

# ATAL TINKERING LAB ACADEMIC CALENDAR

## 2022-23

< HAPPY TINKERING >



# April

## IMPORTANT DATES TO REMEMBER

14

**B R Ambedkar Birth Anniversary Day/ Community Day Celebration**

21

**World Creativity and Innovation Day**

26

**World Intellectual Property Right Day**

## Theme of the Month

**CREATIVITY AND INNOVATION FOR THE COMMUNITY**

### MODULES

ATL Introduction Module  
Community Day  
Intellectual Property



S	M	T	W	T	F	S
					01 PLAN ATL CALENDAR	02
03	04	05 UPDATE ATL DASHBOARD AND SUBMIT REPORT	06	07 ANNOUNCEMENT OF ATL OF THE MONTH	08	09
10 ANNOUNCEMENT OF EXEMPLARY MENTORS OF THE MONTH	11	12	13	14 ORGANIZE COMMUNITY DAY SHOWCASE	15	16
17	18	19	20	21	22	23
24	25	26 ORGANIZE IPR DAY INNOVATIONS' SHOWCASE	27	28	29 ANNOUNCEMENT OF EXEMPLARY TEACHERS OF CHANGE	30 SUBMIT ATL WALL OF FAME STORIES



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# May

## IMPORTANT DATES TO REMEMBER

11

National Technology Day

17

World Telecommunication and Information Society Day

## Theme of the Month

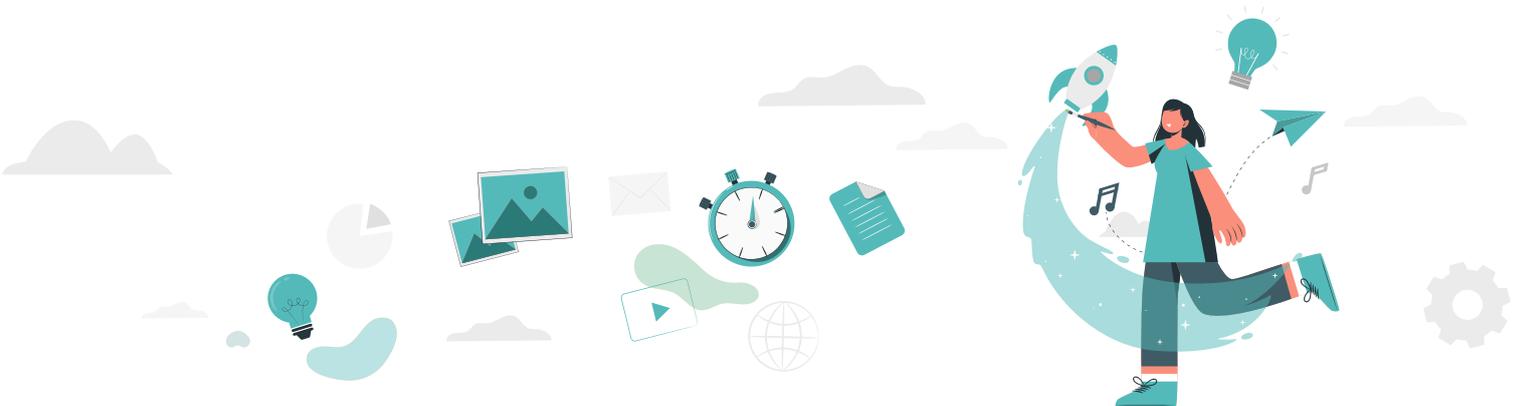
IGNITE THE SPIRIT OF IDEATION AND DESIGN

### MODULES

Design Thinking  
Collab CAD  
Python Learning



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# June

## IMPORTANT DATES TO REMEMBER

01

Global day of Parents Celebrations

05

World Environment Day

## Theme of the Month

### TIME FOR TINKERFEST

### MODULES

Tinkerfest Bootcamp  
Computational Thinking



S	M	T	W	T	F	S
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05 UPDATE ATL DASHBOARD AND SUBMIT REPORT/ UPDATE PFMS DASHBOARD	06	07 ANNOUNCEMENT OF ATL OF THE MONTH	08	09	10 ANNOUNCEMENT OF EXEMPLARY MENTORS OF THE MONTH	11
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26	27	28	29	30 SUBMIT ATL WALL OF FAME STORIES/ ANNOUNCEMENT OF GEMS OF MENTOR INDIA		



