

# QUALITY IMPROVEMENT PROGRAMME

**Sponsored by**  
ALL INDIA COUNCIL FOR TECHNICAL EDUCATION  
(A Statutory Body of the Government of India)

**STATUS REPORT**  
**2012-2013**



**CENTRE FOR EDUCATIONAL TECHNOLOGY**  
**INDIAN INSTITUTE OF TECHNOLOGY, GUWAHATI**

## **PREFACE**

The present report briefs about the activities of the overall Curriculum Development Cell and the Quality Improvement Programme at IIT Guwahati during the year 2012-2013.

During this year 02 numbers of teachers have joined the M. Tech. programme, and 11 numbers of teachers have joined for the final Ph. D. programme of the institute under QIP.

Owing to non receipt of grant from AICTE during the Financial year 2012-2013, despite initially taking up 12 nos. of Short Term Courses to be conducted by various Coordinators but at the final moment , those have to be shelved. So due to non availability of fund during the entire Financial period, no courses under this Programme could be run.

Same in the case of Curriculum Development activities non receipt of Grant in Aid from AICTE have forced QIP cell at IITG to drop these activities too for this financial year.

The overall guidance of the Director, IIT Guwahati and Dean (Academic), IITG in the CDC activities is highly appreciated. The valuable support of the members of the Advisory Committee is also greatly acknowledged. Thanks are also due to staff of the QIP and the administrative and accounts staff of the Institute, without their active cooperation, the activities of the QIP/CDC would not have been successfully carried out. The support of AICTE is also gratefully acknowledged.

**(Prof. P. Yammiyavar)**

**Zonal Coordinator, QIP**

## Quality Improvement Programme

### **Objectives & Programmes**

Quality Improvement Programme (QIP) of the Ministry of Human Resource Development, Department of Education, Government of India, under the sponsorship of All India Council for Technical Education, New Delhi has been in operation at the IIT Guwahati since 2003-2004.

**Quality Improvement Programme** is being implemented with the objective of upgrading the expertise, qualification and capabilities of the faculty members of degree level technical institutions. The major activities under the QIP include:

- **Masters and Doctoral Programme** : Under this scheme, faculty member of AICTE approved institutions are given opportunity to upgrade their qualifications. Certain selected institutions offer Masters and Ph.D Programmes to the faculty members and they are paid scholarships and contingency grant by the Council. Recently, the facility of pursuing Masters Degree programmes has been extended to approved polytechnic teachers also.
- **Short Term Programme** : In order to upgrade the knowledge and skills of the teachers working in the different institutions in the country, AICTE provides Financial Assistance for organizing short term training programmes in the emerging areas of Engineering Technology / Pharmacy / Management etc.
- **Curriculum Development** : The major QIP Centres are provided assistance to organize workshops for Curriculum Development. This leads to Model Curriculum, which is used as base documents by many institutions. Besides, faculty members of the institute are given a small grant to develop lecture notes, presentation slides and to write text books on various subjects.

### Ph.D. and M. Tech. Admissions:

The following students have been joined to different departments:

#### A. Final admission to Ph. D. programme under QIP for July 2012

Sl. No.	Name	Department	Name of the Parent Institute
1	Gadewar Manoj ManikRao	Biotechnology	Sri Kakatiya Institute of Pharmaceutical Sciences, Warangal Andhra Pradesh
2	Nongthombam Premananda Singh	Civil Engg.	MIT Manipur
3	Ashim Kr. Basumatary	Chemical Engg.	Assam Engg. College, Assam
4	Thaneswar Patel	Design	NERIST, Arunachal Pradesh
5	Radak Blange	ECE	NERIST, Arunachal Pradesh
6	Amit Kr. Singh	ECE	Sikkim Manipal Institute of Technology, Sikkim
7	Ashish Jagannath Chaudhari	Energy	Vidyavardhini College of Engg. & Technology, Thane, Maharashtra
8	Jnyana Ranjan Pati	Energy	Balleswar College of Engg & Technology, Orissa
9	Jayanta Borah	Mathematics	NERIST, Arunachal Pradesh
10	Sandeep Singh	Mechanical	NERIST, Arunachal Pradesh
11	Sro Ajoy Krishna Dutta	Mechanical	Jorhat Engg. College, Assam

#### Summary Information of the Number of Teachers admitted to Ph.D Programme Under QIP at Indian Institute of Technology, Guwahati State-wise for the Year 2012-2013

Sl.No.	State	No. Of Candidates Admitted to Ph.D
1.	Andhra Pradesh	01
2.	Manipur	01
3	Assam	02
4	Arunachal Pradesh	04
6	Sikkim	01
7	Maharashtra	01
8	Orissa	01
	<b>Total:</b>	<b>11</b>

**B. Admission to M. Tech. Programme for July 2012**

Sl. No.	Name	Department	Name of the Parent Institute
1	Diganta Baishya	Comp. Sc.	Jorhat Engg. College, Assam
2	Krishanu Mukherjee	Civil Engg.	Birbhum Institute of Engg. & Technology, West Bengal

**Year-Wise and Cumulative Data of the Number of M.Techs and Ph.Ds who have joined the QIP Programmes since inception**

No. Of Candidates				
Year	Admitted		Completed	
	M.Tech.	Ph.D.	M.Tech.	Ph.D.
2003-2004	--	--	--	--
2004-2005	05	03	--	--
2005-2006	06	07	--	--
2006-2007	12	08	01	--
2007-2008	02	03	05	--
2008-2009	03	05	11	02
2009-2010	05	02	02	--
2010-2011	03	01		
2011-2012	07	09		
2012-2013	02	11		
<b>Total:</b>	<b>45</b>	<b>49</b>		

**Year-Wise and Cumulative Number of Short Term Courses**

Year	No. Of Courses
2003-2004	04
2004-2005	11
2005-2006	12
2006-2007	12
2007-2008	14
2008-2009	13
2009-2010	09
2010-2011	13
2011-2012	12
2012-2013	-
<b>Total:</b>	<b>100</b>

**State-Wise Distribution of QIP M.Tech and Ph.D Students.**

Sl.No.	State	No. Of Candidates Admitted In M.Tech	No. Of Candidates Admitted In Ph.D
1.	Assam	14	19
2.	Andhra Pradesh	--	02
3.	Arunachal Pradesh	2	06
4.	Jharkhand	01	--
5.	Karnataka	01	07
6.	Kerala	01	02
7.	Manipur	01	02
8.	Orissa	17	05
9.	Tamil Nadu	01	01
10.	Uttar Pradesh	03	--
11.	Gujarat	01	01
12.	Sikkim	01	02
13.	Bihar	01	
14.	Rajasthan	01	
15.	West Bengal	01	
16.	Maharashtra		01
	<b>Total:</b>	<b>46</b>	<b>48</b>