



## India: Technical Engineering Educational Quality Improvement II (P102549)

SOUTH ASIA | India | Education Global Practice |  
IBRD/IDA | Specific Investment Loan | FY 2010 | Seq No: 16 | ARCHIVED on 08-Nov-2016 | ISR25407 |

Implementing Agencies: Ministry of Human Resource Development

## Key Dates

## Key Project Dates

Bank Approval Date:18-Mar-2010

Effectiveness Date:06-Aug-2010

Planned Mid Term Review Date:13-Dec-2013

Actual Mid-Term Review Date:13-Dec-2013

Original Closing Date:31-Dec-2014

Revised Closing Date:31-Mar-2017

## Project Development Objectives

Project Development Objective (from Project Appraisal Document)

The second phase of the Technical/Engineering Education Quality Improvement Project seeks to strengthen selected institutions to produce more employable and higher quality engineers and prepare more post-graduate students to reduce faculty shortage.

Has the Project Development Objective been changed since Board Approval of the Project Objective?

No

## Components

Name

Improving Quality of Education in Selected Institutions:(Cost \$311.40 M)

Improving System Management:(Cost \$33.30 M)

## Overall Ratings

Name	Previous Rating	Current Rating
Progress towards achievement of PDO	● Satisfactory	● Satisfactory
Overall Implementation Progress (IP)	● Moderately Satisfactory	● Moderately Satisfactory
Overall Risk Rating	● Moderate	● Moderate

## Implementation Status and Key Decisions



1. The progress against the Project Development Objective (PDO) is rated as Satisfactory as all PDO indicators are on track to be achieved.
2. The Bank has recently processed the Government of India's request for project restructuring to extend the closing date of the project until March 31, 2017 and the Amendment letter has been sent to the Government of India for countersignature.
3. With regard to implementation, activities at the institutional level are proceeding well. These include activities on governance and autonomy, accreditation, centres of excellence, faculty and student development, and plans for sustainability (four funds). More needs to be done on the "soft" component of the project, i.e., capacity building. NPIU has started the Faculty, Staff and Student Satisfaction study and tracer study with its own initiative and measure to encourage high response rate, and presented the first round of results during the Joint review Mission. Among other achievements since the last JRM, the following are noteworthy. First, several students from TEQIP institutions have participated in academic and student exchange programs within and outside India. Second, sustainability of project initiatives is promising in 72% of institutes, which have accumulated adequate/ moderately adequate funds in their Four Funds accounts. Third, NPIU conducted a workshop on performance auditing in July 2016 and one on governance with Directors of TEQIP institutes in August 2016; both were well received.
4. A key area of concern pertains to faculty shortages, which continue to prevent several institutes from being eligible for accreditation through National Board of Accreditation and, consequently, UGC autonomy.
5. Finally, as the closing date for TEQIP II is less than six months away, it is important that MHRD/NPIU initiate the following studies agreed in the Project Implementation Plan: TEQIP II Impact Assessment, Bibliometric Study, and Resource Utilization Study. While vendors have been identified, these studies have been delayed due to payments delay by Ed Cil. MHRD has recently addressed this situation, and the studies are expected to commence soon.

## Risks

### Systematic Operations Risk-rating Tool

Risk Category	Rating at Approval	Previous Rating	Current Rating
Political and Governance	--	● Substantial	● Substantial
Macroeconomic	--	● Low	● Low
Sector Strategies and Policies	--	● Low	● Low
Technical Design of Project or Program	--	● Low	● Low
Institutional Capacity for Implementation and Sustainability	--	● Substantial	● Substantial
Fiduciary	--	● Substantial	● Substantial
Environment and Social	--	● Moderate	● Moderate
Stakeholders	--	● Low	● Low
Other	--	--	--
Overall	--	● Moderate	● Moderate

## Results

### Project Development Objective Indicators

► Share of supported programs that are accredited or applied for (Percentage, Custom)

Baseline

Actual (Previous)

Actual (Current)

