

TEQIP-III
6 FEB 2017

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VISION

To bring out a nationwide movement that meets the changing dynamics of the population's requirement with regards to quality education, innovation and research to make India a knowledge superpower.

MISSION

To foster an ecosystem of creativity, ingenuity & industrious attitude for young minds

&

To ensure that the technical graduates are industry ready with knowledge, skills & global competence.

CONGRATULATORY MESSAGE

Congratulations to all the Institutes for their selection in the flagship program of GoI, TEQIP-III.



MoU SIGNING BETWEEN MHRD & STATES

The MoU signing ceremony between Ministry of Human Resource Development and State authorities was arranged on 2nd February, 2017 at Constitutional Club of India, New Delhi in the presence of Hon. Shri Prakash Javadekar, Human Resource Minister for implementation of the third phase of Technical Education Quality Improvement Programme. MHRD is implementing TEQIP-III in 18 focus states i.e. North Eastern, Hilly Areas and Low income states and 1 Union Territory.

Technical Education Quality Improvement Program (TEQIP-III) is designed as a Central Sector Scheme with the project outlay of Rs.2660 crore for the period of 2017-2020 starting from 1st April, 2017 in collaboration with the World Bank. The project will be coterminous with Fourteenth Finance Commission (FCC) i.e. 2019-20. The project shall have a facility of Direct Funds Transfer to the accounts of beneficiaries. TEQIP-III will cover around 200 Government/ Government aided engineering institutes, Affiliating Technical Universities (ATUs) and CFTIs from Focus States/UT. The purpose of considering ATUs in the project is to transfer benefits of the project to the students taking education in around 1100 private unaided institutes.

The design and strategies for implementation of the project were presented by Ms Tripti Gurha, Director (IITs), MHRD. During the ceremony, Shri R. Subrahmanyam, A.S. (TE), MHRD, stressed upon introducing key reforms like setting up BoG, academic autonomy and accreditation for ensuring improvement in quality of technical education in terms of employability, research and equity and appealed functionaries from participating states to come forward to adopt these reforms. Shri K.K. Sharma, Secretary, MHRD, explained about the importance of autonomy

and formation of BoG for effective governance of government technical institutes. He further mentioned about huge shortage of faculty in engineering institutions. He suggested the state authorities to devise some mechanism like e-learning for taking care of faculty shortage.

Hon. Minister, while addressing the august gathering, expressed his happiness that the program is targeting to improve quality of technical education in low income and hilly area states. He emphasised the need to bring these states in mainstream of development, technical education in particular, so as to take advantage of demographic dividend. He further expressed that innovation and research can happen only when physical infrastructure and trained manpower is available. Therefore, this programme is vital for such needed endeavours. The programme design has inbuilt sustainability mechanism so that the institutes continue introducing reforms for achieving excellence in



MoU SIGNING

education.

The secretaries for technical education from seven low-income states, also called as BIMARU states of Bihar, Chhattisgarh, Jharkhand, Madhya Pradesh, Odisha, Rajasthan and Uttar Pradesh; three hill states of Himachal Pradesh, Jammu and Kashmir and Uttarakhand; and five north-eastern states of Arunachal Pradesh, Assam, Manipur, Sikkim and Tripura; and one UT of Andaman & Nicobar Islands have signed MoU in the function.

The ceremony concluded with the vote of thanks by CPA of NPIU who expressed his gratitude to Hon. Minister, Officials from MHRD and the World Bank for their continuous support and encouragement and appealed all the states to participate enthusiastically in making the project successful.

Highlights

Universal Knowledge with accelerated globalization

Large youth population- Demographic dividend

Project in Low income states, Hill States, North eastern states and Andaman & Nicobar

ATUs passing benefits to Unaided Institutes

Highlights

The motive to share academic reforms and initiatives.

Four-way handshake among Mentee Institutions, Mentor Institutions, AICTE/NBA and IITs/IIMs.

Share success stories on newsletter.teqip@gmail.com

NPD MESSAGE



Shri R. Subrahmanyam

We are witnessing categorically a turbulent phase in education due to rapid changes occurring in every aspect of how knowledge is taught, transferred and perceived. Knowledge has become universal with accelerated globalization by virtue of technical advances.

