The participants' list for all six team is as follows:

Team Name: BigByte

1. Kuwar Vishnudatt
2. Archishman Nag
3. Aarushi Shanker
4. Utkarsha Medhekar
5. Rishav Raj
6. Harsh Jha

Team Name: StrawHatHackers

1. Pranjal
2. Rishi Raj
3. Anupam Gupta
4. Yuvika Singh
5. Snehal Kumar
6. Tripti Kumari

Team Name: DOTEEXE

1. SHIVANGI CHAUDHARY
2. AMAN KUMAR
3. RAHUL RAJ
4. UJJWAL KUMAR
5. FAIZ KHAN
6. SUMIT KUMAR MISHRA

Team Name: Shiva's Den

1. Khushi Tiwary
2. Richa
3. Anshika Pandey
4. Alpha Kumari
5. Amisha Lal
6. Aadya Kumari

Team Name: Nexus

1. Prachi Jha
2. Shreya Kumari
3. Samreedhi
4. Lavanya Jha

5. Abbas Hassan
6. Md. Owais Ashraf



Team Name: Team Apex

1. Shreyas Deo
2. Shailja Rani
3. Mihir Raj
4. Vishal Gaurav
5. Vidisha Jahanvi
6. Vinit Keshav



Social Media Promotions and Link

Following materials were used for social media promotions:



Social Media Promotions and Link



PROUDLY PRESENTS



Smart India Hackathon 2023



ON CAMPUS
INTERNAL
HACKATHON



Friday, 29
September 2023



2:30 PM

9155377180

Last date to register
27th September 2023

> REGISTER NOW

For more details visit: www.sih.gov.in    @bitptechnical



Smart India Hackathon 2023



Rules for team building

- All team members should be from BIT Patna. However, members from different branches are encouraged to form a team.
- Each team would mandatorily comprise of 6 members including the team leader.
- Each team must have AT LEAST ONE FEMALE TEAM MEMBER.
- As the software edition of the hackathon is digital product development competition, majority of the team members MUST be well versed with programming skills. For the hardware edition, we encourage multi-disciplinary teams which means your team should have a good mix of Mechanical Engineers, Electronic Engineers, Product Designers and Programmers, etc.
- All these teams will be participating in the recommended Internal hackathon conducted by Technical Club.

> REGISTER NOW

swipe left 

   @bitptechnical



The poster is a dark purple rectangle with a grid pattern. At the top left is the Birla Institute of Technology logo. At the top center is the 'Smart India Hackathon 2023' logo with a brain icon. At the top right is the 'TECHNICAL CLUB' logo with a laptop icon. The main title 'Rules for Idea Submission' is in large white font. Below it is a list of six bullet points. At the bottom left is a purple button with a white arrow and the text 'REGISTER NOW'. At the bottom right are social media icons for Facebook, Instagram, and LinkedIn, followed by the handle '@bitptechnical'.

Smart India Hackathon 2023

Rules for Idea Submission

- The team has to select anyone problem statement from 510 problems listed on sih.gov.in/sih2023PS.
- The team has to come up with their own ideas against the problem statements and make a presentation of their idea. The team will submit their idea presentation. (Submission link in bio.)
- Post idea submission process, the ideas will be evaluated. Evaluation criteria will include novelty of the idea, complexity, clarity and details in the prescribed format, feasibility, practicability, sustainability, scale of impact, user experience and potential for future work progression.
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- Problem Statements available on <https://sih.gov.in/sih2023PS>
- For FAQs <https://sih.gov.in/faqs#team> • For queries you may contact +91 7727073565, +91 9155377180

[> REGISTER NOW](#)

[f](#) [@](#) [in](#) @bitptechnical

Following Social Media accounts and website were used for event promotions:

- Instagram: www.instagram.com/bitptechnical
- LinkedIn:
<https://www.linkedin.com/company/bitptechnical/> •
- Website: bitptechnical.org.in

Event Photos

The event was conducted on 29th sep 20223. The Image of the event and participants are













Judges and Jury Members





Dr. Ritesh Kumar Badhai



Dr. Mayank Singh



Mr. Rajeev Ranjan



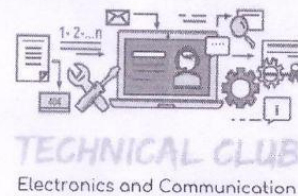
Dr. Ajit Kumar Keshri



Birla Institute of Technology

Extension Center, Patna

Department of Electronics and Communication



Internal Hackathon 2023 for SIH Scorecard

29-09-2023

We have concluded the Internal Hackathon for SIH on 29th September 2023. Upon combining the scores from our esteemed judges, following are the results of the event:

Six teams selected.

BigByte

StrawHatHackers

DOTEXE

Shiva's Den

Team Apex

Nexus

The combined score sheet is as follows:

Team Name	Dr. Ritesh Kumar Badhai	Dr. Mayank Singh	Mr. Rajeev Ranjan	Dr. Ajit Kumar Keshri	Total
Big Byte	30	30	32	22	114
Straw Hat Hackers	35	36	36	33	140
DOTEXE	33	36	35	27	131
Shiva's Den	29	30	33	25	117
Team Apex	33	36	36	31	136
Nexus	35	38	35	32	140

29.09.23

Dr. Ritesh Kumar Badhai

29/09/23

Dr Mayank Singh

29/9/23

Mr. Rajeev Ranjan

29/09/23

Dr. Ajit Kumar Keshri