ATL CALENDAR

Your one place guide for all the
ATL activities this year

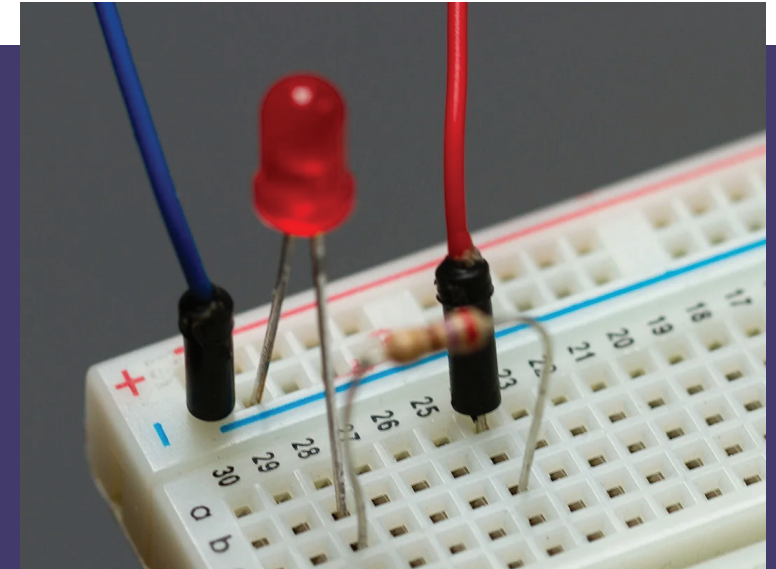## 2023-24

April

ATL CALENDAR

MON	TUE	WED	THU	FRI	SAT	SUN
					1	2
3	4	5 Update ATL Dashboard	6	7	8	9
10 Announcement- Exemplary Mentors of the Month	11	12	13	14	15	16
17	18	19	20	21 Announcement- ATL of the Month	22	23
24	25	26	27	28	29	30 Submit ATL Wall of Fame Stories

2023

Activity of the month

Build a circuit to glow an LED

Curriculum
Basic Electronics - Level 1

Tools in focus
Breadboard, LEDs and Battery

14 April - Ambedkar Jayanti - Organize Community Day Showcase
21 April - World Creativity and Innovation Day || **26 April** - World IPR Day

May

MON	TUE	WED	THU	FRI	SAT	SUN
1	2	3	4	5 Update ATL Dashboard	6	7
8	9	10 Announcement - Exemplary Mentors of the Month	11	12	13	14
15	16	17	18	19	20	21 Announcement - ATL of the Month
22	23	24	25	26	27	28
29	30 Submit ATL Wall of Fame Stories	31				

2023

Activity of the month

Design a simple 3D key chain and print it

Curriculum
Mechanics - Level 1
3D Printing - Level 1
Tools in focus
3D Printer and accessories

1 May - Launch of Tinkerpreneur **|| 11 May -** World Technology Day **|| 17 May -** World Telecommunications and Information Systems Day

Tag @AIMtoInnovate on your social media posts.
For any query – log on to ATL Query Resolution system.

FOR REGULAR UPDATES ON TRAINING
Workshops, modules, publications, announcements, follow us.

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June

MON	TUE	WED	THU	FRI	SAT	SUN
			1	2	3	4
5 Update ATL Dashboard	6	7	8	9	10 Announcement - Exemplary Mentors of the Month	11
12	13	14	15	16	17	18
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2023

