



Technical Education Quality Improvement Project III (P154523)

SOUTH ASIA | India | Education Global Practice |
IBRD/IDA | Investment Project Financing | FY 2016 | Seq No: 9 | ARCHIVED on 25-Jan-2021 | ISR44760 |

Implementing Agencies: India, Ministry of Human Resource Development

Key Dates

Key Project Dates

Bank Approval Date: 24-Jun-2016

Effectiveness Date: 03-Mar-2017

Planned Mid Term Review Date: 24-Sep-2018

Actual Mid-Term Review Date: 11-Feb-2019

Original Closing Date: 30-Sep-2020

Revised Closing Date: 31-Mar-2021

Project Development Objectives

Project Development Objective (from Project Appraisal Document)

The proposed project development objective (PDO) is "to enhance quality and equity in participating engineering education institutes and improve the efficiency of the engineering education system in focus states".

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

Yes

Board Approved Revised Project Development Objective (If project is formally restructured)

The proposed project development objective (PDO) is "to enhance quality and equity in participating engineering education institutes and improve the efficiency of the engineering education system in focus states".

Components Table

Name

Improving quality and equity in engineering institutes in focus states:(Cost \$318.00 M)
System-level initiatives to strengthen sector governance and performance:(Cost \$34.68 M)

Overall Ratings

Name	Previous Rating	Current Rating
Progress towards achievement of PDO	<input type="checkbox"/> Satisfactory	<input type="checkbox"/> Satisfactory
Overall Implementation Progress (IP)	<input type="checkbox"/> Satisfactory	<input type="checkbox"/> Satisfactory
Overall Risk Rating	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate

Implementation Status and Key Decisions

A virtual joint review mission was held between Dec 2-4, 2020 (with additional discussions on Dec 12 and Dec 16, 2020) to review implementation progress and prioritize actions before the project closure in March 2021. Despite ongoing closures and restrictions imposed by the pandemic, project activities have continued at a slower pace. The project is on track to achieve the PDO and has met all DLI targets, including those for the final year.

The project was restructured two times in FY21 – (1) to cancel savings in the amount of US\$10.63 million, and (2) to extend the closing date from September 30, 2020 to March 31, 2021. The project has disbursed US\$8.6 million in FY21 so far – the majority of which was against achievement



of DLI targets – and is expected to disburse US\$16 million in Q3. Project institutions continue to be closed and thus slowing the pace of Project activities. As institutions are adapting to remote operations and revised guidelines for procurement, activities and expenditures are ramping up. Close monitoring of all pending activities in the last few months along with clear communication to all institutions regarding closure requirements and completion of all works by March 31, 2021 is important.

Risks

Systematic Operations Risk-rating Tool

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

Results

PDO Indicators by Objectives / Outcomes

Enhance quality and equity in participating engineering education institutes				
▶ Average score of students participating in tests designed to measure technical and critical thinking skills (Text, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	n.a.	Draft final report completed. Change estimates awaited.	Achieved (5.99% increase over baseline in technical and critical thinking skills)	Test administered for third time and 5 percent increase over previous cycle.
Date	31-Dec-2015	26-May-2020	04-Dec-2020	30-Sep-2020
Comments:	The intermediate target - based on the 2nd round of assessment - is achieved. A third round of the assessment is planned for April-May 2021 (after project closing) to be rolled out independently by the government. Further, owing to some changes in the test instrument and methodology, the assessment may not provide information on changes in student skills in the final project year. Therefore, the end target may not be met.			



► NBA-accredited and/ or applied for programs in participating institutes. Indicator will track increase in percentage points (Text, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	a) Focus States UG -Applied and accredited: 10 Other States -Accredited: 17.8	a) UG programs- Focus States -Applied and accredited: 48.7% Other States -Accredited: 59.78%	a) UG programs- Focus States -Applied and accredited: 53.80% Other States - Accredited: 59.78%	a) Focus States -Applied and accredited: 40 Other States -Accredited: 15
	(b) Focus States PG -Applied and accredited: 4 Other States Accredited: 8.2	b)PG programs Focus States -Applied and accredited: 11.80% Other States -Accredited: 32.37%	b)PG programs Focus States -Applied and accredited: 11.80% Other States - Accredited: 32.37%	(b) Focus States -Applied and accredited: 20 Other States Accredited: 15
Date	31-Dec-2015	26-May-2020	04-Dec-2020	31-Mar-2021
Comments:	The end targets for undergraduate programs (in focus states and other states) are achieved. The end targets for postgraduate programs are achieved in other states but are not achieved in focus states.			
► Percentage of students from traditionally disadvantaged groups in total enrolment in participating institutes (a) SC/ST (b) Women (Text, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	SC/ST:15 Women: 26	Focus States: SC/ST: 18.78%, Female: 28.87%	Focus States: SC/ST: 19.10%, Female: 28.83%	SC/ST:20 Women: 30
Date	31-Dec-2015	26-May-2020	04-Dec-2020	31-Mar-2021
Comments:	The end targets for women and disadvantaged students (SC/ST) are almost achieved. The current status is short of the end target by 1 percentage point for both groups.			

