

School Innovation Council

(an Initiative of MoE's Innovation Cell, Ministry of Education)

Website- <https://sic.mic.gov.in>

I. Introduction:

India is one of the youngest countries in the world, with a substantial population in schools. Concerted efforts and policy interventions are required to translate this demographic potential into dividends. The current school education is heavily focused on rote learning and a rigid examination system which ignores the ever-increasing importance of **creative thinking, design thinking, ideation, innovation, patents, problem-solving, and entrepreneurial mindset**. The current school education system lacks the focus on innovation-oriented activities.

National Education Policy 2020 (NEP 2020) restructures and advocates for synergetic convergence in our education system: From pre-primary to higher education and also reconfigures the education system with new skills, innovation, and a research ecosystem. It lays great emphasis on promoting ideation, out of box thinking, innovation, and entrepreneurship (IIE), at the school education level in a sustainable manner. It advocates for synergetically connecting the IIE ecosystem at the school education level with that of the higher education ecosystem including hands-on learning and skill development.

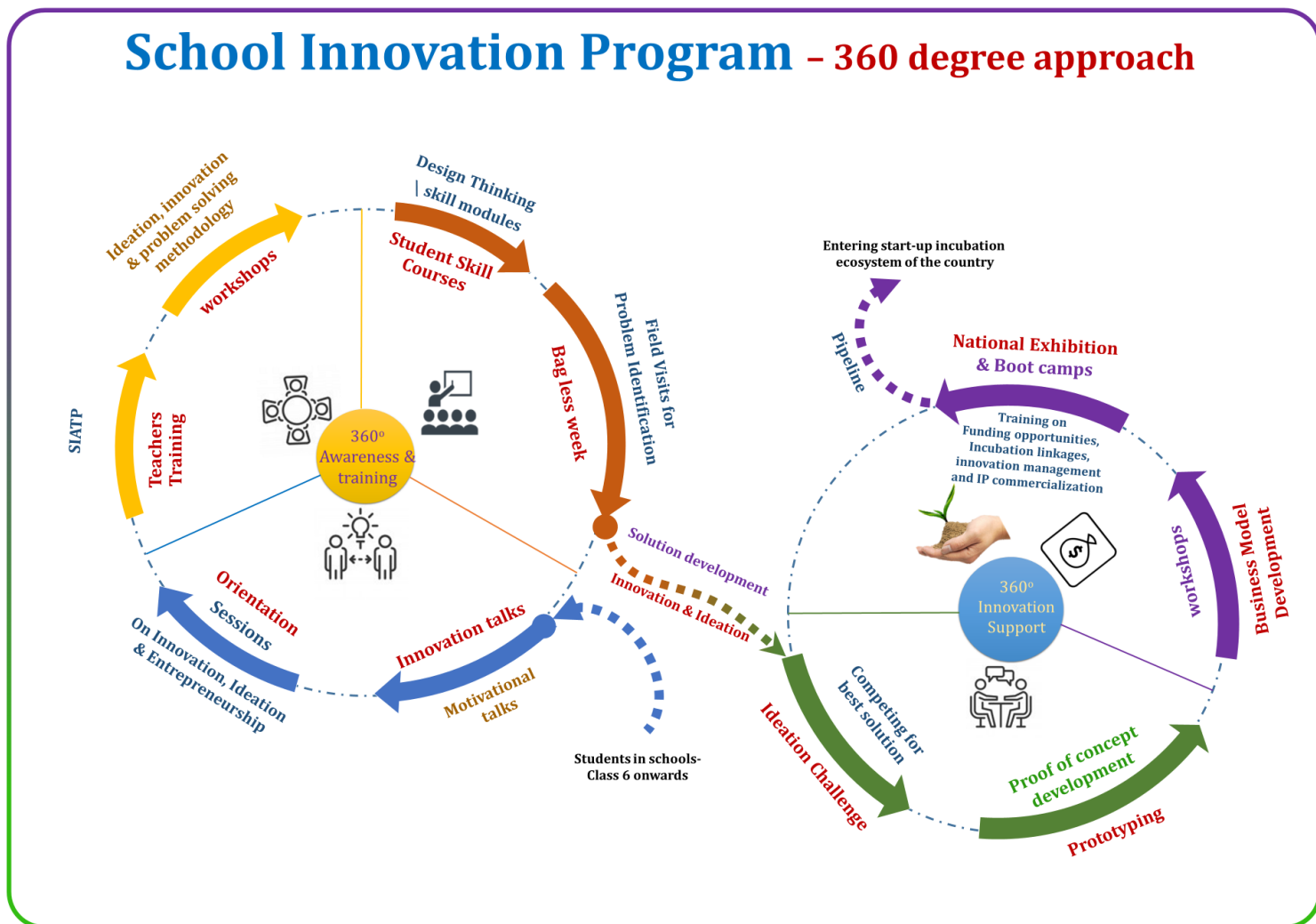
Taking forward the aim of NEP 2020, the **Ministry of Education's Innovation Cell (MIC)** envisages the establishment of the School Innovation Council in the schools. This **initiative will foster the culture of ideation, innovation, entrepreneurship, creative thinking, design thinking, prototyping, out-of-box thinking, and IP commercialization** by facilitating training (for teachers), field visits, leadership talks, awareness, orientation sessions, boot camps, national-level exhibitions, hackathons, skill modules, new courses for students, linking of school innovation ecosystem with higher educational institutions (HEIs), etc. at schools.

