Introduction:
Technical Education Quality Improvement Programme (TEQIP) was envisaged in 2003 as a Long term Programme of about 10-12 years duration to be implemented in 3 phases for transformation of the Technical Education System. As per TEQIP concept and design, each phase is required to be designed on the basis of lessons learnt from implementation of an earlier phase. TEQIP-II started a reform process in 127 institutions. The reform process needs to be sustained and scaled up for embedding gains in the system and taking the transformation to a higher level. To continue the development activities initiated through TEQIP-I, a sequel project is planned as TEQIP-II. The Project duration shall be for four years (2010-2014).

TEQIP Goal:
To scale up and support ongoing efforts of the Government of India to improve quality of Technical Education and enhance existing capacities of the institutions to become dynamic, Demand driven, quality conscious, efficient and forward looking, responsive to rapid economic and technological developments occurring at the local, State, National and International levels. It has a clear focus on the objectives to improve the overall quality of existing Engineering Education.

Project Design:
The Project is composed of following Components and Sub components:

Component 1 : Improving Quality of Education in Selected Institutions

- ➢ SubComponent 1.1 : Strengthening institutions to improve learning outcomes and employability   of graduates

- ➢ SubComponent 1.2 : Scaling up Postgraduate Education and Demand Driven Research & Development and Innovation
    - • SubComponent 1.2.1 : Establishing Centres of Excellence

- ➢ SubComponent 1.3 : Faculty Development for Effective Teaching (Pedagogical Training)

Component 2 : Improving System Management

- ➢ SubComponent 2.1 : Capacity Building to Strengthen Management

- ➢ SubComponent 2.2 : Project Management, Monitoring and Evaluation

Objectives of Sub-Component 1.1 :

Strengthening Institutions to Improve Learning Outcomes and Employability of Graduates

1) Improvement in teaching, training and learning facilities through:

- • Establishment of laboratories for new PG programmes

- Updation of learning resources

- Procurement of furniture

- Modernization and strengthening of libraries and increasing access to knowledge Resources

2) Providing Teaching and Research Assistantships to increase enrolment in existing and new PG programmes in Engineering disciplines

3) Faculty and Staff development for improved competence based on Training Needs Analysis (TNA)

4) Enhanced interaction with Industry

5) Institutional management capacity enhancement

6) Implementation of Institutional reforms

7) Academic support for weak

1. **Proposed Objectives Under TEQIP-II in SVECW :**

- To Achieve **Academic Excellence** by improving the learning outcomes
- To increase the annual production of Graduates & Post-Graduates capable of leading the creation of sustainable and cost-effective innovations in the industry.
- To Adopt a special program of action for the full participation of poor learners to improve their abilities to bring **equity of standards** among students.
- To improve the quality and relevance of education and training provided by SVECW for the creation of **"The Woman Technocrat"** with the following characteristics:
- A strong knowledge base on the fundamentals of the basic sciences and mathematical aptitude.
- A self-disciplined, easy approaching young engineer.
- A woman entrepreneur with human values.
- A holistic personality with real-time vision.
- A positive attitude in facing challenges.
- A blend of expertise in subject and language proficiency much required for placements.
- The spirit of teamwork and leadership qualities.
- Well aware of professional ethics to be practiced.
- A person with social commitment.
- Understanding organizational structures and processes.
- Easy accessible and agile.
- Willing to engage in a lifelong learning process.

- To strengthen the existing PG programmes & to establish three new post-graduate courses in the following areas:
- M.Tech in Computer Science and Engineering
- M.Tech in Advanced Robotics & Intelligent Systems
- M.Tech in Geoinformatics
- To Establish a collaborative partnership with a Foreign Universities & Industries resulting in its greater capacity for research and reach up to date market trend.
- To Achieve increased academic, managerial, administrative and financial autonomy with an organisational culture of systematisation, teamwork, efficiency and accountability.
- To Formalize, through clear objectives, organizational arrangements and systematic activities for **women empowerment** & a program to **support & develop differently abled people** & rural community to meet the Vision 2020 of state of Andhra Pradesh & India

2. Key Deliverables under TEQIP -II

Improves Quality of Education:

- Disciplined students are best assets. Students with core competence and participating in co-curricular activities become Leaders
- Increased skill set of the students coming from rural background. Better changes for employment due to proficiency in additional languages.
- Hiring qualified & domain experts to teach UG & PG students. So that Students are exposed to industry experts and their practices.
- Students get exposure to industry standard certification and testing.
- To organize regular industry visits to students & faculty
- The employability of the students will be increased, and especially Women students get increased opportunity to work in multinational companies.

