



DAYANANDA SAGAR ACADEMY OF TECHNOLOGY & MANAGEMENT

Opp. Art of Living, Udayapura, Kanakapura Road, Bangalore- 560082

Affiliated to Visvesvaraya Technological University, Belagavi and Approved by AICTE, New Delhi

CSE, ISE, ECE, EEE, ME, CE Branches Accredited by NBA, New Delhi

NAAC Accredited with A+ Grade

SCIENCE FORUM

DEPARTMENT OF BASIC SCIENCES

Event Name	Tech Tonic – Innovation meets the real world, An Idea Presentation
Theme	Students acquire the knowledge in presentation skills innovation and model making helps to promote start ups
Date	29/07/2022
Venue	Dayananda Sagar Academy of Technology and Management

Objectives of the Program/ Event

1. To Develop the PRESENTATION and THINKING SKILLS in the field of science and technology for First year engineering Student
2. To know why Idea presentation and its importance.
3. To understand Ideation & Functional Innovation.





Details about the event:

The program was inaugurated in the 4th Floor Seminar Hall, A- Block on 29th July 2022 by Dr.Kumudini Chair of WIE, Partner - Strategic innovation, standards and research. Karthik Chikmath Electrical Engineer, Entrepreneur, Akash Electro Consultant, Alumini DSATM. Syed Moula Senior AI Engineer, Scientist Technologies, Alumini DSATM. In the Presence of Dr. M Ravishankar Principal, Dr. C Nandini Vice Principal and HOD Dept of CSE, Dr. Sumitradevi Dean Academics and HOD Dept of ISE. HOD's of all other departments, Science forum students and faculty coordinators and First year participant students.

The Event “Tech tonic- Innovation Meets Real World on the topics Clean and Green Technology, Disaster Management, Renewable and Sustainable energy, Sensor and its applications, Automobile Safety, IOT on new trends , AI & ML for Society

- **Evaluation of the Idea Presentation Done by the factor 1.Innovation, 2.Team Coordination 3.Creativity, 4. Presentation Skills. 5. Technology advancement.**
- **They were 54 Teams are registered and Presented with different topics under various categories. Top 5 Idea's are got selected for First Three Places.**

1st place

- 1) **Sumeeth, Vinayak, Shanaya and shreya rai on the Topic "Self charging electric vehicle"**
- 2) **Srinidhi V S and Shreyank Sanjay koti on the Topic "Pressurised N₂ Air Engine"**

2nd Place

- 1) **Manjunath, Likitha, Sanjay, Mohan on the topic "Illusion Barrier"**
- 2) **Partha, Rugved, Mahesh, Kumar Kishlay on the topic Medicine Detector Using AI & ML**