The School Innovation Council initiative will bridge the gap in connecting schools with the Innovation & Entrepreneurial enabler ecosystem of the country. SIC will provide a platform for the schools, academia, industry, HEIs, experts, innovators, entrepreneurs etc., to come together and work in unison to make disruptive progress in I&E ecosystem at the school level in the country.

II. Objective

- The School Innovation Council will foster the culture of Ideation, Innovation and Entrepreneurship (IIE) in schools.
- SIC will act as an umbrella program for all the initiatives of the Ministry of Education's Innovation Cell, AICTE, CBSE, and other institutions regarding the promotion of Innovation and Entrepreneurship among school teachers and students.
- SIC will enable mindset change, awareness, and training on IIE, design thinking, startup finance, HR and IPR among teachers and students.
- Systematically measuring and enabling the ranking system for schools on the level of innovation-oriented activities.
- Providing mentoring and utilizing the existing infrastructure of the school to nurture innovation in learners.
- Encouraging, incentivizing, and upskilling teachers to enhance their mentoring capabilities.
- Enabling exchange programs, collaborations, field visits, and ideation activities.
- To implement and initiate the various programs on innovation-related activities through the established school innovation council committee.
- To act as the enabling platform for implementing National Innovation and Entrepreneurship Promotion Policy (NIEPP) for schools.
- The council will create a synergetic bridge between the Innovation and Entrepreneurship ecosystem of higher education and school education through various initiatives of MIC in Higher Education.

III. SIC's 360 degree Philosophy.



IV. Who can establish the School Innovation Council

- The Ministry of Education's Innovation Cell recommends the establishment of the School Innovation Council in all the secondary and higher secondary schools of the country (including CBSE-affiliated foreign schools).
- Any school affiliated with any of the educational boards including state boards in India can establish School Innovation Council and register the same on the SIC website.

V. **School Innovation Council committee.**

The schools will create the School Innovation Council committee at the school level with the following members. The details of all the committee members shall be provided by the schools during the registration of the School Innovation Council on the SIC website.

(A-D)

A. Executive representatives-

1. **Chairperson of the Council** –School Principal (or equivalent)
2. **Convener/ Activity Coordinator** - School Vice Principal/ Senior teacher (with 5+ years of relevant experience) from the school.

Note– Executive members will have the login credential for SIC. They can log in with the registered email and password created on the SIC website. The nominated members should have interest and experience in Ideation, Innovation, entrepreneurial ecosystem, or in conducting innovation-related activities/festivals/hackathons/ competitions.

B. Teacher representatives:

1. **Innovation ambassadors trained under SIATP-** Schools can nominate teachers here for Innovation Ambassador Training. Teachers can login on SIATP website (<https://sia.mic.gov.in>) with a registered email.
2. **Additional Members** (not more than 5) – Teachers nominated by School Principal – to carry our SIC calendar and other Innovation and Entrepreneurship related activities in school.
3. **Atal Tinkering Lab in charge** (if ATL exists in the school)

C. Social Media Coordinator- Teacher/non-teaching staff nominated by the principal with experience and interest in social media management.

D. Student representatives:

1. **School captain/ head boy/head girl from the school**
2. **Student Members** (not more than 5)- nominated by executive members to support the council in carrying out SIC activities.

E. External Expert Representatives:

1. **Successful entrepreneur:** Start-up founder/ co-founder or alumni entrepreneur from school or entrepreneur from nearby Higher Educational Institute (HEI).

2. **Expert member:**

- Officer from nearby Incubation/ pre-incubation Centre
and/ or
- Technology/ finance/ sales/ banking expert from nearby industry/ bank/ institution.
and/ or
- President/ convener/ member of Institution's Innovation Council established by MIC in nearby HEI (IIC website- <https://iic.mic.gov.in>)
and/ or
- IPR Expert.
and/ or
- Senior industry experts having experience in sales/ marketing/ product design/ product manufacturing etc.

