



Happy Tinkering



Atal Tinkering Lab

Academic Calendar

April 2020 - March 2021

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.



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.






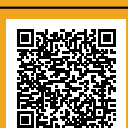
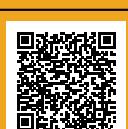



12. ATL HANDBOOK:

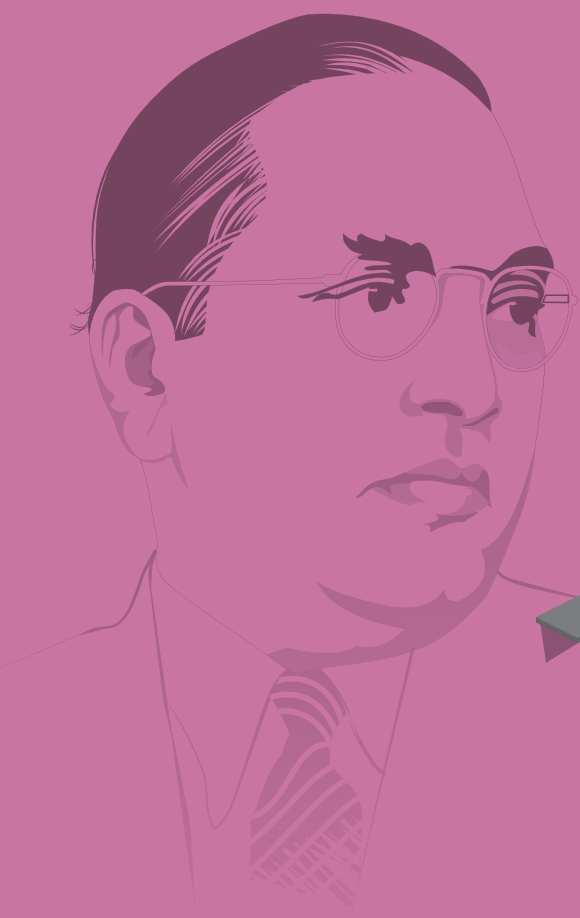
AIM has created the ATL handbook, which captures best practices and case studies for smooth running of your ATL.



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

- Building Grassroots Student Entrepreneurs 
- Atal Tinkering Lab (ATL): An opportunity to experience innovation in school 
- Why it is important to create and foster entrepreneurial mind-set in India's high school students 
- Unleashing The Power Of An Innovative Mind 
- Cash prize awards aren't enough to incentivize young students to Innovate 
- Finding Life's Purpose In Empowering Young Students To Innovate 
- Teachers Day 2018: Young Teachers Transforming Into Modern Age 'Gurus' 
- Digital learning and need to revamp education system 





Atal Tinkering Lab

2020





APRIL

MON	TUE	WED	THU	FRI	SAT	SUN
		01	02	03	04	05
Exemplary Mentors of the Month Awards 06	ATL of the Month Awards 07	08	09	10	11	12
13	ATL Community Day 14	15	16	17	18	19
20	21	22	23	24	25	World Intellectual Property Day 26
27	28	29	30			

Learning Themes

1. ATL Introduction Module 
2. ATL 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 
- 30th - Submit ATL Wall of Fame Stories 
- 30th - Submit Mentor Session Reports on Innonet Portal 



Happy Tinkering 😊

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Atal Tinkering Lab

2020




MAY

MON	TUE	WED	THU	FRI	SAT	SUN
		Exemplary Mentors of the Month	ATL of the Month	01	02	03
04	05	06	07	08	09	10
National Technology Day 11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

Learning Themes

1. ATL Tinkerfest 
2. Ideation 

Important Dates to Remember

- 5th - Submit monthly report on MyATL Dashboard 
- 30th - Submit ATL Wall of Fame Stories 
- 30th - Submit Mentor Session Reports on Innonet Portal 



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2020

JUNE

MON	TUE	WED	THU	FRI	SAT	SUN
01	02	03	04	05	06 <small>Exemplary Mentors of the Month</small>	07 <small>ATL of the Month</small>
08	09	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30 <small>Wall of Fame Gems of Mentor India</small>					

