

बिहार सरकार
विज्ञान एवं प्रौद्योगिकी विभाग

पत्रांक-वि०प्रा०(VI) COE (स्था० पो०)-06/2022 (पार्ट-2) 1467/पटना, दिनांक: 13/4/23

प्रेषक,

सचिव,
विज्ञान एवं प्रौद्योगिकी विभाग,
बिहार, पटना।

सेवा में,

प्राचार्य/प्रभारी प्राचार्य,
सभी राजकीय पोलिटेकनिक/राजकीय महिला पोलिटेकनिक संस्थान।

विषय:- भारतीय प्रौद्योगिकी संस्थान, पटना द्वारा आयोजित Smart Bihar Hackathon 2023 कार्यक्रम के संबंध में।

प्रसंग:- भारतीय प्रौद्योगिकी संस्थान, पटना से प्राप्त ई-मेल।

महाशय,

उपरोक्त विषय के संबंध में कहना है कि राजकीय पोलिटेकनिक/राजकीय महिला पोलिटेकनिक संस्थानों में अध्ययनरत छात्र/छात्राओं हेतु भारतीय प्रौद्योगिकी संस्थान, पटना द्वारा Smart Bihar Hackathon कार्यक्रम आयोजित करने का प्रस्ताव प्राप्त हुआ है (अनुलग्नक)। प्रस्तावित Smart Bihar Hackathon 2023 कार्यक्रम का Schedule निम्नवत् है-

| Smart Bihar Hackathon 2023 | |
|-------------------------------|-------------------------------|
| Activity Schedule | Dates |
| Registration Process | Till midnight 30th April'2023 |
| Shortlisting of Proposals | 2nd May'2023 |
| Shortlisted name announcement | 05:00 PM 2nd May'2023 |
| Hackathon days | 05th - 06th May'2023 |

उपरोक्त कार्यक्रम में छात्र/छात्राओं को आवेदन करने हेतु गूगल लिंक-
<https://forms.gle/nWqpxpVJ48v8JiaD6> उपलब्ध कराया गया है।

अतः उपरोक्त कार्यक्रम में अधिक से अधिक छात्र/छात्राओं को भाग लेना सुनिश्चित कराये।

अनुलग्नक:- यथोक्त।

विश्वासभाजन,

सचिव,
विज्ञान एवं प्रौद्योगिकी विभाग,
बिहार, पटना।

13/4/2023



Joint Director Tech <jdt.dstbihar@gmail.com>

Fwd: Regarding Smart Bihar Hackathon 2023

Rakesh Kumar <pstodirector@iitp.ac.in>
To: Joint Director Tech <jdt.dstbihar@gmail.com>

Wed, Apr 12, 2023 at 9:50 AM

Dear Sir,

As per discussion in yesterday's meeting please find attached document for your review please.

Regards,
Rakesh

From: aman_ic <aman_ic@iitp.ac.in>
Sent: Tuesday, April 11, 2023 7:02:20 PM
To: Rakesh Kumar <pstodirector@iitp.ac.in>
Cc: Alok Ic <alok_ic@iitp.ac.in>; Manager Ic <manager_ic@iitp.ac.in>; Pic Ic <pic_ic@iitp.ac.in>
Subject: Regarding Smart Bihar Hackathon 2023

Dear Sir,

Greeting for the day....!!! Hope you are doing well.

As per today's meeting at Director Office IIT Patna.

The proposed Smart Bihar Hackathon 2023 schedule:
(As per the meeting)

| Smart Bihar Hackathon 2023 | |
|-------------------------------|-------------------------------|
| Activity Schedule | Dates |
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The promotional flyer and the Google form are attached.
Google Link to submit the application: <https://forms.gle/nWqpxpVJ48v8JiaD6>



SMART BIHAR HACKATHON 2023

The last day to submit the application form is 30th April '2023. Hackathon Days : 05th May - 06th May'2023

[forms.gle](https://forms.gle/nWqpxpVJ48v8JiaD6)

Kindly provide valuable suggestions to modify as per the IIT Patna policies.

Regards:
Aman Kumar
Incubation Centre IIT Patna

3 attachments

THEME BASED ON:

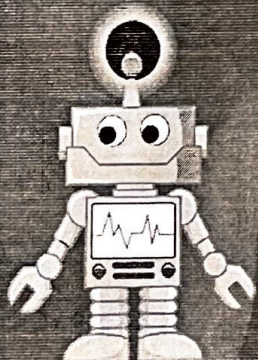
- Water Problem
- Healthcare Problem
- Education Problem
- Electricity Problem



PRESENTS

SMART BIHAR HACKATHON 2023

PARTICIPATE NOW!



