

7.2 Best Practices

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

BEST PRACTICE- I

Upgrading the Teaching & Research Quality

Teacher is a continuous learner. Teacher has to continuously keep updating his knowledge so as to teach his students the current aspects and the updated concepts. In order to enrich his knowledge base teacher has to regularly attend FDPs, seminars, workshops, conferences. At this juncture it is worth mentioning that Faculty Development Programs (FDPs), seminars, workshops, etc. are regularly organized on the campus for enhancing and upgrading the knowledge of faculty members. Eminent persons from world class institutes/industries delivered lectures on topics related to research, management, interpersonal communication, values, ethics, various engineering disciplines etc. Such practices have a profound impact on quality enhancement and the overall development of faculty as well as students. It keeps faculty up-to-date with current areas of the discipline. It absolutely impacts the academic functioning of the Institute and facilitates the role of a teacher as educator, mentor and researcher. It brings innovation and creativity in the teaching-learning process. It develops sensitization towards the environment and other social issues.

Many of the programs are organized through MHRD and RUSA funding. Faculty members are always encouraged to organize/attend seminars, workshops and conferences. Some of the programs have been organized in association with foreign universities. Even during lockdown periods due to COVID-19, faculty members conducted/attended many webinars and got enriched with latest developments in their concerned areas of teaching and research. Some of the departments organized social activities to sensitize the people about cleanliness and health. Most of the Faculty members published research articles under Scopus Indexed, Web of Science Indexed journals and UGC CARE list of journals. Some of the Faculty members filed Patents. Fellowships are granted to the Research scholars. In some of the departments modern sophisticated equipment are available to carry out advanced research. Plagiarism check is mandatory before submitting the PhD thesis.

Sri Venkateswara University is located at the foot hills of Lord Sri Venkateswara Swamy and is considered to be the TEMPLE OF LEARNING. The campus with all natural vegetation is an ideal place to stay and learn.

Each department submits an annual report on the activities comprising academic activities, research, and extension activities. Innovations in teaching/learning, publications, staff and student

achievements, extra and co-curricular activities are also highlighted in the report. Annual reports of various departments are consolidated at the Academic section.

To ensure quality enhancement, the Institute periodically conducts the performance audit of the departments by Academic Section which includes a review of Teaching-learning methodologies, collection and analysis of feedback, research output, Faculty Development Programs attended/conducted and Extension activities, Co-curricular and extra-curricular activities conducted during the year.



REGISTRAR
REGISTRAR
S.V. UNIVERSITY
TIRUPATI.

BEST PRACTICE- II

Outcome Based Education

Pedagogy addressing Outcome Based Education (OBE) and making student-teacher intellectual development.

The objectives/intended outcomes of this best practice are:

- To facilitate an effective teaching-learning process in all the courses.
- To accomplish the holistic growth of students and enhance their learning experiences and outcomes.
- To ensure active teaching-learning through student-centered innovative pedagogies such as inquiry approach, constructive strategies, project learning, brainstorming sessions, ICT-based learning, and presentations.
- To urge the students to actively engage in concerned subjects and multi-disciplinary activities and to apply their knowledge and skills to achieve practical competency.
- To inject into students professional and ethical values, effective communication skills, teamwork and leadership qualities and the ability to relate their concerned subject issues for broader social context.
- To make students participate with confidence and succeed in competitive examinations such as GATE, UPSC, GRE, TOEFL, NET etc examinations to get a good job / pursue higher studies.

To successfully implement and obtain the required outcomes the following course delivery methods have been adopted

- 1) Lecture interspersed with discussions
- 2) Tutorial
- 3) Demonstration
- 4) Project work
- 5) Presentation
- 6) Asynchronous Discussion

For effective learning by the students they have been provided with following learning Resources.

- On-line learning system
- E-mode learning through national and international portals
- NPTEL lectures <http://nptel.iitm.ac.in>

- Stanford Engineering Everywhere (SEE) <http://see.stanford.edu/>
- MIT Open Courseware <http://ocw.mit.edu/index.htm>
- JGATE PLUS
- DOAJ (Directory of open access journals)
- INFLABNET
- UGC INFONET
- E-Shodhganga

Students are allowed to register under NPTEL/SWAYAM portal to attend four MOOCs courses in the fields of their choice and two credits are allotted to each MOOCs course. It allows the students to learn about new contents that are not included in their regular course work.

Honors and Major-minor Degrees are offered for the students.

Students are given training in the SIEMENS laboratories which were established in the campus in collaboration with SIEMENS and AP Skill Development Corporation.

Even during lockdown period online training was given to the students and online placements were conducted for the students.

With all the knowledge they gained and the training they have undergone in the campus, students got selected in campus placements and some of the students got opportunity for higher studies.


**REGISTRAR
REGISTRAR
S.V. UNIVERSITY
TIRUPATI.**