Learning Themes

1. ATL Tinkerfest



2. Design Thinking



Important Dates to Remember

Any Day - Organise Tinkerfest Showcase Day



5th - Submit monthly report on MyATL Dashboard



15th - Update PFMS Dashboard



30th - Submit ATL Wall of Fame Stories



30th - Submit Mentor Session Reports on Innonet Portal



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JULY

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

Learning Themes

1. Computational Thinking 
2. 3D modeling and printing 

Important Dates to Remember

- Any Day** - Organise Tinkerfest Showcase Day 
- 5th** - Submit monthly report on MyATL Dashboard 
- Any Day** - Mentor India Roundtable 
- 30th** - Submit ATL Wall of Fame Stories 
- 30th** - Submit Mentor Session Reports on Innonet Portal 



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2020



AUGUST

MON	TUE	WED	THU	FRI	SAT	SUN
31					01	02
03	04	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





Launch of School of the Month Challenge

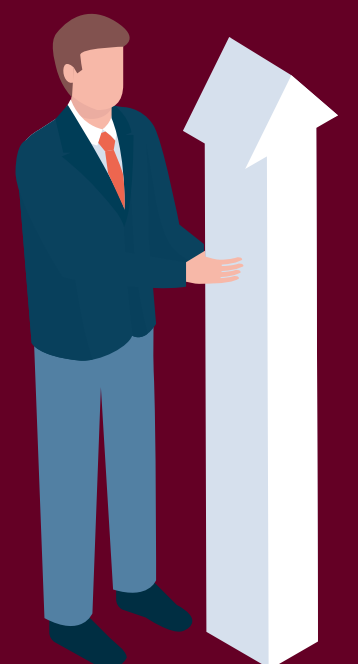
ATL of the Month

Learning Themes

1. Physical Computing 
2. CollabCAD 

Important Dates to Remember

- 5th - Submit monthly report on MyATL Dashboard 
- 30th - School of the Month deadline 
- 30th - Submit ATL Wall of Fame Stories 
- 30th - Submit Mentor Session Reports on Innet Portal 



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2020

SEPTEMBER

MON	TUE	WED	THU	FRI	SAT	SUN
	01	02	03	04	05 Teacher's Day Celebrations	06 Exemplary Mentors of the Month
07 ATL of the Month	08	09	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30 Wall of Fame Teachers of Change				