Note- MIC will facilitate linking of IIC/ Higher Education Institute with SICs to help schools onboard expert representatives.

VI. Process of School Innovation Council establishment.

- The Executive Representatives (principal/vice principal) of the school shall initiate the process of registration for the School Innovation Council by constituting the SIC committee as given in point IV.

Note- The schools registered for School Innovation Ambassador Training Program (SIATP) will be automatically upgraded to SICs with existing details and login credentials. Such schools can update the details and furnish additional details after the first login on the SIC website.

VII. Monitoring of School Innovation Council

- Ministry of Education's Innovation Cell will monitor the progress of School Innovation Council on a quarterly basis.

VIII. Expected outcomes from the establishment of School Innovation Council

- Establishing and strengthening the Ideation, Innovation, and Entrepreneurship (IIE) ecosystem in schools.
- Awareness creation on IIE, design thinking, creative thinking, IPR, finance, and product sales, among school teachers and students.
- Aligning School Ideation, Innovation, and Entrepreneurial ecosystem with the needs of established ecosystem at the higher education level.
- Extending the existing Innovation and Entrepreneurship ecosystem infrastructure to schools.
- Preparing the schools to handhold the ideation and entrepreneurial initiatives of their students and create awareness to reach more number of students.
- Guide and handhold the schools to create a sustainable ecosystem of Innovation, Entrepreneurship, IPR creation, Design Thinking etc.

IX. Report Submission.

The schools are required to submit the compliance report for the activities on monthly basis to the MIC through SIC Website (<https://sic.mic.gov.in>). The format of the reporting will be available in the School Login on the SIC website.

X. Credit point system and performance rating

The SICs will be given credit points for doing activities given in the SIC calendar and for undertaking additional activities to further the Innovation and Entrepreneurial agenda in the schools. The credit points will drive the performance rating of the SICs. The credit points will lead to the star rating on scale of five star system and SICs with higher star ratings will be acknowledged as top performers. This credit point system will help MIC to systematically rank the schools on their innovation achievements at the national level.

Sr. No.	Activity Type	Weightage
1	SIC Calendar Activities	50 %
2	MIC Driven Activities (hackathons, exhibitions, etc.)	30%
3	School / Self Driven Activities	20%

XI. Activities for Schools under SIC.

SIC Activity Calendar

SIC Calendar Activities for Academic Year 2023-24				
Orientation session on “School Innovation Council (SIC) in Schools”				
	Activity	Mode	Organizer	Month
1	Leadership talk /Motivational session by successful Innovators/entrepreneurs from schools/ colleges.	Online	MIC	July 2023
2	Innovation Contest: Idea Creation Challenge/Ideation: Invite Ideas from Students	Offline	School	August 2023
3	Innovation Contest: Development of Proof of concept and Prototype by students.	Offline	School	September 2023
4	Innovation Contest: Business Model Development a) Develop the business plan for ideas submitted by students. b) Provide students with case studies on India's successful startups and ask them to make comparison studies with similar startups with a focus on business models e.g. Swiggy Vs Zomato.	Offline	School	October 2023
5	Webinar/Session- Entrepreneurship and Startup support ecosystem in the country	Online	MIC	November 2023
6	Session on Intellectual Property Rights	Online	MIC	December 2023
7	Motivational Session by successful Innovators/entrepreneurs from schools/colleges.	Online	School	January 2024
8.	Session on Technology Transfer	Online	MIC	February 2024
9	Awareness on the basics of “Innovation and Entrepreneurship at the school level” among students through games/ Fairs/ Exhibition/ competitions/ quizzes etc.	Offline	School	February-April 2024

1. MIC Driven Activities:

Under MIC Driven Activities, the schools will be given periodic activities by MIC in addition to SIC Calendar Activities.

- (a) Formation of an **“SIC”** in each school to promote the free flow of ideas, where students can showcase their innovation in a creative way.
- (b) School Innovation Council committee meeting twice a year at the beginning of the first and second half of the calendar activities for planning and coordination of these activities.

2. Self-Driven Activities:

The schools are encouraged to do Ideation, Innovation, Entrepreneurship, IPR, and Start-up related activities in addition to SIC Calendar Activities and MIC Driven Activities.

XII. SIC Implementation Organisation:

Ministry of Education’s Innovation Cell, All India Council for Technical Education, and Central Board of Secondary Education.
