

**Minutes of the Sixth National Steering Committee (NSC) meeting held on 16<sup>th</sup> November 2011 at MHRD on Technical Education Quality Improvement Programme (TEQIP) Phase-II.**

Secretary (Higher Education) welcomed all the participants to the meeting (the list of participants is annexed). Special Secretary & National Project Director inform the participants that meeting would primary focus on final selection of institutions under Sub-component 1.1 and 1.2 and to put cap on the first round of selection of institutions of TEQIP-II. Thereafter the agenda items were taken up by the Special Secretary with the permission of the chair.

**Agenda Item No. 1: Confirmation of the minutes of the 5<sup>th</sup> Meeting of NSC held on 29<sup>th</sup> June 2011.**

Since no comments were made or received from the Members of the NSC, the Minutes of the 5<sup>th</sup> Meeting of NSC were confirmed.

**Agenda Item No. 2: Action Taken Report (ATR) on the minutes of the 5<sup>th</sup> NSC meeting.**

Actions taken on the minutes of fifth NSC meeting were discussed and approved.

**Agenda item no.3: Welcoming new NSC Members.**

MHRD welcomed the new members to NSC.

**Agenda item no.4: Status of selection of institutions under Sub-component 1.1:**

A total of 236 Institutional Development Proposals (IDPs) [65 from Govt./Govt. aided, 08 from Centrally Funded Institutions and 163 from Private unaided Institutions] were received.

**(a) Selection of Govt. / Govt. aided institutions:**

- Out of 73 Govt. /Govt. aided institutions, 70 institutions were found eligible and 03 Govt. / Govt. aided institutions were found ineligible.

Out of the eligible 70 Govt./Govt. aided Institutions:

- (i) 50 Govt. / Govt. aided institutions (05 CFIs & 45 State Govt. / Govt. aided) were declared selected in the last NSC meeting.
- (ii) 20 Govt. / Govt. aided institutions were given time to comply with the eligibility requirements. Out of which 12 institutions (11 State Govt./Govt. aided and 01 Centrally Funded Institution) complied with the eligibility requirements and hence NSC approved the selection.
- (iii) In addition to above, the NSC also approved the selection of NIT Raipur, a Centrally Funded Institution subject to fulfillment of eligibility criteria by 31<sup>st</sup> March 2012, which could not be met due to specific restrictions imposed temporarily by MHRD.

- Thus a total of 63 (50+13) Govt./Govt. aided institutions were selected in the Project under Sub-component 1.1 in the first cycle of selection.

**(b) 25 Private Unaided Institutions were already approved in the 5<sup>th</sup> NSC meeting.**

*Putge*

(c) Total No. of Institutions selected under Sub-component 1.1:

Thus in first cycle of selection, the NSC approved the selection of 88 institutions i.e. [63 Govt./Govt. aided institutions and 25 Private Unaided institutions] in the Project under Sub-component 1.1 (details are enclosed as Annex-I).

**Agenda item no.5: Status of selection of institutions under Sub- component 1.2:**

A total of 130 IDPs [76 from Govt. / Govt. aided, 18 from Centrally Funded Institutions (CFIs) and 36 from Private unaided Institutions] were received.

**(a) Selection of Govt. /Govt. aided Institutions:**

- Out of 94 Govt. /Govt. aided institutions, 03 institutions were not sponsored by their respective State Governments and 03 institutions were not fulfilling the eligibility benchmark for participation in the Project.

Out of 88 Govt. / Govt. aided Institutions:

(i) 41 Govt./Govt. aided institutions (15 CFIs & 26 State Govt. / Govt. aided) were declared selected in the last NSC meeting.

(ii) 47 Govt./Govt. aided institutions were given time for compliance with the eligibility requirements. Out of which 14 State Govt. /Govt. aided institutions complied with the eligibility requirements and hence NSC approved the selection.