With large youth population in India, there is an opportunity, if utilized properly, for 'Demographic Dividend' with the tool of 'Good Higher & Technical Education'. India is said to be among the largest producers of engineers in the world, however only a few of its institutions are among the best internationally. Policy makers have realised the necessity to improve the academics of the lagging institutions and the Government of India is committed to make this happen.

Along with many other reforms, Ministry of Human Resource Development has coined the TEQIP project in a phase manner in collaboration with World Bank. TEQIP III is being implemented for period of 2017-2020 having focussed participation of Govt & Govt aided institutes in Low Income States, Hill States, North Eastern States and Andaman & Nicobar. These institutions shall be mentored by experienced & well performing institutions of the country. The major challenges being faced by focus institutes in employability, equity and research will be addressed through different interventions like Guidance of IITs, Faculty Reforms (Teacher Enhancement Funds), Formation of Industry Consultation Committee (ICC), establishing innovation cells, promoting digital learning through MOOCs & SWAYAM etc. under this project. Affiliated Technical Universities (ATUs) are also instructed to pass on the benefits to accommodate and benefit students from unaided institutions.

TEQIP-III is expected to bring institutions from focus states at par with high performing institutions of the country. I am very happy that NPIU has initiated sharing success stories of project implementation through this platform. Best wishes are with NPIU team to make TEQIP III successful on targeted goals.

CPA MESSAGE

It is my pleasure to introduce you with a new platform provided by NPIU through 'Quarterly Newsletter' for the TEQIP III. Motive of this newsletter is to share the academic reforms and initiatives taken by the participating Institutes so as to realize the potential and assess feasibility of replicating them. It will also be used for deliberating on the policies of MHRD for technical education (TEQIP-III).

TEQIP in its third phase, is targeted to improve the quality of technical education in Focus states by introducing enabling mechanism for Faculty empowerment, Student learning enhancement, Industry relations, and synergistic efforts of all stakeholders. The premier institutes like IITs/IIMs/NITs have also extended whole hearted support to guide in this endeavour of nation building. The 'Four-way handshake' among Mentee Institutions, Mentor Institutions, AICTE/NBA and IITs/IIMs, is expected elevate standards of technical education in country.

The NPIU team would be working energetically to make TEQIP III project successful on desired goals within the period allotted for the project by Government of India. I appeal all the institutes and stakeholders to join hands emphatically and work with the aim of creating industrious attitude in Indian youth by sharing your success stories with NPIU at email-id newsletter.teqip@gmail.com.



Prof. (Dr.) P.M. Khodke

HON'BLE HRM MESSAGE



Hon'ble Shri Prakash Javadekar

At the onset, I am very happy to know that NPIU has decided to publish quarterly newsletter for sharing information to all its stakeholders. I congratulate NPIU team for the successful completion of TEQIP II project and its achieved endeavours in the field of technical education.

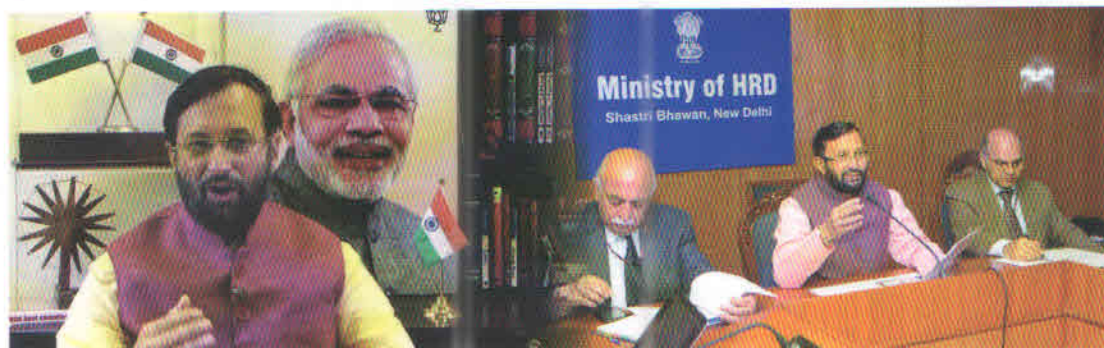
India is currently going through a rapid development and transformational mode. Education is subject that surpasses the political divide, it is a nation building cause. I have a firm belief that creation of world class education system, comprising of Primary, Secondary and Higher education, is must for laying foundation of sustainable development and prosperity of India. Good education system is built upon 5 pillars namely Accessibility, Equity, Quality, Affordability and Accountability. Government of India is launching out many schemes to build a New Education Policy keeping all the above factors in loop.

