NITI Aayog | AIM
ATAL INNOVATION MISSION

ATAL TINKERING LAB
ACADEMIC CALENDAR

Happy Tinkering 😊

2021

Atal Tinkering Lab

APRIL

MON	TUE	WED	THU	FRI	SAT	SUN
			01	02	03	04
05	06	07	08	09	10	11
12	13	**B R Ambedkar Birth Anniversary Day/Community Day Celebration** **14**	15	16	17	18
19	20	**World Creativity and Innovation Day** **21**	22	23	24	25
World Intellectual Property Right Day **26**	27	28	29	30		

Theme of the Month
Creativity and Innovation for the Community

Modules

1. ATL Introduction Module

2. Community Day

3. Intellectual Property

Important Dates to Remember

1st – Conduct ATL Advisory Body Meeting to Plan ATL Calendar

5th – Submit Monthly Report on MyATL Dashboard/ Update ATL Dashboard
Activate GeM Account.
Procure ATL Equipment

6th – Exemplary Mentors of the Month Announcement

7th – ATL of the Month Announcement

30th – Submit ATL Wall of Fame Stories
Exemplary Teachers of Change Announcement

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2021

MAY

MON	TUE	WED	THU	FRI	SAT	SUN
31					01	02
03	04	05	06	07	08	09
10	**National Technology Day** **11**	12	13	14	15	16
World Telecommunication and Information Society Day **17**	18	19	20	21	22	23
24	25	26	27	28	29	30

Theme of the Month
Ignite the spirit of Ideation and Design

Modules
1. Design Thinking
2. Collab CAD
3. Python Learning

Important Dates to Remember

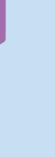**1st** – Organize IPR Day Innovations' Showcase

5th – Submit Monthly Report on MyATL Dashboard/Update ATL Dashboard

6th – Exemplary Mentors of the Month Announcement

7th – ATL of the Month Announcement

30th – Submit ATL Wall of Fame Stories

$$S_n = \frac{(a + a_n)}{2} \cdot n$$

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2021

JUNE

MON	TUE	WED	THU	FRI	SAT	SUN
	Global day of Parents Celebrations **01**	02	03	04	World Environment Day **05**	06
07	08	09	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

Theme of the Month
Time for Tinkerfest

Modules

1. Tinkerfest Bootcamp

2. Computational Thinking

Important Dates to Remember

1st – Organize Community Day Showcase

5th – Submit Monthly Report on MyATL Dashboard/ Update ATL Dashboard/ Update PFMS Dashboard

6th – Exemplary Mentors of the Month Announcement

7th – ATL of the Month Announcement

30th – Submit ATL Wall of Fame Stories GeMs of Mentor India
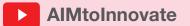
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JULY

MON	TUE	WED	THU	FRI	SAT	SUN
			01	02	03	04
05	06	07	08	09	10	11
12	13	14	World Youth Skills Day **15**	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

Theme of the Month
Pitch the Business idea

Modules
1. Business Pitch Module 👆
2. Physical Computing (IoT) 👆

Important Dates to Remember

1st – Mentor India Roundtable

5th – Submit Monthly Report on MyATL Dashboard/ Update ATL Dashboard

6th – Exemplary Mentors of the Month Announcement

7th – ATL of the Month Announcement

30th – Submit ATL Wall of Fame Stories

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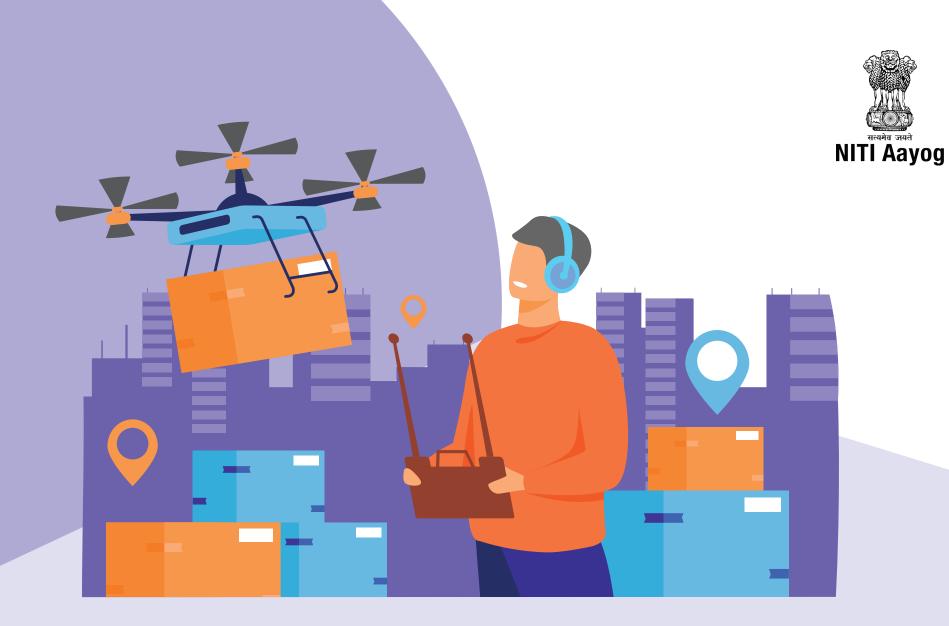Workshops, modules, publications, announcements, follow us on

