

Subject	Progress Report
Institution	S V University College of Engineering
Place	Tirupati, Andhra Pradesh
Dates of Mentoring	March 3 – March 4, 2006
Mentor	Professor NORI PRAKASA RAO

1. GRANT OF AUTONOMIES

	Category	Present state	Remarks
i	Managerial Autonomy	Exists	
ii	Administrative Autonomy		
iii	Academic Autonomy		
iv	Financial Autonomy		

2. ACTION BASED ON AUDITOR'S REPORT

1. PROJECT IMPLEMENTATION

	Aspect	Observation	
1.1	i	Current Status of Understanding the concept and design of the project among the stakeholders	Fairly good understanding exists
	ii	State of Preparedness to move rapidly with overall project implementation	Limited by the lack of faculty in numbers
	iii	Improved Curricula, syllabi and teaching - learning process.	Revisions carried out in the Board of Studies meetings held from time to time.
	iv	Refurbishment of academic buildings	Work is going on
	v	Strengthening and modernization of academic facilities	Being done satisfactorily
	vi	Improvement in overall faculty competence and activities	Existing faculty show an improved competence through research / publications etc.
	vii	Operation of formal networking	Work to be initiated on the fronts of exchange of teachers, sharing of resources, guidance of doctoral students, joint research programmes etc.
	viii	Services to community and the unorganized sector	Satisfactory – details appended

	ix	Implementation of Tribal Development Plan	A Unit of the institute provides solutions to tribal and other economically weaker sections of the people on low cost housing, waste disposal and sanitation in village homes etc.
1.2	Action taken by the Mentor to create awareness		Made a detailed presentation of the objectives of TEQIP with all the concerned groups
1.3	Action Plan for the next six months on Services to Community and Economy, Networking and Tribal Development Plans		Had a thorough discussion with the Departmental Faculty groups and the Institute administration (see the filled up formats) (Annexure 1a, Annexure 1b, Annexure 1c)
1.4	Whether action plan attached?		yes
1.5	Action Plan based Guidance		Discussed and found that most of the faculty is keen to on implementing the Action Plan.
1.6	Observed Bottlenecks		Lack of Faculty, Several sanctioned positions vacant. Lack of enthusiasm on the part of Computer Science Department in view of lack of faculty in the Dept. to enthusiastically participate in TEQIP.
Suggestions made / Assistance sought from NPIU			
Requested the SPFU to speed up the process of recruitment for which the advertisement has already been released. (copy enclosed)			

2. Implementation of Reforms

	Aspect		Observation
2.1	Current Status of each Reform in the Institution		
	i	Creation of Institutional ambience conducive to achievement of high Institutional standards	Generally Satisfactory
	ii	Introduction of flexibility in programme offerings	Being created through offering of Electives
	iii	Usage of continuous assessment for evaluation of students' academic performance	Being practiced
	iv	Appraisal of teachers' performance by students	Exists in the system
	v	Establishment of four funds and their sizes	Stressed in the importance during meetings with the help of material given by NPIU during the Chennai meeting.

	vi	Institution of improved service package for faculty	Faculty is encouraged to participate in national and international conferences and funds are provided for acquiring and setting up of new experiments. No take-home financial incentives exist for better performance in the job.
	vii	Offer of incentives for faculty	
	viii	Mechanism for self-correction	Student feed back on faculty performance provides the needed correction.
2.2	Action taken to guide institution / BoG in implementing the reform.		Requested the VC and other BoG members to fill up the existing vacancies. Also suggested to recruit some senior level faculty positions with those who can promote industry-academia interaction through Research and Consultancy activity on industry based problems.
2.3	Information to the NPIU regarding action required to be taken at the state level.		-----
2.4	Hurdles and bottlenecks and suggestions for removing the hurdles.		-----
2.5	Time to Time progress in putting the reform in place		satisfactory
3. Improvement in Administrative and Managerial Practices			
	Aspect		Observation
3.1	Current Status		
	i	Modernization and decentralization of administration and financial management	satisfactory
	ii	Increased responsiveness to students academic and non-academic requirements	Action has been initiated but needs to be accelerated.
	iii	Increase responsiveness to faculty requirements	Good.
	iv	Increased utilization of institutional resources	Given the faculty and staff restrictions it is satisfying to note the efforts being taken to keep the facilities open for longer hours.
	v	Maintenance of academic and non-academic infrastructure and facilities	Satisfactory under the limited fund availability.
3.2	Requirement of the Institution	Manpower (Faculty and Technical)	
3.3	What guidance has been provided?	Office Automation software should be procured or developed for meeting the needs of e-administration to monitor the students academic and non academic activities, all faculty related activities, Sponsored research activities including purchase of materials, and finance related activities will be computerized with the help of this software.	