Learning Themes

1. Ethical Leadership in Tinkering and Innovation (ELTI) Module



Important Dates to Remember

5th - Submit monthly report on MyATL Dashboard



15th - Update PFMS Dashboard



30th - Submit Mentor Session Reports on Innonet Portal



30th - Submit ATL Wall of Fame Stories



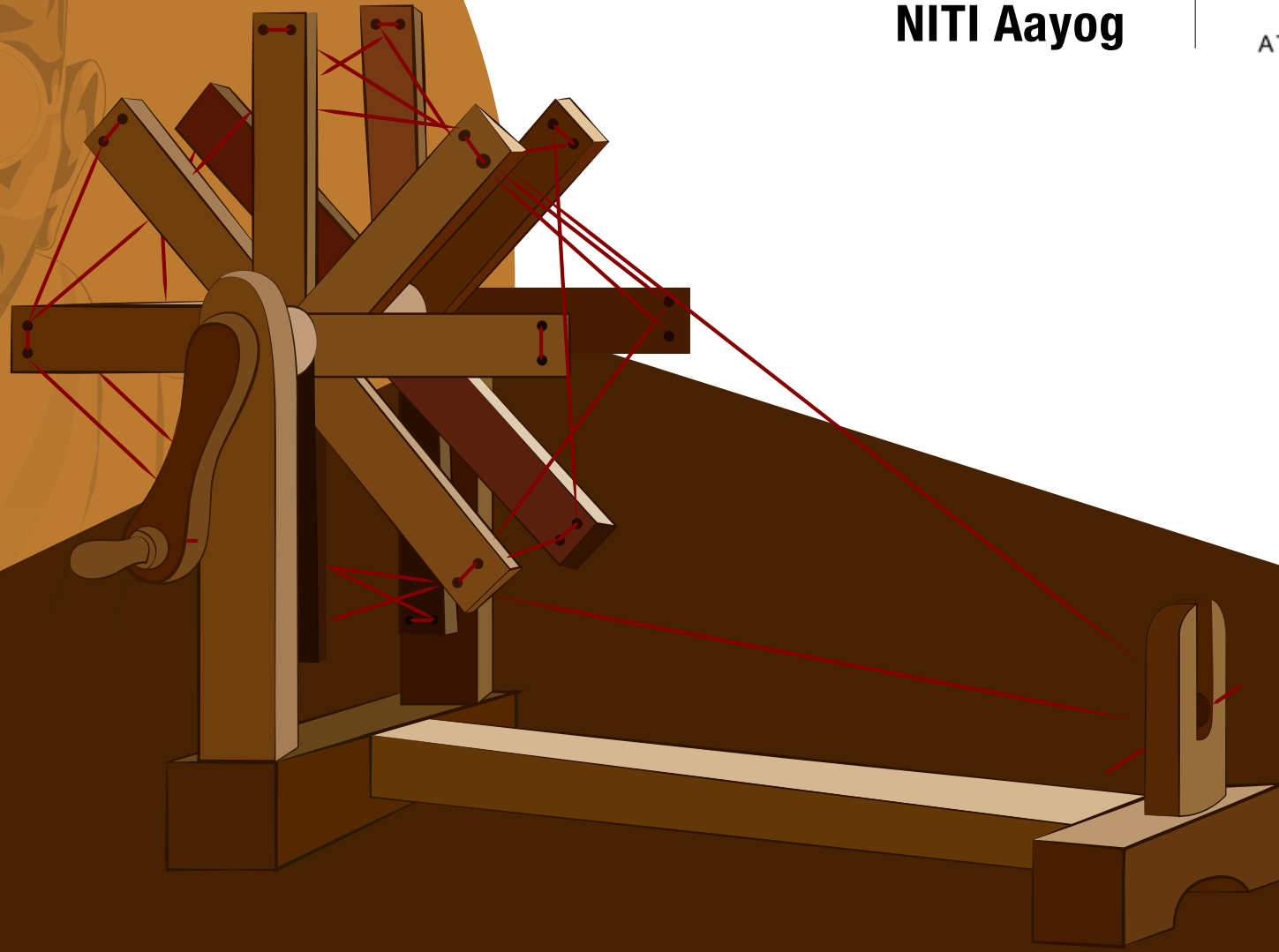
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2020

OCTOBER

MON	TUE	WED	THU	FRI	SAT	SUN
			01	02 <small>Launch of the Gandhian Challenge</small>	03	04
05	06 <small>Exemplary Mentors of the Month</small>	07 <small>ATL of the Month</small>	08	09	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