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# July

IMPORTANT DATES TO REMEMBER

15

World Youth Skills Day

## Theme of the Month

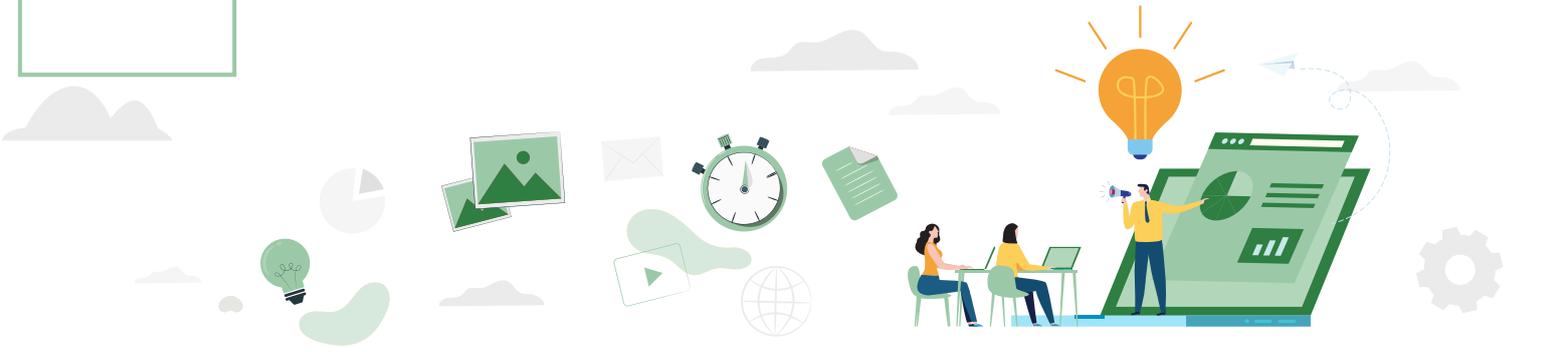
PITCH THE BUSINESS IDEA

### MODULES

Business Pitch Module  
Physical Computing (IoT)



S	M	T	W	T	F	S
					01 ORGANIZE TINKERFEST SHOWCASE	02
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# August

