St. Mary's College (Autonomous)

Department of Physics

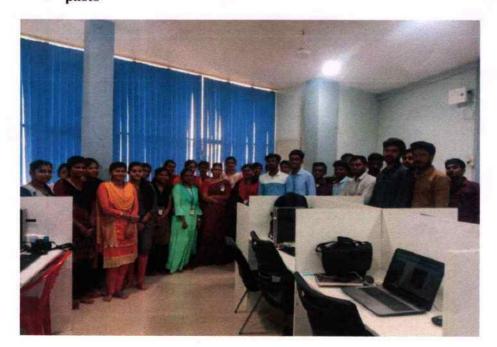
INTERNSHIP PROGRAMME AT CORE TECHNO SOLUTIONS

13.12.2021-23.12.2021

Invitation



photo



Certificate

Certificate of Participation

This is certify that Mr./Ms. Abinaya.M participated in the internship on "Solar Based Project" on 13th December 2021.



- Sun tracking solar panel
 Solar powered auto irrigation system
- 3. Solar energy measurement system





Report

The department of Physics arranged an internship on 'Solar Based Projects' at Core Techno Solutions from 13.12.2021 – 23.12.2021 under the star college scheme sponsored by the Department of Biotechnology, New Delhi. The internship was headed by a proficient guide from Core Techno Solutions. Twelve students of III B.Sc. Physics attended the internship and carried out the following activities

- Solar radiation readings were recorded.
- Various applications of solar energy and types of solar panel were discussed.
- Basics of the project were explained.
- Various components required for the project was searched.
- A detailed study of the components were done.
- Circuit was sketched and checked for stimulation.
- The PCB layout and 3D view were arranged.
- Soldering work was carried out.
- Project was documented.

Peris 2ds Head of the Department

Department of Physics. St. Mary's College (Autonomous). Thoothukudi - 628 001.

B. Serena Margaret

IQAC Coordinator

IQAC Co-ordinator St. Mary's College (Autonomous) Thoothukudi

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