

**KONGUNADU ARTS AND SCIENCE COLLEGE**  
**(Autonomous)**  
**Coimbatore - 641 029, Tamil Nadu**

**Institutional Distinctiveness**

Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrus Provide the weblink of the institution in not more than 500 words

Kongunadu Arts and Science College, as an educational institution, has a unique practice of direct and immediate implementation of acquired knowledge and training of the students to solve practical and real-time problems. Students extend their learned skills and knowledge to practice by involving themselves in tackling challenges facing the society. They become socially effective assets by transferring their education from laboratories into the land of the real world.

**Objectives of the Unique Practice**

- The use of acquired knowledge and skills in solving real problems.
- Exposing students to the real challenges of their society and the environment around them.
- Upholding the institutional commitment to the local community.
- A synergic partnership between teachers and students in tackling a common problem, thereby boosting students' confidence to perform in the real world.
- Achieving the institutional goal of providing holistic education to students.

**Practice**

- 1) The curriculum encourages students to interact with the local community to identify challenges which they would be able to solve using their acquired knowledge with the guidance of the faculty members.
- 2) The curriculum and the pedagogy incorporate elements that are sensitized to the needs of the society.
- 3) Coordinated and synergic institutional operations including curricular, cocurricular, and extracurricular activities are directed towards providing hands-on experience to students in the real world.
- 4) Earn-while-learn attitude is promoted among students enabling them to contribute to the local economy and society as responsible students.

**Programmes Organized Under the Lab-To-Land Education**

- 1) **India -UK Collaborative Project for Noyyal Water Remediation.**
- 2) **Mushroom Cultivation & Research Center** by the department of Bio Chemistry that helps farmers and self-help group women.
- 3) **Spawn Production Unit** for Mushroom cultivation to enhance the research in Mushroom and also helps farmers and self-help group women.
- 4) **Minor Millet Unit** for training the students and public in value added products.

- 5) **Aquaculture unit** established by the department of Zoology to help the fishing community.
- 6) **Vermiculture unit** help farmers implement best vermiculture practices.
- 7) **Apiculture unit** to help farmers in maintaining bee farms, and in honey cultivation.
- 8) **Medicinal Garden** maintained by the students to conserve more than 30 species of plant with medicinal values.
- 9) **Training programmes in Bonsai** for women from the local community.
- 10) **Android App development** programmes to benefit students and the local community.
- 11) **Data Entry Service** from the students to the department of Tamil Nadu Electricity Board and the Police department of Coimbatore.
- 12) **Classy Missy Designer Unit** from the department of Costume Design and Fashion to train women and school students from local communities in embroidery, tailoring, and costume designing.
- 13) **Scribe Services to Illiterate and Differently-abled people** are offered by the students of Business Administration in filling forms related to government documents such as Aadhar card, Birth/death certificates, passport, etc.
- 14) **Awareness through Art** is provided by the students of the Department of English in the form of Puppet Shows, Street Plays for the local community.
- 15) **Free Courses in English** to school students from the faculty members and students from the department of English.
- 16) **Help in income tax filing** to local SSI business people and professionals are provided by the faculty members and students of the department of commerce.
- 17) **Training in Soap & Detergent Manufacturing** offered to women from self-help groups by the Department of Chemistry.
- 18) **Programmes on Harnessing Solar and Wind Energy** conducted by the Department of Physics to benefit local farmers.
- 19) **'Household Survey of Inflation Expectation'** for Reserve Bank of India is conducted by the Department of Mathematics and the Department of Commerce.

#### **Beneficiaries of the Lab-to-land programmes**

- |               |   |
|---------------|---|
| Article I.    | Society, Farmers and Environment                          |
| Article II.   | Farmers from the local community                          |
| Article III.  | Fishermen from the fishing community                      |
| Article IV.   | Women from self-help groups                               |
| Article V.    | Illiterate & differently-abled people                     |
| Article VI.   | Business and professional people from the local community |
| Article VII.  | Students of schools from the locality                     |
| Article VIII. | Students from the college                                 |

### **Benefits to the students through the Lab-to-land education**

- Hands-on training in various fields
- Realization of theory in practice
- Developing the sense of social commitment and responsibility
- Increased confidence levels from a sense of accomplishing service to the society
- Increased rapport between the students and the faculty members outside the classroom
- Developing entrepreneurial attitude and aptitude

### **Highlights of the Lab-to-land Education**

- The practice is unique in its concept, and effective in delivery.
- It is sensitized to the needs of the local community.
- It aims at encouraging achieving economic independence at the micro level.
- It targets women from self-help groups to accomplish the objectives of their establishment.
- It has an intrinsic quality in creating an inclusive society.
- The practice encourages an eco friendly symbiotic and synergic economic growth in the community.
- It helps to deliver purposeful education.

### **Institutional Commitment**

The institution is committed to expanding and sustaining the practice of Lab-to-land education. Education is to be holistic in its objectives to create responsible and inspiring citizens: Kongu Nadu Arts and Science College, Coimbatore is committed to the objective and its unique practice of Lab-to-land education is proving to be beneficial to students, local community, and faculty members. It encourages new research to solve 'Realtime' challenges. The practice encourages productivity and economic self-reliance among the local community without disturbing the ecological balance.

The institution is committed to improving the service to the local community by increased allocation of resources and programmes under the Lab-to-land education to help the community and the students.

The Lab-to-land education practice is unique and effective right from its introduction. The college is committed to continue the practice – extending it to a large and expanding it to other disciplines. Education is the primary service providing by the institution and the management is keen on delivering education that benefits the society. The Lab-to-land practice is one of the initiatives taken to achieve this objective. The programmes offer a true scope for delivering meaningful education and the college is committed to ensuring the success of this unique practice.