

YMCA UNIVERSITY OF SCIENCE AND TECHNOLOGY

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YMCA University of Science & Technology, Faridabad has received TEQIP-III grant under sub-component 1.3

Sub-component 1.3: Twinning Arrangements to Build Capacity and Improve Performance of Participating Institutions

1. Objective

To support the priorities identified by Sub-component 1.1 and 1.2 institutions in their IDPs and Action Plans through twinning arrangements to build capacity and improve performance.

2. Scope

Following types of educational institutions will be eligible for submission of IDPs and if selected, for funding under this Sub-component:

- Autonomous TEQIP-I and/or TEQIP-II Government and Government aided affiliated institutions from States other than specified in Sub-component 1.1,
- TEQIP-I and/or TEQIP-II Non affiliating Technical Universities/Deemed to be Universities or their Engineering Faculty/ Departments/Constituent Institutions from States other than specified in Sub-component 1.1,
- CFIs already participated in TEQIP-I and / or TEQIP-II, and
- Affiliating Technical Universities (ATUs) for twinning with ATUs under Sub-component 1.2

The institutions and ATUs (about 3) totalling the same number of institutions and ATUs selected under Sub-component 1.1 will be short listed based on quality of their IDPs if

- Agreed for twinning arrangements with institutions or ATUs under sub-component 1.1 or 1.2
- fulfil the pre-defined eligibility criteria

The twinning between the institutions will be based on decision of a Committee constituted by MHRD considering the geographical location of the institutions, area of interest and expertise, merit of their proposals, their category etc. Although the institutions / ATUs under Sub-component 1.3 may continue to do their own development activities till the institution under Sub-component 1.1 or ATUs under Sub-component 1.2 meet the enabling mechanism pre-defined in the project.

3. Strategy:

Sub-component 1.3 institutes – all of whom will have academic autonomy– will receive an initial allocation of INR 2 Cr. so that they have the incentive to participate effectively in twinning activities as well as continue their own institutional development, upon which such twinning depends. These institutes will be eligible for additional resources (totalling around INR 7 Cr.) depending upon how effectively they meet obligations identified in their Twinning Agreements.

4. Deliverables:

The institutions participating under this Sub-component will be responsible for the following set of deliverables:

- a. Increase in the average score of students participating in tests designed to measure technical and critical thinking skills
- b. Increase in percentage points of NBA accredited Undergraduate programs and Post-graduate programs
- c. Increase in Transition rate of undergraduate engineering students from the first year to second year
- d. Percentage of students from traditionally disadvantaged groups in total enrolment in participating institutions
 - i. SC/ST
 - ii. Women
- e. Direct project beneficiaries
 - i. Total number
 - ii. Female beneficiaries
- f. Increase in percentage of PhD students in total enrolment in engineering disciplines
- g. Percentage of sanctioned faculty positions in participating institutions filled by regular or contract faculty, contracted as per AICTE norms
- h. Number of Faculty Trained in either their subject domain, pedagogy or management
- i. Percentage of externally funded research and development projects and consultancies in total revenue
- j. Student, Staff and Faculty Satisfaction Survey
- k. Improved employer satisfaction with engineers recruited in the past year
- l. Board of Governors or Institution/ Department Management Committee meets at least 4 times every calendar and publicly discloses the minutes of all meetings

5. Evaluation and Selection:

Selection will be based on meeting the eligibility criteria, commitment for twinning arrangements with institutions and ATUs of Sub-component 1.1 and 1.2 respectively and quality of the Institutional Development Proposals (IDPs) prepared using the prescribed formats. The selection process is detailed in Section-4. Information given in the formats should be **verifiable**, concise and supported by documents.

6. Funding pattern:

The Institutions and ATUs under this Sub-component will receive an initial allocation of INR 2 Cr. that can be increased to INR 7 Cr based on their performance. For planning of fund requirements under various groups of activities for the institutions, refer Section-6 and for ATUs refer section-3 [1.2]

Further allocations may be made based on institutional performance against certain benchmarks, on a basis to be determined by MHRD in agreement with the World Bank from time to time. Allocation may also be reduced on non-fulfilment of benchmarks.

Indicative Category-wise Funding for Key Activities per Project Institution (Centrally Funded, Government Funded and Government Aided Institution) selected under Sub-component 1.3

Sr. No	Key activities	Category of Expenditure (Head of expenditure)	Percentage (%)	Cost (Rs. in crore)
1.	Procurement of Goods (equipment, furniture, books LRs, software and minor items) and minor civil works for improvement in teaching, training and learning facilities	Procurement	Up to 50%	3.50
2.	Improvement in Teaching, Learning and Research competence <ul style="list-style-type: none"> • Improve student learning • Student employability • Increasing faculty productivity and motivation • Establishing a twinning system <ul style="list-style-type: none"> o Twining arrangements with institutions under Sub-component 1.1 to build capacity and improved performance o Individual institutional mentors 	Academic	At least 40%	2.80
3.	Incremental Operating Cost	IOC	Up to 10%	0.70
Total			100%	7.00