Learning Themes

1. Drone Module



Important Dates to Remember

- 5th - Check Stock
Procure ATL equipment



- 5th - Submit monthly report on MyATL Dashboard



- 30th - Submit ATL Wall of Fame Stories



- 30th - Submit Mentor Session Reports on Innonet Portal



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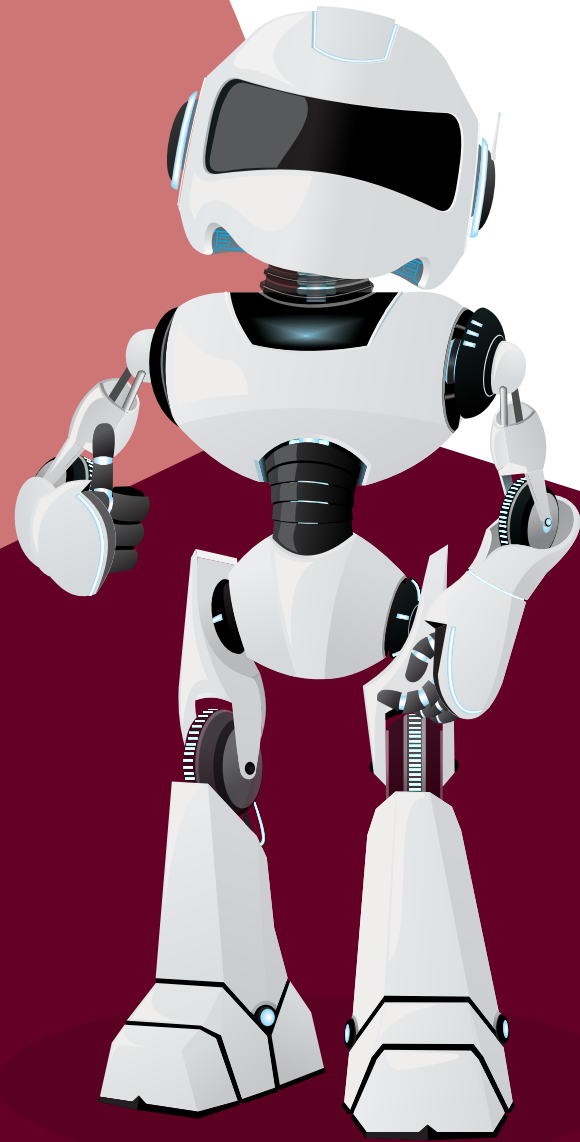
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2020

NOVEMBER

MON	TUE	WED	THU	FRI	SAT	SUN
30						Launch of ATL Marathon 01
02	03	04	05	Exemplary Mentors of the Month 06	ATL of the Month 07	08
09	10	11	12	13	Children's Day celebration 14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29

Learning Themes

1. ATL Marathon



Important Dates to Remember

5th - Submit monthly report on MyATL Dashboard



30th - Submit ATL Wall of Fame Stories



30th - Submit Mentor Session Reports on Innonet Portal



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2020

DECEMBER

MON	TUE	WED	THU	FRI	SAT	SUN
	01	02	03	04	05	06 <small>Exemplary Mentors of the Month</small>
07 <small>ATL of the Month</small>	08	09	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30 <small>Wall of Fame Gems of Mentor India</small>	31			

Learning Themes

1. AI-Base Module



Important Dates to Remember

- 5th - Submit monthly report on MyATL Dashboard



- 30th - Submit ATL Wall of Fame Stories



- 15th - Update PFMS Dashboard



- 30th - Submit Mentor Session Reports on Innonet Portal



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Atal Tinkering Lab

2021

JANUARY

MON	TUE	WED	THU	FRI	SAT	SUN
				01	02	03
04	05 Innovation Immersion Day commemorate Vivekananda Jayanti	06 Exemplary Mentors of the Month	07 ATL of the Month	08	09	10
11	12	13	14	15	16	17
18	19	20	21	22	23 Apply for subsequent tranche	24
25	26	27	28	29	30	31

Learning Themes

1. Space Module



Important Dates to Remember

5th - Submit monthly report on MyATL Dashboard



30th - Submit ATL Wall of Fame Stories



30th - Submit Mentor Session Reports on Innonet Portal



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2021

FEBRUARY

MON	TUE	WED	THU	FRI	SAT	SUN
01	02	03	04	05	06 <small>Exemplary Mentors of the Month</small>	07 <small>ATL of the Month</small>
08	09	10	11	12	13	14
15	16	17	18	19	20	21 <small>National Science Day Celebrations</small>
22	23	24	25	26	27	28