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2021

AUGUST

MON	TUE	WED	THU	FRI	SAT	SUN
30	31					01
02	03	04	05	06	07	08
09	10	11	12	13	14	Independence Day **15**
16	17	18	19	20	21	22
23	24	25	26	27	28	29

Theme of the Month
Program the Prototype

Modules
1. App Development Module 👆
2. Drone Module 👆

Important Dates to Remember

1st – Organize Tinkerfest Showcase

5th – Submit Monthly Report on MyATL Dashboard/ Update ATL Dashboard

6th – Exemplary Mentors of the Month Announcement

7th – ATL of the Month Announcement

30th – Submit ATL Wall of Fame Stories School of the Month Deadline

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SEPTEMBER

MON	TUE	WED	THU	FRI	SAT	SUN
		01	02	03	04	**National Teachers' Day/ ATL Marathon Announcement** **05**
06	07	**International Literacy Day** **08**	09	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	**International Day for Universal Access to Information** **28**	29	30			

Theme of the Month
Nurture Ethics and Leadership in Tinkering

Modules
1. ELTI Module
2. Cyber Smart Module

Important Dates to Remember

5th – Submit Monthly Report on MyATL Dashboard/ Update ATL Dashboard /Update PFMS Dashboard

6th – Exemplary Mentors of the Month Announcement

7th – ATL of the Month Announcement

30th – Submit ATL Wall of Fame Stories
School of the Month Deadline

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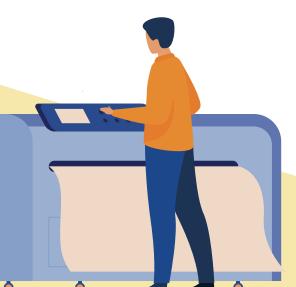Workshops, modules, publications, announcements, follow us on

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2021

OCTOBER

MON	TUE	WED	THU	FRI	SAT	SUN
				01	Gandhi Jayanti/ International Day of Non-Violence **02**	03
World Space Week Begins **04**	**05**	**06**	**07**	**08**	**09**	World Space Week Concludes **10**
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

Theme of the Month
Explore Space Dynamics and AI

Modules

1. ATL Marathon 2021: Voting

2. Space Module 👆

3. AI Base Module 👆

Important Dates to Remember

5th – Check Stock Procure ATL equipment
Submit Monthly Report on MyATL Dashboard/ Update ATL Dashboard

6th – Exemplary Mentors of the Month Announcement

7th – ATL of the Month Announcement

30th – Submit ATL Wall of Fame Stories
Exemplary Teachers of Change: Announcement

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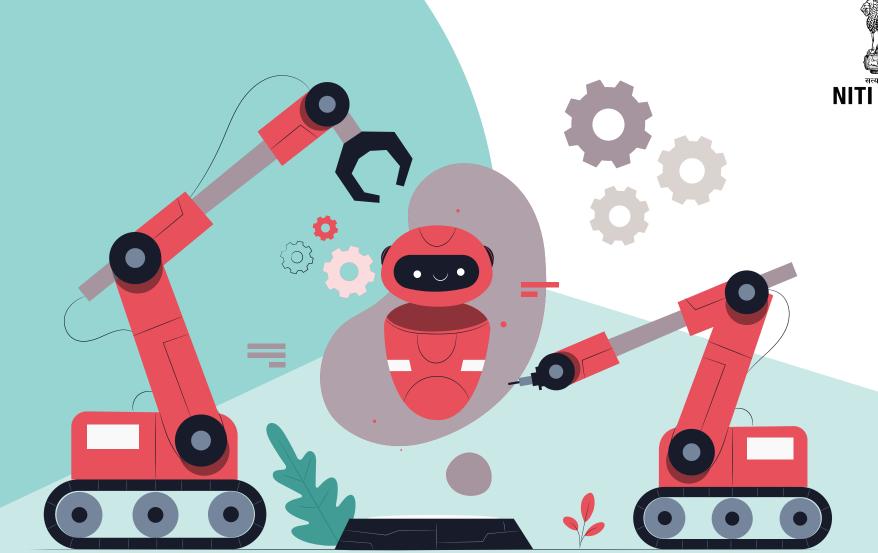Workshops, modules, publications, announcements, follow us on