End Target



Value	30.00	63.00	65.00	55.00
Date	30-Nov-2009	01-Mar-2016	15-Sep-2016	31-Mar-2017

► Percentage of institutions with academic autonomy (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	30.00	68.50	69.00	70.00
Date	30-Nov-2009	01-Mar-2016	15-Sep-2016	31-Mar-2017

► Percentage Faculty with at least an M. Tech (regular and contract) (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	45.00	90.90	91.52	88.00
Date	30-Nov-2009	01-Mar-2016	15-Sep-2016	31-Mar-2017

► Total number of Master and PhD students (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	30000.00	46160.00	48310.00	41000.00
Date	30-Nov-2009	01-Mar-2016	15-Sep-2016	31-Mar-2017

Comments

Current data for this indicator is for the AY 2014-15. Data entry is ongoing for the AY 2015-16.

Overall Comments

Intermediate Results Indicators



► Number of publications in refereed journals (within the field of Engineering) (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	7032.00	18600.00	20153.00	18000.00
Date	30-Nov-2009	01-Mar-2016	15-Sep-2016	31-Mar-2017

Comments

Data for this indicator is currently ongoing. The current "actual" data is for 2015.

► Percentage of Faculty with or pursuing M. Tech and PhD (regular and contract) (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	63.00	92.20	92.74	90.00
Date	30-Nov-2009	01-Mar-2016	15-Sep-2016	31-Mar-2017

► Increase in the satisfaction index of student and faculty (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	3.90	--	3.89	4.30
Date	30-Nov-2009	30-Nov-2014	15-Sep-2016	31-Mar-2017

Comments

The survey was successfully conducted by NPIU for the first time. However, this cannot be compared to the baseline as the baseline survey covered only 8 TEQIP 1 institutions with limited participation- only a total of 499 students participated in the baseline survey. The recent survey covered all TEQIP II institutions and had a high response rate of 74.7%.



► Number of faculty members that have benefitted from the teaching effectiveness training (under sub-component 1.3) (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	2816.00	2816.00	2900.00
Date	30-Nov-2009	01-Mar-2016	15-Sep-2016	31-Mar-2017

► Percentage of externally funded research and development projects and consultancies in total revenue (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	6.00	11.50	12.42	12.00
Date	30-Nov-2009	01-Mar-2016	15-Sep-2016	31-Mar-2017

► Transition rate of students from disadvantaged backgrounds from the first year to second year of undergraduate study (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	45.00	58.75	60.20	60.00
Date	30-Nov-2009	01-Mar-2016	15-Sep-2016	31-Mar-2017

Comments

Data entry for AY2015-16 is currently ongoing. The current data is from AY 2014-15.

► Share of TEQIP Supported Institutions from states in lagging in technical education (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	14.00	23.50	23.50	20.00
Date	30-Nov-2009	01-Mar-2016	15-Sep-2016	31-Mar-2017



► Direct project beneficiaries (Number, Core)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	300000.00	441875.00	451167.00	405000.00
Date	30-Nov-2009	01-Mar-2016	15-Sep-2016	31-Mar-2017

Comments

Data entry for AY 2015-16 is currently ongoing. The current data is for AY 2014-15.

▲ Female beneficiaries (Percentage, Core Supplement)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	26.00	30.00	29.30	30.00

► Number of governance self reviews received (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	184.00	184.00	190.00
Date	30-Nov-2009	01-Mar-2016	15-Sep-2016	31-Mar-2017

► Number of Governance Development plans received (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	180.00	180.00	180.00
Date	30-Nov-2009	01-Mar-2016	15-Sep-2016	31-Mar-2017




► Fully functional MIS -Number of institutions reporting at least 70% of the indicators (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	186.00	186.00	180.00
Date	30-Nov-2009	01-Mar-2016	15-Sep-2016	31-Mar-2017

