

Format for Mentor's Reports

Name of the Institution and location: **UVCE, Bangalore**

Dates of this visit: (From....To....) **March 13 2014**

Name of the Mentor: **Prof R Natarajan**

A. Interaction with UG students

Issues and suggestions that emerged	Recommendations made by mentor to the Head of Institution	Progress in implementation of recommendations made during the previous visit
<ul style="list-style-type: none"> • General level of satisfaction with Teaching • Desire more application-oriented teaching-learning • Exposed to NPTEL lectures for 1 hr/week. 	<ul style="list-style-type: none"> • There is a general sense of complacency among the students; they should be infused with more enthusiasm and aspirations. Enhance classroom experience. • Visiting faculty from Industries, Industrial Visits and Internships. • Cumbersome process of interviewing candidates for appointment as visiting Faculty. 	<ul style="list-style-type: none"> • Employed as Guest Faculty from industries like SAP, Oracle, Samsung, TCS, UNISYS, EMC² to name a few • About 100 UG/PG students have taken internships
<ul style="list-style-type: none"> • Very little use of Technology for enhancing learning effectiveness. 	<ul style="list-style-type: none"> • Equip classrooms with facilities for power-point projection, OHPs and Faculty to be trained to use multimedia for enhancing learning effectiveness. 	<ul style="list-style-type: none"> • Each Department is provided with two OHP and one Interactive Board. Provision has been made in TEQIP-II to enhance these facilities.
<ul style="list-style-type: none"> • Separate website for Placement-related matters. 		<ul style="list-style-type: none"> • Facebook (UVCE Placement Portal) has been created to post all the placement related matters which is very active and useful

<ul style="list-style-type: none"> • Class sizes too large – classrooms and Labs are overcrowded. Acute shortage of classroom and lab spaces. Faculty members are also distressed about the situation. 	<ul style="list-style-type: none"> • In order for TEQIP to bear results, the University must urgently sanction funds for addressing this issue. 	
<ul style="list-style-type: none"> • Delays in announcement of Exam Results, for example, 4 months, impacting recruitment of Graduates, particularly in comparison to VTU students. 	<ul style="list-style-type: none"> • University to be persuaded to shorten the period for announcement of Results. College autonomy will help to alleviate this problem. 	<ul style="list-style-type: none"> • Brought to the notice of the Registrar (Evaluation), Bangalore University, Bangalore, in this regard. • Communication made to the Registrar (Evaluation) to make arrangements to announce the results of just completed exams at the earliest .
<ul style="list-style-type: none"> • No industrial tours, industrial visits. • No special efforts for weak students. • Registration process too cumbersome. • Obsolete Surveying equipments. 	<ul style="list-style-type: none"> • Must introduce them. • Must address this problem. • Must streamline Registration processes. Must employ IT for this and other areas, such as Library. • All Labs to be modernized. 	<ul style="list-style-type: none"> • Industrial Visits existing in the UG Programmes of Civil, Mechanical and Electrical Engineering • Electronics and Computer Science students are taking up industrial visits once a semester through IEEE

B. Interaction with PG students

Issues and suggestions that emerged	Recommendations made by mentor to the Head of Institution	Progress in implementation of recommendations made during the previous visit
<ul style="list-style-type: none"> • In general, placements are quite difficult. • Delays in release of GATE Scholarships by University. • Some dissatisfaction with the administrative functioning of the Institution. • Need for Industrial Tours. • Demonstration-type classes required for Labs. • Preparation for facing placement interviews. 	<ul style="list-style-type: none"> • Separate Placement Coordinator for PG Students. • The administrative matters causing student dissatisfaction need to be redressed. • TEQIP funds to be used as per IDP to remove the shortcomings. 	<p>Actions need to be taken</p>

C. Interaction with the faculty

Issues and suggestions that emerged	Recommendations made by mentor to the Head of Institution	Progress in implementation of recommendations made during the previous visit
<ul style="list-style-type: none"> • Acute and severe lack of classroom and Lab space. • Existing University procedures discourage the faculty from undertaking Sponsored Research projects and Consultancy assignments. • Acute scarcity of permanent staff- posts not filled as per sanctioned strength. • Extensive dependence on visiting faculty; delays in identifying and assigning Visiting faculty. Remuneration unattractive to good VF. • Much equipment not functioning because of poor maintenance. • Very limited internet 	<ul style="list-style-type: none"> • Many of the deficiencies require urgent University attention. 	<p>With the impending proposal to divide the University into five separate smaller universities, with full autonomy to UVCE, the situation is expected to improve.</p>

connectivity; across the road, SKJCIT has been given 1 GB connectivity; to be extended to UVCE – University action required.		

