



## Curriculum: Beginner

Lecture	Topics	Project
Excel	Introduction to excel	Data Analytics
Python	Basics, Arithmetic, Loops	Calculator
Python		Chatbot
Python		Hangman Game
Python	Libraries	Alarm Clock
AI	Supervised	linear regression system
AI		Image recognition system
AI	Unsupervised	Weather prediction
AI		Stock price prediction
Aerospace	Aero-plane commercial	Working mechanism, Design, systems & Subsystems of the Aero-plane
Aerospace	Engine	Working mechanism & Design, Systems & Subsystems of Jet engines
Aerospace	Drone	Designing a drone from the scratch & Introduction to Autopilot
Aerospace	Rocket	Working mechanism & Design, Systems & Subsystems of Jet engines
Website	HTML & CSS	Making a website from the scratch
Website		Making a website from the scratch
Website	Bootstrap	Website Development using Bootstrap
Website		Creating Server & Website Hosting

Java Script	Basics	Basics of JavaScript
Java Script	Canvas	Drawing, Flag, A working Clock
Java Script	Screensavers	Animation
Java Script	2D Games	Making a Pin Ball Game
Defense tech	Artillery	Introduction to the bullet proof jacket, Surface to Air & Air to Air Missiles
Defense tech	Defense electronic-warfare system	Introduction to submarine, Jammer, & Radar
Robotics	Sensors, and Introduction to Arduino	Making a circuit to control a LED using the ARDUINO, Introduction to sensors
Robotics	Using Arduino, servos & sensors	Making a collision avoidance robot from the scratch
Robotics	Making home appliances automatic	Automatic room lightening system using a Microcontroller
Robotics	Simulation	Simulating various IOT projects using online platforms
Virtual reality/ 3D hologram	Introduction	Virtual Reality APP
Virtual reality/ 3D hologram	Making a Game	3D Game
Mobile APP Development	Android	Messaging App, Currency Converter
Mobile Game Development	Android	Basketball, Firefly-1