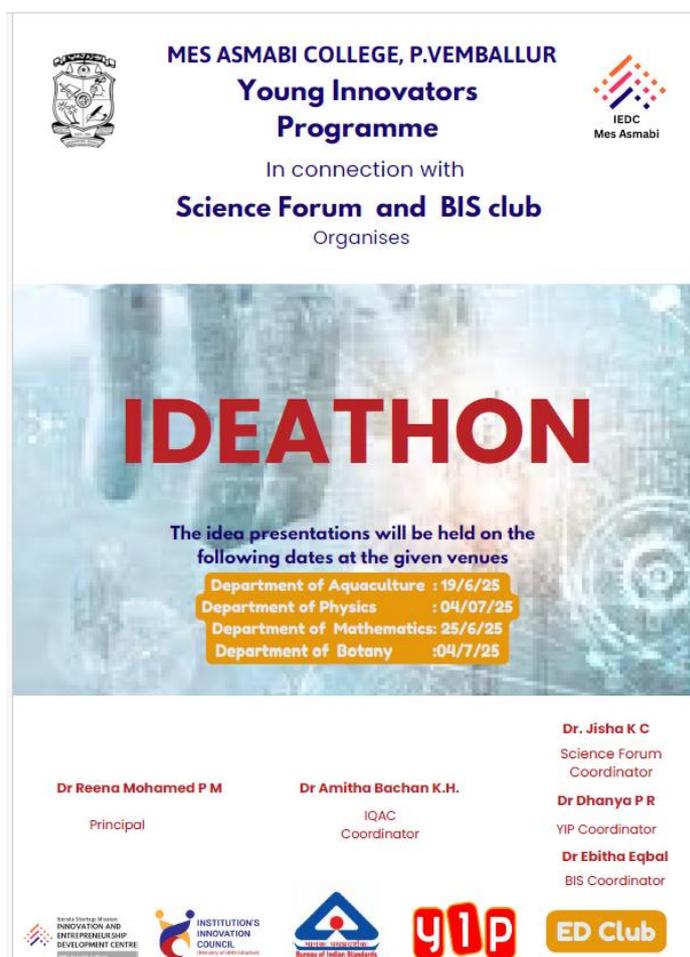


Report on Ideathon Conducted by Young Innovators Programme, Science Forum, and BIS Club at Department of Aquaculture

A series of **Ideathon** events were successfully conducted by the **Young Innovators Programme, Science Forum, and BIS Club** across various departments of the institution during June and July 2025. The initiative aimed to encourage creativity, critical thinking, and problem-solving among students through innovative idea presentations and discussions.



The poster for the Ideathon event at MES Asmabi College, P. Vemballur. It features the college's crest and the IEDC Mes Asmabi logo. The text reads: 'MES ASMABI COLLEGE, P.VEMBALLUR Young Innovators Programme In connection with Science Forum and BIS club Organises IDEATHON'. Below this, it states: 'The idea presentations will be held on the following dates at the given venues'. A table lists the venues and dates: Department of Aquaculture (19/6/25), Department of Physics (04/07/25), Department of Mathematics (25/6/25), and Department of Botany (04/7/25). At the bottom, it lists the coordinators: Dr. Reena Mohamed P M (Principal), Dr. Amitha Bachan K.H. (IQAC Coordinator), Dr. Jisha K C (Science Forum Coordinator), Dr. Dhanya P R (YIP Coordinator), and Dr. Ebitha Eqbal (BIS Coordinator). Logos for IEDC Mes Asmabi, IQAC, YIP, and ED Club are also present.

Department	Date
Department of Aquaculture	: 19/6/25
Department of Physics	: 04/07/25
Department of Mathematics	: 25/6/25
Department of Botany	: 04/7/25

Venues and Dates

The Ideathon sessions were held at four different venues, corresponding to various departments:

- **Department of Aquaculture – 19th June 2025**
- **Department of Mathematics – 24th June 2025**
- **Department of Physics – 4th July 2025**
- **Department of Botany – 4th July 2025**

