

OFFICE OF THE MISSION DIRECTOR

SAMAGRA SHIKSHA

KAHILIPARA, GUWAHATI-781 019, ASSAM

(ISO 9001:2015 CERTIFIED)

File: E-847599/

Dated.19.09.2026

Standard Operating Procedure (SOP) for Assam School Hackathon – Seva Sankalp Abhijan:

1. Purpose and Objectives:

Samagra Shiksha Axom intends to conduct State Level Hackathon as “Assam School Hackathon-Seva Sankalp Abhijan” for students of Class 6 to 12 aligned with National Education Policy, 2020 to discover and nurture the talents of students. The programme is aimed to showcase the best ideas/ prototypes developed by students in the National and International level by publishing in renowned journal, obtaining Intellectual Property Right on the developed product linkage with industrial market.

2. Scope and Institution Coverage:

The event will cover students of approximately 13000 Govt/ Provincialized/ Private schools across the districts. There are 11052 Govt/ Provincialized, KGBV, Adarsha Vidyalaya, Kendriya Vidyalaya, Jawahar Novodaya Vidyalaya schools. Further it is expected to cover 2000 private schools.

Category	Govt/Provincialised(Including Adarsha Vidyalaya)	KGBV/NSCB AV	KV	JNV	Private Schools	Total
2 - Primary with Upper Primary	3538	0	0	0	0	3538
4 - Upper Primary only	2761	0	0	0	0	2761
3 - Pr. with Up.Pr. sec. and H.Sec.	368	0	55	0	2000	2423
5 - Up. Pr. Secondary and Higher Sec	816	74	0	27	0	917
6 - Pr. Up Pr. and Secondary Only	1109	0	2	0	0	1111
7 - Upper Pr. and Secondary	1689	20	0	3	0	1712
8 - Secondary Only	383	0	0	0	0	383
10 - Secondary with Higher Secondary	43	0	0	0	0	43
11 - Higher Secondary only/Jr. College	164	0	0	0	0	164
Total	10871	94	57	30	2000	13052

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3. Categories of the Assam Innovation Challenge:

The Assam School Hackathon will be organized in three categories

- **Junior Innovative Challenge** (Class 6 to 8),
- **Emerging Innovators Challenge** (Class 9 & 10)
- **Advanced Innovation Challenge** (Class 11 & 12)

The **Junior Innovative challenge** for Class 6 to 8 will be purely on Idea where the next two higher categories i.e. **Emerging Innovators Challenge** (Class 9 & 10) and **Advanced Innovation Challenge** (Class 11 & 12) will be based on developing prototypes

4. Themes:

The Idea/ prototypes are invited on 15 themes for all the three categories.

AIC1.	Artificial Intelligence
AIC2.	AI agents
AIC3.	Motivational Chatbot
AIC4.	Heritage & Culture
AIC5.	Disaster Management
AIC6.	Agriculture, FoodTech & Rural Development
AIC7.	Transportation & Logistics
AIC8.	Robotics and Drones
AIC9.	Clean & Green Technology
AIC10.	Tourism
AIC11.	Renewable/ sustainable Energy
AIC12.	Block chain & Cyber security
AIC13.	Smart Education
AIC14.	Remote Sensing
AIC15.	Space Technology

5. School Level Event:

- a) The registration of schools will be started from **19th to 30th September, 2026** through online mode.
- b) Schools will register teams of a group of 5 students in each category under one mentor teacher.
- c) 2 hours Orientation of teams on how to develop idea/ prototype at school level through the Smart Classroom/ Tele-Education facility after closing of registration from **1st to 3rd October, 2026**.

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- d) 20 Hours Self-pace Foundation Learning for students from **5th to 15th October, 2026** will be provided through on-line mode.
- e) On-line assessment of category wise teams at school level to shortlist 5000 teams from **23rd to 31st October, 2026** (i.e. Approx. 70 teams per category per districts)
- f) Shortlisting of 5000 teams during **1-5th November, 2026**

6. District Level Jury:

There will be District level Jury to shortlist the proposals. The composition of District jury will be

- Additional District Commissioner (Education)- Chairman
- District Mission Co-ordinator, SSA – Member
- Inspector of Schools- Member
- District Elementary Education Officer- Member
- District Manager (Industry & Commerce) - Member
- District Informatics Officer, NIC- Member
- 2 Experts from Government Technical Experts – Member
- 2 College faculty for Government/ provincialized college – Member
- Nominated Expert from IHFC- IIT, Delhi