D. Interaction with staff

Issues and suggestions that emerged	Recommendations made by mentor to the Head of Institution	Progress in implementation of recommendations made during the previous visit
<ul style="list-style-type: none"> • Some areas for Training: Library Management; Maintenance of Computer and allied equipment; Soft Skills; Testing and Servicing of electronic equipment; Advanced training in Machine Tools • No recruitment of Staff for many years; 100 vacancies at present. 	<ul style="list-style-type: none"> • TEQIP- II to address these needs. 	<p>Progress needs to be made.</p>

E. Interaction with senior functionaries of the institution

Issues and suggestions that emerged	Recommendations made by mentor to the Head of Institution	Progress in implementation of recommendations made during the previous visit
<p>There are serious problems relating to: filling up of sanctioned posts, appointment of Visiting Faculty, Repairs and Maintenance, NBA accreditation, Deputation of Faculty and Staff for Training and Development (the formats and procedures need to be simplified, otherwise no activities under this head can be undertaken), lack of cohesive and cooperative decision-making, many items of basic infrastructure are lacking because of lack of attention by University (for example lack of approval by University for providing appropriate space for housing Equipment bought under</p>	<p>The Principal to seek reconstitution of BoG; Obtain approvals for creating necessary infrastructure and repair and maintenance, filling up of vacancies; appointing Visiting faculty; applying for NBA accreditation; taking the help of NPIU and SPFU for all TEQIP-related activities. Prioritize the activities and take urgent action on pending matters, keeping the timelines proposed in the IDP.</p>	<p>A separate TEQIP “Board of Governors “has been constituted, with the Bangalore University VC as the Chairman. Several faculty and staff posts vacant.</p>

Phase-I)		

F. Interaction with Industry/R&D Organizations/Industry Associations

Interacted with Persons from BHEL, Kennametal, and a few others; some are alumni of the college. Industry personnel involved in curriculum revision through Boards of Studies.

G. Interaction with Chairperson and/or members of BOG

Suggestions/views/decisions given	Progress in implementation of suggestions/views/decisions. If implementation delayed or progress in implementation unsatisfactory, give the reasons for the same.
<ul style="list-style-type: none"> Urgent action required on : Filling up of Faculty and Staff vacancies; Maintenance of Buildings and Equipment 	The forthcoming RUSA project is expected to address some of these problems.

H. Interaction with the Head of Institution and the Project Coordinator and Nodal Officers

The mentor should give brief notes on:

- a) Progress in implementation of various aspects of the project,
- b) Shortfalls in project implementation, and actions decided for increasing the pace of implementation and achievement of targets,
- c) Issues arising out of meetings with the students, faculty, staff and senior functionaries, and the actions decided to resolve the issues and improve compliance with the associated recommendations made by the mentor,

- d) Problems faced in exercise of autonomies, and how these could be overcome, and the actions decided to overcome these problems, and
- e) Identification of any special help required by the institution, which could be arranged by the SPFU and/or the NPIU.

H Interaction with Principal and Project Coordinator and Nodal Officers

- UVCE is a constituent College of Bangalore University, which is considered to be an autonomous Institution. However, there are serious issues of lack of academic, administrative and financial autonomy, in as much as all approvals are to be received from the University. There is no decentralization of powers, especially to the Principal by the University.
- Since the project took some time for getting approved, in the Revised IDP, the timelines have been moved forward.
- The IDP needs to have a revision in terms of the data presented about the *Institutional Basic Information*. I have made specific suggestions to the Principal.
- The work is distributed among several faculty members, who are designated as Nodal Officers.
- Not much progress in Institutional Governance self-review.