In developing countries like India, Higher education and technical institutes should try to focus on developing high-quality manpower to assist in National development. Rashtriya Uchatar Shiksha Abhiyan (RUSA), Establishment of 14 world class universities and National Research Professorship are some of Government of India initiatives in Higher education sector, keeping in mind the importance of higher education attached with Nation Building. For making the reach of technical education to last person in India and synchronizing with 'Digital India' Initiative of GoI, MHRD has schemes like Distance education and web-based learning (NPTEL), SWAYAM, Indian National Digital Library etc.

Ancient India had about 1/3rd contribution in World's trade, result of constant innovation and creativity happening in World Universities like Takshashila, Nalanda etc. To achieve that amazing feat again in world-trade contribution and in other areas, Quality of technical education has to be improved throughout nation especially in Focus states with the excellence in innovation and research strongly imbibed in it.

Technical Education Quality Improvement Program (TEQIP) phase III, the flagship project of MHRD is launched on April 1, 2017 by GoI to upgrade technical education in Government Institutions of Focus states and North-eastern region. National Project Implementation Unit (NPIU), Unit of MHRD is a task force behind handling all the project aspects of TEQIP III. TEQIP III will be implemented as 'Central Sector Scheme' with assistance of World Bank as Rs. 2660 Cr budget project. I hope this platform shall certainly benefit all the institutes.

I wish NPIU and institutes in TEQIP III to make the project a grand success on its determined goals of improved technical education in India and focus states.



Highlights

Rapid development and transformational mode

5 Pillars of education: Accessibility, Equity, Quality, Affordability, Accountability

Developing high quality man-power

Importance of world-class universities for Indian economy

TEQIP- III flagship project of GoI with Rs.2660 Cr budget

NPIU is task force for TEQIP III

AICTE Mandate

Innovation & start-up

Mandatory Internship

Industry Readiness

Mandatory Induction Training

Faculty Training by SWAYAM

Industry Consultation Committee

Highlights

Technical Education-
Enabler of growth

TEQIP- Longest standing
tertiary education
project

TEQIP III – Focus on
states with
developmental
challenges

Opportunity to use the
best local and
international practices

Active engagement with
participating institutions

WORLD BANK MESSAGE

Technical education is and will be a key enabler of growth and prosperity as India embraces the challenges and opportunities of the global knowledge-based economy and society. We are extremely pleased with the renewed partnership that the World Bank has established with MHRD in support of TEQIP. This innovative initiative is the longest standing tertiary education project supported by the World Bank, globally.



Mr. Fransisco Marmolejo

TEQIP, in its third page, benefits from important know-how and lessons learned during previous phases. It includes new components such as an emphasis on institutions located in states where developmental challenges are more acute, partnerships between institutions that have successfully participated in previous phases and newly participating institutions, the involvement of Affiliating Technical Universities in recognition of their vital role, and for the first time, standardized measurement of student learning outcomes in engineering education. In other words, TEQIP has become a very dynamic and flexible tool supporting technical education in India.

In the next 20 years India will continue to benefit from a large demographic bonus in comparison to other countries. To translate this demographic transition to a dividend requires transformation of the technical education sector by significantly improving its quality and relevance. This is where participation in TEQIP provides institutions the opportunity to use the best local and international practices to enhance the quality of engineering education.

The World Bank team looks forward to actively engaging with participating institutions on this renewed initiative.

How TEQIP III is different?

Student Learning
Assessment

Inclusion of Affiliating
Technical Universities
covering 1165 unaided
institutions

Collaborative
arrangements between
mentee & mentor
institutions

Use of Direct Benefit
Transfer (DBT) : PFMS

Disbursement Linked
Indicators for funding

Focussed Training (PT &
PDT) from IITs and IIMs

TEQIP-III : Project

INTRODUCTION

TEQIP-III Project is fully integrated with Twelfth five year plan for improving the quality of engineering education with a special consideration for Low Income States and special category states.

PROJECT OBJECTIVES

Improving quality and equity in engineering institutions in focus states viz. 7 Low Income States, 8 North East States, 3 hills states & Andaman and Nicobar Islands.

