UPGRADING TECHNOLOGICAL INFRASTRUCTURE TO PROVIDE STUDENTS WITH QUALITY EDUCATION AT LOYOLA COLLEGE, METTALA.

Project Context:

Loyola College of Arts and Science, a Co-educational institution for higher education established in 2015, is hinterland located in a remote rural administrative District of Namakkal in the State of Tamil Nadu, India. The village, Metalla, comes under the jurisdiction of Oilpatty village panchayat in the Rasipuram Taluk of Namakkal District. The financial constraints of the college, are largely due to the limited income generated through student fees. Most of our students come from economically disadvantaged backgrounds, making it challenging cover operational costs, let alone fund critical upgrades. Although the Jesuit Chennai Province provides ongoing support, it cannot fully meet our expanding infrastructural needs as we adapt to advancements in the educational sector.



Rationale:

Our students primarily from marginalized and poor backgrounds face difficulties in accessing their personal computers capable of running their academic demands. This lack of modern infrastructure not only impacts students' technical skills and confidence but also places them at a significant disadvantage in a digital-centric world where practical experience with current technology is essential.

To bridge this gap, Loyola College urgently requires comprehensive infrastructure upgrades. In addition to acquiring 50 new computers, the college needs improvements in classroom technology, network bandwidth, power backup solutions, and digital learning resources to create an environment that holistic learning and skill development. Providing students with state-of-the-art resources is essential to our mission of delivering a quality education that empowers them to succeed. An investment in this infrastructure will directly benefit academic performance, enhance their employability, and ensure they are well-prepared for modern professional demands.

Beneficiaries:

- Rural College Students,
- First-generation learners,
- Dalits, tribals and other marginalized youths.

Objective of the project:

→ To enhance the educational opportunities of marginalized students by students with a hands-on learning experience.

- → To establish strong technological knowledge and make students ready for the job market.
- → To Improve teaching and learning experiences with upgraded computer labs.



Activities of the Project:

- → The project includes purchasing and installing 50 new computers.
- → Upgrading the existing software in Computer labs with new software.
- Improving the technological infrastructure of the computer lab.

Expected outcome of the Project:

- → Upgrading to new, efficient, and suitable computer models will provide students with access to the latest technology and software, enriching their learning experiences with practical application knowledge.
- Preparing students for future career opportunities.



Possible Collaboration:

- To Acquire new computers upon the required configurations to run programming languages.
- → To upgrade existing computer hardware and software.
- → Support our efforts to empower communities by collaborating on skill development initiatives.

