



Continuing Education and QIP at IIT Bombay



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Professor-in-Charge CE & QIP



CE & QIP Activities

Broad Objectives

- To assist **working professionals** in widening their knowledge base and improving their skills
- To help make the Indian industries globally competitive, by providing training in critical and cutting edge areas
- To promote strong industry-institute interaction and open new areas of cooperation leading to research collaborations
- To improve the skills of a large number of **faculty in various technical institutions** across the country, to enable them to improve the quality of the trained manpower coming out of such institutions.
- To seek National and International **partnerships** in knowledge creation and its dissemination worldwide



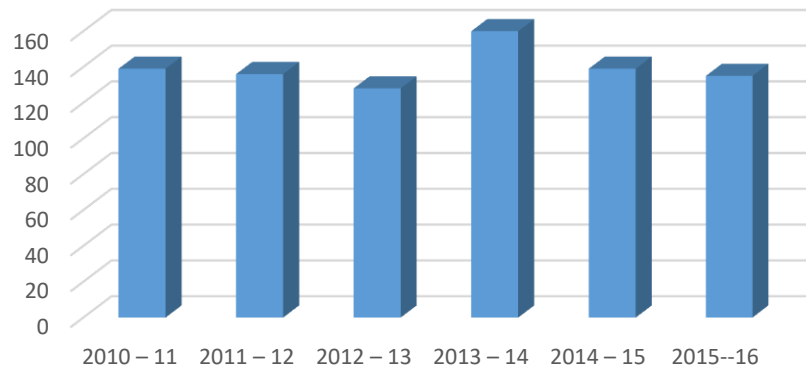
CE & QIP Activities

Structure of Programs

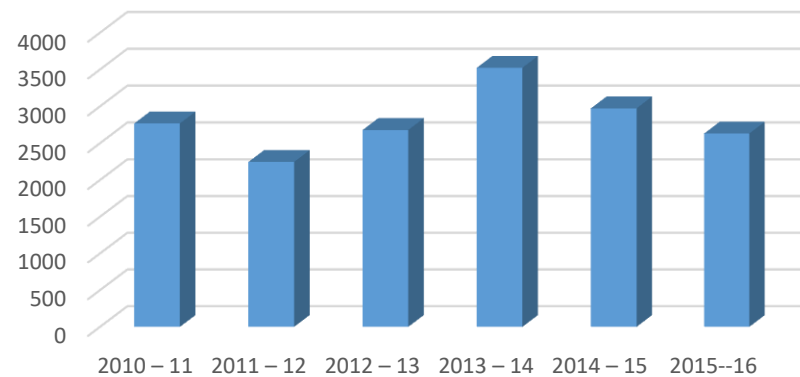
- **Open Programmes**
 - Short & long term courses on topics of general interest to the industry
- **In-House Programmes**
 - Short & long term courses run exclusively for a specific company or organization
- **Short-term Courses for academic faculty**
 - Career advancement of faculty from AICTE approved institutions under QIP
- **Postgraduate Courses for Industry Professionals and Academics**
 - Slow-paced and leading to a grade certificate / degree
- **Overseas Courses & Foreign Participation**
 - Conducted overseas and similar to “in-house” programs

Some statistics – IITB Professional Development Courses

**Professional Development Statistics
(Number of courses)**



**Professional Development Statistics
(Participants)**





Changing requirements of professional development

- Societal problems becoming more inter-disciplinary
 - Silo offerings are not adequate; need integrated course content
- Energy, Environment, Security, Infrastructure, Healthcare becoming increasingly important
 - Engineering, technology, policy content is needed
- Global nature of problems to be addressed
 - Collaborative approaches to leverage best practices
- Coverage needs to be tailored to specific industry needs
 - Carefully structure programs to meet competency development requirements
- Leverage improved methods of pedagogy delivery & reinforcement
 - Web based platforms and other outreach methods

Interfacing with government initiatives



GLOBAL INITIATIVE OF ACADEMIC NETWORKS
(GIAN)



Ministry of Human Resource Development
Government of India

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Upcoming Course

Population Health Promotion: An International Perspective

from 29-Aug-2017 at Panjab University



Proposal Submission

Find out information about Proposal Submissions by both Indian and Foreign Faculty.

Proposal Tracking

Use this option for knowing status of proposals uploaded at the GIAN Server by Indian Institutions.

Approved Courses

Till date **1165** courses have been approved. This list also contains details of Foreign Faculty associated with each course.

Upcoming Courses

Power System Volt/var Control And Voltage Stability **from 28-Aug-2017**



TEQIP III

TEQIP : World Bank assisted project in Technical Education
(Phase III: 2017-2020)

Centre approves Rs. 36 bln for
Phase-III of TEQIP

Will focus on low income, hill and northeastern
states



Possible Activities

- Improvement in Teaching, Learning and Research Competence

Faculty and staff training

- Enhancing knowledge and research competence
 1. Subject upgradation and research competence
 2. Continuing Education Programmes (CEPs)
 3. Pedagogical Training
- Increasing capacity for postgraduate education and establishing research



FDP via Short-term Courses by IIT Bombay Faculty

- Engineering and Technology
- Sciences
- Humanities and social sciences
- Interdisciplinary
- Entrepreneurship and start-ups
- Business Management and Leadership
- Energy and Green Technologies

- <http://www.cep.iitb.ac.in/>
- <http://www.qip.iitb.ac.in/>

IIT Bombay's Outreach:

Bringing the IIT Experience to the Community at large...