System-level initiatives by widening the scope of ATUs to improve their policy, academic and management practices towards affiliated institutions.

Twinning arrangements to Build Capacity and Improve Performance of institutions and ATUs participating in focus states.

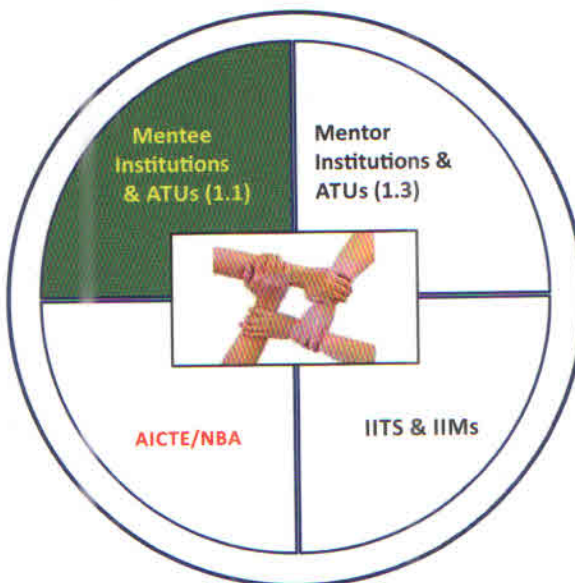
ACADEMICS

Academic Activities

- A) Improve Student Learning
 - a) Promotion of Start-up
 - b) Internships
 - c) Industry readiness
 - d) Induction Training
 - e) Peer Learning Groups
 - f) Remedial Coaching
 - g) Career Counseling

- B) Improving Faculty Productivity
 - a) Annual refresher course on SWAYAM
 - b) Student feedback & peer review
 - c) Conferences

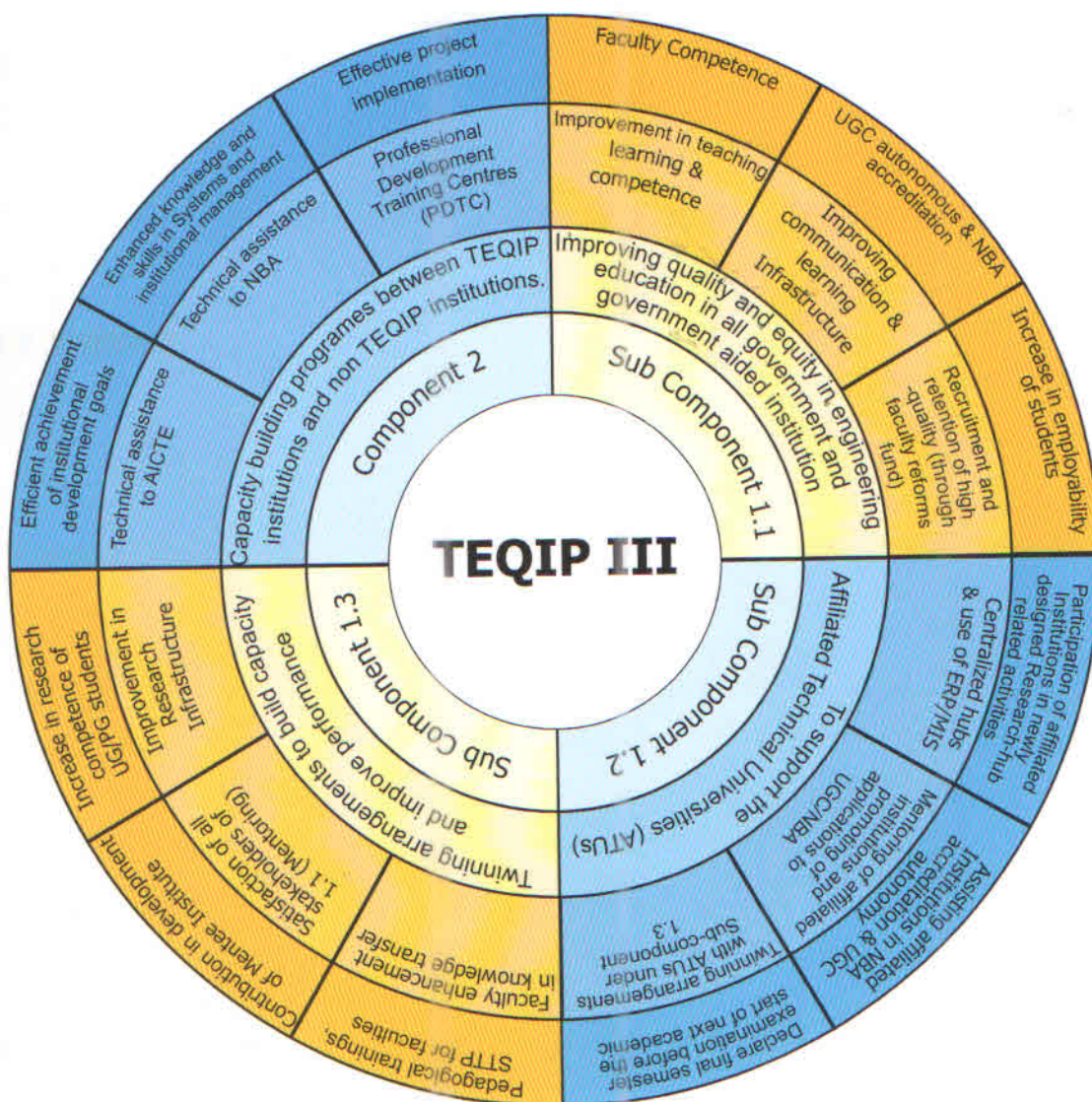
- C) Establishing Twinning System to build capacity and improve performance