Improves Quality of Faculty:

- Improves the faculty & students outlook in the society.
- Sponsoring of faculty to workshops & conferences.
- Faculty gets exposure to state of the art technologies and opportunities to upgrade their skills.
- Faculty confidence level increases and the retention of faculty increase.
- More faculty register for their higher degree. Faculty publish and present more research papers.

Enhances Interaction with Industry:
- It will create IIIC
- The interaction with the industry is established by conducting workshops and seminars on certification and testing.

Enhances R&D and Consultancy Activities:
- Infrastructure is established to promote testing facilities
  The laboratories become Incubation Centers for the Centers of Excellence. Students can do in-house live developmental projects. In-house R&D activities create platform for Centers of Excellence.
- Generates revenue for sustaining R&D culture.

Establishing New Centers:
- To establish Centers with facilities to impart domain knowledge
- Institute will establish PG center
- It will Create institute Alumni Center.

Improves General facilities:
- Up gradation of institution library & internet facility
- Autonomous status gives flexibility to match the demands.
- Reforms bring improves the efficiency & transparency of the system

SHRI VISHNU ENGINEERING COLLEGE FOR WOMEN :: BHIMAVARAM

LIST OF GOVERNING BODY MEMBERS

S.No	Name of Member of BoG	Qualifications and position in the current engagements	Position in the BoG	Nominated by/From
1	Sri. K.V. Vishnu Raju	B.Tech. (REC-Trichy), M.S. (MTU, USA) M.D.-Anjani Portland Cements Ltd.	Chairperson	Mgmt.
2	Sri. R. Ravi Chandran	B.Tech.(REC-Trichy), Post Graduate Diploma in Management (IIM, Calcutta) Vice Chairman, SVES	Member	Mgmt.
3	Sri. P. Krishna Ganga Raju	M.A., Secretary, SVES	Member	Mgmt.
4	Dr. V.S. Raju	B.E., M.E., Dr. -Ing. from University of Karlsruhe, Germany Former Director, IIT Delhi.	Member	Mgmt.
5	Dr. I. Gopal Reddy	Ph.D. Former Vice- Chancellor, JNTU	Member	Mgmt.
6	Sri. V. Rajanna	B.E. GM, TCS, Hyderabad	Member	Mgmt.
7	Sri. G. Ramanathan	B.E. CEO, Guru Synergies	Member	Mgmt.
8	Dr. A. Kuppu Rajulu	Ph.D. Retired Professor, IIT Madras	Member	State Govt.
9	Dr. D.R. Raju	Ph.D. Former Director, SVES	Member	State Govt.
10	Sri. D. Ramakrishna	Managing Director, Efftronics Pvt. Ltd.	Member	State Govt.
11	Nominee of AICTE		Member (Nominee of AICTE)	AICTE
12	R.O., AICTE - Hyderabad	R.O., AICTE, Hyderabad	Member (Nominee of AICTE/UGC)	AICTE/UGC
13	R.J.D. - Kakinada	R.J.D.,Kakinada Dept. of Technical Education	Member (Nominee of State Govt.)	State Govt.
14	Smt. U.V. Rathna Kumari	B.Tech., M.Tech. Dept. of ECE, J.N.T.U. - Kakinada	Member (Nominee of University)	University
15	Dr. P. Srinivasa Raju	Ph.D., Vice Principal – SVECW	Member	Mgmt.
16	Sri P. Janaki Rama Raju	B.E., M.Tech. Sr. Assistant Professor, SVECW	Member	Mgmt.
17	Dr. G. Srinivasa Rao	Ph.D. Principal, SVECW	Member-Secretary	Mgmt.