



SCIENCE FORUM

DEPARTMENT OF BASIC SCIENCES

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| Event Name | Idea's Lost in Math's and Physics |
| Theme | A Virtual event to Explore their idea's using Advanced Mathematics and Advanced Physics |
| Date | 18/09/2021 |
| Venue | Online |

Objectives of the Program/ Event

- To develop the presentation and thinking skills in the field of science and technology for first year engineering students.

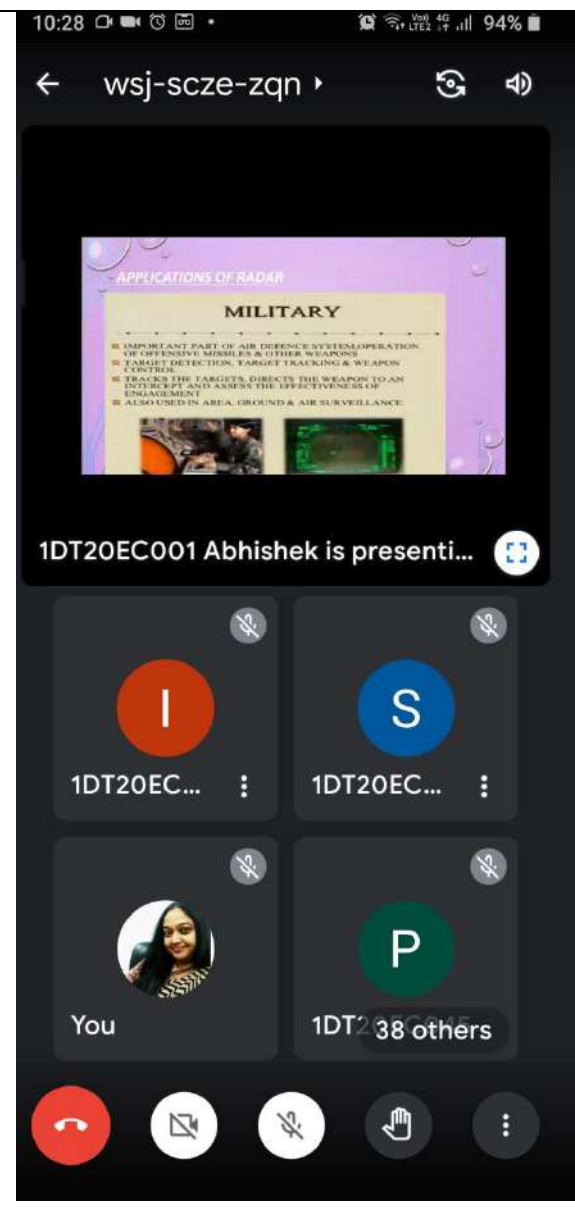
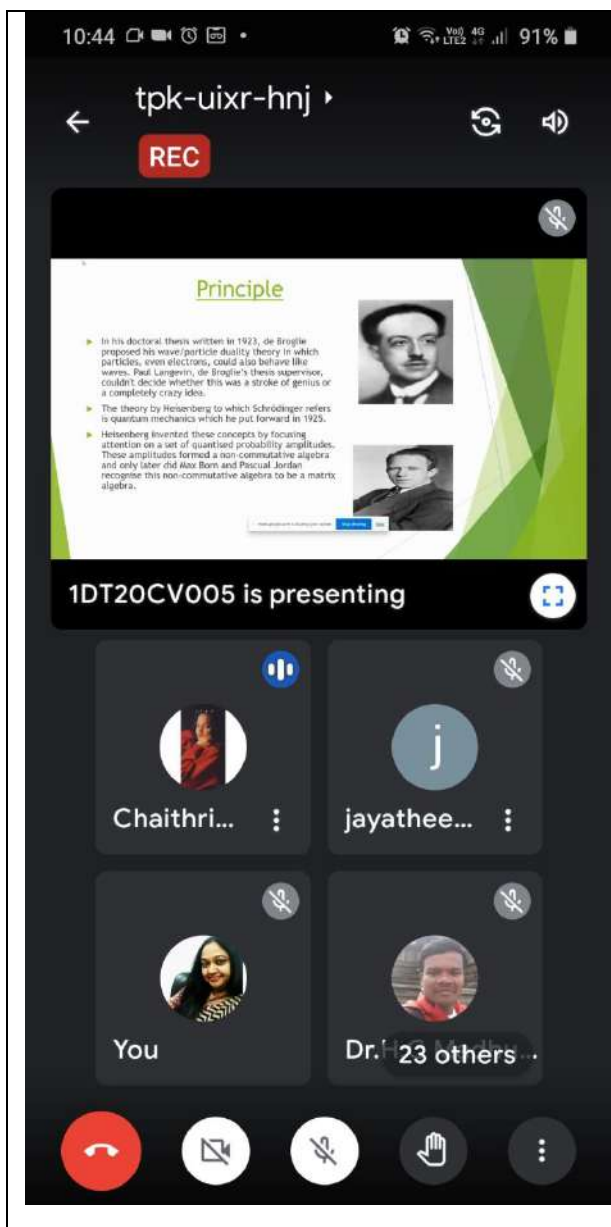
Vision: To provide a forum for first year students to enhance their knowledge in Science, technology and Research. by sharing and presenting IDEAS Using Advanced Mathematics and Advanced Physics.

