

TEQIP Academic Audit Report			(Second)
Name of Auditor	Professor Nori Prakasa Rao	Dates of visit	21 - 22, April 2006
Name of Institution	J N T U College of Engineering	Location	Kakinada (A.P.)
Summary Evaluation			

Sl. No.	Performance Audits	Overall average perceived score, out of 10 *	Auditors Observations/Suggestions
1.	Project Implementation	8.0	Activities under Formal networking need to be increased. Tribal Development activity has to be taken up with more commitment,.
2.	Implementation of institutional reforms	7.8	Flexibility in academic course offering should be brought about through free electives. Corpus fund should swell through industry interaction.
3.	Administrative and managerial efficiency improvement	8.1	A market change towards better will appear only after the Campus-wide network jobs is completed. Maintenance of buildings and premises can improve only with the availability of funds which are to be generated.
4.	Quality of education, training and services	8.0	Interaction with industry exists in some departments but it has to extend to all departments.

* The score may be brought forward from the four performance audits.

Auditor's overall score for the overall performance of the institution (out of 10):

8.0

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1. Performance Audit - Project Implementation			

Sl. No.	Aspect related to Project Implementation	Overall average perceived score, out of 10	Auditors Observations/Suggestions
1.	Project ownership amongst functionaries, faculty and students	9.5	Very Good
2.	State of preparedness to move rapidly with overall project implementation	9.5	
3.	Improved curricula, syllabi and teaching-learning process	8	The University controlled activity should leave some flexibility to the constituent colleges.
4.	Refurbishment of academic buildings	8.5	Good but needs to be better
5.	Strengthening and modernization of academic facilities	8.5	Good and will be better very soon

Note: Perceived score is the one assessed by the Auditor based on FGDs, discussions with Principal/ Director and others, visits to various facilities and the impression based on the responses in the filled in questionnaires

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1. Performance Audit - Project Implementation (Contd.)			

Sl. No.	Aspect related to Project Implementation	Overall average perceived score, out of 10	Auditors Observations/Suggestions
6.	Improvement in overall faculty competence and activities	8.5	Improvement is perceptible
7.	Operation of formal networking	6.5	More is desired
8.	Services to community and the unorganized labor force	8.5	Okay and future planning is also good.
9.	Implementation of Tribal Development Plan	4.5	Needs to be better.
	Overall Average Score	$72/9 = 8.0$	

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2. Performance Audit - Implementation of Institutional Reforms			

Sl. No.	Aspect related to Project Implementation	Perceived Score, out of 10	Auditors Observations/Suggestions
1.	Creation of institutional ambience conducive to achievement of high institutional standards	9.0	Very Good
2.	Introduction of flexibility in program offerings	7.0	Lot more is desired.
3.	Usage of continuous assessment for evaluation of students' academic performance	9.0	Exists and is ok
4.	Appraisal of teachers' performance by students	8.0	Exists
5.	Establishment of four funds and their sizes	5.0	Funds need to swell which requires a boost in revenue.

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2. Performance Audit - Implementation of Institutional Reforms (Contd.)			

Sl. No.	Aspect related to Project Implementation	Perceived Score, out of 10	Auditors Observations/Suggestions
6.	Institution of improved service package for faculty	8.0	All facilities are provided to the needy and deserving faculty. However, there are no performance linked direct cash incentives.
7.	Offer of incentives to faculty	8.0	
8.	Mechanisms for self –correction	8.0	Exists through student feed back
	Overall Average Score	$62/8 = 7.8$	

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3. Performance Audit - Improvement in Administrative and Managerial Efficiencies

S. No.	Aspect related to Project Implementation	Perceived Score, out of 10	Auditors Observations/Suggestions
1.	Modernization and decentralization of administration and financial management	8.0	Creation of Dean positions and assigning responsibility with commensurate authority may get good results.
2.	Increased responsiveness to students academic and non-academic requirements	8.5	Improved since last auditing
3.	Increased responsiveness to faculty requirements	8.5	
4.	Increased utilization of institutional resources	8.0	Can be better. The need will felt after the Campus-wide Network is in place.
5.	Maintenance of academic and non-academic infrastructure and facilities	7.5	Requires money to be raised through increased industry interaction.;
	Overall Average Score	$40.5/5 = \mathbf{8.1}$	

