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DEPARTMENT OF
SCIENCE & TECHNOLOGY

Hosted by



AMAL JYOTHI
COLLEGE OF ENGINEERING
KANJIRAPPALLY

Shaping young minds.

Dates	25/09/2023,03/10/2023,09/10/2023,17/10/2023,18/10/23 20/10/2023, 06/11/2023,8/11/2023
Activity	Science Excursion –St. Dominics HS School, AKJM HSS, St. Thomas HSS, Alfeen public school, Santhome HS School, St. Mary’s HS school Ummikuppa, Infant Jesus school Kanjirappally, Berkumans school changanaserry.
Venue	FOOD TECHNOLOGY DEPARTMENT
Attendees	Students from –St. Dominics HS School, AKJM HSS, St. Thomas HSS, Alfeen public school, Santhome HS School St. Mary’s HS school Umikuppa, Infant Jesus school Kanjirappally, Berkumans school changanaserry.
Report prepared by	Arthra Ancy Joseph

Introduction:

Amal Jyothi College of Engineering (AJCE) in Kanjirappally hosted a science excursion for the students and faculty members from various school. The students and the faculty members are visited the food technology labs that aimed student’s insights into the science and technology behind food production, processing and quality control.

Activities:

The students visited the food technology department lab such as food processing lab, food chemistry & food analysis lab and food microbiology lab. Under the guidance of experienced food technology faculty and lab staffs, the students likely begin with an introduction to the food technology department, where they could learn about the importance of food science and its role in creating safe and nutritious food products. They had the chance to witness live demonstrations of food experiments and were encouraged to actively participate in the process.

The students get an opportunity to explore various experiments related to food technology, such as food processing techniques, quality control measures, and perhaps even insights into food safety and nutrition. Interacting with the lab staff provide them with valuable knowledge about the lab equipment such as freeze dryer, pasta extruder, UV Spectrophotometer, laminar airflow, autoclave, tray dryer, hot air oven etc. Then, they might be taken on a tour of the labs, where they could observe various experiments and demonstrations related to food processing, preservation techniques, and quality control.


During the excursion, the students had the opportunity to interact with the lab staff, who can share their expertise and experiences in the field. The staff explained the various processes involved in food production, such as food testing, sensory evaluation, and product development. The excursion provides valuable insight into the practical applications of science in the food industry and the importance of maintaining food quality and safety standards.

The visit not only fostered the students' interest in the field of food technology but also served as a platform to highlight the significance of sustainable food practices and the importance of food safety standards. The interactive session concluded with a Q&A segment, allowing the students to quench their curiosity and gain a deeper understanding of the vital role of food technology in our daily lives.

Conclusion:

The science excursion conducted by our institution was a comprehensive exploration of various food technology laboratories, enabling students to gain practical insights into the realms of culinary science and food processing. This report aims to elucidate the key findings and experiences of the students during their educational venture into the food technology labs.

IMAGES:



