



Module II - IDEATION

Learning Objective	Learning Outcome
<ul style="list-style-type: none">To introduce students to the concept of ideationTo encourage them to think out of the box, look at the world around them, identify problems and think of potential solutions	<ul style="list-style-type: none">Would have started to think over and above the everyday activitiesWould know how to generate multiple ideas to solve one problem statement

About Ideation

“Ideation is the creative process of generating, developing, and communicating new ideas. These ideas can be understood as a basic element of thought that can be [visual](#), [concrete](#), or [abstract](#).”

“The process of coming up with an idea that can be turned into something valuable is called ideation.”

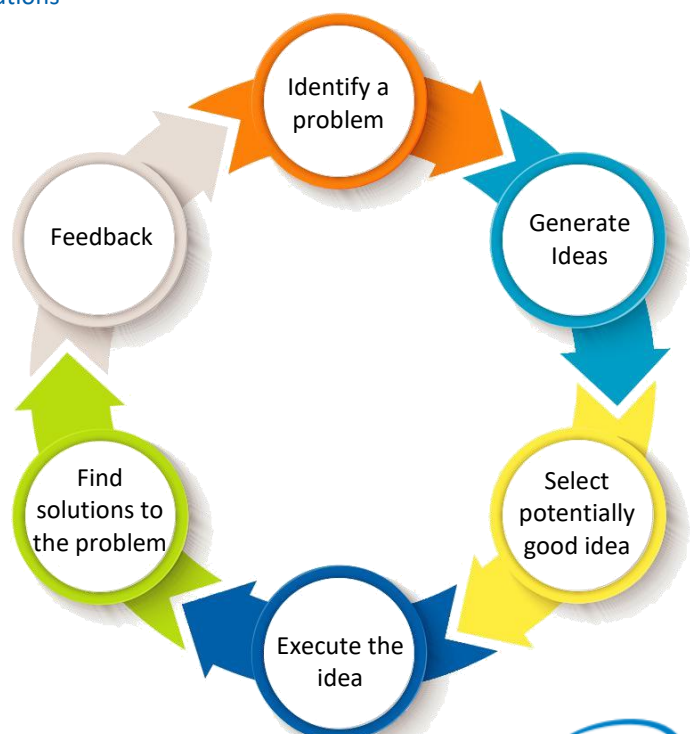
These are some of the simplest definitions for Ideation on the internet. For our purposes, we can further simplify it as:

[Ideation is the first step towards tinkering - this is the step where a student will/should start thinking - about a new idea, a new concept, or a new solution to an existing or new problem.](#)

The whole idea is to start thinking. Once the students become responsive and start sharing ideas, ask them to concentrate on, and identify one problem statement - any problem/issue that they would like to work on.

This, in brief, is the entire process of Ideation –
[Identify a problem statement - look for probable solutions](#)

Keep this as your mantra and get going!



Resources

To get some more inspiration, you may refer to the following:

Brief Description	Resource URL
Some interesting and inspiring inventions and discoveries	https://www.youtube.com/watch?v=Qoo7_9uRDbM&sns=em
	https://www.youtube.com/watch?v=ohM1TfpEQmc&sns=em
	http://www.ndtv.com/video/tech/india-innovates/indian-geniuses-showcase-innovations-for-digital-india-395453
	https://www.youtube.com/watch?v=h2VmkM5nXE&sns=em
	https://www.youtube.com/watch?v=t0R0Xr0e-uk&sns=em
https://www.youtube.com/watch?v=OO5qDJ58uMo&sns=em	
https://yourstory.com/2015/06/indian-innovators-book/	
Driving Innovation with the Internet of Things: What Can You Do? See how the Internet of Things (IoT) is driving innovation—from smart cities, homes, and classrooms to energy and pollution management, interactive shopping, and wearable devices, Intel is developing new services and connecting the world.	http://www.intel.com/content/www/us/en/internet-of-things/videos/iot-shenzen-global-video.html