Improve the efficiency of the engineering education system				
► Transition rate of UG engineering students from the first year to second year in participating institutes.(Disaggregated by SC/ST groups and gender) (Text, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	Focus States-All: 50 -SC/ST: 40 -Female: 45 Other States -All: 67 -SC/ST: 54 -Female: 64	Focus States: 57.33% SC/ST: 43.67% Female: 62% Other States: 74.85% SC/ST: 59.29% Female: 76.25%	Focus States: 79.62% SC/ST: 71.38% Female: 84.2% Other States: 84.34% SC/ST: 75.39% Female: 84.06%	Focus States -All: 60 -SC/ST: 50 -Female:55 Other States -All: 77 -SC/ST: 65 -Female:75



Date	31-Dec-2015	26-May-2020	04-Dec-2020	31-Mar-2021
Comments:	Reported for 28 institutions only. Complete data on this indicator will be available in February 2021. Based on partial data, the end targets for transition rate (across all sub-groups of students) are achieved.			

Intermediate Results Indicators by Components

Component 1: Improving quality and equity in engineering institutes in focus states				
▶ Direct project beneficiaries (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	1,469,441.00	3,281,076.00	4,365,469.00	3,210,204.00
Date	31-Dec-2015	26-May-2020	04-Dec-2020	31-Mar-2021
Comments:	Direct beneficiaries are people or groups who directly derive benefits from an intervention (i.e., children who benefit from an immunization program; families that have a new piped water connection). Please note that this indicator requires supplemental information. Supplemental Value: Female beneficiaries (percentage). Based on the assessment and definition of direct project beneficiaries, specify what proportion of the direct project beneficiaries are female. This indicator is calculated as a percentage. Data on this target will be updated when complete information is available from all project institutions (Q3FY21). Enrollment procedures for the 2020-21 academic year were delayed due to the COVID-19 pandemic.			
□ Female beneficiaries (Percentage, Custom Supplement)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	26.00	28.60	28.50	30.00
▶ Percentage of participating institutes in focus states with autonomy (DLI 2) (Text, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	44.00	50.00	57.14	55.00
Date	31-Dec-2015	26-May-2020	04-Dec-2020	30-Sep-2020
▶ Percentage of PhD students in total enrolment in engineering disciplines in participating institutes. Indicator will track percent increase over baseline (Text, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	Focus States: 1.6 Other States: 2.5	Focus States: 3.30%; Other States: 5.52%	Focus States: 112%; Other States: 124% Please note that previous updates have reported the share of PhD students in total enrollment in participating institutions and not the	Focus States: 100 Other States: 100



			percent increase in PhD enrollments. The current update shows percent increase over the baseline.	
Date	31-Dec-2015	26-May-2020	04-Dec-2020	31-Mar-2021
► Percentage of sanctioned faculty positions in participating institutes filled by regular or contract faculty, contracted as per AICTE norms (Text, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	Focus States:40 Other States:65	Focus States:80.30% Other States:83.64%	Focus States:80.30% Other States:83.64%	Focus States:85 Other States:85
Date	31-Dec-2015	26-May-2020	04-Dec-2020	31-Mar-2021
► Number of faculty trained in either their subject domain, pedagogy or management in participating institutes (cumulative) (Text, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	Focus States: 10164 Other States: 9795	Focus States: 10164 Other States: 9795	Focus States:5000 Other States:6000
Date	31-Dec-2015	26-May-2020	04-Dec-2020	31-Mar-2021
► Percentage of externally funded research and development projects and consultancies in total revenue in participating institutes (Text, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	Focus States: 2 Other States: 10	Focus States: 6.97% Other States: 18.80%	Focus States: 6.98% Other States: 18.85%	Focus States: 7 Other States: 15
Date	31-Dec-2015	26-May-2020	04-Dec-2020	31-Mar-2021
► Participation of affiliated institutes in participating ATUs in newly designed research-hub related activities (Text, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	Focus States: 123 Other States: 154	Focus States: 123 Other States: 154	Focus States: 30 Other States: 150
Date	31-Dec-2015	26-May-2020	04-Dec-2020	31-Mar-2021
► Number of engineering education institutes in focus states that meet the enabling mechanisms for participation in the project (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	21.00	83.00	83.00	87.00
Date	31-Dec-2015	26-May-2020	04-Dec-2020	30-Jun-2019