www.scienceexcursion.in

 **SCIENCE EXCURSION**

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COLLEGE OF ENGINEERING
KANJIRAPPALLY
AUTONOMOUS

ST. DOMINICS HS SCHOOL



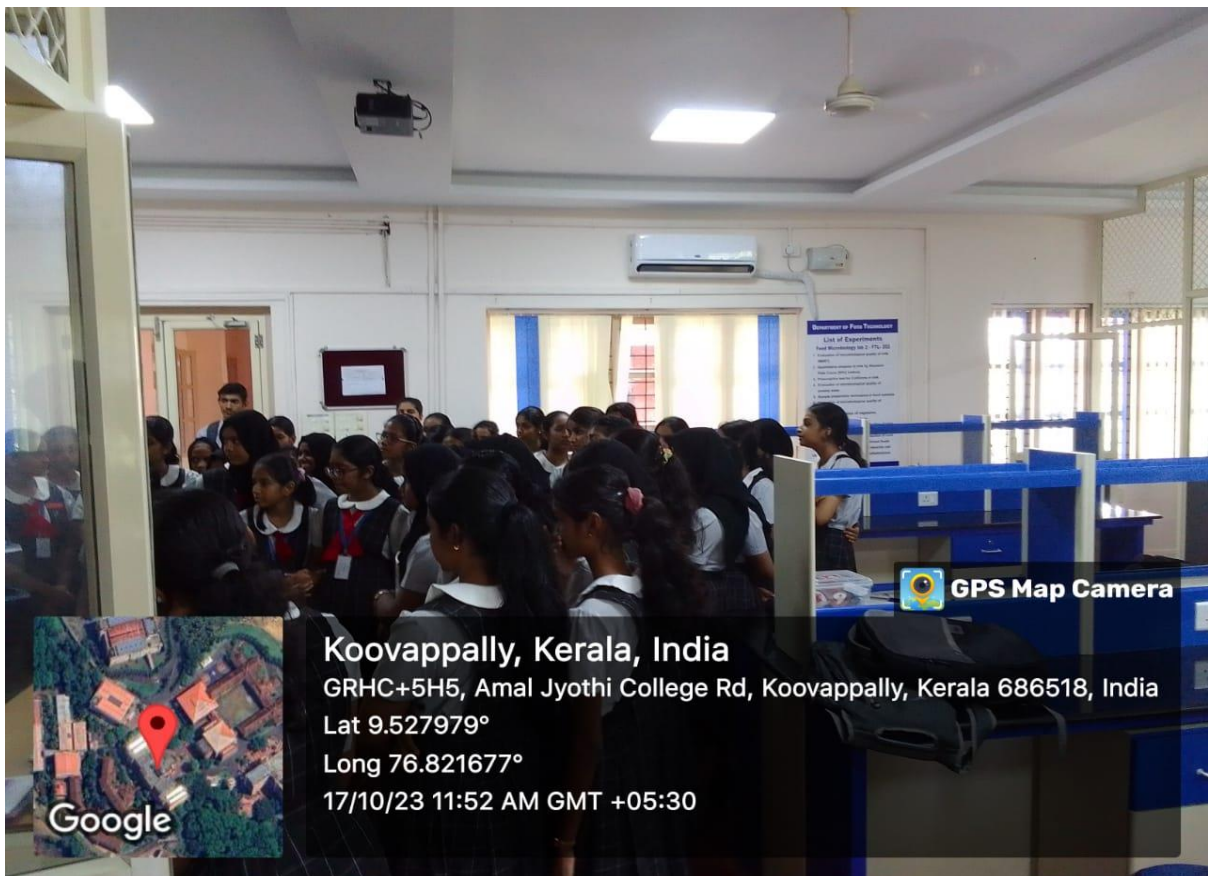
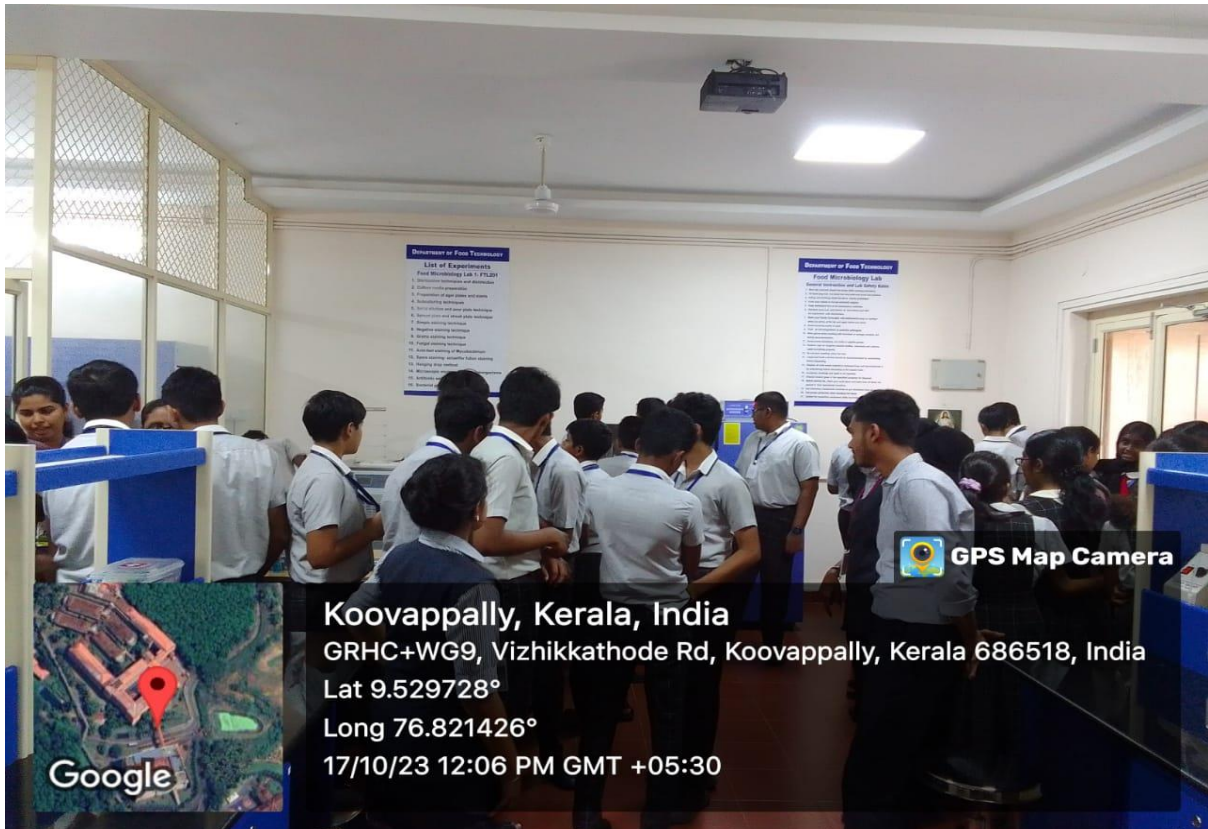
AKJM HS SCHOOL



