



State Council of Educational Research and Training

(An autonomous body under Department of Education, Govt. of NCT of Delhi)

Varun Marg, Defence Colony, New Delhi 110024

File No. F3(2)/NEP2020/Task Guidelines/SCERT(2024-25)/481-90 Date: 09/04/25

Guidelines for NEP 2020 Implementation

Guidelines to Organize HACKATHON at School, Zone, District and State Level

Task No 297 as per SARTHAQ Document

Guidelines for awareness and wide dissemination about innovative pedagogies, puzzles, games etc. for students and teachers, hackathon may be organized at national and state level” (Reference to Task No 297 mentioned in NEP task Tracker and SARTHAQ Document).

The National Education Policy (NEP) 2020 emphasizes the need to promote innovative pedagogies and problem-solving mindsets among teachers and students. HACKATHON is a programme to encourage innovation, critical thinking, and creativity. This initiative aims to develop higher-order cognitive skills, connect learning with real-life situations, and nurture a culture of innovation and entrepreneurship in the education system.

1. Objectives

- 1. Foster Innovation:** Encourage teachers and students to conceptualize creative ideas in teaching and learning.
- 2. Promote Problem-Solving:** Inculcate a mindset of solving real-life challenges through innovative pedagogies.
- 3. Enhance Knowledge and Skills:** Develop scientific, experiential, and entrepreneurial skills in students and teachers.
- 4. Celebrate Diversity:** Connect ideas from various disciplines such as history, science, culture, and ethos.
- 5. Encourage Collaboration:** Build partnerships with the community, scientific institutions, and local industry.
- 6. Popularize Best Practices:** Disseminate innovative teaching practices across the state.

2. Levels of Hackathon Organization

1. School-Level Hackathon

- **Purpose:** Select innovative entries for participation in higher levels.
- **Promotion:** Use school assemblies, posters, social media, and local announcements.
- **Execution:**
 - Teachers and students propose innovative ideas in a pre-defined format.

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- Selection of entries based on set criteria.
- Community participation is encouraged for financial and logistical support.

2. Zone/Cluster-Level Hackathon

- **Purpose:** Screen and forward selected entries to the district level.
- **Coordination:** Block/Cluster coordinators manage planning, logistics, and participant selection.
- **Promotion:** Announce through local channels and invite community stakeholders.

3. District-Level Hackathon

- **Purpose:** Identify the best entries for state-level participation.
- **Coordination:** District-level committee organizes the event, reviews entries, and ensures representation from all clusters.
- **Promotion:** Wide dissemination through radio, TV, newspapers, and social media.
- **Screening Committee:**
 - District Education Officers.
 - Representatives from scientific institutions.
 - Selected school leaders.

4. State-Level Hackathon

- **Purpose:** Showcase and recognize the best practices across districts.
- **Coordination:** A state-level committee oversees the event, ensures inclusivity, and handles logistics.
- **Involvement:**
 - Expert judges from SCERT, NCERT, CBSE, and universities.
 - Partnerships with industry and scientific organizations.
- **Documentation:** Prepare a detailed report, including best practices, participation details, and recommendations.

3. Selection Criteria

S. No	Criteria for Selection	Weight ages in percentage
1.	Creative Imagination, Originality And Innovative project	15
2.	Logical Thought And Approach	15
3.	Social and Emotional Skills	15

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4.	Technical Skill(Art Craftsmanship)	15
5.	Economic(low cost/portability/entrepreneur)	15
6.	Presentation(demonstration explanation)	15
7.	Educational value for the children	10

4. Judging and Evaluation

- Judges include experts from SCERT, DIETs, NCERT, CBSE, and relevant fields.
- Evaluations to focus on creativity, feasibility, social impact, and educational value.
- Feedback to be provided to all participants to encourage continuous improvement.

5. Promotion and Awareness

- Use local languages for accessibility.
- Leverage digital platforms, community networks, and media for outreach.
- Develop booklets, posters, and e-resources to guide participants.

6. Documentation and Dissemination

- Prepare a comprehensive report after each Hackathon, including:
 - Theme, venue, and dates.
 - Participant details (schools, students, and teachers).
 - Summary of ideas, exhibits, and models.
 - Evaluation criteria and recommendations.
- Disseminate through social media, websites, TV, radio, and publications.
- Publish a compendium of best practices for distribution to schools and stakeholders.


7. Follow-Up and Sustainability

1. Popularize Best Practices: Share through radio, TV, internet, and social media.
2. Encourage Research: Conduct studies on the effectiveness and usability of innovations.
3. Create Sharing Channels: Develop platforms for collaboration among schools and departments.
4. Expand the Initiative: Establish innovative pedagogy identification cells at school, block, and district levels.

8. Financial Support

- Allocate specific budgets for organizing Hackathons at all levels.
- Encourage community contributions to support local events.
- Provide funds to schools for implementing innovative ideas.

The HACKATHON is a dynamic platform to foster innovation, creativity, and collaboration in education. By engaging teachers, students, and the community, this initiative will not only enhance learning outcomes but also inspire a culture of problem-solving and entrepreneurship, laying the foundation for a progressive and inclusive education system.



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2. PS to Director, Education, DoE, Delhi
3. PS to Director, SCERT, Delhi
4. PS to SPD, SS, GNCT, Delhi
5. Addl. DE (Schools) DoE, Delhi
6. All DDE's (Districts and Zones) with request to monitor the training programs under their Jurisdiction, DoE, Delhi
7. Director, Education & DDE Zone of all the Local Bodies (MCD, NDMC & DCB)
8. DDE Private School, DoE
9. WIM SCERT, Delhi
10. Guard file


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