6.2.1 - The institutional Strategic plan is effectively deployed

*** Even during Covid pandemic situation all the faculty members quickly tuned themselves to the online teaching methodology and all the classes were successfully engaged without any prejudice. * Examination were conducted in the blended mode strictly following the precautions issued by the university authorities and Government of AP. * Webinars are conducted for faculty members on various quality related accepts like IPR, Entrepreneurship, Research innovations and rankings. * Training and placement for the B.Tech students were conducted in the online mode and approximately 60 to 70% of students are placed in various reputed companies.**

1) Curriculum Development: The Institution develops action plans for effective implementation of the curriculum. The teachers are allocated subjects based on their specialization and experience. Heads of the Department keep track of the progress by holding department-level meetings periodically. University rules and regulations are strictly followed. The efficient functioning of the remedial system encourages the students to perform well in their studies. Number of teachers participating in various bodies of the Institution, such as BoS and the Academic Council has increased considerably. All the programs in the College follow the Choice Based Credit System (CBCS).

2) Teaching and Learning: The faculty members identify the advanced learners. Promising students are encouraged to participate in a wide range of academic events, organized by the College or other institutions. The details on the academic performance of the students are collected through attendance and class tests are analyzed. Students Remedial System is followed for giving special coaching to slow learners. Intercollegiate competitions and seminars are arranged for the students to make them understand the recent trends in their field of study. Teachers attend Orientation and refresher courses for enriching their capabilities. Awareness programs are conducted by various departments and clubs for the students. • Modern teaching aids like interactive boards, ppts are used to improve quality of teaching. • Students are encouraged to utilize MOOCS and SWAYAM portals.

3) Examination and Evaluation: Two internal tests are conducted. Internal tests are centralized. The same pattern of question paper is used in the in-house examination. Assignments, seminars, projects practical's are conducted. Internal tests facilitate the continuous assessment of the student's progress. For practical assessments, the student is assessed by considering the attendance, observation report, record notebooks. New intimation from the university regarding revaluation of papers, the introduction of new question patterns is informed to the students through circulars.

4) Research and Development: • An office of Dean for Research Development is instituted • Research scholars and PG students are encouraged to visit different laboratories of other Universities and research organizations for literature survey and getting innovative ideas. • Vision of Research scholars is broadened through Extension Activities • Centres of excellence have been identified and developed through RUSA funds involving inter-disciplinary research. MoU with Purdue and North Eastern Universities have been signed for skill and entrepreneurship development. • Many of the interdisciplinary projects are being funded by various national funding organizations like UGC, ICAR, ICSSR, DMR TUF, MoEF CC, MoES, DST, CSIR, DBT, DRDO, ICMR and BRNS etc. • Established Research committees in all Colleges to promote qualitative, innovative and applied research, to ensure the results of research benefit the society and to take up interdepartmental research programmes. • The DST PURSE Center is an example of inter disciplinary effort where the faculty from various departments of Engineering, physical and biological sciences collaborate. • Currently individual faculty members and departments have collaborative research programmes with several national Institutes and Universities like: DRDO, IISc, BARC, CCMB, AIIMS, VIT, IICT, AP Agriculture University, MST Radar Centre (ISRO), AP Biodiversity Board, AP medicinal and Aromatic Plants Board. • Steady rise in Scopus indexed based journal publications. • Faculty members are encouraged to present research papers in International Conferences organized outside the country. • Scholars pursuing PhD are insisted to compulsorily publish papers in UGC recommended/Scopus indexed/Thompson Reuter journals only. • Students have to obtain Plagiarism Check Certificate from the concerned authority in order to submit their PhD thesis.

5) Library, ICT, and Physical infrastructures/ instrumentation: The institution encourages students to actively participate in indoor and outdoor sports activities. A compact Gymnasium enables the students to have a thorough workout. A modern language laboratory and computer labs are available. Wi-Fi facility is available in the Library for accessing the N-List journal. Students and faculty members are encouraged to utilize the available library resources.

6) Human Resource Management: Guest lectures are arranged on current topics every semester for the benefit of the students. Every department conducts seminars inviting eminent persons from other universities.• Skill development programs for students are conducted in collaboration with APSSDC-SIEMENS. • Faculty Development Programmes like Refresher courses, Orientation programmes and Training Programmes are conducted regularly under UGC-ASC. Non teaching staffs are suggested to upgrade their skills by writing departmental examinations.

7) Industry Interaction / Collaboration: Each department has its own extension activities like giving awareness programs to the students.

8) Admission of students: Students are admitted through common state level entrance examination EAMCET/ PGCET/ PGECET/ RECET. International students are also admitted in various programs.

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