ST. THOMAS HS SCHOOL



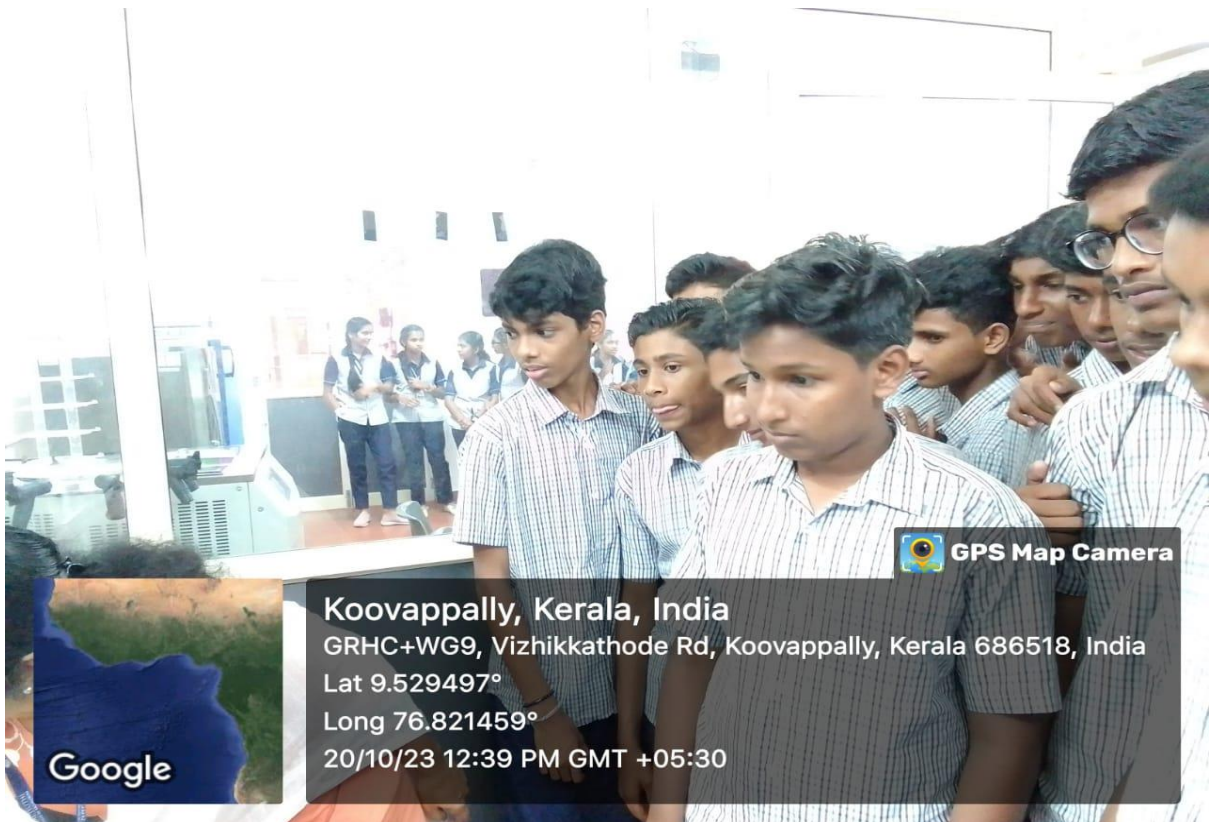
ALFEEN PUBLIC SCHOOL

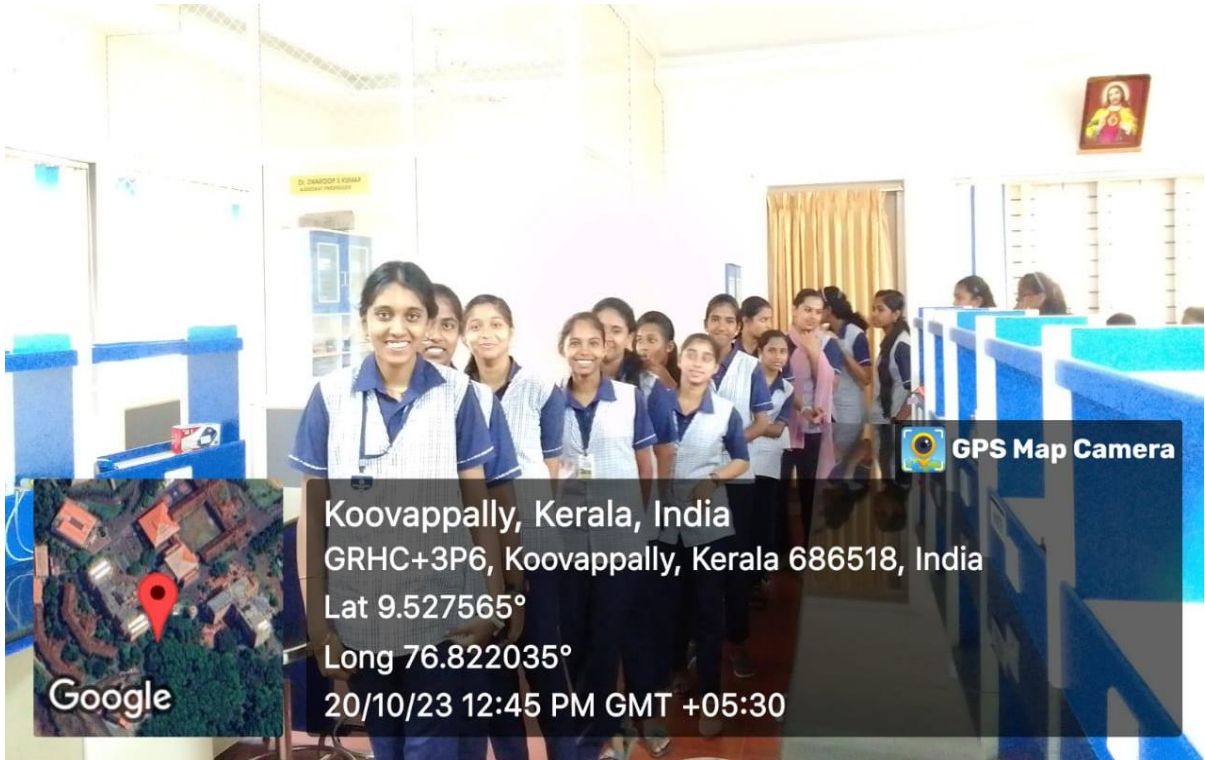


SANTHOME HS SCHOOL