▶ Students benefiting from direct interventions to enhance learning (Number, Corporate)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	1,378,532.00	--	4,079,979.00	2,894,917.00
Date	20-Mar-2017	--	07-Dec-2020	31-Mar-2021
Comments:	(cumulative over the project period)			
□ Students benefiting from direct interventions to enhance learning - Female (Number, Corporate Supplement)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	353,605.00	--	1,133,747.00	742,571.00

Component 2: System-level initiatives to strengthen sector governance and performance				
▶ Employer satisfaction with engineers recruited (Text, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	NA	Consultant selected, proposal approval pending at MHRD	In progress, results expected in March 2021	Employer feedback on at least 1 cohort of engineers recruited. Report published.
Date	31-Dec-2015	26-May-2020	04-Dec-2020	31-Mar-2021
▶ Student, Staff and Faculty Satisfaction Survey (Text, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	NA	Survey underway	Satisfaction score = 4.24 (against target of 4.37)	15 percent increase in average satisfaction level over the previous round Report on third round published and action plan prepared.
Date	31-Dec-2015	26-May-2020	04-Dec-2020	30-Sep-2020
Comments:	The satisfaction score indicates a 12% increase in average satisfaction levels over the previous round against a target of 15%.			
▶ Percentage of participating institutes with a BoG composed as per prescribed structure that meets at least 4 times every calendar and which publicly discloses the minutes of all meetings (DLI #3) (Text, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	Focus States: 35 Other States: 60	BoG composed: 87 institutes (95.6%); Quarterly BoG meetings: 74 institutes (81.31%)	BoG composed: 87 institutes (95.6%); Quarterly BoG meetings: 87institutes (95.6%)	Focus States: 95 Other States: 95



Date	31-Dec-2015	26-May-2020	04-Dec-2020	30-Sep-2020
Comments:	(DLI#3)			
► Number of participating ATUs with MIS capable of producing annual report against prescribed indicators (Text, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	NA	Focus States: 5 Other States: 3	Focus States: 5 Other States: 3	MIS functional: Focus States: At least 5 ATUs Non-LIS: At least 3 ATUs
Date	31-Dec-2015	26-May-2020	04-Dec-2020	31-Mar-2021
► Number of participating ATUs in focus states that publicly declare final semester examination results before the start of the next academic year (Text, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	Examinations pending for current academic year	ATUs publicly declaring final exam results = 7 (against target of 6)	6.00
Date	31-Dec-2015	26-May-2020	04-Dec-2020	31-Mar-2021
► Percentage of participating institutes in Focus states that train final year engineering students to take exit examination (e.g. GATE) (DLI#4) (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	25.00	81.30	81.30	60.00
Date	31-Dec-2015	26-May-2020	04-Dec-2020	30-Sep-2020
► i) Timeliness of allocations, and utilization; and (ii) expenditure recognition against the utilization (DLI #5) (Text, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	NA	Expenditure in 3rd Qtr. (Oct. to Dec. 2019): 218.40 Cr. i.e. 97.06% utilization Expenditure in 4th Qtr. (Jan. to Mar. 2020): 234.25 Cr. i.e. 99.85% utilization	Expenditure in 3rd Qtr. (Oct. to Dec. 2019): 218.40 Cr. i.e. 97.06% utilization Expenditure in 4th Qtr. (Jan. to Mar. 2020): 234.25 Cr. i.e. 99.85% utilization	For the last two quarters: (i) Fund utilization (eligible payments made) are equivalent to at least 90% or more, of the approved allocations for the participating institutes; and (ii) At least 90% of the funds utilized to date have been accounted for as expenditures in the Books of Accounts of the participating institutes.




