Action Taken Report on observations and recommendations of PEER team report – NAAC third cycle

2.1.1 Curricular Planning and Evaluation Graduate Attributes yet to be defined	All departments have well defined Program outcomes, Course outcomes and Program specific outcomes. Graduate attributes have been defined for all programs and implemented in School of Engineering and Technology
2.1.2 Academic flexibility Open Electives in a few programs Choice of internal electives limited	• All departments offer internal as well as external electives. Departments have incorporated option to take MOOC courses • IQAC conducted Capacity building programmes for blended mode of learning to the faculty on E-Content Development, Online teaching platforms and conduction of online exams
2.1.4 Action on analysis of feedback system yet to be initiated	• Mechanism for action to be taken on feedback collected from stakeholders initiated. • Action taken includes changes in curriculum, more collaboration with industry, including project work and internships in curriculum and teacher enrichment activities • Boosting the life skills of the students to the commencement of skill development and community engagement courses
2.2.1 Decline in enrollment in few courses	Change in curriculum, publicity of programs, increased collaboration with industry. Introduction of new courses and programs, value-based courses meeting industry academia needs
2.2.2 Inadequate facilities for differently-abled students	Ramps, lifts, disabled-friendly washrooms have been constructed in all major buildings. Wheelchairs are available. Scribes for examinations; University library has JAWS and Non-Visual Desktop Access Software
2.2.3 ICT usage in lectures is limited	• Almost all departments have ICT enabled classrooms, ICT facilities are present in seminar and multi-purpose/halls. • Digital infrastructure is initiated with 12 smart boards and new live studio • FDPs conducted by IQAC to train teachers in use of online

	teaching methods. Teachers use ICT in teaching learning process.
	• Online resources supplement classroom teaching. During pandemic, uninterrupted online teaching was done using MS Teams.
2.2.5 Evaluation process and reforms Significant reforms in the system yet to be intiiated	Automation of several processes in examination is completed and is functioning. Significant reforms include automation, declaration of results in minimum time possible
2.2.6 Student performance and learning outcomes Learning outcomes not clearly defined in some courses 2.3.1 Interdisciplinary research encouraged but no provision for seed money	Outcome Based Education is adopted for all programs. All programs have clearly defined learning outcomes Several inter-disciplinary research projects have been obtained from funding agencies. Seed money is given to faculty to pursue research by the University. Center for translational research and CURIE-AI Centre provided seed money for the faculty to support the research. Transdisciplinary research centre has been initiated to promote research across the disciplines and 6 groups are selected for seed money from the centre
2.3.3 Many laboratory equipment in some departments need upgradation	The equipments are upgraded in some of the departments by using DST-FIST and other research grants.
2.2.6 Student performance and learning outcomes Learning outcomes not clearly defined in some courses	Outcome Based Education is adopted for all programs. All programs have clearly defined learning outcomes and all the programs are revised as per the NEP-2020 guidelines
2.3.4 Research publications and awards Structured policy to check plagiarism is yet to be implemented	University research policy has been developed and implemented which addresses plagiarism. Software for plagiarism check and facility to evaluate research for plagiarism is available. All scholars submit evaluation of plagiarism in thesis while submitting the same
2.4.1. Sports facilities Indoor and outdoor sports facilities need augmentation	Sports facilities have been upgraded. New equipment is purchased for indoor stadium, tracks and courts for sports and games are developed. Facilities for Yoga Centre, Outdoor stadium constructed. Received a grant of Rs.450 Lakhs under Khelo India program, work is in progress
2.4.2 Library as a resource Centre	Library has initiated several measures to increase footfall. Library

Underutilization of library facilities, seperate section for visually challenged persons needed	hour is incorporated in timetable of most departments. Seperate section for visually challenged created, JAWS and Non-Visual Desktop Access Software present. Introduction of Knimbus and Scopus digital libraries in the University during the pandemic for the utilization of e-resources both the students and faculty
2.4.4 Maintenance of campus facilities Physical infrastructure in some departments need to be augmented	Infrastructure in all departments augmented, new infrastructure created. All departments are ICT enabled with 24X7 WIFI connection
2.6.4 Financial Management and Resource Mobilisation Resource mobilisation from industry, alumni and other sources yet to be generated	Resource mobilization is done from funding agencies, alumni and through consultancy Last five years data: • Amount generated from Govt agencies: Rs.2661 Lakhs • Non-Govt agencies: Rs.378 Lakhs • Alumni: Rs.10 Lakhs • Consultancy and Corporate training: Rs.376 Lakhs • Endowment: Rs.19 Lakhs
2.6.5 Internal Quality Assurance System Documentation needs to be streamlined	IQAC documents all meetings, programs and quality enhancement initiatives. IQAC documentation is posted on University website

Institutional Weaknesses

Lack of full time faculty	All departments have full time faculty • Total number of faculty: 109 • New recruitments in period of report: 5
Number of hostels inadequate	New hostels, Manjira, Krishnaveni, Sabari have been constructed with an outlay of Rs.360 Lakhs New hostels accomodate 700 number of students. Hostels have been upgraded with a new Annapurna Dinning Hall C Mess.
Laboratory infrastrucutre in few science and engineering departments	State of art equipment purchased - HPLC, GCMS in Bionest

inadequate	X-Ray diffraction, HPTLC, DNA sequencer in DST CURIE. DST CURIE Lab with a grant of Rs.285 Lakhs DST CURIE AI lab is established with a grant of Rs.240 lakhs. Workshops and labs are established with advanced equipment in Engineering college. Schrodinger software for Molecular modelling is purchased.
Limited Sports infrastructure	Sports facilities have been upgraded. New equipment is purchased for indoor stadium, tracks and courts for sports and games are developed. Facilites for Yoga Centre, Outdoor stadium constructed. Received a grant of Rs.450 Lakhs under Khelo India program, work is in progress