(iii) In addition to above, NSC also accorded approval to the following 04 Govt. Institutions:

a) State Govt. institutions :

- (i) JNTU College of Engineering, Kakinada (Andhra Pradesh)
- (ii) Government College of Engineering, Salem (Tamil Nadu)  
*(Where UGC team visit has taken place before 31<sup>st</sup> October 2011 and the approval from UGC is awaited)*

b) Centrally Funded Institutions :

- (iii) NIT Hamirpur
- (iv) NIT Jalandhar  
*(Subject to fulfillment of faculty requirement by 31st March 2012, which could not be met due to specific restrictions imposed temporarily by MHRD.)*

- Thus a total of 59 (41+18) Govt./Govt. aided institutions were selected in the Project under Sub-component 1.2.

- Participation of remaining Govt./Govt. aided institutions in the project will not be considered.

**(b) Selection of Private unaided Institutions:**

- Out of 36, top ranking 15 Private unaided institutions were to be selected.
  - (i) 08 institutions were declared selected in the last NSC meeting.
  - (ii) 07 Institutions were given time for compliance of eligibility requirements out of which 06 institutions complied with the eligibility requirements and hence NSC approved the selection.
  
- Thus a total of 14 Private unaided institutions were selected in the Project under Sub-Component 1.2.
  
- Participation of remaining Private unaided institution will not be considered.

**(c) Total No. of Institutions that are selected under Sub-component 1.2:**

Thus in all the NSC approved the selection of 73 institutions i.e. [59 Govt./Govt. aided institutions and 14 Private unaided institutions] in the Project (details are enclosed as Annex-II).  
**Remaining applicant institutions will hereafter not be considered for participation.**

**Agenda item No. 6: Status of signing of MoUs:**

NSC noted the progress on signing of MoUs. It expressed concern for the slow pace in signing the MoUs. To ensure a timely completion of the signing process, a deadline of 31<sup>st</sup> March 2012 for signing of MoUs was established. The signing of MoUs will not be permitted beyond this date.

**Agenda item No. 7: Planned Work programme for NPIU until the end of financial year 2011- 2012:**

Sub-component	Activity and Objective	Time-line
1.1 -1.2	Complete MoU signing and the first releases of funding	Nov 2011 – Jan 2012
All	Orientation and training of State governments and institutions for project implementation: <ul style="list-style-type: none"> <li>- Workshops for Project Orientation, Procurement, Financial Management, MIS and Monitoring, support to weak students</li> <li>- Printing and distribution of PIP</li> </ul>	Nov 2011 – Feb 2012 By January 2012
1.1 -1.2	Implementation support: <ul style="list-style-type: none"> <li>- For lagging states (NPIU and World Bank)</li> <li>- Training of Academic mentors and performance auditors</li> </ul>	December 2011 Jan – March 2012
	1 <sup>st</sup> Joint Review Meetings (GoI, States, and World Bank) in Delhi	Jan 2012
1.3	Improving teaching effectiveness: <ul style="list-style-type: none"> <li>- Invitation of the Expression of interest from potential providers of pedagogical training</li> <li>- Prepare template for State plans for contracting and organizing pedagogical training</li> </ul>	December 2011 By March 2012
2.1	Improve system management and build capacity: <ul style="list-style-type: none"> <li>- Prepare for orientation of senior Governing Body members</li> </ul>	By March 2012
All (2.2)	Monitoring and Evaluation: <ul style="list-style-type: none"> <li>- Reporting of all institutions in the Academic MIS</li> </ul>	December 2011

	- First status report for the 1st joint review meetings - Advance on student and faculty surveys	December 2011 By March 2012
All	NPIU strengthening: Increase in the staffing	Nov 2011 - Feb 2012
All	7 <sup>th</sup> NSC meeting	March 2012

**The NSC accorded the approval.**

**Agenda item No. 8: Any other business with the permission of the Chair:**

(i) Specific issues on 03 Private Unaided institutions from the State of Andhra Pradesh:

- a) NSC accorded approval for the participation of Sreenidhi Institute of Science & Technology, Ghatkesar, Hyderabad under Sub-component 1.2 and subsequent signing of MoU with the State of Andhra Pradesh.
- b) NSC accorded approval for the participation of Malla Reddy Engineering College, Medchal, R.R. District, Hyderabad under Sub-component 1.1 and subsequent signing of MoU with the State of Andhra Pradesh with a specific warning of "Not to commercialize the selection of institution under the TEQIP".
- c) Govt. of Andhra Pradesh is requested to expedite the signing of MoU with the VNR Vignana Jyothi Institute of Engineering & Technology, Hyderabad.