Activity of the month

Build an automatic street light

Curriculum
Design Thinking - Level 1
Basic Electronics - Level 2

Tools in focus
Electronic Sensors

1 June - ATL Marathon Results Announcement **|| 5 June -** World Environment Day

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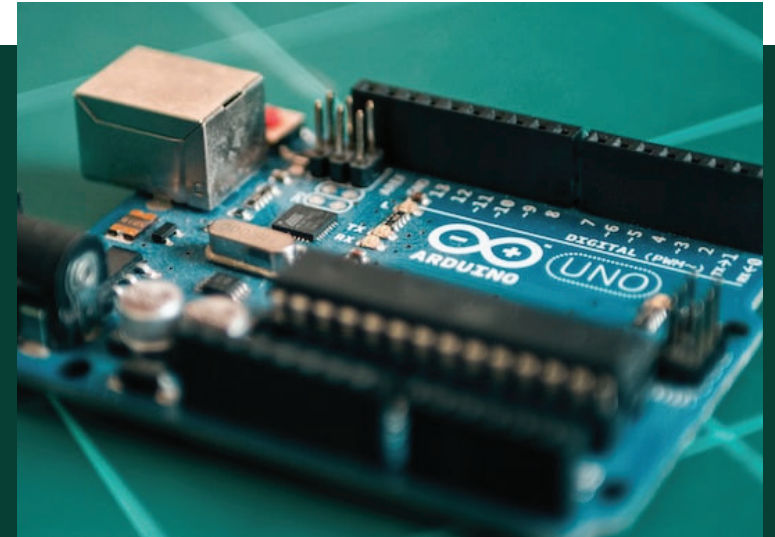Workshops, modules, publications, announcements, follow us.

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July

MON	TUE	WED	THU	FRI	SAT	SUN
					1	2
3	4	5 Update ATL Dashboard	6	7	8	9
10 Announcement - Exemplary Mentors of the Month	11	12	13	14	15	16
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31						

2023

Activity of the month

Build a circuit using Arduino to create a Light Show

Curriculum
Basic Electronics - Level 2

Tools in focus
Arduino Boards

15 July - World Youth Skills Day

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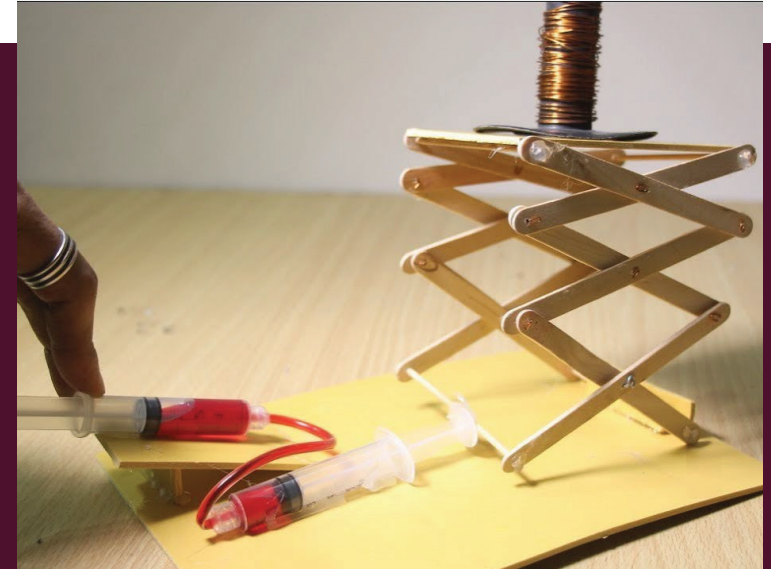Workshops, modules, publications, announcements, follow us.

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August

MON	TUE	WED	THU	FRI	SAT	SUN
	1 SIP Programme Starts	2	3	4	5 Update ATL Dashboard	6
7	8	9	10 Announcement - Exemplary Mentors of the Month	11	12	13
14	15	16	17	18	19	20
21 Announcement - ATL of the Month	22	23	24	25	26	27
28	29	30 Submit ATL Wall of Fame Stories	31			