Steps for Project Implementation

- MoU between MHRD & State
- MoU between State & Individual Institution
- Twinning Agreement
- PFMS registration
- Submission of activity & expenditure plans
- Approval of activity plan by MHRD
- Uploading of activity plan (NPIU)
- Submission & Approval of procurement Plan
- Execution of activities
- Make payment using PFMS
- Achieve KPIs and DLIs

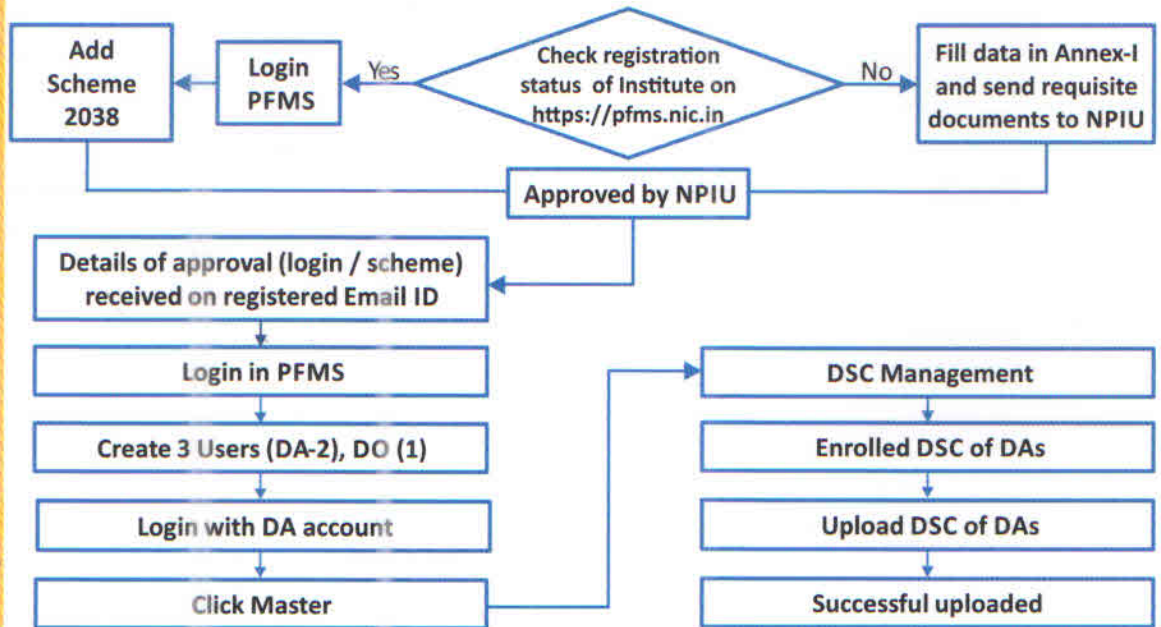
PROJECT DESIGN - 360° VIEW