(ii) Project Management, Monitoring, Evaluation and Mentoring:

NSC was apprised with the methodology for an effective Project Management, Monitoring and Evaluation (details are enclosed as Annex-III)

The meeting ended with a Vote of thanks to the Chair.



LIST OF PARTICIPANTS FOR 6<sup>th</sup> NSC MEETING HELD ON 16<sup>th</sup> November 2011

Sl. No.	Name & Address
1	Ms. Vibha Puri Das, IAS, Chairperson, NSC, Secretary (HE), MHRD Shastri Bhawan, New Delhi
2	Shri. Ashok Thakur, IAS, Member Secretary, NSC & Special Secretary (TE) & NPD, MHRD Shastri Bhawan, New Delhi
3	Prof. Devi Singh, Director, IIM, Lucknow
4	Prof. S.S. Mantha, Acting Chairman , (AICTE), New Delhi
5	Prof. Prem Kalra, Dept. of Computer Science & Engineering., IIT Delhi
6	Shri. Pawan Agrawal, Advisor, Planning Commission, New Delhi
7	Dr. Sandhya Chintala, NPSAG Representative, Sr. Director,(NASSCOM), New Delhi
8	Ms. Shalini S. Sharma, Head (H.E), CII, New Delhi
9	Shri. Pravin L. Agrawal, Director (Mgmt.), MHRD, New Delhi
10	Prof. A.U. Digraskar, Central Project Advisor, NPIU
11	Shri. S.P. Sharma, AFA, IFD/MHRD, New Delhi
12	Shri. S.K. Mohanty, Under Secretary, MHRD, New Delhi
13	Shri. R.S. Solanki, Under Secretary (Mgt.), MHRD, New Delhi



### FINAL STATUS OF STATE-WISE INSTITUTION'S SELECTION

S. No.	Name of State/CFIs	Sub-component 1.1		Sub-component 1.2		Total No. of Institutions
		Govt.	Private	Govt.	Private	
1	Andhra Pradesh	--	12	6	4	22
2	Bihar	2	--	--	--	2
3	Chhattisgarh	3	1	--	--	4
4	Gujarat	2	--	--	--	2
5	Haryana	2	1	3	--	6
6	Himachal Pradesh	1	--	--	--	1
7	Jharkhand	--	1	1	--	2
8	Karnataka	3	1	8	7	19
9	Kerala	13	--	--	--	13
10	Madhya Pradesh	2	1	2	--	5
11	Maharashtra	4	2	8	2	16
12	Odisha	2	--	--	--	2
13	Punjab	4	1	1	--	6
14	Rajasthan	5	1	--	--	6
15	Tamil Nadu	1	--	4	--	5
16	UT-Chandigarh	1	--	1	--	2
17	UT-Puducherry	1	--	--	--	1
18	Uttar Pradesh	1	1	3	--	5
19	Uttarakhand	1	--	2	--	3
20	West Bengal	8	3	3	1	15
21	CFIs	7	--	17	--	24
	<b>Total</b>	63	25	59	14	161
		<b>88</b>		<b>73</b>		<b>161</b>

