

Subject	Progress Report
Institution Place	JNTU College of Engineering Anantapur, Andhra Pradesh
Dates of Mentoring	March 2 – March 3, 2006
Mentor	Professor NORI PRAKASA RAO

1. GRANT OF AUTONOMIES

	Category	Present state	Remarks
i	Managerial Autonomy	Exists	No special action is necessary
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	A good understanding exists
	ii	State of Preparedness to move rapidly with overall project implementation	perfect
	iii	Improved Curricula, syllabi and teaching - learning process.	Regularly being done
	iv	Refurbishment of academic buildings	Buildings are in good shape
	v	Strengthening and modernization of academic facilities	Highly satisfactory
	vi	Improvement in overall faculty competence and activities	Noticeable
	vii	Operation of formal networking	More is desired
	viii	Services to community and the unorganized sector	Satisfactory – details appended

	ix	Implementation of Tribal Development Plan	An excellent book bank for the SC/ST students is being maintained in the Institute library. Plans are underway to conduct Remedial classes for the SC/ST students for bettering their academic performance is a regular feature of the Institute. Courses on soft skills development conducted for specially for sc/st students.
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		Plans are well drafted and during discussion found sufficient enthusiasm towards implementation of the plans
1.6	Observed Bottlenecks		Nothing particular
Suggestions made / Assistance sought from NPIU			
<p>1. Can some arrangement be worked out where in under TEQIP some good institutions in India and abroad are networked with each of the TEQIP supported institutions? This will open up the opportunities for faculty visits both ways which will in turn contribute to raising academic excellence through</p> <p>(i) faculty development (ii) modernization of laboratory practices and (iii) joint research activity.</p>			

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 of high Institutional standards Good and is Visible
	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. Promotion policy takes care of on the job performance. 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 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 re. 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		Highly satisfactory
3. Improvement in Administrative and Managerial Practices			
	Aspect		Observation
3.1	Current Status		
	i	Modernization and decentralization of administration and financial management	Good. No difficulties perceived.
	ii	Increased responsiveness to students academic and non-academic requirements	Waiting for the Campus-wide networking to be completed. Students will see the change for better very soon. The Network plan and the SPFU approval is enclosed.
	iii	Increase responsiveness to faculty requirements	Good.
	iv	Increased utilization of institutional resources	Library and some labs are kept open for outside the office hours. A central computing facility is being planned for a 24x7 availability.
	v	Maintenance of academic and non-academic infrastructure and facilities	Very good

3.2	Requirement of the Institution.	Need create an e-environment for all the services.
3.3	What guidance has been provided?	Advised purchasing of Office Automation software. An 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 have to be developed. Action has been initiated.
3.4	What action has been planned?	The drawn up plan for Campus-wide networking has been cleared by the State Authority along with purchase of Servers and front end computers. The required civil works are already complete and necessary furniture has been obtained. The faculty will be working out a plan for automating all services as the networking job is in progress.

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	Highly satisfactory
	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	Good but needs to be bettered to reach 100 percent level from the present 70 percent level for UG students. Post graduate student placement 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. Some ways have been discussed in the meetings.
4.3	Bottlenecks / hurdles faced		-----

4.4	Suggestions / Recommendations	See the last part of the report.	
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. Several new elective subjects” have just 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.	
5.2	Guidance provided	In view of the additional resource requirements needed for modernizing the laboratories on a continuing basis, 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. About 80 (eighty) Publications have been made this year in the international and national Journals as well as presentation in Seminars.

There is active participation of faculty in Seminars. The list of 61 faculty members who have attended Seminars this year is enclosed.

Institute is conducting Seminars and Workshops on a regular basis to interact with participants from industry/academia to disseminate knowledge. (List of Seminars conducted / proposed in enclosed).

A point to be appreciated is that practical training has been made compulsory for the batches admitted w.e.f 2005-2006. This should lead to better quality graduating students besides promoting industry/institute interaction.

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 institute is working in this direction.

Through the existing campus-wide networking, it is expected that better use of resources on the web will be made by the students and faculty.

The Institute has a Language Laboratory for developing personality and presentation skills of students.

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.

The Institute has a potential to be recognized as a good Engineering Education Centres provided (i) its standard of research level is raised (to be evidenced by publications in refereed international Journals and (ii) its interaction with industry is raised (to be evidenced by a lot of industrial consultancy projects).

Suggested to the faculty to work in this direction and get the recognition which is due.

The younger faculty have been advised to do their Ph.D work at international level institutes such as IITs, IISc. and the like.

In view of (i) the good enthusiasm displayed by 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 Institute must be given all the support and encouragement that it fully deserves.**