



Sri Srinivasa Educational & Charitable Trust
SAPTHAGIRI COLLEGE OF ENGINEERING

(Affiliated to VTU, Belagavi, and Recognized by AICTE, New Delhi)
(ISO-9001-2015 & ISO-14001-2015 certified institute)

14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057

Department of Chemistry

ALCHEM CLUB

Science Exhibition Report-2021 (Mini Projects Exhibition)

To promote participatory and hands-on learning in Science, we organize Science Exhibition every year. The activity aims at providing a common platform to students to give shape to their innovative ideas and learn from each other's experiences. The exhibition also provides a medium for popularizing Science and increasing awareness among stakeholders about the close relationship between Science and Technology.

Science Exhibition was inaugurated by Principal, Sapthagiri College of Engineering, Bengaluru 20th of February-2021 under the banner of ALCHEM club for first year BE (C-cycle) students of EC, ME, BT & CV branches were participated and also rated the students performance.

Students were asked to choose their favorite topic and they created models, colorful charts, posters, working models. The students also gave a beautiful and detailed explanation of their models to all the guests. They were even questioned about the scientific concepts and theories behind their project. Various sustainable topics and ideas were picked up and demonstrated visually. In this exhibition, the participating teams shared their creative ideas and solution to everyday challenges through their innovative working / non-working models, exhibits, projects and presentations supported by reports, display and research findings.

Mini Project titles selected for exhibition

- 1. Earth quake alaram**
- 2. Working project of hydraulic bridge for highways**



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3. Hydraulic traffic reduce
4. Model of rain harvesting system
5. Tesla Coil
6. Under water wind mill
7. PCB Designing and Etching
8. Gene Therapy
9. Protein Profiling
10. Cementitious material from Agro waste and sea shell
11. Organic Farming
12. Pharmacogenomics
13. Engines
14. Global warming and Green House Gases
15. Stem cells and Cellular regeneration
16. Hydroponics
17. DNA model
18. Pandemic on Mental Health



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- 19. Stem Cells and Molecular Regeneration**
- 20. Aquaponics**
- 21. Battery based on Superhetrodyne Principle**
- 22. Turbines**
- 23. Online Auction system**
- 24. Chemistry Everyday Life**
- 25. Water controller**
- 26. Advance wireless power transfer**
- 27. Artificial intelligence**
- 28. Automatic number plate recognition**
- 29. Laser security Alarm system**
- 30. Wireless power transfer system**
- 31. Mini Vaccum Cleaner**
- 32. Stret Light with LDR & IR circuits**
- 33. Clapping Light**
- 34. Cell phone Detector**

All the guests praised the efforts of the students and congratulated them for putting their best foot forward. Dr Ramakrishna H in his speech highlighted the hard work behind the success of the Exhibition and how he thinks that the future of the students was bright. He hailed the confidence and asked the students to keep up the good work. He also highlighted the faculty hard work for guiding the students mini projects.

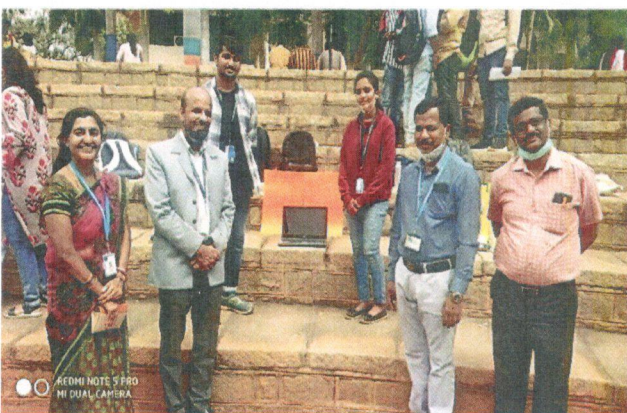


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Department of Chemistry Glimpse of Science exhibition





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Department of Chemistry

Glimpse of Science exhibition



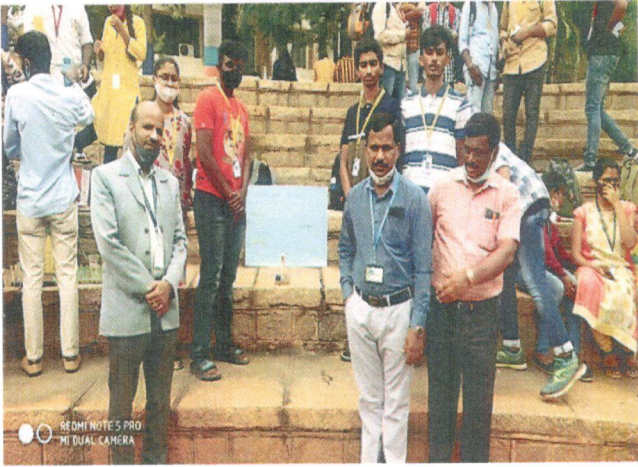


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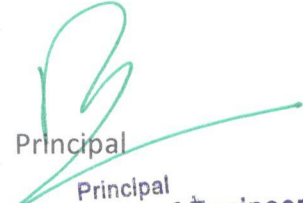
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Science exhibition Convener


ALCHEM Convener


HOD-Chemistry 01/3/21
Dr. B.S. KRISHNA
Professor & Head
Department of Chemistry
Sapthagiri College of Engineering
BENGALURU - 560 057.


Principal
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