

**TEQIP MENTORING REPORT ON RAJEEV GANDHI MEMORIAL COLLEGE
OF ENGINEERING & TECHNOLOGY (RGM CET), NANDYAL , KURNOOL
DISTRICT, ANDHRA PRADESH DURING MARCH 18th & 19th, 2006
BY Prof. C. RADHAKRISHNA**

The visit of Dr. C. Radhakrishna, TEQIP Mentor to RGM CET, Nandyal was organized by SPFU, Andhra Pradesh during March 18th & 19th, 2006.

The Chairman: Dr. M. Santhi Ramudu, the Managing Director: Mr. M. Sivaram, the Principal of the college: Dr. M. Subbarayudu and the Administrative Officer & TEQIP Coordinator : Mr. R. Thyagaraju, have cooperated well during the entire visit and assisted the Mentor in conducting the various items of the programme as per the schedule proposed by SPFU. During the visit to various Departments, Laboratories and Library, the focus is more on all the activities under TEQIP and TEQIP beneficiary units, equipment, software, books etc.,

The following items of the Report are as per the 'Format for Reporting Progress of Mentors' and the observations are the result of discussions with the Principal, HoDs, Managing Director of the College, TEQIP Coordinator & Nodal Officers and senior teaching faculty.

I. Grant of Autonomies:

This is concerning the following four autonomies: Managerial, Administrative, Academic and Financial.

1. The current status of autonomies in all four dimensions is assessed and found to be satisfactory in their functioning. Of course, the Academic autonomy is limited to a great extent by the affiliating University, JNTU.
2. At this stage of development of the College, the current status of autonomy is considered by the college to be at the appropriate level. However, few areas are discussed for exploring further improved autonomy. Development of a suitable Action Plan and its implementation methodology are initiated.
3. No serious bottlenecks are identified; but the teaching faculty should build a culture of inspiring students by imparting additional knowledge to the students with information beyond the text book material.

4. No special actions are at present required by the State Government to improve the existing situation of autonomy further.
5. Awareness about TEQIP already exists in the college. However increased awareness has been created among the members of BoGs, HoDs, other staff and students.
6. The concept of 'delegation of powers' at different levels of college set up does not exist in a total sense.

II. **Actions on shortcomings reported by Auditors in the First Quality Performance Audit (OPA) conducted in October / November, 2005:**

a. **Project Implementation:**

1. Current status on understanding the concept and design of the Project among the stakeholders (faculty/staff/BoG and students) of the Institution is satisfactory. However, detailed awareness of TEQIP regarding the intricacies and implications of time-bound completion of activities needs to be further improved among the external members of BoG, students and non-teaching staff.
2. Methodology for the development of suitable Action Plan to create complete awareness of TEQIP has been discussed and clearly worked out.
3. Development of Action Plan for the next six months on 'Services to Community & Economy', 'Networking' and 'Tribal Development Plan' has been discussed. The information regarding the activities identified by the college has been compiled in the set formats specified by SPFU and the same is enclosed.
4. Development of Action Plan proposed to be finalized by the college has been discussed. The Principal and TEQIP Coordinator have promised that the final version of the Action Plan will be submitted to SPFU positively by the first week of May, 2006.
5. Since the Action Plan will be the result of responsible initiative from the College, the methodology for effective implementation will be evolved with suitable guidance.
6. No serious bottlenecks are identified and no special assistance is required from NPIU at this stage of development.
7. Extent of awareness of TEQIP has been assessed through interaction with the stakeholders and the TEQIP team created within the college has been entrusted with the responsibility of achieving the task of reaching the level of complete awareness.

b. **Implementation of Reforms:**

1. It is a fact that the college is not fully aware of the implications of reforms and the process of introducing in a phased manner.
2. Discussion on the content of 'Guidelines on Implementation of Reforms' prepared by NPIU (Feb, 2006) is initiated; but it needs to be further analysed to enable the College for customization to their existing environment.
3. Network Institutions need to be taken up with a different status compared to non-TEQIP institutions regarding the implementation of reforms. State Government should be accordingly advised by NPIU.
4. Existing academic administration and management of Private Engineering colleges contain number of hurdles and bottlenecks for realistic implementation of the proposed reforms. The college is advised to evolve their own Action Plan and then suitable suggestions will be discussed for removing hurdles.
5. Implementation of reforms in a time phased manner with evaluation of effectiveness of each reform is proposed and planned at regular intervals of time with transparent dissemination of progress.

c. **Improvement in Administrative and Managerial practices:**

1. After discussions with TEQIP team, it is learnt that the current status of existing practices is fairly satisfactory.
2. Even though the college exhibits satisfactory environment, it is found that the requirement is more than the existing level.
3. Methods to bridge the gap between the required level and existing level are discussed.
4. A suitable Action Plan is being prepared by the TEQIP team, based on the suggestions evolved during the discussions.

III. Progress in Implementation of other components covered under Institutional Development:

A reference is made to the CIP prepared and submitted by the college. An important point to be considered in this context is that the receipt of the financial input under TEQIP with final approval has been communicated to the college only during November / December, 2005. Hence, the planning schedule proposed already in CIP requires modification to organize the proposed activities, which are required to be completed within the upper time limit of TEQIP.

(a) Obtaining NBA Accreditation:

- (i) Out of the total six B.Tech branches existing at present in the college, the following four branches are already accredited by NBA: ECE, EEE, CSE, ME. The three year period of accreditation is upto the end of this academic year. The remaining two branches : IT and EIE were not accredited in the past. The college also offers at present, four specializations at M.Tech level: Power Electronics, Machine Design, Digital Systems & Computer Electronics and Computer Science and all these programs have not been accredited by NBA.
- (ii) The college is submitting afresh for Accreditation of the two non-accredited branches of B.Tech and for extension of already accredited four branches in July, 2006. The M.Tech programmes are proposed to be taken up after complete accreditation of all B.Tech branches.
- (iii) No serious bottlenecks and hurdles are noticed in the accreditation process.
- (iv) The importance and need for accreditation of all programmes are discussed and the TEQIP team is now seriously motivated to immediately proceed with the accreditation process.

(b) **Revision / Restructuring / Re-orientation of existing programmes:**

- (1) Already proposed programmes in the present CIP need modifications in the form of Revision / Restructuring / Re-orientation of existing programmes, in view of the late starting of TEQIP activities. This is the current status.
- (2) The modifications required in the programme are discussed and suitable suggestions are evaluated to be taken up in a prioritized manner. The TEQIP team promised that the details of modifications will be finalized and submitted by first week of May,2006.
- (3) Preferred order of prioritized activities based on the importance and with little hurdles / bottlenecks are proposed to be prepared by the college. No serious difficulties are expected in this process.
- (4) Suggestions proposed are discussed and it is recommended that the programmes are demand-driven with built-in flexibility. Awareness and training is recommended to faculty to meet the changing needs of the programmes.

(c) **Starting of New Programmes:**

- (1) New programmes, Labs, Training needs and Teaching Learning systems are identified by the College and the final versions of proposals are being completed. The details are promised to be completed by the first week of May, 2006
- (2) Various proposals are discussed with importance to the thrust areas of technological developments. Possible areas to explore the availability of required information are discussed.
- (3) No serious hurdles / bottlenecks are expected in this process.
- (4) All the suggestions are discussed based on prioritized order of importance and current relevance.