7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

Best Practice – 1

1. Title of the Practice - Improving Employability of Students through Skill Development.

2. Goal

With the advent of globalization, the following skills have become essential to students pursuing technical education.

- Technical competence.
- Interpersonal skills.
- Employability skills.

Sir C R Reddy College of Engineering strives to provide the above skills through its extensive programmes.

3. The Context

Students joining the college usually come from different backgrounds and need training to improve their technical as well as employability skills.Technical competence can be improved by stressing on fundamentals of core engineering subjects, communication skills are improved through spoken and written English language classes, and employability skills are enhanced by identifying industry requirement and providing additional training for it. Considering these requirements, college is providing excellent facilities for the students to improve their skills and to achieve their career goals.

4. The Practice

To realize aspirations of students, the college has implemented the following.

- To build problem solving capability, the college stresses on fundamentals of engineering and analytical thinking. It also continuously incorporates add-on topics on latest developments in industry to improve technical competence.
- Soft skill training is a part of regular class work right from II year and is taken up rigorously by the college Training and Placement Cell to improve interpersonal skills. An exclusive campus connect CRT programme by FACE is conducted for final year engineering students.
- To expose students to industry culture and practices, the college arranges industrial visits regularly. Industrial training is mandatory for all students.
- To provide hands-on training to students in contemporary industry tools and techniques, the college provides extensive training on various academic/industrial software and tools like PLC, CATIA, HYPER MESH, ANSYS, PRO-E, STAAD PRO, MATLAB, PSCAD, ETAP,ANDROID, APP DEVELOPMENT, RATIONAL ROSE etc. to improve employability skills.
- College also provides skill development programmes from APSSDC, Siemens 't-SDI' and also conducts technology entrepreneurship

programme from ISB, Hyderabad.

5. Evidence of Success

The following table shows improvement in placements depicting evidence of success due to the above best practice.

Principal
Principal
Sir C.R.R.College of Engineering
ELURU - 534 007