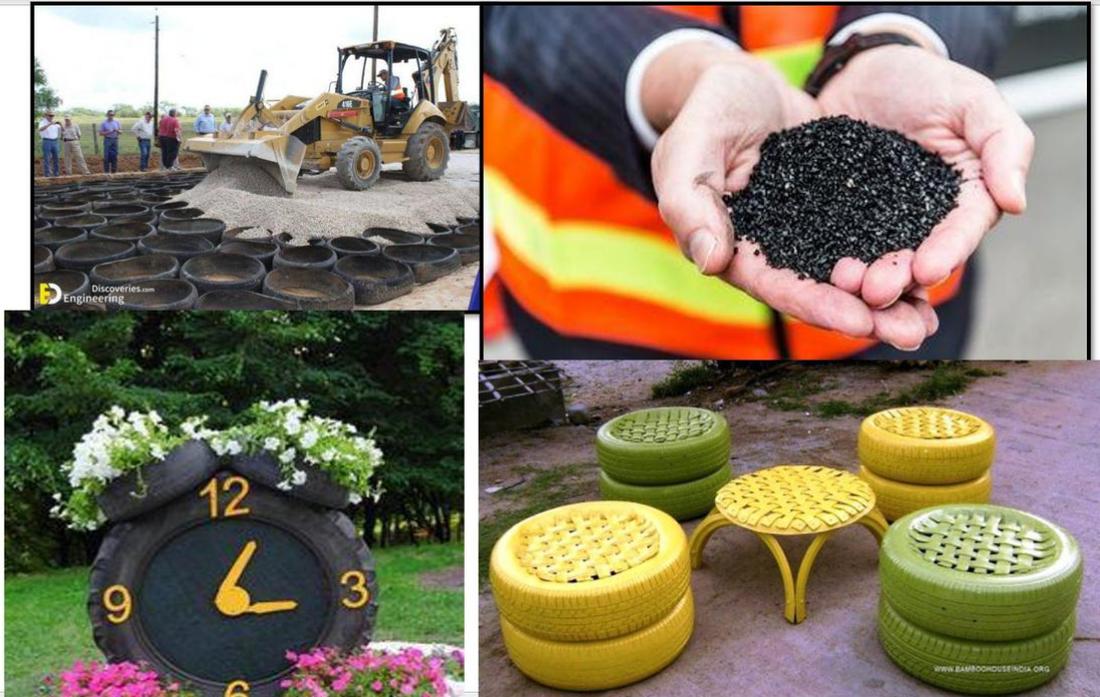
At the Department of Aquaculture, Dr. Dhanya P.R., YIP coordinator welcomed the students and introduced Dr.Jisha K.C., Coordinator of Science Forum and judge of the ideathon 2025. Students were

invited to present their innovative ideas using **PowerPoint presentations**, followed by **interactive discussions** with peers and faculty members. The sessions provided a platform for students to express their creativity and propose practical solutions to real-world problems. There were 5 teams from the Department of Aquaculture. Dr. Jisha K.C., Coordinator of Science forum judged the students based on the presentation and viability of idea. The following were the details of ideas:



Team I headed by Swathy Surendran – Idea - Waste management – Smart vending machine





Team II headed by Devi Sreelakshmy and Arjun – idea – Tyre resuse

The Innovative Idea

- Design and implement a Smart Classroom that saves energy by using:
- 🧠 Sensors (PIR/IR): Detects human presence.
- ☀️ Ambient Light Sensor: Adjusts lighting based on sunlight.
- 📱 Smart Switches + Controller: Turns off appliances when not needed.
- 📊 Energy Monitoring Dashboard: Tracks electricity use in real-time.
- 📅 Scheduling System: Turns off devices outside class hours.

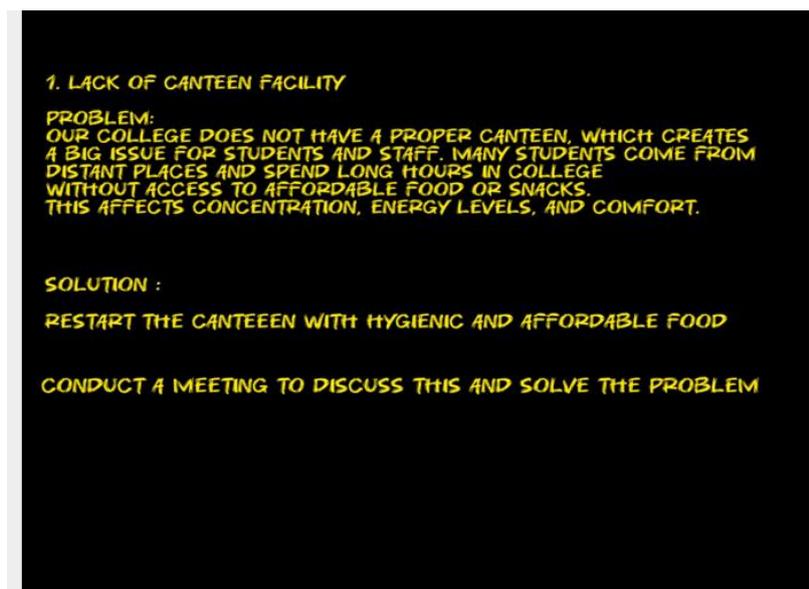
Team III headed by Naem - idea – Energy saving smart classroom

Overview

An app to connect
across college
administration
and students



Team IV headed by Anaswara – All in one students app



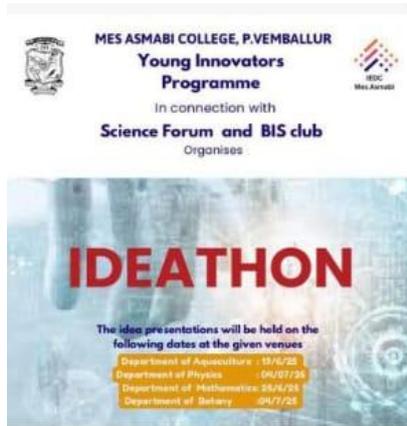
Team V headed by Nandana – idea – Managing common problems in college

Outcome

At each venue, a **panel of judges** evaluated the presentations based on originality, feasibility, and clarity. The **best idea** from each department was selected for further recognition and possible mentorship under the Young Innovators Programme.

This multi-venue ideathon proved to be a valuable opportunity for interdisciplinary collaboration and highlighted the innovative potential of students across science and applied fields. The organizers plan

to publish the selected ideas and offer guidance for future development in the upcoming college level idea competition which will be held on 7/7/25.



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