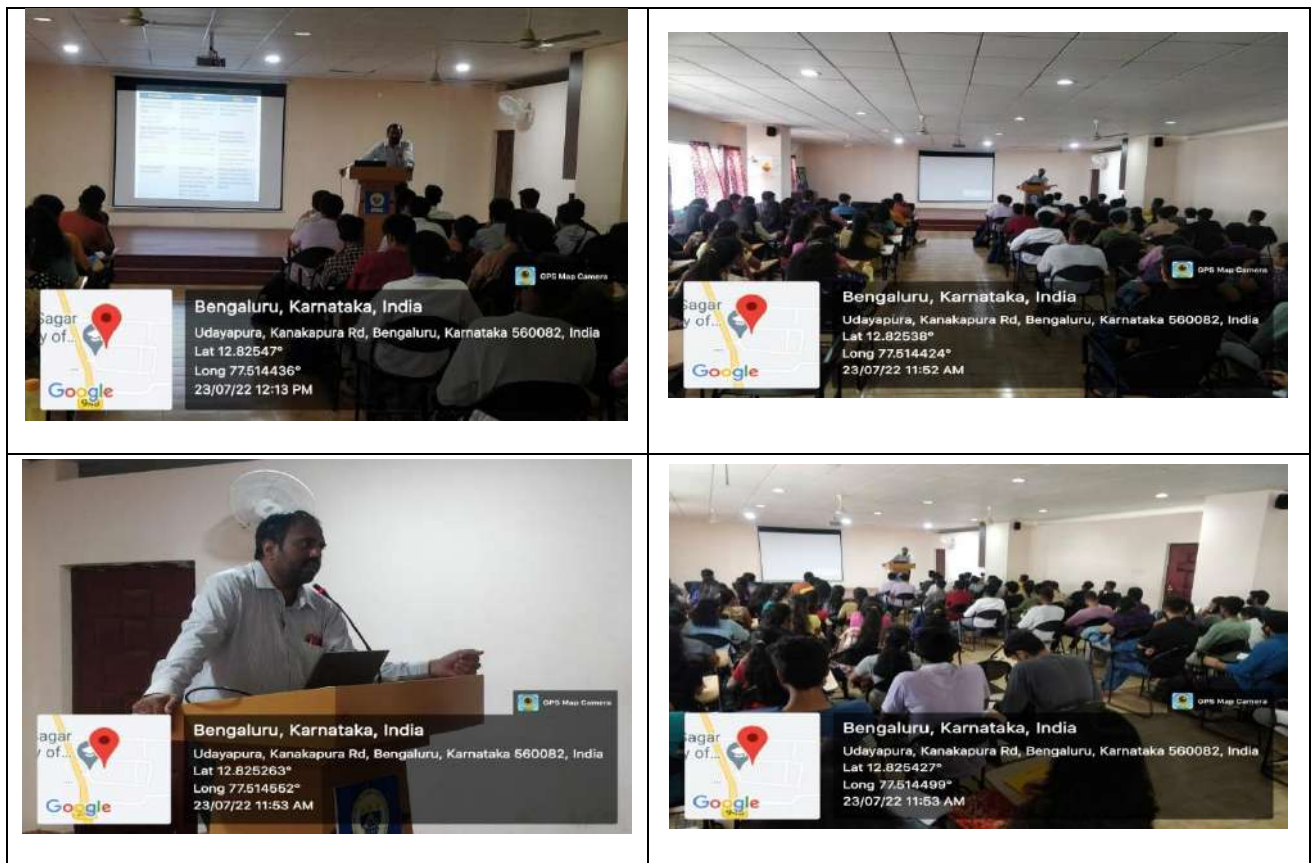
3rd Place

Saathvick A, Nithin S, Ajay kumar On the Topic Ultrasonic radar System-Smart stick.

Event Name	Workshop on Innovation and Design Thinking
Theme	What is Innovation - Importance and Systematic Innovation Why Design Thinking and its importance
Date	23.07.2022
Time	11:30AM to 4:30PM
Venue	Seminar Hall, 4th Floor, A-Block, DSATM

Objectives of the Program/ Event:

- Fundamental concept of innovation and design thinking
- Design thinking for product and service development



Purpose:

- To explain the fundamental concept of innovation and design thinking.
- Exploring the Industry practices in the field of innovation
- To discuss the methods of implementing design thinking in real world.

About the Topic: As per academic syllabus of Innovation and Design Thinking (21IDT19/29), Workshop has to be conducted for first/Second semester students. The session was started by introductory note on the expert, Mr. Yeshaswi Nag Nadella, Project Manager, Indian Startups, Bangalore, by Prof. Vinay D L, Assistant Professor, Dept. of Mechanical Engineering, DSATM. The following topics were covered in the workshop

- Innovation – An Introduction

- Implementing design thinking in the real world.
- Case studies on design thinking for real-time interaction and analysis
- Students query session and discussion

Resource person/ participants Mr. Yeshaswi Nag Nadella, Project Manager, Indian Startups, Bangalore, has graced the occasion as resource person for the session.

Number of participants: About 180 second semester Information Science & Engineering Department students of physics cycle were participated.

Vision: To provide an introduction to the basic concepts and techniques of Innovation and Design Thinking, the process of design, analytical thinking and ideas.

Measurable outcomes: Participants were able to understand

- Various phases in Design Thinking process.
- Identify the significance of Innovation
- Generate and develop design ideas through different techniques