

Format for Mentor's Reports

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

Dates of this visit: (From....To....) **Nov 2 2015**

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">• The last UG curriculum revision was effected in 2011	<ul style="list-style-type: none">• It is time for another revision	
<ul style="list-style-type: none">• Process control trainer of EE Dept. is operational; good utilization by students		
<ul style="list-style-type: none">• Leaky classrooms, library; seepage of water• Power outlets in many classrooms do not work; as also lights and fans.• CROs are under repair• Washrooms are neither sufficient, nor maintained properly.	<ul style="list-style-type: none">• The University Maintenance section is to repair them. Continuous persuasion is required.	

<ul style="list-style-type: none"> • Students are required to purchase components like resistors, capacitors 	<ul style="list-style-type: none"> • This is a very serious matter and requires immediate attention by HoDs and Principal. 	
<ul style="list-style-type: none"> • Considerable delay in declaring exam results, with serious consequences for the students. 	<ul style="list-style-type: none"> • The University must be persuaded to shorten this period. 	

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"> • Licence for IEEE and ACM journals not renewed 	<ul style="list-style-type: none"> • These are important knowledge resources and urgent action must be taken 	
<ul style="list-style-type: none"> • Internet bandwidth is only 100 MBPS, while right across the street, in SKJIT, it is 1 GBPS. 	<ul style="list-style-type: none"> • NMKN network should be accessed by the College and bandwidth must be enhanced. 	
<ul style="list-style-type: none"> • Placements are, in 	<ul style="list-style-type: none"> • Internships are one way to boost placements. 	

<p>general, poor in all branches.</p>	<ul style="list-style-type: none"> • Pre-placement training will also help. 	
<ul style="list-style-type: none"> • Registration processes are cumbersome 	<ul style="list-style-type: none"> • Need streamlining and are to be made more efficient. 	
<ul style="list-style-type: none"> • TEQIP funds are utilized for attending national conferences. • No digital library. • Limited use of TEL resources in classrooms. 		

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 scarcity of Faculty; vacancies are not filled up. Retirements are not replenished. At the same time student 	<ul style="list-style-type: none"> • The University and the State Govt. must be persuaded to rectify the situation. 	

<p>strength has been enhanced.</p>		
<ul style="list-style-type: none"> • There is a strong feeling that no charges should be levied for use of SEM 	<ul style="list-style-type: none"> • It is explained that it is for maintenance and spares. 	
<ul style="list-style-type: none"> • Power Electronics Lab and Control & Instrumentation Lab have been upgraded through TEQIP funds 		
<ul style="list-style-type: none"> • No wi-fi in the College • Many types of equipment are outdated and obsolete. 	<ul style="list-style-type: none"> • Urgent action is required to rectify the situation. 	
<ul style="list-style-type: none"> • Filling up of SAR is taking too much time. 	<ul style="list-style-type: none"> • Faculty complain of lack of manpower and administrative support, and say that they are already overloaded. 	
<ul style="list-style-type: none"> • Suggest creation of a separate NBA Cell as has been done for NAAC under IQAC, and a NBA coordinator. 		
<ul style="list-style-type: none"> • Good Visiting faculty 	<ul style="list-style-type: none"> • Since faculty shortages are not addressed 	

are difficult to get because of cumbersome procedures and poor remuneration.	adequately by the University and State Govt. the college relies heavily on Visiting faculty,(100 regular faculty and 100 VF!) and hence this matter requires urgent attention and action.	
<ul style="list-style-type: none"> • Severe shortage of computers; ME Dept. is given only 10 computers. 	<ul style="list-style-type: none"> • In this age of ICT-enabled Education, this is a serious lacuna. 	
<ul style="list-style-type: none"> • Poor internet connectivity in Cicvil Engg Dept. 		
<ul style="list-style-type: none"> • Scarcity of consumables like petrol and diesel for experiments. 		
<ul style="list-style-type: none"> • Acute shortage of space 	<ul style="list-style-type: none"> • 	
<ul style="list-style-type: none"> • Lack of promotional policy; Considerable delays in promotions 	<ul style="list-style-type: none"> • 	

D. Interaction with staff

Issues and suggestions that	Recommendations made by mentor to the Head of	Progress in implementation of
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emerged	Institution	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; advanced surveying practice No recruitment of Staff for many years; 100 vacancies at present. 	<ul style="list-style-type: none"> TEQIP- II to address these needs. 	Progress needs to be made.
<ul style="list-style-type: none"> In the face of enhanced enrollments of Students, no addition of Staff 		
<ul style="list-style-type: none"> Problems of poor water , power supply and poor sanitation 	<ul style="list-style-type: none"> College is suffering from very poor maintenance of essential services 	

E. Interaction with senior functionaries of the institution

Issues and suggestions that	Recommendations made by mentor to the Head of	Progress in implementation of
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emerged	Institution	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 Phase-I)</p>	<ul style="list-style-type: none"> • These problems are persisting for a long time now 	<p>The University is responsible for setting these things right.</p>

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

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

Industry is very happy with UVCE graduates, particularly their self-learning capabilities.

In general , the graduates are not aware of latest industry practices, reading industrial drawings, welding symbols.
 Industry professionals are willing to teach relevant courses.
 Need to establish a Finishing School for enhancing employability and job readiness.

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 	<p>The forthcoming RUSA project is expected to address some of these problems.</p>
<ul style="list-style-type: none"> The VC was present to listen to the comments and suggestions and has promised full support for fulfilling the TEQIP requirements. 	

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.

- **The four funds are not fully operational.**
- **Remedial classes for weak students are organized.**
- **A strategic plan is under preparation.**
- **UVCE is a unitary and constituent college of Bangalore University; its autonomy is restricted since all decisions are taken by the university.**
- **Two pending matters introduce uncertainties and ambiguities in moving forward:**
 - **The proposed division of Bangalore University into four entities, with UVCE being granted university status.**
 - **Proposed shifting of the KR Circle Departments to Jnanabharathi campus ; this proposal is objected to in view of the heritage nature of this campus and the impending 100th anniversary of the College.**

R Natarajan