2023

Activity of the month

Design a Hydraulic Lift

Curriculum
Mechanics - Level 2
3D Printing - Level 2

Tools in focus
Mechanical Tools
Stationery Materials

1 August - SIP Programme Starts || **15 August -** Independence Day

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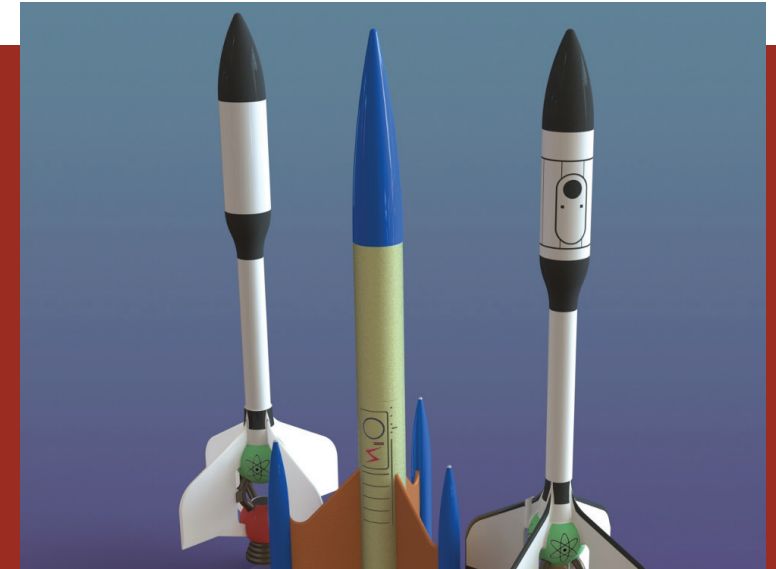Workshops, modules, publications, announcements, follow us.

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September

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MON	TUE	WED	THU	FRI	SAT	SUN
				1	2	3
4	5 — Update ATL Dashboard	6	7	8	9	10 — Announcement - Exemplary Mentors of the Month
11	12	13	14	15	16	17
18	19	20	21 — Announcement - ATL of the Month	22	23	24
25	26	27	28	29	30 — Submit ATL Wall of Fame Stories	

2023

Activity of the month

Design & 3D Print a Rocket

Curriculum
Design Thinking - Level 2
Basic Electronics - Level 3

Tools in focus
Hot Glue Gun | Soldering Iron

5 Sep - Launch of ATL Marathon || **5 Sep -** National Teachers' Day
8 Sep - International Literacy Day || **28 Sept-** Day for Universal Access to Information

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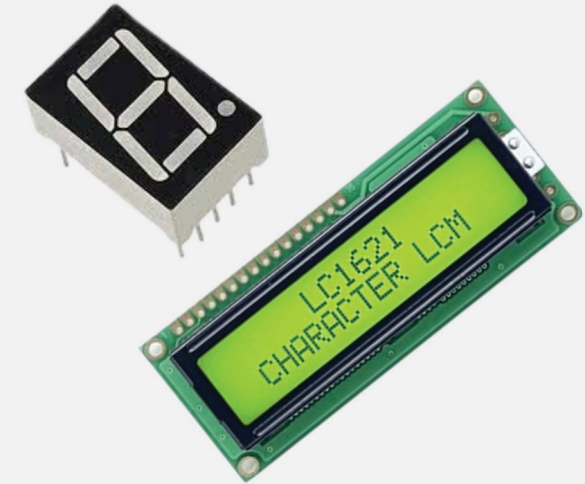Workshops, modules, publications, announcements, follow us.