*Handwritten signature*

## LIST OF INSTITUTIONS SELECTED UNDER SUB-COMPONENT 1.1

S. No.	Name of the State/UT	Category of the Institution	Institute Registration No.	Name of the Institution
1	Andhra Pradesh	Private unaided	AP-PU-04/88	Aditya Institute of Technology & Management, Tekkali, Srikakulam
2		Private unaided	AP-PU-09/88	Anurag Engineering College, Kodad, Nalgonda
3		Private unaided	AP-PU-12/88	Aurora's Scientific, Technological & Research Academy, Bandlaguda, Hyderabad
4		Private unaided	AP-PU-21/88	Chaitanya Bharathi Institute of Technology, Gandipet, Hyderabad
5		Private unaided	AP-PU-29/88	Gokaraju Rangaraju Institute of Engineering & Technology, Kukatpally, Hyderabad
6		Private unaided	AP-PU-40/88	Madanapalle Institute of Technology & Science, Madanapalle
7		Private unaided	AP-PU-44/88	Malla Reddy Engineering College, Medchal, R.R. District, Hyderabad
8		Private unaided	AP-PU-50/88	Nizam Institute of Engineering & Technology, Nalgonda
9		Private unaided	AP-PU-64/88	Shri Vishnu Engineering College for women, Vishnupur, Bhimavaram
10		Private unaided	AP-PU-68/88	Sree Vidyanikethan Engineering College, Chittoor
11		Private unaided	AP-PU-81/88	Vasavi College of Engineering, Ibrahimbagh, Hyderabad
12		Private unaided	AP-PU-79/88	Vallurupalli Nageswara Rao Vignana Jyothi Institute of Engg. & Technology, Hyderabad
13	Bihar	Govt.	BI-G-2/3	Muzaffarpur Institute of Technology, Muzaffarpur
14		Govt.	BI-G-1/3	Bhagalpur College of Engineering, Bhagalpur
15	Chhattisgarh	Govt.	CHH-G-1/5	Government Engineering College, Bilaspur
16		Govt.	CHH-G-2/5	Government Engineering College, Jagdalpur, Bastar
17		Govt.	CHH-G-3/5	Government Engineering College, Raipur
18		Private unaided	CHH-PU-4/5	Rungta College of Engineering & Technology, Bilai
19	Gujarat	Govt.	GU-G-9/17	Government Engineering College, Bhavnagar
20		Govt. aided	GU-GA-12/17	Birla Vishvakarma Mahavidyalaya, Vallabh Vidynagar
21	Haryana	Govt.	HA-G-1/14	University Institute of Engineering & Technology (UIET), Kurukshetra University, Kurukshetra
22		Govt.	HA-G-2/14	University Institute of Engineering & Technology, MDU, Rohtak
23		Private unaided	HA-PU-7/14	N.C College of Engineering, Panipat
24	Himachal Pradesh	Govt.	HP-G-1/2	Jawaharlal Nehru Government Engineering College, Sundernagar, Mandi
25	Jharkhand	Private unaided	JH-PU-1/2	Cambridge Institute of Technology, Ranchi

S.No.	Name of the State/UT	Category of the Institution	Institute Registration No.	Name of the Institution
26	Karnataka	Govt. aided	KA-GA-6/41	BVB College of Engineering & Technology, Hubli
27		Govt. aided	KA-GA-19/41	PES College of Engineering, Mandya
28		Govt.	KA-G-9/41	Government Sri Krishnarajendra Silver Jubilee Technological Institute, Bangalore
29		Private unaided	KA-PU-17/41	NITTE Meenakshi Institute of Technology, Bangalore
30	Kerala	Govt.	KE-G-1/19	Government Engineering College, Thrissur
31		Govt.	KE-G-2/19	Government Engineering College, Kozhikode
32		Govt.	KE-G-7/19	Government Engineering College, Painavu, Idukki
33		Govt.	KE-G-5/19	Rajiv Gandhi Institute of Technology, Kottayam
34		Govt.	KE-G-6/19	School of Engineering, Cochin University of Science & Technology, Cochin
35		Govt.	KE-G-4/19	Government College of Engineering, Kannur
36		Govt.	KE-G-3/19	Government Engineering College, Bartonhill, Thiruvananthapuram
37		Govt.	KE-GU-8/19	LBS Institute of Technology for Women, Poojappura, Thiruvananthapuram
38		Govt.	KE-GU-9/19	College of Engineering Perumon, Perinad, Kollam
39		Govt.	KE-GU-10/19	College of Engineering, Kidangoor, Kottayam
40		Govt. aided	KE-GA-11/19	Cooperative Institute of Technology, Vadakara, Kozhikode
41		Govt.	KE-GU-12/19	College of Engineering Trikaripur, Cheemeni, Kasargod
42		Govt.	KE-GU-16/19	College of Engineering Thalassery, Kannur
43		Madhya Pradesh	Govt. aided	MP-GA-01/06
44	Govt. aided		MP-GA-05/06	Samrat Ashok Technological Institute (Engineering College), Vidisha
45	Private unaided		MP-PU-04/06	Sagar Institute of Research & Technology, Bhopal
46	Maharashtra	Govt.	MH-G-16/31	Government College of Engineering, Karad
47		Govt. aided	MH-GA-09/31	BVB's Sardar Patel College of Engineering, Mumbai
48		Govt.	MH-G-24/31	Government College of Engineering, Chandrapur
49		Govt.	MH-G-20/31	Government College of Engineering, Jalgaon
50		Private unaided	MH-PU-07/31	Bharati Vidyapeeth University, College of Engineering, Pune
51		Private unaided	MH-PU-27/31	STES's Sinhgad College of Engineering, Pune

