A N E W S L E T T E R O F S C T I

NEWSTEP

Volume 1

Sustainability in SCTI

- SCTI ensures that its educational programs are accessible and inclusive and provides quality training in civil engineering and veterinary science.
- SCTI has been promoting gender equality by encouraging equal participation of boys and girls in its programs (SDG5-related impact).
- Plantations and farming
- Poultry, pig farm, goat farm and cow farm
- Biogas plant for wastage
- Safe-Water filtration system

Sustainability is the must important and integral part of overall development. Being a TVET institution, we are focused on sustainable education system and the 17 sustainable development goals.

Digital Pedagogy: A way for transformative Education

Teaching and learning activities have to be dynamic activities which must be changed and updated as per necessity of learners and other circumstances. Since digitalization is one of the most impressive change of the current world, its integration in learning activities was an essential milestone in our institution. We were forced to use online plate form for teaching and learning at the time of COVID pandemic. At that time we, SCTI used online teaching like zoom meeting and social media plate form for the teaching and learning. After normalization from the COVID, we again softly moved to the face to face sessions as the curriculum is specially designed for as at least 80% physical presence is mandatory for the fulfillment final evaluation criteria.

After the NEWSTEP project, we have known digital and innovative pedagogical system which smoothly helped us to moved towards hybrid or blended pedagogy which involve both physical and online pedagogical activities to ensure the benefits of both the approaches. We took couple of online guiding classes by the Work package 2 (WP2) team and planned to conduct piloting digital and online pedagogical with continuous support from the WP2 team.

We used "ublcloud" as learning management system for the piloting. It's main features are content building, learning resources collection, assignments of file uploads and written type, quiz, grading, online discussion forum and attendance. We are piloting 6 courses for two faculties Diploma in Civil Engineering and Veterinary Science. We are taking partial involvement of online plate form in the classes for example for quiz works, assignment submission, teaching material distributions etc.

Learn, Earn and Pay

To promote learning by doing, hands-on learning and entrepreneurship in TVET, SCTI has introduced the "learn, earn, and pay" concept through initiatives such as poultry, pig farming, and cow farming. Looking ahead, we plan to expand this concept to include goat farming, beekeeping, and construction-related fields. The objectives of the concept are:

1.To increase the technical training in the relevant field,

2.To develop SCTI human resource management,

3.To enhance the institution as a self-sustained technical institute,

4.To uplift the economic status of the students,

5.To promote entrepreneurial skills of the students

Upcoming project activities

The following activities are expected to be implemented in the near future in SCTI:

- IGP in poultry and block construction
- Continuation of Learn and earn
- Entrepreneurship seminar
- Digital learning
- Teachers workshop on innovative learning
- IT entrepreneurship workshop
- Community oriented program
- Blended pedagogy

Students Voice

"**Online learning platforms have changed how I study. The interactive tools and instant feedback keeps me motivated, and being able to learn anytime and anywhere has made it easier to balance my schedule.**"   - **Kunal Kshetri, DCE II/I**

"**Using an online learning platform has made my studying so much more flexible and engaging. I can learn at my own pace, get access to lessons when needed, and access resources**"- **Suchana Thing, DVET III/I**