

Report on Climate Hackathon Challenge - ideas and actions to save the world

Date: 28.10.2022

Time : 9 am to 3 pm

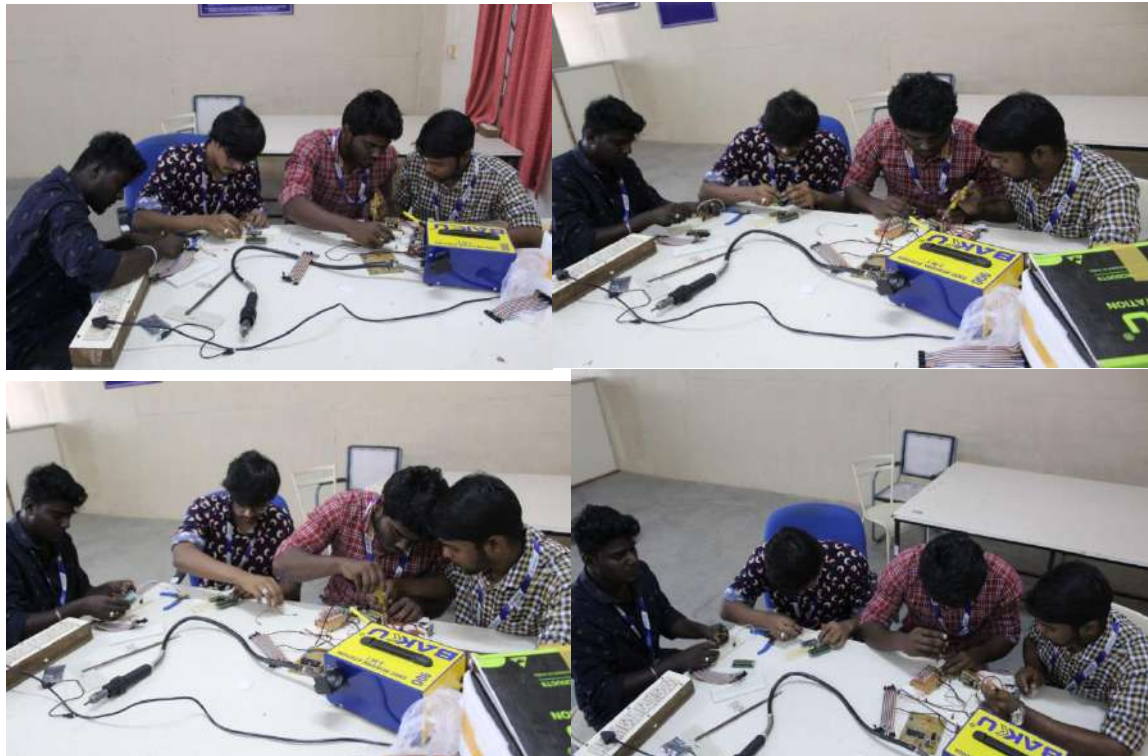
The Department of Electrical and Electronics Engineering in association with AVIT Aadhavan Energy Swaraj club organized a climate hackathon challenge on 28.10.2022

Climate Hackathon Challenge No: 1

Title of the challenge :Build a Climate Clock

The **Climate Clock** is a graphic to demonstrate how quickly the planet is approaching 1.5 °C of global warming, given current emissions trends. It also shows the amount of CO₂ already emitted, and the global warming to date. The Climate Clock was launched in 2015 to provide a measuring stick against which viewers can track climate change mitigation progress. The date shown when humanity reaches 1.5°C will move closer as emissions rise, and further away as emissions decrease. The clock is updated every year to reflect the latest global CO₂ emissions trend and rate of climate warming.

The students of AVIT actively worked to do the hardware digital climate clock to reflect the latest global CO₂ emissions.



Climate Hackathon Challenge No: 2

Title of the challenge :What industries should do to mitigate climate change?

Industries place an important role in climate change because its emit a large amount of co2 and greenhouse gases and it consume significant amount of energy by migrating industries we can reduce the climate change .

The Computer Science and Engineering department organised this challenge in an effective way. The students of all Engineering discipline submitted their ideas as posters and one page write up



Climate Hackathon Challenge No: 3

Title of the challenge:What academic institutions should do to mitigate climate change?

If a chance came in academy institution its changes the young mind set regulating to the climate change in worst level because in institution the students are from multi-cultural and multi-level so its give idea about climate change.

The Electronics and Communication Engineering department organised this challenge . The students of all Engineering discipline actively participated in this challenge by submitted their ideas as posters and one page write up



Climate Hackathon Challenge No: 4

Title of the challenge :What should individuals do to mitigate climate change?

If you need to change the world individually, the change wants to occur in individuals where students madeready a poster mitigating to climate change so that they can realise the importance of industries

The Mechanical Engineering department organised this challenge. The students of all Engineering discipline actively participated in this challenge by submitted their ideas as posters and one page write up as how the individuals can contribute their part in mitigating the climate change



Climate Hackathon Challenge No: 5

Title of the challenge :Write a Song on Climate Change and Its Solution

A **song** is a musical composition intended to be performed by the human voice. This is often done at distinct and fixed pitches (melodies) using patterns of sound and silence. Songs contain various forms, such as those including the repetition and variation of sections.

The Electrical and Electronics Engineering department organised this challenge. The students of all Engineering discipline actively participated in this challenge by singing their ideas of solution to climate change as songs . It was a fabulous try by the students



Climate Hackathon Challenge No: 6

Title of the challenge :Write Drama Script on Climate Change and Its solutions

Drama is an art from which can we express our feelings and emotions **Drama** is the specific mode of fiction represented in performance while students doing they realise the importances of the climate change.

The Biotech Engineering department organised this challenge. The students of all Engineering discipline actively participated in this challenge by submitting their drama script about climate change



Climate Hackathon Challenge No: 7

Title of the challenge :Paint a T-shirt with message related to climate change and its solutions

T - shirt painting shows the skill and creative idea of the students regulating to the climate change by doing that students can understand the impact of the climate change

The Civil Engineering department organised this challenge. The students of all Engineering discipline actively participated in this challenge by painting their climate change solution ideas on T shirt . The students were able beautifully express their views as paintings .



The day ended up with an active participation by all the students of Engineering disciplines in an enthusiastic way. The students were also able to gain knowledge about the present scenario of the climate change. We all hope that this challenge will make the students to think a lot about this climate change and pave a way for the solution to mitigate it.