UPGRADING TECHNOLOGICAL INFRASTRUCTURE TO PROVIDE STUDENTS WITH QUALITY EDUCATION AT LOYOLA ITI, RANIPET.

Project Context:

Loyola Industrial School in Ranipet is situated in an industrial hub known for renowned companies such as BHEL, EID Parry, Greaves, SAME Tractors, and Malladi. Recognizing the need to make unemployable youth employable and to include the marginalized, Loyola ITI (Industrial Training Institute) and Industrial School have been offering technical skills training since 2003. Giving Technical education makes the unemployed youth self-supportive and self-satisfied. It would be better to provide skill-based technical education to one person than to offer free meals to one thousand people. At the time of unemployment situation in India, skill-based technical education gives the youth more confidence to face the challenges of the future. There are many drop-out students not even completing the high school level. The Loyola Industrial School fulfilled their needs by giving them job-oriented courses in a skilled way. So, we started courses like

Airconditioning, House Electrician, Welding Fabrication, Automobile Technician, and computer course. Besides these trades, we also train the students in leadership training, eco-friendly awareness and other extracurricular activities to bring out their latent talents.



Rationale:

Loyola Industrial School Ranipet, provides essential vocational training to dropout youth, equipping them with

skills aligned with local industry needs. With approval from the National Council for Vocational Training (NCVT) in 2014, we introduced two key courses: Mechanic Refrigeration and Air-Conditioning (two Welding. However, and current years) infrastructure and equipment are outdated, leading to frequent breakdowns, safety concerns, and reduced learning efficiency, which in turn hampers students' hands-on training and limits their employability in industries with advanced machinery. Upgrading our facilities is essential to provide students with relevant skills, prepare them for safe and effective work environments, and increase their job opportunities. With updated machines, our skilled staff can transfer knowledge more effectively, students gain competencies that align with industry standards. Additionally, to foster well-rounded development, we offer supplementary training in electrician skills, Computer Literacy, Soft Skills, and Spoken English, empowering students as versatile, multi-skilled professionals prepared for today's job market.

Beneficiaries:

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



Objective of the project:

- → To establish strong technological knowledge and make students ready for the job market.
- → To create a conducive and competitive environment for both the trainers and trainees.
- → To from poor and deserving students into skilled labourers who can stand on their own.
- To help them to get more job opportunities.

Activities of the Project:

- Install modern equipment to meet industry standards and improve hands-on training.
- → Train instructors on the new machinery to ensure effective teaching and proper maintenance.
- → Provide hands-on experience with updated machinery, ensuring students develop relevant skills for the industry.
- → Implement safety training for staff and students to ensure the safe operation of the new equipment.
- → Partner with local industries for internships, on-the-job training, and placement opportunities for students.
- → Offer counselling and career guidance to help students plan their career paths and improve employability.

Expected outcome of the Project:

→ Students will be equipped with industry-relevant skills, making them more competitive in the job market and improving their chances of securing employment in modern industries.

- → The use of updated machinery will reduce the risk of accidents, ensure smoother operations, and enhance the overall learning experience for both students and staff.
- Graduates will be well-prepared to work with current technologies used in industries, improving their job placement rates and aligning their skills with market demands.
- → Students will develop diverse skill sets, including technical expertise, soft skills, and computer literacy, enabling them to adapt to various roles and progress in their careers.



Possible Collaboration:

- → Collaborate with leading manufacturers to supply or subsidize advanced equipment systems. These companies could also provide training on new technologies.
- → Engage industry experts to provide specialized training sessions. This collaboration can ensure students are trained in the latest technologies and industry practices.
- → Collaborate with organizations that focus on technical testing and certification boosting their employability.
- → Companies with CSR programs aimed at education and skill development to fund production unit.



