

<b>Auditors Report (Second)</b>			
<b>Name of Auditor</b>	<b>Professor Nori Prakasa Rao</b>	<b>Dates of visit</b>	<b>24 - 26 April 2006</b>
<b>Name of Institution</b>	<b>Andhra University College of Engineering</b>	<b>Location</b>	<b>Visakhapatnam (A.P.)</b>
<b>Summary Evaluation</b>			

Sl. No.	Performance Audits	Overall average perceived score, out of 10 *	Auditors Observations/Suggestions
1.	Project Implementation	7.2	Perceptible improvement since last auditing
2.	Implementation of institutional reforms	7.5	Perceptible improvement since last auditing
3.	Administrative and managerial efficiency improvement	8.0	Perceptible improvement since last auditing
4.	Quality of education, training and services	7.7	More effort is desired on Training and Services.

\* 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):**

**7.8**

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<b>1. Performance Audit - Project Implementation</b>			

<b>Sl. No.</b>	<b>Aspect related to Project Implementation</b>	<b>Overall average perceived score, out of 10</b>	<b>Auditors Observations/Suggestions</b>
1.	Project ownership amongst functionaries, faculty and students	10	Complete
2.	State of preparedness to move rapidly with overall project implementation	9	Extremely good
3.	Improved curricula, syllabi and teaching-learning process	8	More flexibility in curriculum is desired
4.	Refurbishment of academic buildings	7	Work is still going on
5.	Strengthening and modernization of academic facilities	8	Appreciable

**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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<b>1. Performance Audit - Project Implementation (Contd.)</b>			

<b>Sl. No.</b>	<b>Aspect related to Project Implementation</b>	<b>Overall average perceived score, out of 10</b>	<b>Auditors Observations/Suggestions</b>
6.	Improvement in overall faculty competence and activities	8	Enthusiasm is evident in faculty activities. They are making use of facilities created.
7.	Operation of formal networking	7	This activity has to pick up to a much greater level
8.	Services to community and the unorganized labor force	5	Improved since last audit but more directed effort is desired to help unorganized labour force as well as Tribal groups.
9.	Implementation of Tribal Development Plan	3	
	Overall Average Score	$65/9 = 7.2$	

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<b>2. Performance Audit - Implementation of Institutional Reforms</b>			

<b>Sl. No.</b>	<b>Aspect related to Project Implementation</b>	<b>Perceived Score, out of 10</b>	<b>Auditors Observations/Suggestions</b>
1.	Creation of institutional ambience conducive to achievement of high institutional standards	9	Very Good
2.	Introduction of flexibility in program offerings	7	More is desired through interdisciplinary electives.
3.	Usage of continuous assessment for evaluation of students' academic performance	8	exists
4.	Appraisal of teachers' performance by students	8	exists
5.	Establishment of four funds and their sizes	5	Have been created. They now need to be swollen along the direction provided by NPIU.

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<b>2. Performance Audit - Implementation of Institutional Reforms (Contd.)</b>			

<b>Sl. No.</b>	<b>Aspect related to Project Implementation</b>	<b>Perceived Score, out of 10</b>	<b>Auditors Observations/Suggestions</b>
6.	Institution of improved service package for faculty	8	Faculty is given full encouragement to participate in Seminars/Workshops. Funds are provided to meet the Research needs.
7.	Offer of incentives to faculty	7	No direct cash incentives but all the support needed is provided to excel in academic activity.
8.	Mechanisms for self –correction	8	Through Student feed back and Support of the Institution to get over any problems.
	Overall Average Score	<b>60/8 = 7.5</b>	

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<b>Name of Institution</b>	Andhra University College of Engineering	<b>Location</b>	Visakhapatnam (A.P.)

### 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	9	Decentralization carried out by grouping the functions and appointing Deans etc. with clearly assigned responsibility and authority
2.	Increased responsiveness to students academic and non-academic requirements	7	Waiting for the Campus-wide network job to be completed in full. It is at a satisfactory level now.
3.	Increased responsiveness to faculty requirements	8	
4.	Increased utilization of institutional resources	8	The facilities are kept available beyond office hours.
5.	Maintenance of academic and non-academic infrastructure and facilities	8	Quite satisfactory
Overall Average Score		<b>40/5 = 8.0</b>	

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<b>4. Performance Audit - Quality of Education, Training and Services</b>			

<b>S. No.</b>	<b>Aspect related to Project Implementation</b>	<b>Perceived Score, out of 10</b>	<b>Auditors Observations/Suggestions</b>
1.	Accreditation status	10	Complete
2.	Improved relevance of curricula and syllabi	8	Being achieved, through Board of Studies Meetings, held at regular intervals.
3.	Use of modern teaching/learning aids and methods	8	Very satisfactory
4.	Provision of opportunities to students to improve their learning	9	Highly satisfactory
5.	Interaction with Industry	6	Exists - but much more is needed with the kind of TEQIP support provided.

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<b>5. Performance Audit - Quality of Education, Training and Services (Continued)</b>			

6.	Placement through campus interviews	8	UG placement stands at 67% out of 330 outgoing students. Great improvement over the last year situation. PG Placement needs to improve considerably. Placement Cell is very active.
7.	Training and services offered	5	More effort is to be put up.
	Overall Average Score	$54/7 = 7.7$	

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<b>General Impression and Observations</b>			

**The last Academic Audit was carried out during September 26 -27, 2005. Since then several changes have taken place in the College. These are very welcome changes and have contributed 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 creation of the positions of Vice-Principal, Deans etc. with the clearly defined authority and responsibility of these created positions.
4. A well thought campus-wide networking plan is prepared and good part of the job is already completed.
5. **Faculty is active as evidenced by publications, conducting of workshops and seminars.**
6. 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.
7. E-Administration activity is being planned once the Campus-wide Networking job is completed.
8. Student hostels are already provided with computers and internet connectivity.
9. Most of the Departments have e-class room and seminar hall facility. The remaining will be provided with this soon.
10. 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 filled up, more teachers will be contributing to eliminate this deficiency..**
11. **Overall the Progress made since last auditing is extremely satisfactory.**

Name of the Institution Receiving TEQIP Funding	Andhra University College of Engineering
Location of the Institution	Visakhapatnam, Andhra Pradesh
Name of the Auditor	<b>Professor Nori Prakasa Rao</b>
Dates of Second Audit	24 – 26 April, 2006
Departments Visited	Civil Engineering, Chemical Engineering, Computer Science and Engineering, Electrical Engineering, Geo Engineering, Instrumentation Technology, Electronics & Communications Engineering, Marine Engineering, Mechanical Engineering, Metallurgical Engineering
Facilities Visited	Departmental Offices, Library, Student Hostels
Discussions held with	Vice Chancellor, Governing Body Members, Principal, TEQIP nodal officer, Vice Principal, OSD, Deans, Heads of the Departments, Professor in charge of Placement, Faculty Members and Students
Documents Enclosed with this Report	Response Sheets I, II, III and IV Presentation made by the Principal on behalf of the Institution.
<p><b>Special Observation made during the visits to Departments</b>  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, <b>though more effort would be in order in the case of Post graduate students. More interaction with Industry is still desired.</b>  <b>Presentations made in the departments that Support the above statements are retained with the Academic Auditor.</b></p>	