## Overall Comments

### Data on Financial Performance

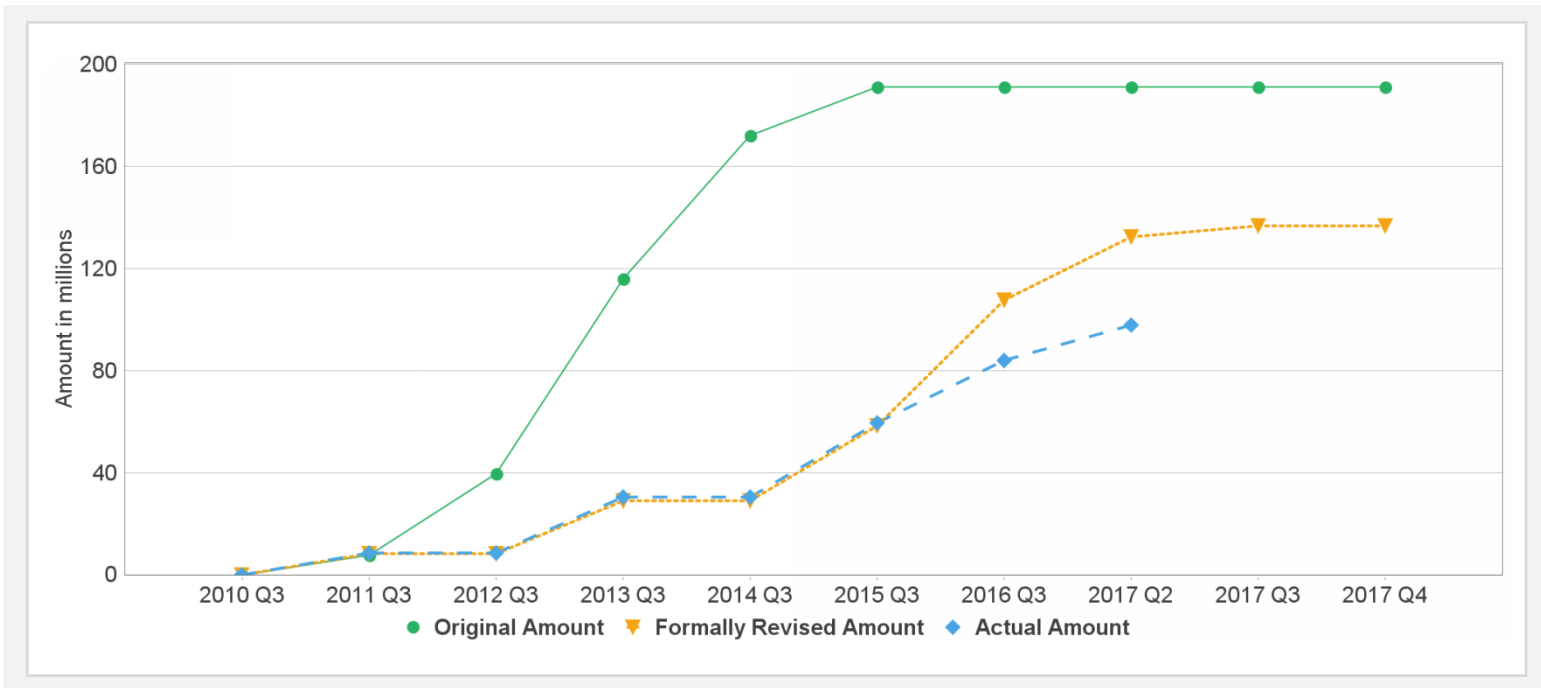
#### Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	Disbursed
P102549	IDA-46850	Effective	XDR	186.40	134.63	51.77	97.89	36.74	 73%

#### Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P102549	IDA-46850	Effective	18-Mar-2010	14-Jul-2010	06-Aug-2010	31-Dec-2014	31-Mar-2017

#### Cumulative Disbursements



### Restructuring History

Level 2 Approved on 06-Jan-2014 ,Level 2 Approved on 30-Sep-2014 ,Level 2 Approved on 26-Sep-2016

### Related Project(s)

There are no related projects.