

## **EXECUTIVE SUMMARY**

### **1. Long-term Objectives for Institutional Development:**

The College is situated in rural environs on the border of two mineral rich districts of Andhra Pradesh (viz. Guntur and Prakasam) and most of its students are coming from adjoining rural areas.

The main long-term objectives of the Institution are to impart quality technical education with orientation towards rural students and to improve the infrastructural facilities in the Institution, to introduce M.Tech. Courses and also to undertake Research Projects in emerging areas of mass interest with the collaboration of Foreign Universities.

### **2. Project Period Objectives:**

During the course of the project period, the Institution aims:

- 1) to produce Engineers with Research orientation to cast their energies to the healthy growth and development of fellow beings and society and thereby providing them to be building bricks in the infrastructure of the society.
- 2) to provide technical assistance to the surrounding rural areas of the College, for their prosperous and healthy growth especially with respect to their Civil Engineering works, environment pollution assessment measures, etc.
- 3) to provide opportunity for faculty and students for getting involved in the recent trends of their respective specializations.
- 4) to provide facilities for skill development and in learning process.
- 5) to provide opportunities to the students to interact with Industries and acquainting themselves with the problems of Industries.
- 6) to motivate the students in the cultivation of learning habits in the process of identification and solution of problems of vital importance.
- 7) to purge the ill-concepts and activate the competency based learning with the business oriented Curriculum.
- 8) to take further steps for accreditation of the College by AICTE for the remaining branches of Engineering.
- 9) to improve facilities to undertake Consultancy works on a larger scale.
- 10) to cultivate the wholesome personality development in students by making them to recognize the well cherished concepts of "Unity in Diversity" and not "Diversity in Unity".

**3. The Summary of the Line of Action of the Institution to meet the Targets:**

Various developmental activities have been proposed by different departments with their justifications during the course of this project. The details of these activities have been appended in this application form.

It is endeavoured to enrich and strengthen those aspects of the Institution which make it self-sufficient and cater to the needs of the people of surrounding rural areas and thereby the Institution proves to be 'blessing in disguise' for the adjoining two districts.

**4. The Preparedness of the Institution to begin with the Programme:**

In providing quality technical education, the College is making remarkable progress since its inception in 1981. At present, it is conducting B.Tech. Courses in NINE branches of Engineering of which SIX have been accredited by the NBA of AICTE, New Delhi. Further, the College is also conducting 6 P.G. Courses in sciences maintaining high standards. The Institution has undergone the process of Academic Auditing & Grading by A.P. State Council of Higher Education and it has been recognized by UGC, Institute of Engineers (India) and the Ministry of (Surface) Transport.

The creditable performance of our students at GATE, TOEFL & GRE year after year and placement of our outgoing students in reputed Organizations either in our country or overseas, bear testimony of the academic credentials of our Institution and speak volumes about our College in its dedication in uplifting and channelling the energies of students to blossom into good Engineering skills.

The College is gifted with highly devoted and committed faculty with a number of Doctorate Degree holders in various disciplines. With these merits, the Institution is well prepared to embark on the proposed project.

**5. Proposed Financial Assistance and Outputs:**

To implement the various development activities as mentioned above, financial assistance of Rs. 118.50 millions has been proposed under the project.

Academic excellence and improvement of quality in technical education are expected to be achieved with the various proposed activities like augmenting the existing laboratories, class rooms, conference halls, seminar halls with the state of art technologies and participation of faculty under QIP, in various conferences/workshops/seminars; expansion of existing space for various additional provisions.

Strengthening with and regular updation of state of art technologies are expected to be accomplished by sharing with the lead institutions under networking.

Emancipation of the community lagging behind is envisaged with the proposed technical services rendered under respective heads of activities.