ST MARY'S HS SCHOOL UMIKUPPA



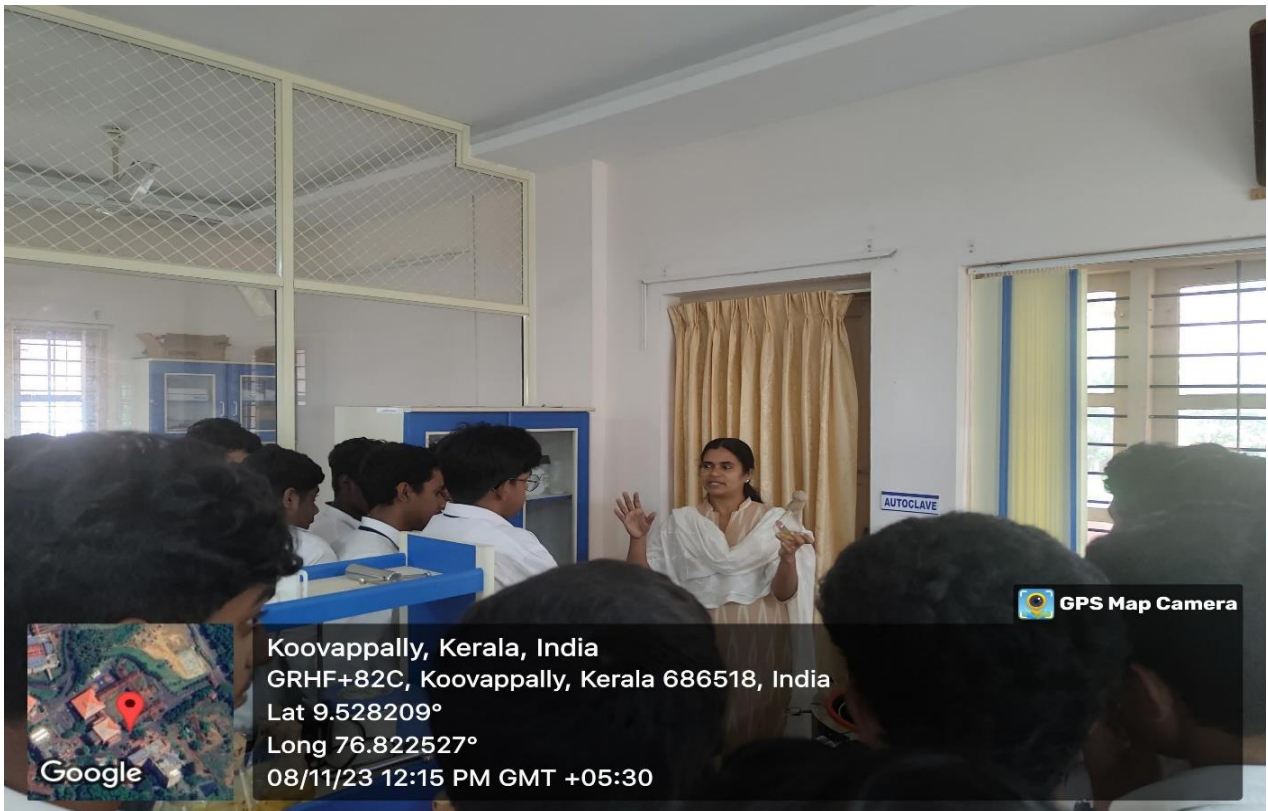


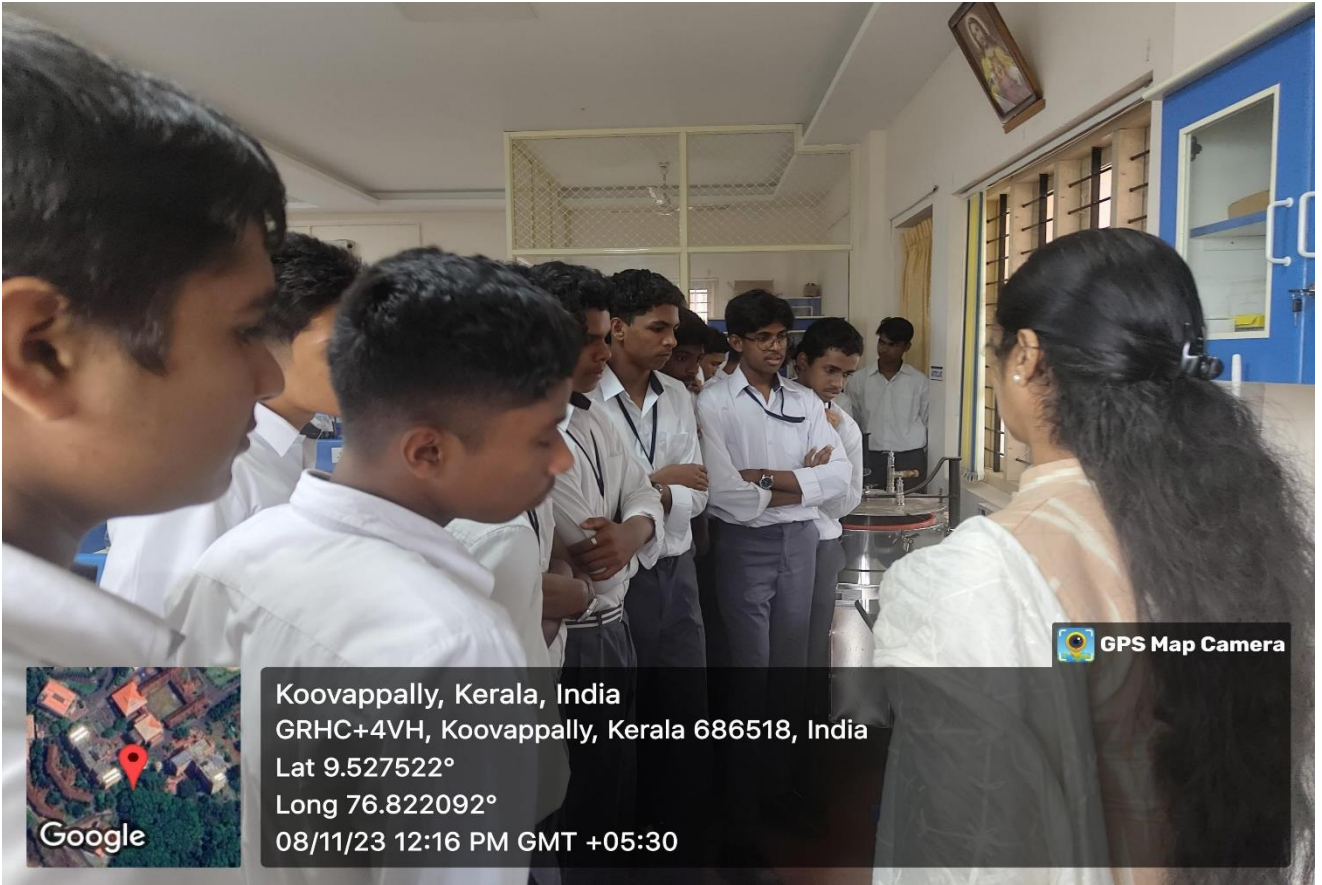
Infant Jesuses school Kanjirapally





Berkumans school changanaserry





 GPS Map Camera



Koovappally, Kerala, India
GRHC+4VH, Koovappally, Kerala 686518, India
Lat 9.527522°
Long 76.822092°
08/11/23 12:16 PM GMT +05:30