Learning Themes

1. Gaming Module



Important Dates to Remember

5th - Submit monthly report on MyATL Dashboard



30th - Submit ATL Wall of Fame Stories



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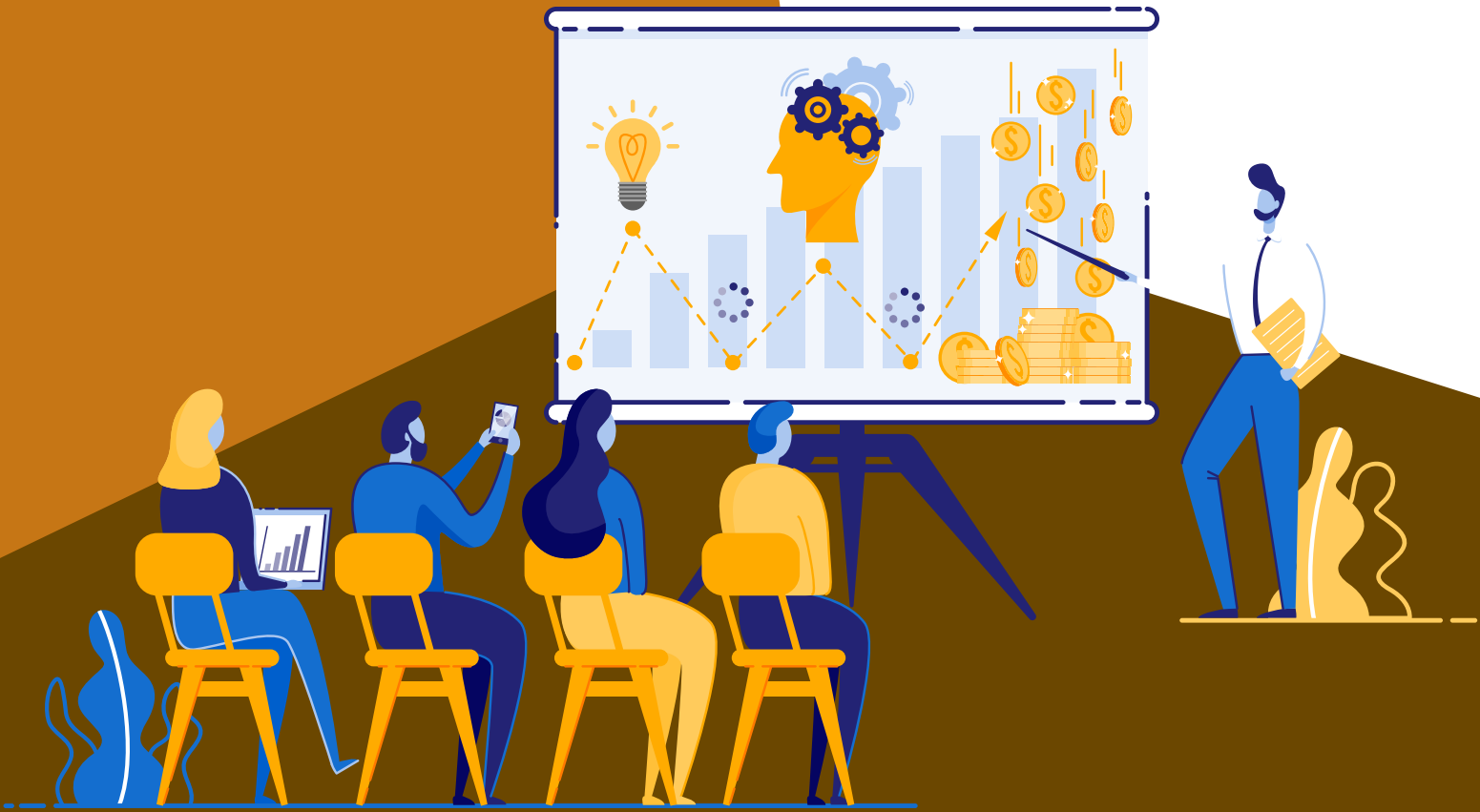
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Atal Tinkering Lab

2021

MARCH

MON	TUE	WED	THU	FRI	SAT	SUN
01	02	03	04	05	06 <small>Exemplary Mentors of the Month</small>	07 <small>ATL of the Month</small>
08	09	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30 <small>Wall of Fame Teachers of Change</small>	31				

Learning Themes

1. Creating Business Pitch



Important Dates to Remember

- 5th - Submit monthly report on MyATL Dashboard



- 15th - Update PFMS Dashboard



- 30th - Submit ATL Wall of Fame Stories



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