



# Strengthening IIC Linkages with ATLS and SICs in Schools and the Framework for Providing Mentorship and Guidance

Academic Year	2023-24
Program Driven by	MIC Activity
Quarter	IV
Program / Activity Name	Orientation cum Refreshers' Session on Institution's Innovation Council Objectives, Structure, Operation for IIC Institutions
Program Type	
Program Theme	
Start Date	31-07-2024
End Date	31-07-2024
Duration of the Activity (in Mins)	1 hr
Number of Student Participant	0
Number of Faculty Participant	2
Number of external Participant	0
Expenditure Amount in Rs.	0
Any Remark	Nice Session
Mode of Session Delivery	Online conducted by MIC
Objective	
Benefit in terms of Learning / Skills / Knowledge obtained	
Video url (mp4)	Attached
Photograph 1 (jpg)	Attached
Photograph 2 (jpg)	Attached

## Objectives

- 1. Enhance Collaboration Between IICs and ATLS/SICs:**
  - Establish regular communication channels between IICs, ATLS, and SICs to foster collaboration.
  - Create joint programs, workshops, and innovation challenges that involve students, mentors, and industry experts.
- 2. Develop a Structured Mentorship Framework:**
  - Identify and onboard a pool of mentors from academia, industry, and IICs to guide students in ATLS and SICs.
  - Define clear roles, responsibilities, and timelines for mentors to ensure consistent and impactful guidance.
- 3. Facilitate Knowledge Sharing and Skill Development:**



- Organize regular training sessions, webinars, and boot camps to enhance the technical and entrepreneurial skills of students and teachers in ATLS and SICs.
- Develop a repository of resources, including case studies, project ideas, and best practices, accessible to all participating schools.
- 4. **Encourage Innovation and Entrepreneurship:**
  - Promote a culture of innovation by encouraging students to take up real-world problems and develop solutions through ATLS and SICs.
  - Provide opportunities for students to pitch their ideas to IICs for potential incubation, funding, or further development.
- 5. **Monitor and Evaluate Progress:**
  - Establish a monitoring system to track the progress of the collaboration between IICs, ATLS, and SICs.
  - Regularly evaluate the effectiveness of mentorship and guidance programs, making adjustments as needed to ensure continuous improvement.
- 6. **Create a Sustainable Ecosystem:**
  - Foster long-term partnerships between schools, IICs, and industry stakeholders to ensure the sustainability of the innovation ecosystem.
  - Develop a plan for scaling successful initiatives and expanding the reach to more schools and students.
- 7. **Incorporate Feedback and Continuous Improvement:**
  - Collect feedback from students, teachers, mentors, and other stakeholders to refine the mentorship and guidance framework.
  - Implement iterative improvements based on feedback and emerging trends in education and innovation.

Strengthening linkages between Innovation and Incubation Centers (IICs) with Atal Tinkering Labs (ATLS) and School Innovation Councils (SICs) can lead to enhanced outcomes in terms of mentorship, guidance, and innovation at the school level. Below are some key outcomes that can be expected from such initiatives:

## 1. Enhanced Innovation Ecosystem in Schools

- **Outcome:** Establishment of a more robust innovation ecosystem within schools, where students are encouraged to explore, experiment, and innovate.
- **Impact:** Increased student engagement in STEM (Science, Technology, Engineering, and Mathematics) activities and projects, leading to more innovative solutions and ideas.

## 2. Improved Mentorship and Guidance

- **Outcome:** Access to better mentorship and guidance from industry experts, academicians, and innovators through IICs.
- **Impact:** Students receive more structured and relevant advice, helping them to develop their projects and ideas more effectively.

## 3. Collaborative Projects and Competitions



- **Outcome:** Opportunities for students to collaborate on projects and participate in competitions organized by IICs, ATLS, and SICs.
- **Impact:** Enhanced teamwork, problem-solving skills, and a competitive spirit among students, preparing them for future challenges.

#### 4. Increased Exposure to Real-World Challenges

- **Outcome:** Exposure to real-world challenges through problem statements provided by IICs, encouraging students to develop practical solutions.
- **Impact:** Students gain a better understanding of industry requirements and societal needs, aligning their innovations with real-world applications.

#### 5. Skill Development and Capacity Building

- **Outcome:** Focused skill development programs, workshops, and training sessions facilitated by IICs for students and teachers.
- **Impact:** Improved technical and soft skills, leading to a more capable and confident student body ready to tackle complex problems.

#### 6. Pathways to Higher Education and Career Opportunities

- **Outcome:** Creation of pathways for students to pursue higher education in innovation and entrepreneurship or to explore career opportunities.
- **Impact:** Students are better prepared for higher education and can make informed career choices aligned with their interests and skills.

#### 7. Resource Sharing and Networking

- **Outcome:** Efficient sharing of resources, such as tools, equipment, and expertise, between IICs, ATLS, and SICs.
- **Impact:** Optimized use of resources leading to more effective project development and a stronger network of innovators across institutions.

#### 8. Sustainability and Scalability of Innovations

- **Outcome:** Development of sustainable and scalable innovations through continuous support and guidance from IICs.
- **Impact:** Innovations developed by students have a greater chance of being scaled up and sustained over time, potentially leading to commercialization or further development.

#### 9. Enhanced Recognition and Visibility

- **Outcome:** Increased recognition of student innovations at regional, national, and international levels through IIC-led initiatives.



- **Impact:** Motivation for students to continue innovating, as well as increased visibility for the school's innovation programs.

## 10. Creation of a National Innovation Database

- **Outcome:** Contribution to a national database of student innovations, maintained by IICs in collaboration with ATLs and SICs.
- **Impact:** A comprehensive record of student innovations, which can be used for research, development, and further innovation activities.





Via **webex**

INSTITUTION'S INNOVATION COUNCIL  
Ministry of Education, Government of India

MoE's INNOVATION CELL  
(GOVERNMENT OF INDIA)

AMTE  
(for only Best)

MIC Driven activity

# Orientation session on ATL - IIC Linkage Program

31<sup>st</sup> July 2024

Dipan Sahu - MoE's In...

Via **webex**

lasariya

Saurabh Nagpal

IIC\_MoE'S Innov...

salvarani, MIC

Dipan Sahu - MoE's In...

MoE Innovation Cell

Abhishek Ranjan