3.4	What action has been planned?	The faculty is ready to implement this for meeting the student and faculty needs.	
4. PROGRESS IN IMPLEMENTATION OF OTHER COMPONENTS COVERED UNDER INSTITUTIONAL DEVELOPMENT			
OBTAINING NBA ACCREDITATION			
4.1	i	The current status of accreditation	All the programmes running at this place have been accorded accreditation
	ii	Improved Relevance of curricula and syllabi	Good
	iii	Use of Modern teaching / learning aids and methods	
	iv	Provision of opportunities for students to improve their learning	
	v	Interaction with Industry	Exists but should become much more
	vi	Placement through Campus Interviews	Needs to be improved
	vii	Training and services offered	Activity needs to be increased
4.2	Guidance provided by mentors	Stressed on the need to improve industry interaction by involving the students to work on real life problems during the project work. Also advised them to conduct more number of skill development and knowledge / up-gradation programmes for industry.	
4.3	Bottlenecks / hurdles faced	-----	
4.4	Suggestions / Recommendations	See 4.2 above	
5. REVISION / RESTRUCTURING / RE- ORIENTATION OF EXISTING PROGRAMMES			
Aspects		Current Status	
5.1	restructuring / reorienting / revising programmes	A Thorough revision of existing programmes has just been carried out. This is a continuous process here. New elective subjects" have been introduced to bring flexibility in academic programme	

	setting up modern laboratories related to the changes in programmes	Existing laboratories have been modernized to cater to changing needs of curriculum.
	training of faculty and staff to meet the new changing needs of the programmes	Faculty is being encouraged to do MTech / Ph.D programmes as well as attend workshops, seminars and short term courses. (AnnexureIII)
5.2	Guidance provided	In view of the additional resource requirements needed for modernizing the laboratories on a continuing basis, maintaining the expensive equipment procured the importance of setting up the corpus fund and making contribution to it through the revenue resulting from consultancy and testing services offered to industry/ Government has been emphasized.
5.3	Hurdles / bottlenecks	
5.4	Suggestions / Recommendations	

6. STARTING OF NEW PROGRAMMES

	Current Status		
6.1	i	New Programmes	-----
	ii	Setting up Laboratories for new programmes	-----
	iii	Training up faculty to man the new programmes	-----
6.2	Guidance provided	Suggested making extensive use of academic material available lecture-wise on CDs to update faculty knowledge particularly for introducing new topics and courses in curriculum as well as introducing new academic programmes.	
6.3	Bottlenecks / Hurdles		

GENERAL IMPRESSION, SUGGESTIONS AND RECOMMENDATIONS

Faculty is actively involved in Research and publication work. An impressive list of publications exists for all the departments including Computer Science in spite of the heavy teaching load for the faculty.

Laboratories have been updated (in all the departments with good equipment that enables setting up of interesting experiments.

Institute is conducting Seminars and Workshops interact with participants from industry/academia to disseminate knowledge. (List of Seminars conducted can be seen in the enclosed news letter.

There is Consultancy activity in some departments but there is scope for improving the present level of consultancy / testing activity being undertaken for the industry. This is with the help of the new equipment purchased under TEQIP. The faculty has

been requested lay stress on this aspect.

Better use of resources on the web will have to be made by the students and faculty after installing a good campus-wide network immediately

The Institute is doing well on the fronts of (i) services to the community and (ii) tribal development plans. The activities completed as well as 'to be taken up' in the future are attached with this report.

Filling up of vacant faculty positions must be completed forthwith.

In view of (i) the good enthusiasm displayed by most of the faculty to improve academic excellence with TEQIP support, (ii) the work already carried out and finally (iii) with a clear cut action plan already drawn up for the forthcoming period, **the Mentor opines that the TEQIP support to the institute must continue.**