Identification and addressing the GAP: Idea Presentations for Upgrading as a Working Model by Suggesting Loop Poles, Challenges, Improvements, Requirements For Current Scenario.

Measurable outcomes: It provides an opportunity to showcase their talents and enhances the technical knowledge. It helps students to identify and understand the opportunities in the relevant field.

Purpose: Idea presentation encourages students for their future projects and Research.

About the Topic: Idea's Lost is a Virtual event conducted on the topics Advanced Mathematics and Advanced Physics and its Applications in Respective to their engineering branches



Resource person/ participants:

Evaluators

1. Dr. Srilatha Y, HOD, Dept. of Physics
2. Dr. Shivakumar B.S, Asst. Prof, Dept. of Chemistry
3. Dr. Madhusudhan H. C Asst. Prof, Dept. of Physics
4. Dr. Shilpa P, Asst. Prof, Dept. of Mathematics
5. Prof. Lavanya R Asst. Prof, Dept. of Chemistry
6. Prof. Ananda A, Asst. Prof, Dept. of Chemistry
7. Prof. Asharani B M, Asst. Prof, Dept. of Physics
8. Prof. Nagesh O S, Asst. Prof, Dept. of Mathematics
9. Prof. Bhavya Shivaraj, Asst. Prof, Dept. of Mathematics

10. Prof. Raghavendra M R, Asst. Prof, Dept. of Mathematics
11. Prof. Anil Kumar B, Asst. Prof, Dept. of CSE
12. Prof. Gauri S Gavimath, Asst. Prof, Dept. of CSE
13. Prof. Suma C S, Asst. Prof, Dept. of AIML
14. Prof. Bindu, Asst. Prof, Dept. of ISE
15. Prof. Manjula, Asst. Prof, Dept. of ISE
16. Prof. Asha Rani, Asst. Prof, Dept. of ECE
17. Prof. Ramya S Rajan, Asst. Prof, Dept. of EEE
18. Prof. Vijayavardhana C, Asst. Prof, Dept. of ME
19. Prof. Jayatheertha H S Asst. Prof, Dept. of CE

Number of participants: Chemistry Cycle- 64 Teams
Physics Cycle – 62 Teams



SCIENCE FORUM

DEPARTMENT OF BASIC SCIENCES

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| Event Name | Idea Presentation |
| Theme | Developing the presentation and thinking skills for First year engineering students. |
| Date | 10/03/2021 |
| Venue | Dayananda Sagar Academy of Technology and Management |

Objectives of the Program/ Event

- To develop the presentation and thinking skills in the field of science and technology for first year engineering students.



Purpose: Idea presentation encourages students for their future projects and Research.

About the Topic: The Event “ Idea Presentation” was conducted on the topics of Waste Management, 4R’s ,Sensors and its Applications, Technology and Health, Energy conservation , Nano Technology and AI and ML.

Resource person/ participants:

1. Mr. N Yashaswi Nag

Project manager,
Indian Starters,
Bengaluru.

2. Dr. Kumudhini Ravindra

CSO & Co Founder
Inytu Inc,
Bengaluru

Number of participants: Internal Students Registration- 29 Teams

Vision: It provides a platform for students to showcase their ideas in technology and Research.

Identification and addressing the GAP: Idea Presentations for Upgrading as a Working Model by Suggesting Loop Poles, Challenges, Improvements, Requirements For Current Scenario.

Measurable outcomes: It provides an opportunity to showcase their talents and enhances the technical knowledge. It helps students to identify and understand the opportunities in the relevant field.