7. Selection process at District Level

- a) District level boot camp will be organized through self-pace Advance learning for the 5000 shortlisted teams will be organized from **9th to 18th November, 2026** through on-line mode.
- b) Mentoring by District Jury members during the district level boot camp.
- c) 3 Hours on-line assessment by coding challenge for Class 9 to 12 teams and MCQ Assessment for Class 6 to 8 teams from **19th to 25th November, 2026** (70% Weightage) **through 5-days boot camp in on-line mode** under mentorship engaged by IHFC-IIT, Delhi and District Jury.
- d) The shortlisted teams will make presentation before the District jury for 30% weightage from **26th to 30th November, 2026** and further shortlisting of 150 teams for state level competition.

8. State Level Jury:

There will be State level Jury for final selection. The composition of State level Jury will be-

- Mission Director, Samagra Shiksha – Chairman
- Director, Information Technology, Assam – Member
- Director, Higher Education, Assam – Member
- Director, Technical Education, Assam – member
- Director, Assam Science Education & Technology- Member
- Director, Assam State Remote Sensing Application Centre – Member
- Experts of IHFC- IIT, Delhi – Member

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9. State level selection process:

- a) 5-day activity (Boot camp on face-to-face mode)- Assessment by 72 hours Hackathon where shortlisting of 50 teams each under each category. For teams of class 9 to 12, shortlisting will be based on coding challenge having 70% weightage and Jury round having 30% weightage). For teams of Class 6 to 8, shortlisting of 50 teams will be based on MCQ having 70% weightage and Jury round having 30% weightage.
- b) The state level boot camp is proposed to be held on **7th to 11th December, 2027**.
- c) The ceremonial distribution will be held with an orientation for mentor teacher of top teams.

10. Award:

The following cash award will be presented to the top 10 teams in each category:

Advanced Innovation Challenge (Class 11 & 12)	• Rs.4 lakhs to Top 5 teams • Rs. 2 Lakhs to Bottom 5 teams
Emerging Innovators Challenge (Class 9 & 10)	• Rs.2 lakhs to Top 5 teams • Rs. 1 Lakhs to Bottom 5 teams
Junior Innovative Challenge (Class 6 to 8)	• Rs.1 lakhs to Top 5 teams • Rs. 50,000 to Bottom 5 teams

11. Expected Outcome and Measurable Impact:

Expected outcomes include empowered innovators, research publications, IP/patent opportunities, product and startup development, incubation and industry linkages, national and international representation, and measurable real-world impact for Assam.

Yours faithfully,


(Aayush Garg, IAS)
Mission Director,
Samagra Shiksha Axom

Memo No. E-847599/

Dated.19.09.2026

Copy to:

1. PPS to Hon'ble Chief Minister, Assam for kind information.
2. S.O. to Chief Secretary, Assam for kind information.
3. The Commissioner & Secretary to the Govt. of Assam, Department of School Education, Dispur, Guwahati-6 for kind information and necessary action.

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4. The Director of Higher Education, Assam, Kahilipara, Guwahati-19 for kind information & necessary action.
5. The Director of Technical Education, Assam, Kahilipara, Guwahati-19 for kind information & necessary action.
6. The Director of Elementary Education, Assam, Kahilipara, Guwahati-19 for kind information & necessary action.
7. The Director of Secondary Education, Assam, Kahilipara, Guwahati-19 for kind information & necessary action.
8. The Director, SCERT, Kahilipara, Guwahati – 781019 for kind information & necessary action.
9. The District Commissioner, All Districts for kind information.
10. The Principal Secretary, BTC/KAAC/DHAC for kind information and necessary action.
11. The District Mission Co-ordinator, All Districts for kind information and necessary action.
12. The Inspector of Schools/ DEEOs, All District for information and necessary action.
13. P.S. to Hon'ble Minister, Education etc. Department for kind information.
14. P.S. to Commissioner & Secretary to the Governor of Assam, Governor's Secretariat, Assam for kind information.
15. P.A. to Secretary to the Govt. of Assam, General Administration Department for kind information.
16. P.S. to the Secretary to the Govt. of Assam, Information Technology Department for kind information.
17. P.S. to Secretary to the Govt. of Assam, Information, Public Relations & PS Department for kind information.


(Aayush Garg, IAS)
Mission Director,
Samagra Shiksha Axom