

Subject	Progress Report
Institution	Government Institute of Electronics
Place	East Maredpally, Secunderabad (A. P.)
Dates of Mentoring	March 13 – March 14, 2006
Mentor	Professor Nori Prakasa Rao

1. GRANT OF AUTONOMIES

	Category	Present state	Remarks
i	Managerial Autonomy	Exists	The Chairman BoG is the Director of Technical Education of A.P. and is also the State Project Advisor for TEQIP
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 New elective subject on "Micro controllers and Embedded systems" has just been introduced
	iv	Refurbishment of academic buildings	Work is progressing at a very slow pace due to the delay in starting the civil works. (Please see also item 1.6 below.)
	v	Strengthening and modernization of academic facilities	
	vi	Improvement in overall faculty competence and activities	Noticeable
	vii	Operation of formal networking	<u>Networking</u> Faculty from OUCE (institution under network) conducted a soft skills development programme for all the final year students of GIOE

	vii contd	Operation of formal networking	.An arrangement has been worked out with OUCE wherein 5 faculty members GloE will pursue their M.Tech programme at OUCE. ()
	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 Conducting remedial classes for the SC/ST students for bettering their academic performance is a regular feature of the Institute.
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 forms) (Annexure 1a, Annexure 1b, Annexure 1c)
1.4	Whether action plan attached?		Yes (Annexure II)
1.5	Action Plan based Guidance		Discussed and found the preparedness regarding implementation
1.6	Observed Bottlenecks	<p>TEQIP activity is going on smoothly.</p> <p>On specific items like Campus-wide networking and creating an ambience for e-administration, the pace has not picked up due to the slow pace of progress in civil works.</p> <p><u>All approvals for the civil works have now been obtained and the needed money for this is now sanctioned by the Government.</u></p>	
Suggestions made / Assistance sought from NPIU			
Can some of the sanctioned TEQIP funds be kept as a reserve in a Bank (account under the control of the Institution) for the maintenance of equipment purchased with TEQIP support for a period of three years beyond the warranty period provided by the suppliers of equipment?			

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	Visible

	ii	Introduction of flexibility in programme offerings	Being created through offering of Electives. Entry level flexibility is introduced for those with 10+2 qualification.
	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 conferences. They have also been provided with support to have extended stay in industry. 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.		The Chairman BoG is apprised of the problem concerning the space and the need for expediting the civil works for effective implementation of TEQIP objectives.
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.		The problem concerning the delay in starting the much needed civil works has just been solved.
2.5	Time to Time progress in putting the reform in place		Monitoring has now become essential to ensure the fulfillment of TEQIP goals. Subsequent monitoring sessions have watch closely the progress..

3. Improvement in Administrative and Managerial Practices

	Aspect		Observation
3.1	Current Status		
	i	Modernization and decentralization of administration and financial management	No difficulties perceived.
	ii	Increased responsiveness to students academic and non-academic requirements	Activity to pick up still
	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.

	v	Maintenance of academic and non-academic infrastructure and facilities	Needs improvement
3.2	Requirement of the Institution.	Immediate creation of space for initiating Campus-wide net work activity which alone will lead to the functioning of e-class rooms and e-library etc and other administrative efficiency improvement schemes.	
3.3	What guidance has been provided?	Discussed with Chairman BoG and other higher ups to facilitate this aspect. Suggested to the Principal and other staff to keep a crash schedule to use TEQIP support once the civil works are complete.	
3.4	What action has been planned?	Necessary networking approvals as well as approvals for the system procurement have been obtained. The next step viz. vendor selection and procurement of material has been initiated.	

4. PROGRESS IN IMPLEMENTATION OF OTHER COMPONENTS COVERED UNDER INSTITUTIONAL DEVELOPMENT

OBTAINING NBA ACCREDITATION

4.1	i	The current status of accreditation	The institute has completed all the work from its side to get the accreditation for all its programmes. It is waiting for the AICTE to send its teams for a decision on accreditation.	
	ii	Improved Relevance of curricula and syllabi	visible	
	iii	Use of Modern teaching / learning aids and methods	Still to pickup	
	iv	Provision of opportunities for students to improve their learning	fair	
	v	Interaction with Industry	Exists but should become much more	
	vi	Placement through Campus Interviews	Excellent	
	vii	Training and services offered	Activity needs to be increased	
4.2	Guidance provided by mentors	Stressed on the need to improve the internal revenue generation through augmented facilities in different laboratories. Advised also to conduct Training and skill updating Programmes for technicians from industry.		
4.3	Bottlenecks / hurdles faced	-----		
4.4	Suggestions / Recommendations	Please see Page 6.		

5. REVISION / RESTRUCTURING / RE-ORIENTATION OF

EXISTING PROGRAMMES			
Aspects		Current Status	
5.1	restructuring / reorienting / revising programmes	New elective subject on “Micro controllers and Embedded systems” has just been introduced. Courses have been redesigned to facilitate admission of students with SSC as well as ISC qualification (under Multi-Point Entry Credit System MPEC)	
	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 (see 1.1.vi). Faculty is also encouraged to 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 <u>consultancy and testing services offered to industry/ Government</u>) has been emphasized.	
5.3	Hurdles / bottlenecks		
5.4	Suggestions / Recommendations		
6. STARTING OF NEW PROGRAMMES			
	Current Status		
6.1	i	New Programmes	For the existing 3.5 year diploma programme entry at an advanced level has just been created for those having +2 qualification
	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

This institution offers programmes at Diploma level for students with SSC background. In the light of this, the research, publication activity is not visible.

However, the academic programmes are being handled with great care which is evidenced by 100 percent placement of students.

A point to be appreciated is that all the students go through a six month internship in an industry as a requirement for being awarded the Diploma.

There is scope for improving the present level of consultancy / testing activity being undertaken for the industry. This is because 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 good Language Laboratory for developing personality and presentation skills of students. They are also planning to introduce formally, course material on ethics which is very welcome aspect.

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.

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 get the continued support under TEQIP**