7.3 Institutional Distinctiveness

7.3.1 Describe/Explain the performance of the institution in one area distinctive to its vision, priority and thrust

Response:

Objective:

Institution believes that academic excellence is the only development of student's intellectual capabilities and skills in service to humanity along with making of good grades.

Context:

The institution with a vision to impart quality technical education and mould young technocrats towards global excellence and societal transformation nourishes its students through effective teaching learning process, innovative thinking and community reach.

Practice:

The institution with foresight of improving the students' in all dimensions follows modern methods of teaching apart from the traditional chalk and talk method. In teaching learning process each student is provided with a blend of concepts and practices with modern infrastructure facilities in a zestful environment. The students are taught through a transformative intellectual faculty with a cavernous practical knowledge. Effective teaching learning process includes interacting with learners, working towards their goals by incorporating knowledge, behavior and contemporary skills.

The syllabus prescribed by the university is delivered to the students to its fullest by the above methods. Advanced learners are encouraged and facilitated by the faculty to learn innovative topics. Slow learners are provided with remedial classes and more practice sessions. Apart from the university internal and external theory and laboratory examinations, the institution has a practice of conducting class tests and a grand test to make the student more practical and be more confident in writing their university end examinations. To have one to one interaction among the students and faculty, tutorial classes are conducted in an effective manner.

The Department Academic Committee, IQAC and College Academic Committee continuously monitor all the academic activities from time to time and appropriate measures are suggested to strengthen academic delivery.

Along with focus on academic grades the students are exposed to lifelong learning skills which help them to excel in all spheres of life. The institution provides ample opportunities to its students to improve life skills and academic development. Content beyond syllabus is practiced through seminars, workshops, guest lectures, paper presentations, internships and industrial visits. In order to catch up with the advancement in technology and bring out the hidden talents from the students, the innovation cell facilitates a platform to promote active learning. The benefits include creative skills to tackle real world problems, contribute actively to group based work and learn from their peers in group based task. Students are provided with interactive learning environment through usage of ICT and smart classes. The students are provided with access to e-content resources of the library. The students are motivated towards research through project based learning. The students' chapters and department associations offer a vibrant space for the students to work on their interest beyond the classroom.

The institution has a well defined process to horn aptitude, communication, entrepreneurial, technical and soft skills to the students through Skill Enhancement Programme. The students are trained to be more confident to tackle real world problems. To develop technical skills and improve the core competencies among the students, each department conducts various certification and training programmes. The students are provided with certifications courses and VET courses for better learning. Project based learning is encouraged to develop the students' inherent creative and technical skills.

The institution believes that discipline is the life and sole of every individual. The discipline committee ensures that the students adhere to the code of conduct and mould them into responsible citizens.

Students mentoring system of the institution guide and counsel the students in academics and non-academics including personal domain to achieve their best in life. In addition, the mentoring system aims at addressing the deficiencies in attitudes, habits and knowledge of the students towards learning.

Being conscious towards community reach and environment protection, is also a part of students academic excellence. The institution having gratitude towards society encourages the students to carry out beneficial acts in neighbourhood communities.

The institution has paved its way to success by incorporating a proper blend of academics (Teaching and learning), life skills programmes, discipline, mentoring system and societal concern to transform the students into successful individuals.

The institutional distinctiveness in imparting quality education and success is reflected through the following achievements.

- Students bagged University Gold Medals form JNTUH, Hyderabad

    - P. Sahiti (2013-2015), Pranavi Kumari (2009-2013), K Ekambereshwar Swamy (2009-2013), K Ganga Reddy (1999-2003), J. Praveen Rao (2001-2005).

- 75% of the students get through in academics in First Division.
- The Institution has a credit of being honoured as "Best Innovative College" by Telangana State Innovation Cell, Government of Telangana.
- The Institution is successful in placing an average of 300 students every year. Most of our alumni are placed in key positions in Government organizations, MNC's, reputed private organizations and abroad.
- The institution received "Outstanding service award" Gold category in recognition of voluntary contribution for the empowerment of persons with visual challenges by Indian Association for the blind.
- Recent students' innovations and contributions are appreciated in different areas.

    - Students' bagged First prize for an app developed to promote "Organ donation online" during the start up India Telangana Yatra grand finale held at JNTU Hyderabad.
    - "Pollution Reducing Helmet" designed by our students was placed among top 50 science models at the India International Science Festival (IISF) 2018, Lucknow, organized by Ministry of Science and Technology, Government of India.
    - College Team Secured First Position in "Hackathon League Competition" organized by J-Hub of JNTUH, Kondagattu, Jan-2019.
    - Students Bagged FIRST PRIZE for the project on" Detecting Breast Cancer" at Computer Society of India (CSI) Colloquium, organized by SNN College of Engineering Chennai-March 2019.
    - Gangadhara Srikanth (2016-2020 Batch), HtNo: 16271A0143, Received JNTU GOLD MEDAL for academic year 2019-20.
    - Jyothishmathi Institute of Technology & Science, Karimnagar, was accrediated by NACC with 'A' Grade.

Gangadhara Srikanth (16271A0143) Received JNTU GOLD MEDAL 2019-20 Batch

Appreciation from Chairman sir to the team members for securing 1st Position in the “Hackathon League” in “RUTWHA2K1” organised by J-Hub ,JNTUH for the idea of “Cancer Prediction System(AI)”