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2021

NOVEMBER

MON	TUE	WED	THU	FRI	SAT	SUN
30						01
02	03	04	05	06	07	08
09	10	11	12	13	**National Children's Day** **14**	15
16	17	18	19	20	21	22
23	24	25	**Constitution Day** **26**	27	28	29

Theme of the Month
Begin the Journey for the ATL Marathon 2021
Modules

1. ATL Marathon 2021: Research

2. AI Step Up Module

3. AI Step Up Practical

Important Dates to Remember

5th – Submit Monthly Report on My ATL Dashboard/ Update ATL Dashboard

6th – Exemplary Mentors of the Month Announcement

7th – ATL of the Month Announcement

30th – Submit ATL Wall of Fame Stories

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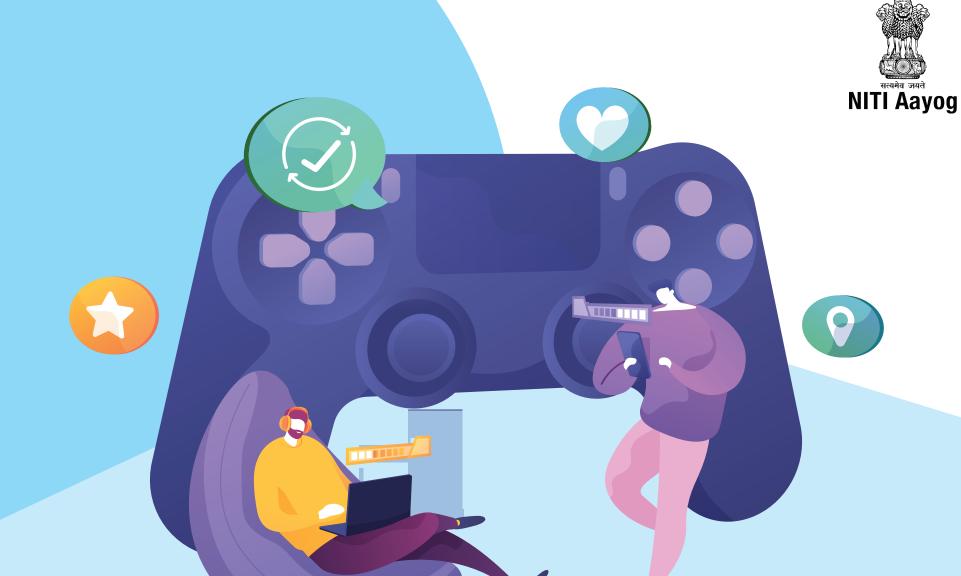Workshops, modules, publications, announcements, follow us on

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2021

Atal Tinkering Lab

DECEMBER

MON	TUE	WED	THU	FRI	SAT	SUN
	01	02	03	04	05	06
07	08	09	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	Shri A B Vajpayee's Birthday **25**	26	27
28	29	30	31			

Theme of the Month
Ideating Gaming Module

Modules
1. Gaming Module Beginners 👆
2. Gaming Module Intermediate 👆
3. Gaming Advanced Module 👆

Important Dates to Remember

5th – Submit Monthly Report on MyATL Dashboard/ Update ATL Dashboard/ Update PFMS Dashboard

6th – Exemplary Mentors of the Month Announcement

7th – ATL of the Month Announcement

30th – Submit ATL Wall of Fame Stories

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Atal Tinkering Lab

2022

JANUARY

MON	TUE	WED	THU	FRI	SAT	SUN
31					01	02
03	04	05	06	07	08	09
10	11	**Innovation Immersion Day Commemorating Vivekananda Jayanti** **12**	13	14	15	16
17	18	19	20	21	22	23
International Day of Education **24**	25	**Republic Day** **26**	27	28	29	30

Theme of the Month
ATL Marathon 2021: Be an Innovator

Modules
1. Build Marathon Prototype

Important Dates to Remember

5th - Submit Monthly Report on MyATL Dashboard/ Update ATL Dashboard

6th - Exemplary Mentors of the Month Announcement

7th - ATL of the Month Announcement

30th - Submit ATL Wall of Fame Stories Apply for the subsequent Tranche

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Atal Tinkering Lab

20 22

FEBRUARY

MON	TUE	WED	THU	FRI	SAT	SUN
	01	02	03	04	05	06
07	08	09	10	**International Day of Women and Girls in Science** **11**	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
National Science Day **28**						