Date	31-Dec-2015	26-May-2020	04-Dec-2020	30-Jun-2020
► Percentage of participating institutes that produce and publish an annual report in the prescribed format in accordance with the requirements set out in the PIP (Text, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	Focus States: 64% Other States: 77%	Focus States: 89% Other States: 93.24%	Focus States :85 Other States:85
Date	31-Dec-2015	26-May-2020	04-Dec-2020	31-Mar-2021

Performance-Based Conditions

Data on Financial Performance

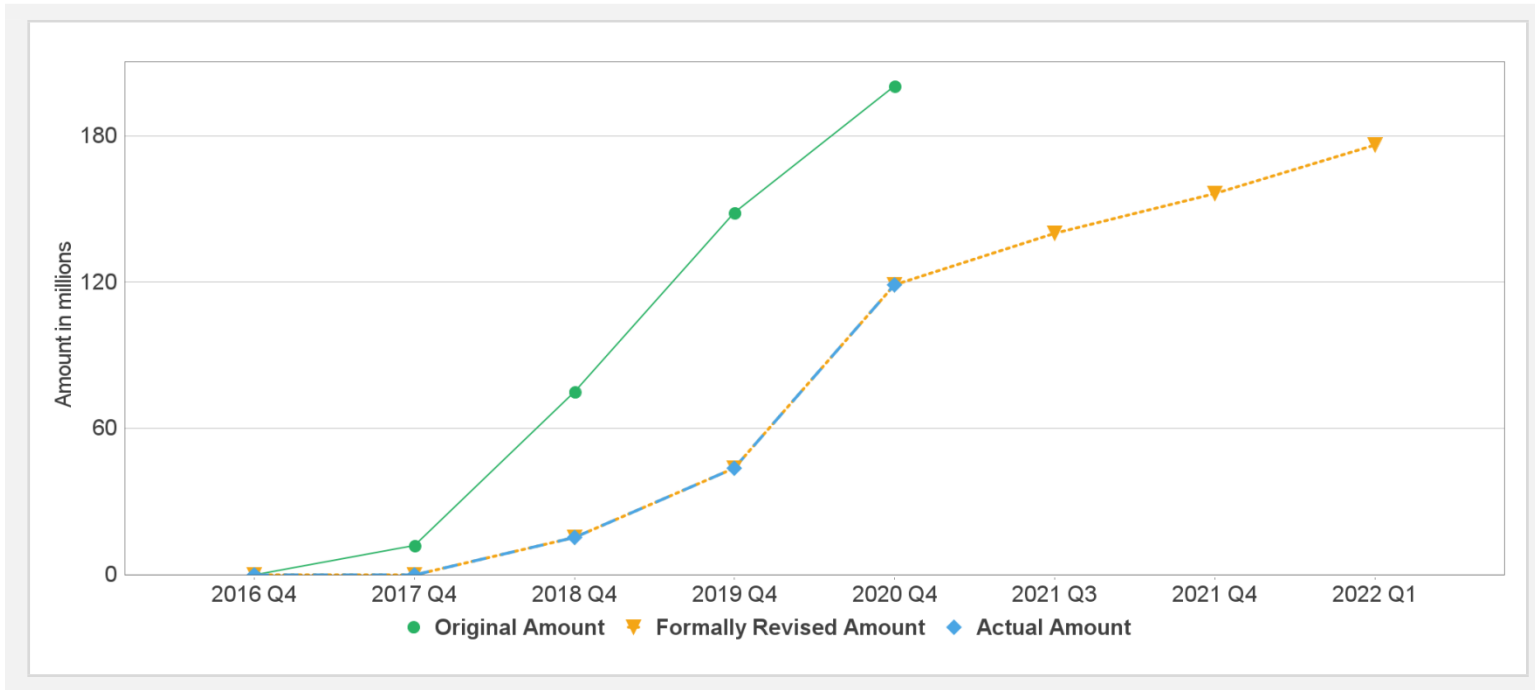
Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P154523	IDA-58740	Effective	USD	201.50	176.34	25.16	127.61	48.73	 72%

Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P154523	IDA-58740	Effective	24-Jun-2016	01-Feb-2017	03-Mar-2017	30-Sep-2020	31-Mar-2021

Cumulative Disbursements



PBC Disbursement

PBC ID	PBC Type	Description	Coc	PBC Amount	Achievement Status	Disbursed amount in Coc	Disbursement % for PBC

Restructuring History

Level 2 Approved on 25-Jan-2017 ,Level 2 Approved on 11-Jun-2018 ,Level Approved on 09-May-2020 ,Level Approved on 07-Aug-2020 ,Level Approved on 22-Sep-2020

Related Project(s)

There are no related projects.