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October

2023

MON	TUE	WED	THU	FRI	SAT	SUN
						1
2	3	4	5 Update ATL Dashboard	6	7	8
9	10 Announcement - Exemplary Mentors of the Month	11	12	13	14	15
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Activity of the month

Build a Counter

Curriculum
Basic Electronics - Level 3

Tools in focus
7 segment display
LCD display

2 October - Gandhi Jayanti **|| 5 October -** World Teachers' Day **|| 4 - 10 October -** World Space Week

November

MON	TUE	WED	THU	FRI	SAT	SUN
		1	2	3	4	5 Update ATL Dashboard
6	7	8	9	10 Announcement - Exemplary Mentors of the Month	11	12
13	14	15	16	17	18	19
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2023

Activity of the month

Build a Soil Moisture Monitoring System

Curriculum
Internet of Things -Level 3

Tools in focus
NodeMCU
Soil Moisture Sensor

14 November - Childrens' Day **|| 26 November -** Constitution Day

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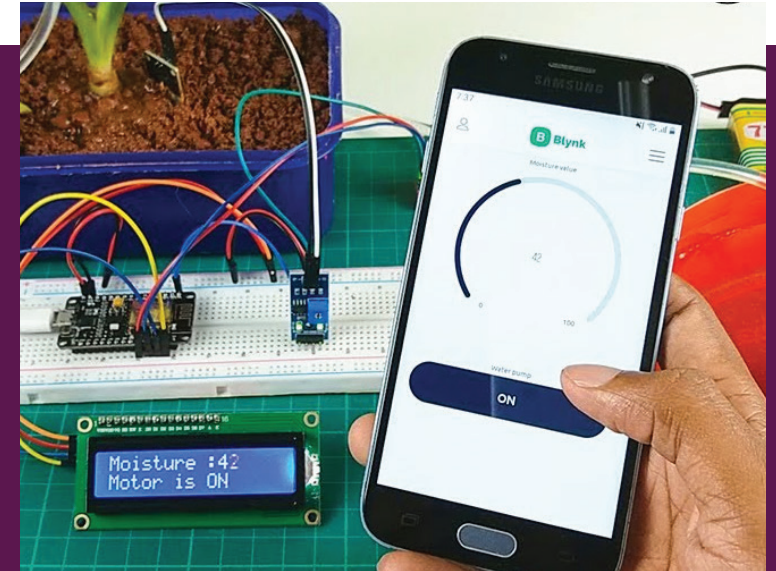Workshops, modules, publications, announcements, follow us.

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December

ATL CALENDAR

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				1	2	**3**
4	5 Update ATL Dashboard	6	7	8	9	**10** Announcement - Exemplary Mentors of the Month
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2023

Activity of the month

Design a Birdhouse

Curriculum
3D Printing - Level 3
Woodworking - Level 3

Tools in focus
Hacksaw, Hammer
Sandpaper, Screwdriver

25 December - Shri Atal Bihari Vajpayee's Birthday || Good Governance day

January

MON	TUE	WED	THU	FRI	SAT	SUN
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2024

Activity of the month

Build a Walking Robot

Curriculum
Design Thinking - Level 3

Tools in focus
Motors

12 January - Swami Vivekananda Jayanti **|| 24 January -** International Day of Education **|| 26 January -** Republic Day

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February

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26	27	28	29			

2024

Activity of the month

Build your own Drone

Curriculum
Drone Module
AI Module

Tools in focus
Drone Kit

11 February - International Day of Women and Girls in Science **|| 28 February -** National Science Day

March

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					1	2
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2024

Activity of the month

Design a Digital Doodle App

Curriculum
Gaming Module
App Development Module

Tools in focus
MIT App Inventor, Scratch

20 March - International Day of Happiness || **22 March -** World Water Day

Resources

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:

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

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

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

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

UNBOX TINKERING TEACHER TRAINING MODULE

ATL Curriculum

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

ATL CURRICULUM RESOURCES

AIoT Integration in Curriculum

The compendium is a collection of lesson plans on how AIoT integration can be used to enhance learning in a classroom

AIoT Integration in Curriculum

MyATL Dashboard

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

MyATL DASHBOARD	

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.

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.

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.

ATL Query Resolution System

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

ATL QUERY PORTAL	

ATL Handbook

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

ATL HANDBOOK	

ATL Sarthi

ATL Sarthi provides tools and support to schools to adopt a self-monitoring approach for better and continuous performance.

ATL Sarthi	