Theme of the Month
Just Tinker

Modules

1. Explore New Technology

Important Dates to Remember

5th – Submit Monthly Report on MyATL Dashboard/ Update ATL Dashboard

6th – Exemplary Mentors of the Month Announcement

7th – ATL of the Month Announcement

28th – Submit ATL Wall of Fame Stories

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2022

MARCH

MON	TUE	WED	THU	FRI	SAT	SUN
	01	02	03	04	05	06
07	08	09	10	11	12	13
14	15	16	17	18	19	International Day of Happiness **20**
21	World Water Day **22**	23	24	25	26	27
28	29	30	31			

Theme of the Month
Understand ATL Operations

Modules

1. Let's Tinker! A Handbook - Guide for successful implementation of ATL

Important Dates to Remember

1st - Parkisha pe Charcha Session

5th - Submit Monthly Report on MyATL Dashboard/ Update ATL Dashboard/ Update PFMS Dashboard

6th - Exemplary Mentors of the Month Announcement

7th - ATL of the Month Announcement

30th - Submit ATL Wall of Fame Stories

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Atal Tinkering Lab
ORIENTATION BROCHURE

Dear ATL School,

Congratulations on being selected to establish an Atal Tinkering Lab (ATL)!
We welcome you to the ATL-AIM community.

Atal Tinkering Lab is an interactive workspace to inspire creativity and innovation. As you begin your journey, please go through the following points to ensure that you have an enriching learning experience:

1. ATL ESTABLISHMENT

Schools are expected to set up your ATL within 3 months from the date of receipt of ATL grant. We have created a set of ATL guidelines and ATL informational videos, that will help you in the ATL establishment process.

AIM WEBSITE

2. ATL GUIDELINES

All ATLs must follow the ATL Guidelines without fail. It is mandatory for the schools to use GeM, PFMS and MyATL dashboard for procurement, financial and operational updates respectively.

ATL GUIDELINES

3. ATL SOCIAL MEDIA

All ATLs are encouraged to create Facebook and Twitter accounts, share your ATL activities, innovation stories, tag Atal Innovation Mission, and follow us for regular updates, at:

Facebook

Twitter

YouTube

Learn How To Open Facebook Account

4. ATL TEACHER TRAINING

It is mandatory for an ATL in-charge to undergo teacher training sessions conducted by AIM, NITI Aayog and its partners. The ATLs shall be informed regularly about teacher training programs, being organized by NITI Aayog or partners, through email.

ATL TEACHER TRAINING AGENDA

5. ATL CURRICULUM

The ATL in-charge must integrate the ATL curriculum in the regular school time table.

ATL CURRICULUM RESOURCES

6. ATL ANNUAL CALENDAR OF ACTIVITIES

All ATLs are encouraged to participate in ATL-AIM activities and external innovation events.

ANNUAL CALENDAR FOR ATL ACTIVITIES

7. MyATL DASHBOARD

It is mandatory for every school to update their monthly ATL activities and submit them on the MyATL Dashboard.

MyATL DASHBOARD

8. UPDATE ATL CONTACT DETAILS

To update the contact details of the ATL schools in AIM Database, kindly log-in to the MyATL Dashboard and update the details.

9. ATL MENTOR OF CHANGE

Each ATL shall be assigned a Mentor of Change (MoC), through AIM, NITI Aayog. The details for the mentors shall be shared on the registered email address of the ATL School in-charge. The MoCs and ATL school are expected to coordinate for the Mentoring sessions for the ATL.

10. SUBSEQUENT TRANCHES OF ATL GRANT-IN-AID

All ATLs shall be evaluated on a monthly and yearly basis, using the MyATL dashboard and on-site visits. The release of subsequent funds shall be a function of the performance of an ATL. The ATL will be required to submit a Utilization Certificate, through the PFMS system to apply for subsequent tranches.

11. ATL QUERY PORTAL

In case of any queries, school may write to us through the ATL Query Portal.

ATL QUERY PORTAL

12. ATL HANDBOOK

AIM has created the ATL handbook, which captures best practices and case studies for smooth running of your ATL.

ATL HANDBOOK

13. ARTICLES TO HELP YOU UNDERSTAND THE PHILOSOPHY OF AN ATL

a. Building Grassroots Student Entrepreneurs

b. Atal Tinkering Lab (ATL): An opportunity to experience innovation in school

c. Why it is important to create and foster entrepreneurial mind-set in India's high school students

d. Unleashing The Power Of An Innovative Mind

e. Cash prize awards aren't enough to incentivize young students to Innovate

f. Finding Life's Purpose In Empowering Young Students To Innovate

g. Teachers Day 2018: Young Teachers Transforming Into Modern Age 'Gurus'

h. Digital learning and need to revamp education system