Institutional Opportunities

Strengthening Engineering program and infrastructure	Engineering program is strengthened by adopting outcome-based education, defining course and program learning outcomes and defining graduate attributes. Faculty have published papers and applied/obtained patents. Classroom infrastructure is augmented, labs are up gradated with advanced equipment, multi-purpose hall has been established, placements have seen commendable improvement
Scope for advanced research in emerging areas	Faculty have published 1066 papers and obtained 52 research projects. UGC STRIDE project is obtained in "Transdisciplinary Research Initiative Centre for Adolescent Health"with a grant of Rs. 63.5 Lakhs. DST CURIE Lab with a grant of Rs.285 Lakhs, DST CURIE AI lab is established with a grant of Rs.240 lakhs and has advanced research facilities. SPMVV has campus synergy with three incubation centers.
Scope for designing and implementation of need-based training programs of social relevance	SPMVV developed YASHODA program to train *anganwadi* workers. NASI program promotes entrepreneurship among SC/ST women. Department of Sericulture conducts training program for rural women

	in making cocoon-based handicrafts under DSIR TDUWP scheme.
Strengthen placement cell, pre-placement training	Placement cell conducts continuous training programs for students which include communication skills, soft skills and personality development. Career guidance and student placements have seen a boost in the last five years. 2165 students have been placed through campus placement in the last five years.
Scope for establishing linkage with industry for collaborative research and other centers of higher learning	SPMVV has functional MOUs with Industries, Institutions and other agencies for internships and collaborative research. IISER Tirupati, SVIIMS Tirupati, Telluris Biotech India Pvt Ltd, Apramita Innovation Pvt Ltd, Press Academy of AP, British Council, Sakura Science Exchange program, Lincoln University Malaysia, Suswara Academy of Music USA, University of Oxford, Genomix CARL Pvt Ltd Kadapa, TANA USA, Blekinge Institute of Technology Sweden are some of the Institutions with which SPMVV has MOU for research.
Scope for tapping potential of girls to achieve excellence in sports	Sports infrastructure is upgraded. New equipment is purchased for indoor stadium, tracks and courts for sports and games are developed. Facilities for Yoga Centre, Outdoor stadium constructed. Received a grant of Rs. 450 Lakhs under *Khelo India* program, work is in progress. Students have participated in several regional, state level and national level sports and have won prizes.

Institutional Challenges

Attracting international students	Office of the Dean International Relations is established. International PhD programs (most of the programs) and advanced diploma program in Music and Dance is being offered in association with TANA. 21 PhD scholars are on rolls. Twinning programs in BTech (all branches) are being offered in assocaition with Blekinge Institute of Technology Sweden.
Developing linkages with corporate sector for strengthening	Placement cell established linkages with several multinational

placements	companies to facilitate placement opportunities to the students. AGS Health Pvt Ltd, Chennai; Omega Health Care, Chennai; Wipro; Dell; Genpact; Tata Chemicals; Ramdev Hospital, Hyderabad; Narayana Hospital Nellore; Apollo Hospital, Nellore; Mallemala Productions, Hyderabad, BIIRD Hospital, Tirupati; HGS company; Sri City, Tirupati; Infosys, Bangalore; IBM; CTS; Cognizant; HCL are some of the important industrial collaborations of the Univeristy that help in student placements.
Sustenance of professional courses under SFS	Several programs are being successfully offered under SFS. BioTechnology, Engineering (all branches), Business Management, Law, Computer Science and Industrial Microbiology are offering Self Financed Courses.The Demand ratio of self-finance departments is note worthy and all are maintained through self-finance fees.
Maximising benefits from MOUs	SPMVV has 52 functional MOUs with industirues and porfessional instituions. MOUs have been useful for Internships, collaborative research, incubation facilities, skill development training, promoting cooperation in academic and research programs, job oriented training and placements.
Income generation through consultancy	Consultancy policy has been developed and reviewed. An amount of Rs.96 Lakhs has been generated in consultancy in last five years including pandemic period.

Recommendation of Quality Enhancement of the Institution

Courses in Yoga, Visual arts, textiles, cosmetology may be introduced	Yoga facility has been created by Department of Physical education. Department of Communication and Journalism offers courses in Audio-visual production and Photography (core and elective). B.Voc program in Fashion Technology is introduced.
Development of running tracks other indoor and outdoor sports	Sports infrastructure is upgraded. New equipment is purchased for indoor stadium, 01 track and 29 courts for sports and games are

	developed. Facilities for Yoga Centre, Outdoor stadium constructed. Received a grant of Rs. 450 lakhs under Khelo India program, work is in progress. Number of tracks developed: Number of courts developed:
Provision of seed money for young researchers	Seed money is provided to young researchers from the University Grant Centre for Translational research, CURIE-Artificial Intelligence and Transdisciplinary research Centre.