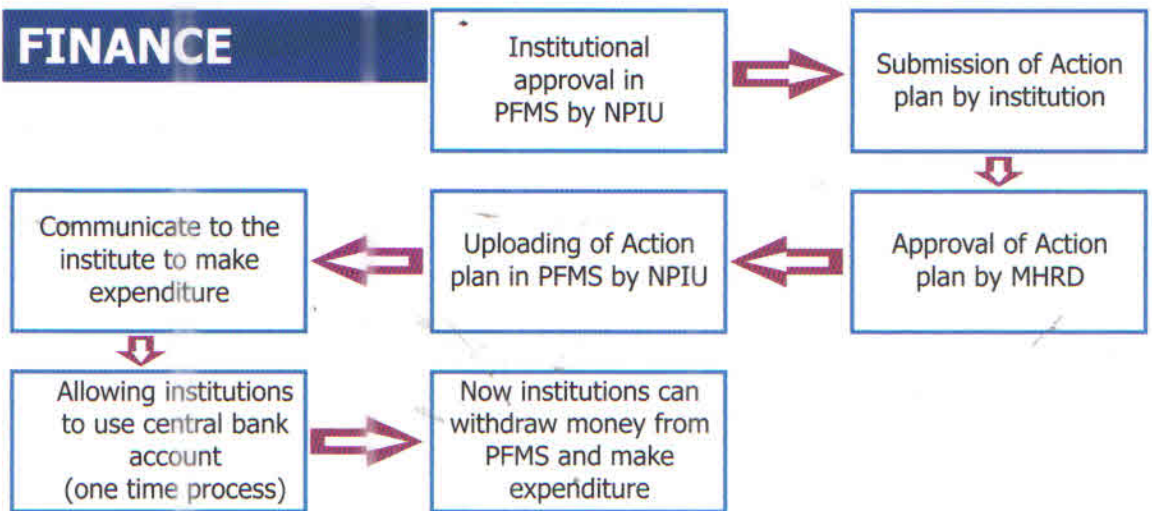
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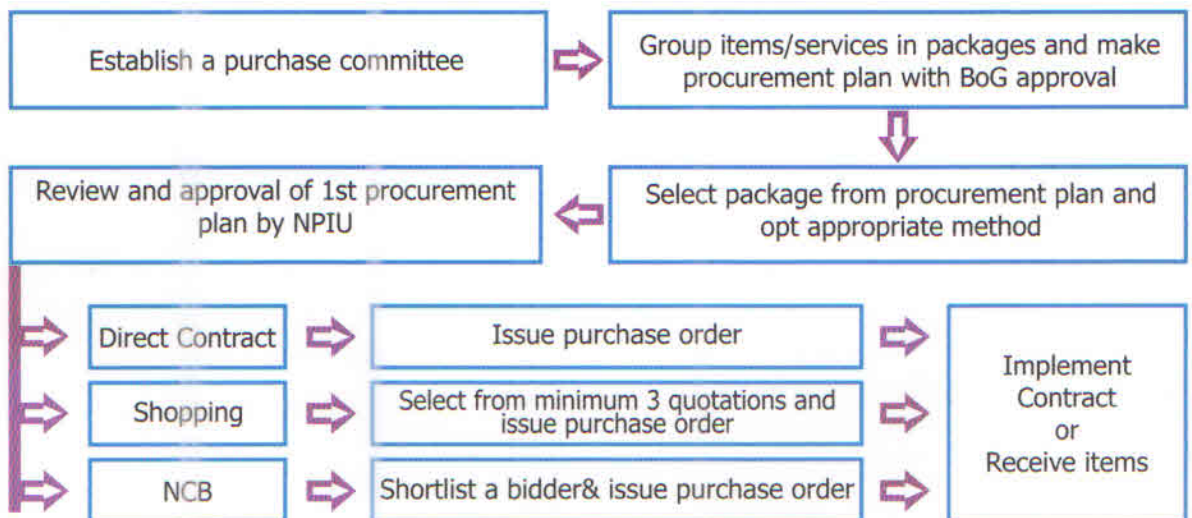
REGISTRATION PROCESS IN PFMS



FINANCE



PROCUREMENT






MoU signing between
MHRD and State on
2nd Feb 2017 in New Delhi



Additional Secretary (TE)
addressing dignitaries
during
MoU signing program



Orientation workshop
presentation on Academics,
Finance, PFMS &
Procurement at IHC Delhi
on 21st & 22nd July