“Plant more Trees, Save Water, Save Electricity, Avoid Plastics, The world is in your Hands”



DAYANANDA SAGAR ACADEMY OF TECHNOLOGY & MANAGEMENT

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

(6 Branches CSE, ISE, ECE, EEE, ME& CE Accredited 3 years by NBA, New Delhi)

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



Department of Basic Sciences

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| Event Name | Brief information about Science forum activities. |
| Theme | Annual report 2019-2020 |
| Date | 28/11/2019 |
| Venue | Dayananda Sagar Academy of Technology & Management |

Objectives of the Program/ Event

- To inculcate scientific temper among the students with various science activities.
- To advance scientific outlook among students interested in Science & Technology.
- To encourage the students to involve in various Science activities.



“Plant more Trees, Save Water, Save Electricity, Avoid Plastics, The world is in your Hands”



Details about the event:

- The purpose of the programme is to inform the science activities under science forum
- The session was addressed by **Dr. VATSALA** (Associate professor, mathematics, DSATM) and the team from to give brief information about science forum activities.
- The annual report of science forum 2018-19 is presented in the session.

Measurable outcomes, w.r.t. realisation of Vision:

- The participants analysed where the sciences stand today and where they are heading, what their social impact has been and what society expects from them.
- They also established what efforts should be invested to make science advance in response to both these expectations and the challenges posed by human and social development.

HOD's Signature

Principal's Signature



Department of Basic Sciences

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| Event Name | A preview of tomorrow |
| Theme | Inter college project & model presentation |
| Date | 31 st May 2019 |
| Venue | Dayananda Sagar Academy of Technology & Management |

Objectives of the Program/ Event

- The State Level Competition for all the 1st year engineering students.
- Students are presenting, Imagining, thinking, posing questions and coming up with an outcome as a model.
- Exposure to technology, exchange of ideas, sharing of innovative thoughts and ideas by the evaluators.



Details about the event:

- The Inauguration program was started with Invocation song by Smitha Adiga, 1st year, cse, followed by customary lamp lighting as an official mark of inauguration. Abhishek MS, 1st year, cse welcomed invitees, student participants and faculty.
- Dr. Vatsala G.A. briefed about the Event and the Journey of the Science Forum.
- The chief guest Mr. Yashasvinag N and Guest of Honour Mr. V Ravindra encouraged and motivated the participants by their precious words.
- Dean Academics Dr. Sumitra Devi KA address about significance of the project competition
- Dr. B.R. Lakshmikantha in his presidential address motivated the participants and wished them luck. He even appreciated the staff and management for taking an initiative towards the science and technology.
- Harshal, 1st year, civil dept. presented the Vote of Thanks.

Measurable outcomes, w.r.t. realisation of Vision:

- Students are presented models such as App Designing, Gaming, 3 R's, Mathematical Models, Robotics, Safety Awareness and Energy sources.
- 51 students are registered with projects such as Surveillance Robot, Soil Moisture Sensor to conserve water, Frictionless Breaking system, CNC Plotter, Home automation, Colour Intensity Detector, Tidal Energy and many more unique and interesting projects.
- Smart Car Parking with app was designed and developed by student coordinators are inaugurated.
- It was a very healthy and tough competition. Attractive cash prize given along with participation certificate

HOD's Signature

Principal's Signature



Department of Basic Sciences

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| Event Name | Inauguration of Science Forum |
| Theme | Encourage & assist the students for formation & development of Science Associations. |
| Date | 24/08/2018 |
| Venue | Dayananda Sagar Academy of Technology & Management |

Objectives of the Program/ Event

- To provide an opportunity for students to gather information on Science, Research and recent development in technology.
- To provide a platform for students to interact with Resource persons and eminent Scientist.
- To encourage and assist the students for formation & development of Science associations.



Details about the event:

- The inauguration started with the lighting of lamp by the dignitaries ,Science Forum coordinator.
- Dr.K.Vijaya Kumar has delivered the cordial welcome address.
- The honorable Principal of the institution Dr.B.R.Lakshmikantha and Dr. K A Sumithra Devi Dean Academics DSATM. has given the Presidential address.
- The prestigious part of our inauguration,Dr.Nagaraj has given introduction of chief guest.
- The Resource person Dr.M.A.Ramaswamy delivered talk on Solar system for motivating the students
- Dr.shiva Kumar has given the vote of thanks to all including the principal,the Dean Academics,HOD and Faculties of Basic Science Dept.He thanked the chief guest for grating the occasion by his Presence and to all first year students.

Measurable outcomes, w.r.t. realisation of Vision:

- The students are able to understand Difficulties faced by scientists in discovering the solar centric theory.
- Shift From Geo-centric to solar centric theory.
- Working of eclipse, movement of waves.
- Newton's law and Moment of inertia and its application.

HOD's Signature

Principal's Signature