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4. Performance Audit - Quality of Education, Training and Services			

S. No.	Aspect related to Project Implementation	Perceived Score, out of 10	Auditors Observations/Suggestions
1.	Accreditation status	10	Very Good. Curriculum can be improved through offer of electives to students on an interdepartmental basis.
2.	Improved relevance of curricula and syllabi	9.0	
3.	Use of modern teaching/learning aids and methods	8.5	
4.	Provision of opportunities to students to improve their learning	8.0	
5.	Interaction with Industry	7.0	Needs to improve in most of the departments. There is some activity in the Civil Engineering Department.

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5. Performance Audit - Quality of Education, Training and Services (Continued)			

6.	Placement through campus interviews	8.5	Must improve for Post graduate programmes.
7.	Training and services offered	5.0	The resources acquired under TEQIP will have to be better used to improve performance on this head.
	Overall Average Score	$56/7 = 8.0$	

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General Impression and Observations

The last Academic Audit was carried out during October 6 - 7, 2005. Since then several welcome changes have taken place in the College. These changes will contribute to the promotion of academic excellence in the College.

1. All the stakeholders of the College have got a clear idea of TEQIP and its objectives.
2. They are all participating in the TEQIP activities to utilize the resources provided more effectively.
3. Administrative Efficiency has been improved through the clearly defined authority and responsibility of the various academic administrative positions.
4. A well thought out campus-wide networking plan is prepared and good part of the job is already completed. In all about 1000 network points are being created so that all the Computers existing and proposed to be acquired will have access to the high speed internet. The job is expected to be completed by another one month.
5. Consultancy activity is more visible in some departments like Civil Engineering. In case of others it has still to pick up.
6. **Faculty is active on the research front.** In all 7 Ph.Ds have been produced during this period and more are at different stages of completion.
7. **Publication activity is also good front as evidenced by list publications, conducting of work-**

shops and seminars. (partial list enclosed).

8. **Several programmes have been conducted under community services and more are in the offing.**
9. Some amount of work under "Networking has taken place in the form of sharing of resources and joint Ph.D guidance etc. but more is desired on this aspect.
10. E-Administration activity is being planned once the Campus-wide Networking job is completed.
11. Newly constructed student hostels are good. Plans are there to provide networked computers here and give internet access.
12. In all the Departments, e-class room and seminar hall facility is being created.
13. There is a need for increasing the level of Research Activity and its quality. Industrial Consultancy and testing activity has to be promoted much beyond its present level and it is hoped

that with the vacancies in the faculty positions at senior level, just having been filled up, filled up, more teachers will be contributing to eliminate this deficiency.

14. Overall the Progress made since last auditing is extremely satisfactory.

Name of the Institution Receiving TEQIP Funding and its Location	JNTU College of Engineering, Kakinada (Andhra Pradesh)
Name of the Auditor	Professor Nori Prakasa Rao
Dates of Second Audit	21 – 22 April, 2006
Departments Visited	Civil Engineering, Computer Science and Engineering, Electrical Engineering, Electronics & Communications Engineering, Mechanical Engineering
Facilities Visited	Departmental Offices, Workshops, Library, Student Hostels
Discussions held with	Governing Body Members, Principal, TEQIP nodal officer, Vice Principal, Faculty in-charge of academic functions such as examinations, curriculum development etc. Heads of the Departments, Professor in charge of Placement, Faculty Members Hostel Wardens, and Students
Documents Enclosed with this Report	Response Sheets I, II, III and IV Partial list of publications.
<p>Special Observation made during the visits to Departments Since May 2004 till now, large number of papers has been published by faculty in refereed international journals. Several papers have been published in National journals as well as in the National and International Conferences. Many Programmes for community development have also been conducted. The equipment procured so far has been commissioned and put to use. The library has several books procured with TEQIP support. The Placement situation has improved considerably, though more effort would be in order in the case of Post graduate students. Some interaction with industry exists but more is needed. A Partial list regarding publications, conferences held, attended etc. is enclosed herewith.</p>	