SCAN FOR REGISTRATION

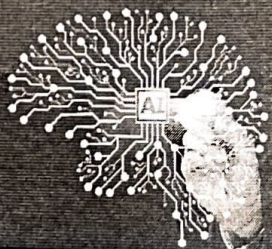
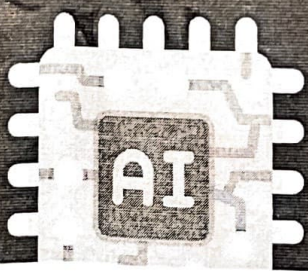


SUPPORTING PARTNERS



| | |
|--|--|
| Registration Dates: Till 30 April '2023 midnight | HACKATHON DAYS 05 - 06 MAY '2023 |
|--|--|

IOT





INCUBATION CENTRE



INDIAN INSTITUTE OF TECHNOLOGY, PATNA
Amhara Road, Bihta, Patna - 801103

Date: 13.03.2023

Proposal: Smart Bihar Hackathon for Polytechnic Students of Bihar

1. Introduction

Incubation Centre IIT Patna (IC IITP) was established by IIT Patna to promote innovation and entrepreneurship in the broad area of Electronic System Design and Manufacturing and Medical Electronics with financial assistance from Ministry of Electronics and Information Technology (MeitY) and Government of Bihar under administrative approval No.36 (20)/2014-IPHW Dated 11th December 2014 (enclosed as Annexure 1) with a total fund outlay of Rs 47.10 Cr (Rs 22.10 Cr from MeitY and Rs 25 Cr from Govt of Bihar).

The incubator is registered as a society under Societies Registration Act 21, 1860 as on 15th February 2016 and is named "Incubation Centre IIT Patna". The incubator is Governed by the management committee of the society, headed by Director IIT Patna as its president, Registrar IIT Patna as its vice president, Dr. Yatendra Kumar Singh, Associate Professor, Department of Electrical Engineering as its Secretary.

IC IITP has partnered with ecosystem players and government agencies to create an active startup ecosystem in Bihar and eastern part of the country. It is an active partner in implementing Bihar Startup Policy and also works with institutions in the region for entrepreneurial awareness through lectures/seminars/campaigns. IC has organized many hackathons, entrepreneurship summits, conclaves, expert talks etc. for the student and startup community.

2. Proposed Hackathon

The proposed hackathon is for the students of Government Polytechnics that are associated with Centre of Excellence (CoE) project. Further details are given below:

2.1. **Problem Statement:**

Problem statements shall be to solve real-world local problems in the following areas.

- Water Problem
- Healthcare Problem
- Education Problem
- Electricity Problem

2.2. **Technology Focus Area:**

Hackathons will have a parallel stream in each of the following 6 technology areas. The solutions to the problem statements may be proposed using any of these technologies:

- AI/IoT
- Industrial Automation
- Robotics
- EV (Electric Vehicle)
- Drones
- 3D Printing

2.3. **Eligibility and Expected Number of Participants:**

Students from Hub and spoke institutions where a CoE is established in a particular technology vertical, shall apply with problem statements and solutions using the same technology vertical.

Handwritten signature

Any number of teams can apply from one institution. Shortlisting of all applications under a technology vertical will be done to select 5 finalist teams to participate in the physical hackathon. The shortlisted teams shall be present for the physical hackathon on the prescribed date, time, and venue.

Each team shall consist of 4 students from the same institution. A total of 30 teams (5 from each technology vertical X 6 verticals) shall compete in the hackathon.

A registration link shall be created and provided for participant registration. Mobilisation of registration shall be the responsibility of the colleges. The colleges need to circulate the same to the students and encourage the registration of at least 5 teams from each college.

2.4. Schedule for Hackathon:

Proposed dates are given below, it may be changed as per instruction from DST.

| | |
|---------------------------|---|
| Online Registration | : Open till 25th March '2023 12:00 midnight |
| Shortlisting of proposals | : 26th March '2023 |
| Hackathon days | : 28th & 29th March 2023 |

2.5. Venue:

Proposed venue is as per details given below. Venue may be changed as per instruction of DST if needed.

Navin Rajkiy Polytechnic College Patna,
Patliputra Colony, Patna, Bihar 800013.

2.6. Facilities to be provided to participants:

1. Accommodation arrangements: Mattress shall be provided to all participants. Bedsheets and blankets need to be brought by participants. Clean, secured premises for stay and toilets in sufficient number shall be provided by the college that host the event
2. Venue Arrangements: Arrangement of tables, chairs, carpets, backdrop, banner/ poster, etc shall be made by IC. Projector if available at the host institute may be provided for use.
3. Technical Kit for Participants: Appropriate technical kit (one kit per team) to be used for the hackathon shall be provided to participating teams by IC. Additional tools as needed, and laptops needs to be brought in by the teams

2.7. Prizes/Certificates:

The following prize money (and certificate of appreciation) is being planned for the winners

| Item | Award | Number |
|---|-------------|------------------|
| 1st Prize Winner from each technical vertical | Rs 10,000/- | 6 |
| Certificate of Participation | Certificate | All participants |

2.8. Opening and closing ceremonies:

An opening and closing ceremonies shall be conducted in the presence of invited dignitaries.

2.9. Manpower support

Incubation Centre (directly / through its partners) shall provide 6 technical mentors to support the teams and 5 program management personnel for coordination activities.

Six expert panellists (3 each in one panel, total two panels) shall be invited to evaluate the work of the participating teams. Each expert panel will deal with three technology verticals.