IMPORTANT DATES TO REMEMBER

15

Independence Day

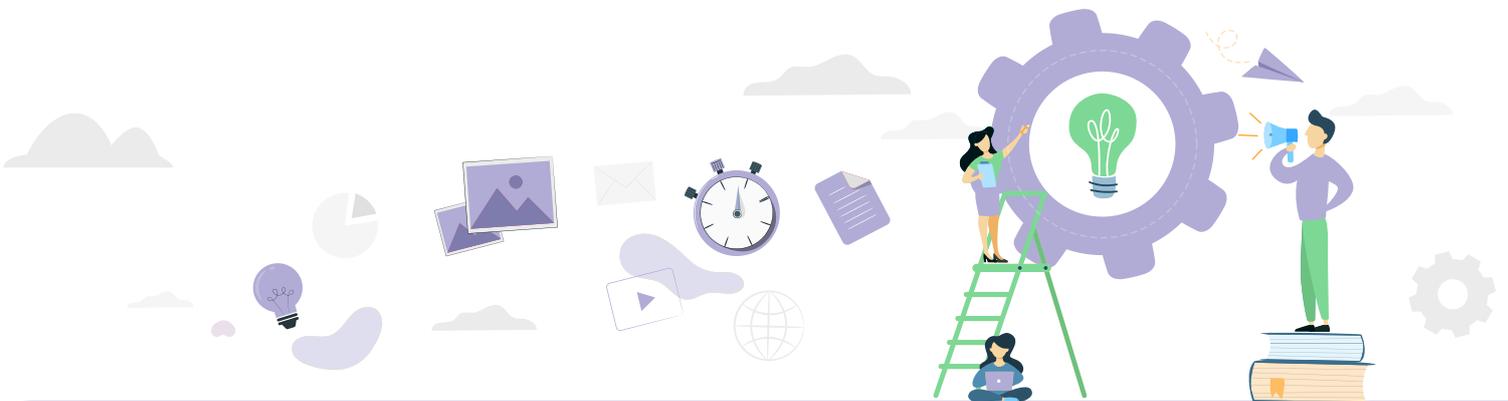
## Theme of the Month

PROGRAM THE PROTOTYPE

### MODULES

App Development Module  
Drone Module

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# September

IMPORTANT DATES TO REMEMBER

05

National Teachers' Day/  
ATL Marathon Announcement

08

International Literacy Day

28

International Day for Universal  
Access to Information

## Theme of the Month

**NURTURE ETHICS AND  
LEADERSHIP IN TINKERING**

### MODULES

ELTI Module  
Cyber Smart Module



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# October

## IMPORTANT DATES TO REMEMBER

02

Gandhi Jayanti/ International Day of Non-Violence

04-10

World Space Week

## Theme of the Month

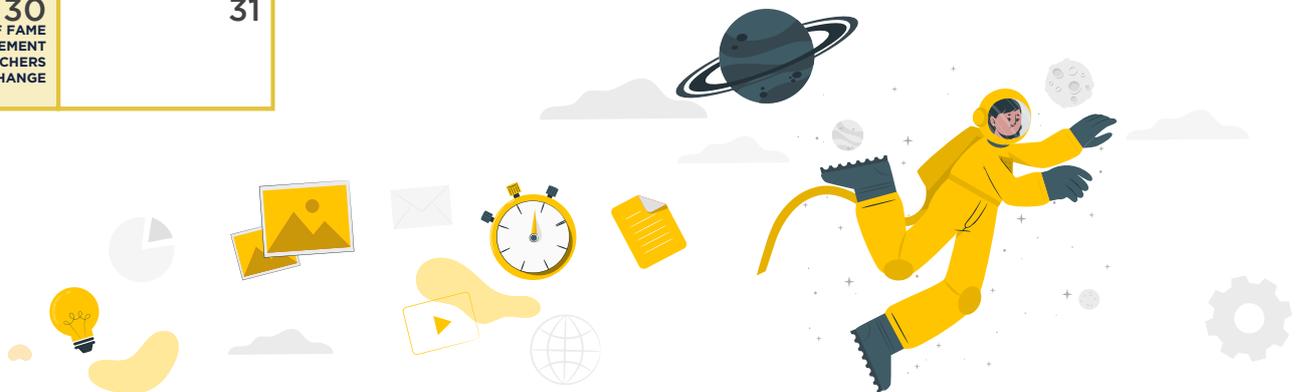
EXPLORE SPACE DYNAMICS AND AI

### MODULES

ATL Marathon 2022 Voting  
Space Module  
AI Base Module



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# November

IMPORTANT DATES TO REMEMBER

14

National Children's Day

26

Constitution Day

## Theme of the Month

**BEGIN THE JOURNEY FOR THE ATL MARATHON**

### MODULES

ATL Marathon 2022: Research  
AI Step Up Module  
AI Step Up Practical



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# December

IMPORTANT DATES TO REMEMBER

25