Address by World Bank
lead educationist
Mr. Francisco Marmolejo

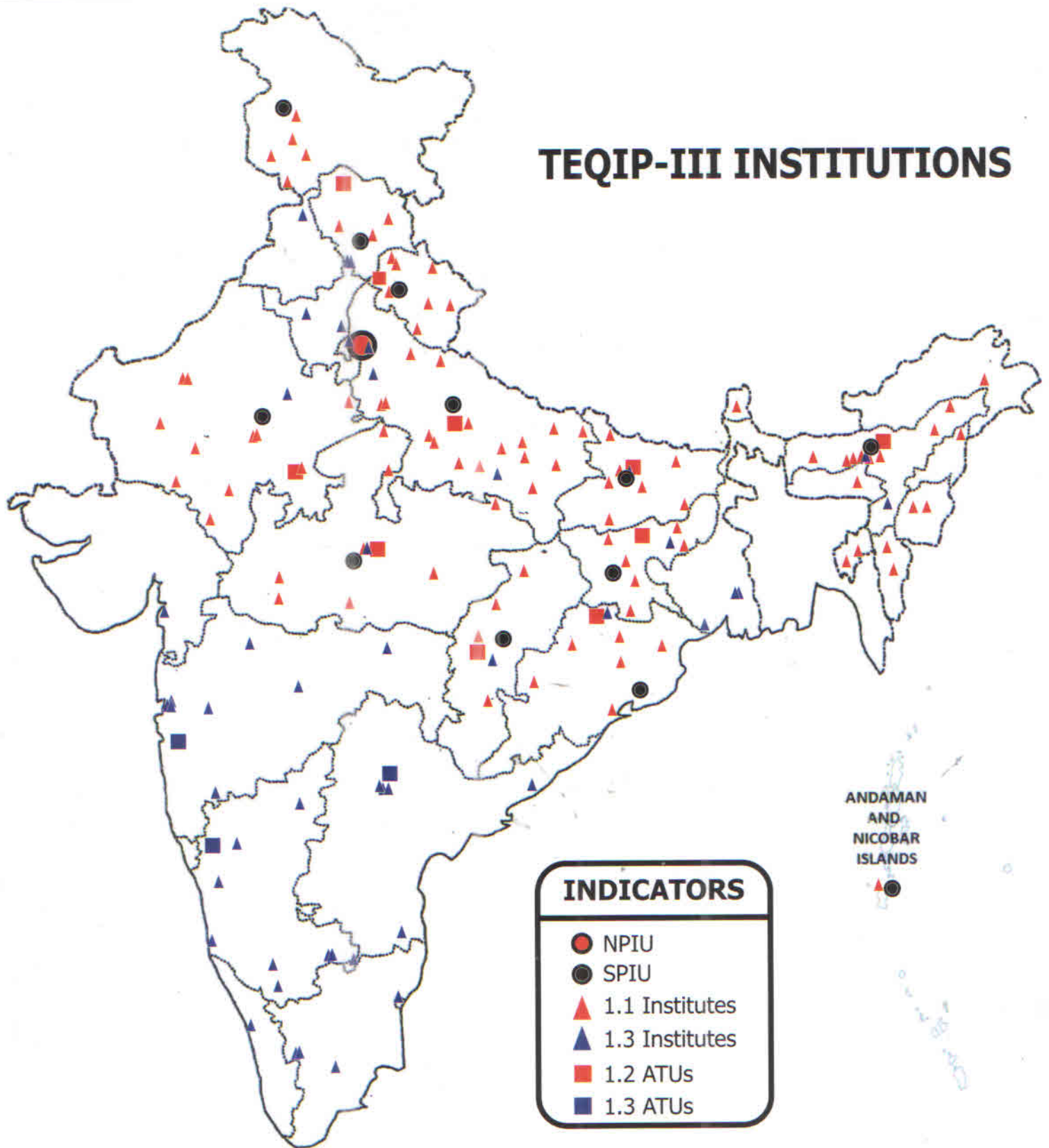


Discussion with ATU's
about the Project activities



Twining agreement signed
between BIT Sindri and
ISM Dhanbad.

TEQIP-III INSTITUTIONS



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