

## **INDUSTRY INSTITUTE INTERACTION CELL**

Better interaction between Institutions and Industry is the need of an hour. For students it is important because they get exposure to industry and subsequent placement in various disciplines. On the other hand, with the advent of globalization and opening up of Indian economy to outside world, competition among the industries has become stiff. So industries also need good students who are well aware of industry standards and capable of achieving so. Therefore, there is an urgent need of interaction of industry and academics where academic institutes can prepare students for jobs in multinational companies and industry will also be benefited by possibility of receiving well-trained workforce. For this to become reality, bridging the gap between industry and the academic institute is a must and for this, an Industry Institute Interaction Cell (IIIC) was established in 2011 at Fergusson College. Objectives and the schemes planned for the academic year 2015-2016 are as follows:

### **OBJECTIVES:**

- To cultivate the strong links with industry
- To promote various industrial activities by the faculty members and students.
- To catalyze the further growth and development of interaction between the Institute and Industry.
- To have a closer linkage and promote research suited to industry needs, and consultancy which creates a sense of owning among faculty members.
- To provide continuing education to people working in industries so that they can upgrade their technical knowledge, and / or obtain higher degrees; this orients the faculty members towards the industry from the portals of College i.e. Academics.

- To enable academics to take a sabbatical in industries; provide internships for students in industries, which will prepare the students better for entering the industry;
- To create an industrial chair in the university; and to enable the appointment of experienced industry resource persons as visiting faculty in the College
- To bring about MOU'S and Agreements with various industrial and research organizations in different fields and sectors to promote various forms of interactions.

**Planned Activities under Industry-Institute Interaction Cell:**

1. Industrial Research & Consultancy
2. Industrial testing (Proofing & Calibration)
3. Sponsored industrial research
4. Use of industrial labs by College
5. Use of specialized database / lab equipment of the college
6. Research guidance from industry
7. Creation of collaborative labs / testing centre at the college
8. Joint research publication
9. Solutions for field problems
10. Analysis & Design problems
11. Research fellowship support
12. Joint patents
13. Creation of industrial chair to support research
14. Continuing Education for Industry
15. Short-Term Training Programmes

16. Onsite Educational Programmes
17. Part time Educational Programmes
18. Collaborative Educational Programmes
19. Industry-Institute Exchange
20. Visiting faculty from industry
21. Training programmes / Short term assignments to the faculty members in industries
22. Joint industrial projects for faculty
23. Participation of industrial experts in curriculum design
24. Sabbatical level assignments to the faculty members and other areas of mutual interest.