



GOVERNMENT OF PUDUCHERRY
DEPARTMENT OF SCIENCE, TECHNOLOGY AND ENVIRONMENT
PUDUCHERRY COUNCIL FOR SCIENCE AND TECHNOLOGY
DR. ABDUL KALAM SCIENCE CENTRE AND PLANETARIUM

INNOVATION HUB

REPORT ON THE ACTIVITIES OF THE INNOVATION HUB SEPTEMBER - 2024





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Monthly Activity report of the Innovation Hub

September – 2024

1. Visit of Secretary (Science , Technology & Environment) to Government of Puducherry

Students did basic science projects under the subject of Physics, Chemistry, Bio-science, Mathematics, Electronics, Tod-phod-Jhod and built from Scrap. Discussion about projects, Activity of Craft work, Tod- Phod-Jod, Electrical & Electronics, Paragliding Working principle, Chemical Reactions, Circuit Board Soldering work, Classes on Working principle of Light duty Lathe. The activities of the Innovation Hub was briefed to the Secretary to Government during his visits to the Innovation Hub on 11.09.2024.





SEPTEMBER MONTH ACTIVITY -I

Name of the Activity : Tod-Phod- Jod.

Class Take on : 01/09/2024.



Objective of the Activities:

In this class, by dismantling the fan and their components they tried to find the issues in the table fan and also, they reassembled it.

SPETEMBER MONTH ACTIVITY -II

Name of the Activity : Craft Work.

Class Take on : 08/09/2024.



Objective of the Activities:

In this session, Innovation Hub students did craft work from waste materials by using different colour papers, charts, newspapers and cardboard.

SEPTEMBER MONTH ACTIVITY -III

Name of the Activity : Electrical & Electronics.

Class Take on : 08/09/2024.



Objective of the Activities:

In this class Innovation Hub students came to know about Cathode Ray oscilloscope (CRO), tried to generate wave in Half Wave Rectifier after connected to the required components.

SPETEMBER MONTH ACTIVITY -IV

Name of the Activity : Para gliding working principle.

Class Take on : 15/09/2024.



Objective of the Activities:

In this class, Innovation Hub students came to know about paragliding, the principle behind it and the fuel used in the para gliding.

SEPTEMBER MONTH ACTIVITY -V

Name of the Activity : Chemical Reactions.

Class Take on : 15/09/2024.



Objective of the Activities:

In this class, Innovation Hub students learnt to do many chemical reactions practically such as Double Displacement reaction, Neutralization Reaction, Single Displacement reaction and Reduction Reaction were practiced.

SEPTEMBER MONTH ACTIVITY -VI

Name of the Activity : Craft Work.

Class Take on : 22/09/2024.



Objective of the Activities:

In this session, many students were interested in doing craft by using waste Woollen threads, glue, colour paints and charts they did some small dolls during this sessions.

SEPTEMBER MONTH ACTIVITY -VII

Name of the Activity : Chemical Reactions.

Class Take on : 22/09/2024.



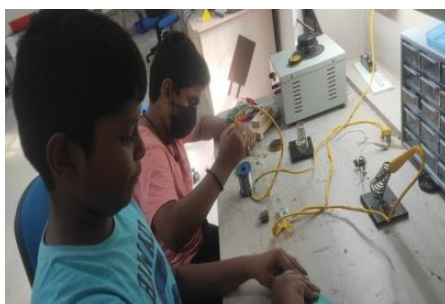
Objective of the Activities:

In this class, Innovation Hub students learnt to do many chemical reactions practically such as Double Displacement reaction, Neutralization Reaction, Single Displacement reaction and Reduction Reaction were practiced.

SEPTEMBER MONTH ACTIVITY -VIII

Name of the Activity : Circuit board Soldering work.

Class Take on : 22/09/2024.



Objective of the Activities:

In this class, Innovation Hub students by taking circuit board in scrab they done soldiering work, in order to sort out the issues and also the working condition was checked.

SEPTEMBER MONTH ACTIVITY -VIII

Name of the Activity : Classes on working principle of Light Duty Lathe.

Class Take on : 29/09/2024.



Objective of the Activities:

In this class, Innovation Hub students came to know about working principle of Light Duty Lathe Machine, its types and the various industrial applications.

SEPTEMBER MONTH ACTIVITY -IX

Name of the Activity : Demonstration of Bench Grinder.

Class Take on : 29/09/2024.



Objective of the Activities:

In this class, Innovation Hub students came to know about demonstration of Bench Grinder and the industrial application behind the bench grinder and also its various types.

Public & Students Visiting the Innovation Hub during the Month of September -2024

During the month of September 2024, totally 449 Students visited Ination Hub from different schools of Puducherry. The students were informed about the various activities of the Innovation Hub.

