Know about TEQIP PHSE II (Technical Education Quality Improvement Programme)

Relevance and Need for TEQIP Phase - II

The Institute was part of the TEQIP Phase-I. From the description on Baseline data (for 2009-10) presented in section 1.4 and academic excellence (presented later in section 2.16), it is quite evident that the institute has made significant progress in terms of basic infrastructure, UG laboratories, library, computing and networking facilities as a result of TEQIP Phase-I. Further the research facilities and resulting output have also improved. However, some of the postgraduate programmes (M.Tech) and research level (PhD) especially in branches of engineering and technology requires further strengthening. The institute intends to strengthen these programmes by TEQIP Phase-II.

The following proposals/initiatives have been identified:

a) Increasing the outputs of PhDs in the branches of engineering and technology by offering assistanceships to the meritorious students.

b) The research will be industry-oriented and the technology developed will be transferred to the industries.

c) The drop outs in PG and research programme will be checked by motivating the students by giving them financial assistance ship and state-of-the-art laboratory facilities, thus improving employability of the students quantitatively and qualitatively.

d) Increasing enrolment in existing PG programmes and by starting new programmes in PG in emerging areas of engineering and technology.

e) Increasing focus in interdisciplinary research and collaborative academic and industrial research by involving scientist working in the industries and persons from institutions of higher learning at national and international level.

f) UG and PG research projects will be on industrial problems and will be carried out with the help of industries.

g) The institute plans to put equity assurance in the right perspective, which will help weaker students to improve their skills. For this equity assurance reforms committee has been constituted at the institute level. This will ensure the increase
in transition rate and improve their employability.

h) **Pedagogical training** would be provided to all the faculty members in phase-wise manner. The training will be done with the help of SPFU in and outside of the institute.

i) As a step towards **faculty development**, the institute aims to train its faculty and staff in specialized areas, so that they can act as resource persons for future

j) Upgradating the knowledge and skill of technical and non technical for smooth functioning of the institute in general and departments in particular.

k) Facilitating research and development carried out by the institute with aim at solving the real life field problems, meeting social needs.

l) To upgrade the PG and research labs with **state-of-the-art equipments** /experimental set ups.

m) To develop **Centers of Excellence** in the areas of strength of the institute.

n) Improving administrative and management system for better performance. This shall be accomplished by automation of the whole institute working and imparting training to personal at all levels to be conversant with the same.

o) Students will be encouraged to present their papers at national and international levels.

p) Improvement of research base would bring recognition of faculty at the international level and hence that of the institute. Last but not the least, the community will benefit through the transfer / dissemination of knowledge/information/technology leading to better awareness in order to achieve a healthy quality of life.

**Total Allocation of funds**  Rs 12.5  Crore

**Duration of project**  TWO YEARS  (2012-1014)

**First Installment Released in November 2012**  Rs 2.0  Crore

**Action Taken till February 2013.**

Process for procurement has been initiated through NCB & National Shopping of equipments of Rs 2 crores . The tenders after taking the necessary approvals from SPFU Lucknow has been floated.

Coordinator TEQIP II