

## MENTOR'S REPORT FORM -2

**Name of Mentor:** Prof. B.K. Raghu Prasad

**Dates of Mentoring Visit:** 25/12/2013 to 28/12/2013

**Name of the Institution with Location:** Dr. Babasaheb Ambedkar Technological University, Lonere

S.N.	List of Interviews	Key Discussion Summary Points
1	Undergraduate Students	<ul style="list-style-type: none"><li>• Placement: In spite of having good faculty, the number of students placed through campus interviews is too small.</li><li>• The next important issue on which the students expressed their dissatisfaction was regarding non-availability of computers in the laboratories across all the departments. They said that hardly any computers have been procured in the last four years. In particular, the students of the Department of Computer Engineering and Department of Information Technology are suffering the most since computer is the most basic requirement for them. The computers in the hostels are also out of order. Thus, availability of computer facility is a top-priority issue.</li><li>• Internet is another issue. The present internet facility is very much poor and serious attention must be paid to this.</li><li>• Equipments in some of the laboratories are not in working condition. As a result, some of the experiments cannot be performed. Hence, maintenance of laboratories is a key issue.</li><li>• Availability of lab consumables in time is yet another issue, particularly in Chemical and Petrochemical Engineering departments.</li></ul>

		<ul style="list-style-type: none"> <li>• In the Department of Computer Engineering, a ‘Hardware Laboratory’ should be set up.</li> <li>• Some important laboratories may be kept open up to 8:30 PM.</li> <li>• The students from Electronics and Mechanical Engineering Departments pointed out shortage of space for important laboratories such as Embedded Systems Design, Biomedical Engineering, Computer Networking, IC Engines, Hydraulic Turbines, etc.</li> <li>• Computer/IT departments have some of their class rooms in IOPE. These class rooms are suffering from monsoon leakages and need to be repaired.</li> <li>• The Department of Electronics &amp; Telecommunication Engineering has intake of 132 students. Hence, this department should have two laboratories per course so as to cater to this double intake.</li> <li>• Sufficient books/journals are not available in the library.</li> <li>• LCD projectors are insufficient. At least 5 LCD projectors per department should be made available.</li> <li>• Lot of maintenance is required in the existing hostels. Existing hostel facility is too inadequate necessitating construction of additional hostels for boys as well as girls.</li> <li>• Alumni meet should be organized on a regular basis.</li> </ul>
2	Postgraduate Students	<ul style="list-style-type: none"> <li>• Like UG students, the MTech/PhD students also expressed their dissatisfaction regarding non-availability of computers and internet. They said that, for each PG program, at least 10 PCs should be provided exclusively.</li> <li>• Non-availability of international journals is another issue. Reputed journals such as IEEE should be made available on-line.</li> <li>• They suggested that training on software such as MATLAB, Polymath, ASPEN+ should be provided.</li> <li>• Workshop on Research Methodology should be conducted.</li> <li>• IEEE Student’s Chapter should be started.</li> </ul>

3	Faculty	<ul style="list-style-type: none"> <li>• Some departments are suffering from shortage of faculty, which is causing adverse effect on their teaching.</li> <li>• Faculty from the Department of Chemical and Petrochemical Engineering are in need of large quantity of consumables for their ongoing research projects. However, they are encountering procedural difficulties in procuring them.</li> <li>• Initially, the seed money given to faculty for their research projects included procurement of minor equipment. Later, this permission has been withdrawn. This will cause hindrance. Hence, the concept of seed money needs to be relooked.</li> <li>• Each faculty should aim at publishing 4 peer-reviewed journal papers per year, to be on par with international class.</li> </ul>
4	Staff	<ul style="list-style-type: none"> <li>• Some of the non-teaching staff, particularly lab assistants, are interested in improving their qualifications. They want the university to provide them opportunities to do so.</li> </ul>
5	Senior Management	<ul style="list-style-type: none"> <li>• Faculty shortage is a great problem for some of the departments, such as Electronics/Electrical.</li> <li>• MTech programs are on self-financing basis and there are no sanctioned faculty positions for these programs. Getting contractual/visiting faculty for MTech programs at this remote location is also found to be difficult. As a result, existing faculty members have to take MTech teaching load as an additional load over and above their UG teaching load. This is affecting quality and is causing great problems.</li> <li>• Each department should organize one International Conference this year.</li> <li>• The university should organize study tours abroad for senior faculty. Senior faculty should visit reputed universities abroad and sign MoUs with such university for faculty training, faculty exchange, collaborative projects, etc.</li> </ul>
6	Members of the Governing Body	<ul style="list-style-type: none"> <li>• Institutional governance is good. They are quite positive and forward-looking.</li> <li>• BoG consists of several senior academicians from different institutions. However, Vice-Chancellor has no 'say' in forming BoG as it is totally decided by the Chancellor (Governor), Govt. of Maharashtra.</li> </ul>

7	Industry Representatives	<ul style="list-style-type: none"> <li>• The industry representatives appreciated that the students of this university are doing quite well in the industry and bringing good name to the university.</li> <li>• University-Industry meets should be organized every year.</li> <li>• Faculty members should visit industry on a regular basis and update themselves with latest developments in industry.</li> <li>• University has opportunity to help industry in process improvement and in developing eco-friendly processes.</li> <li>• The university should conduct frequent students' visits to industry so as to expose them to modern technologies, latest practices and real-life in industry.</li> <li>• Experts from industry should be invited as visiting faculty.</li> <li>• The university should organize training programs, viz. finishing schools, for the benefit of students to give them guidance on interview techniques, group discussion, soft skills, aptitude tests, etc.</li> </ul>
8	Head of the Institution	<ul style="list-style-type: none"> <li>• Placement Cell may be revamped. A full-time Training &amp; Placement Officer should be appointed.</li> <li>• University-Industry meets should be organized every year.</li> <li>• More number of companies should visit campus for placement.</li> <li>• Website of the university should be improved. The university should do proper marketing and publicity of its achievements and credentials.</li> <li>• Infrastructure (PCs, internet, books and journals) should be enhanced.</li> <li>• Laboratory facility in various departments should be improved. Maintenance and upkeep of laboratory equipment need to be paid proper attention.</li> <li>• The university should organize study tours abroad for senior faculty to universities like MIT, Stanford, etc. Senior faculty should visit reputed universities abroad and sign MoUs with such university for faculty training, faculty exchange, collaborative projects, etc.</li> <li>• Pedagogical training of faculty should be organized.</li> </ul>