Shri Atal Bihari Vajpayee's Birthday

## Theme of the Month

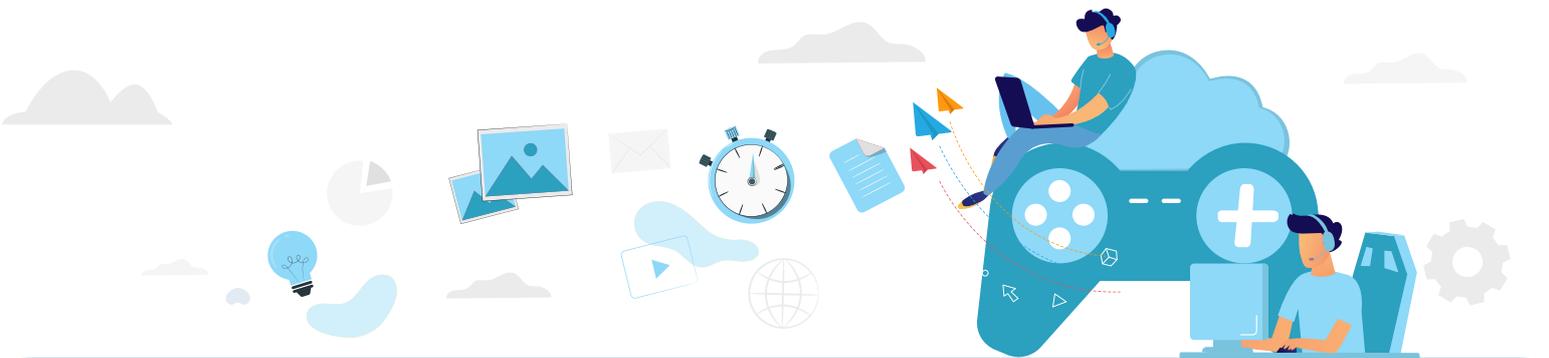
IDEATING GAMING MODULE

### MODULES

- Gaming Module Beginner
- Gaming Module Intermediate
- Gaming Advanced Module



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# January

IMPORTANT DATES TO REMEMBER

12

**Innovation Immersion Day  
Commemorating  
Vivekananda Jayanti**

24

**International Day of Education**

26

**Republic Day**

## Theme of the Month

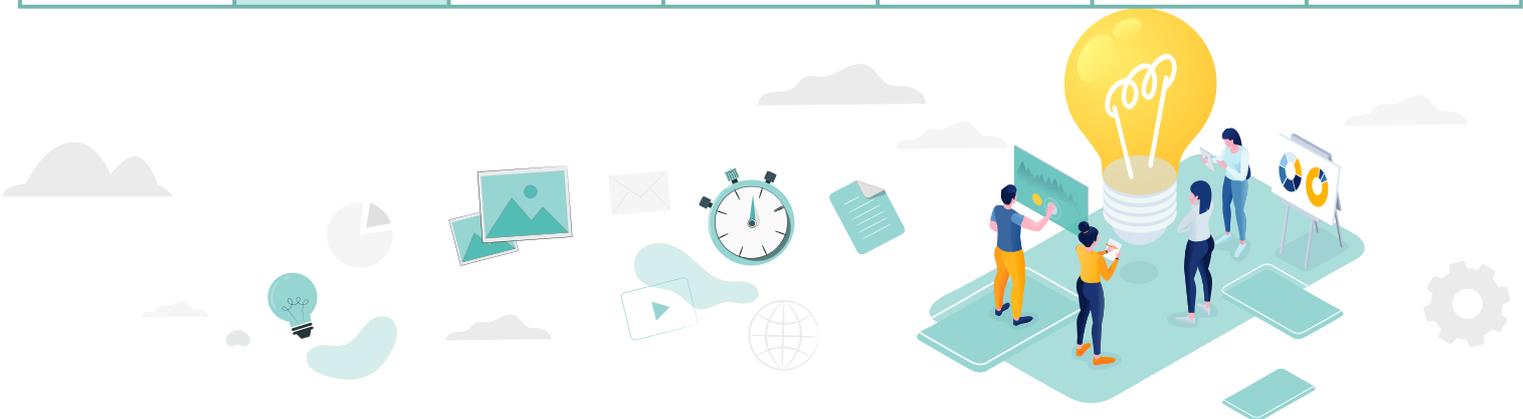
**ATL MARATHON 2022: BE AN INNOVATOR**

### MODULES

Build Marathon Prototype



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# February

IMPORTANT DATES TO REMEMBER

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International Day of Women and Girls in Science

28

National Science Day

## Theme of the Month

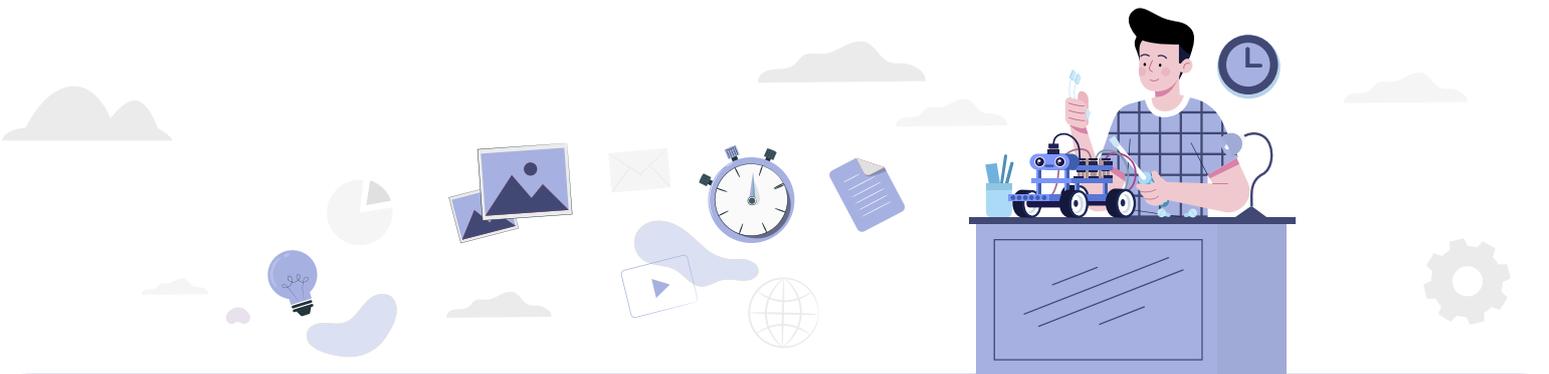
JUST TINKER

### MODULES

Explore New Technology



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# March

## IMPORTANT DATES TO REMEMBER

20

International Day of Happiness

22

World Water Day

## Theme of the Month

UNDERSTAND ATL OPERATIONS

### MODULES

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



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# 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