*prate*



S.No.	Name of the State/UT	Category of the Institution	Institute Registration No.	Name of the Institution
52	Odisha	Govt.	OR-G-4/5	Veer Surendra Sai University of Technology, Burla, Sambalpur
53		Govt.	OR-G-1/5	College of Engineering & Technology, Bhubaneswar
54	Punjab	Govt. aided	PB-GA-1/22	Guru Nanak Dev Engineering College, Ludhiana
55		Govt. aided	PB-GA-2/22	Beant College of Engineering & Technology, Gurdaspur
56		Govt.	PB-G-3/22	GZS College of Engineering & Technology, Bhatinda
57		Govt. aided	PB-GA-4/22	SBS College of Engineering & Technology, Ferozepur
58		Private unaided	PB-PU-10/22	Chandigarh Engineering College, Mohali
59		Rajasthan	Govt.	RJ-G-1/11
60	Govt.		RJ-G-2/11	Government Engineering College, Ajmer
61	Govt.		RJ-G-3/11	Engineering College, Bikaner
62	Govt.		RJ-G-4/11	College of Technology & Engineering, Udaipur
63	Govt.		RJ-G-5/11	M L V Textile & Engineering College, Bhilwara
64	Private unaided		RJ-PU-8/11	Institute of Engineering & Technology, Alwar
65	Tamil Nadu		Govt.	TN-G-28/33
66	UT-Chandigarh	Govt.	UT-CH-G-2/2	University Institute of Engineering & Technology, Chandigarh
67	UT-Puducherry	Govt.	PD-G-1/1	Pondicherry Engineering College, Puducherry
68	Uttar Pradesh	Govt. aided	UP-GA-1/20	Faculty of Engineering & Technology, MJP Rohilkhand University, Bareilly
69		Private unaided	UP-PU-13/20	School of Engineering & Technology, IFTM University, Moradabad (formerly known as College of Engineering & Technology, Moradabad)
70	Uttarakhand	Govt.	UK-G/1/1	VCT Kumaon Engineering College, Dwarahat, Dist-Almora
71	West Bengal	Govt. aided	WB-GA-7/25	RCC Institute of Information Technology, Kolkata
72		Govt. aided	WB-GA-6/25	College of Engineering & Management, Kolaghat
73		Govt. aided	WB-GA-8/25	Bankura Unnayani Institute of Engineering, Bankura
74		Govt.	WB-G-2/25	University Institute of Technology, The University of Burdwan, Burdwan
75		Govt.	WB-G-3/25	Government College of Engineering & Leather Technology, Kolkata
76		Govt. aided	WB-GA-4/25	Calcutta Institute of Engineering & Management, Kolkata
77		Govt. aided	WB-GA-1/25	West Bengal University of Technology, Kolkata
78		Govt. aided	WB-GA-5/25	Birbhum Institute of Engineering & Technology, Birbhum
79		Private unaided	WB-PU-9/25	M.C.K.V Institute of Engineering, Howrah
80		Private unaided	WB-PU-11/25	Heritage Institute of Technology, Kolkata
81		Private unaided	WB-PU-17/25	Narula Institute of Technology, Pargnas

*praty*

S.No.	Name of the State/UT	Category of the Institution	Institute Registration No.	Name of the Institution
82	Centrally Funded Institutions	CFI	CFI-G-1/9	Assam University, Silchar
83		CFI	CFI-G-5/9	Sant Longowal Institute of Engineering & Technology, Sangrur
84		CFI	CFI-G-3/9	Zakir Hussain College of Engineering and Technology, Aligarh, Muslim University, Aligarh
85		CFI	CFI-G-4/9	North Eastern Regional Institute of Science and Technology (NERIST), Itanagar
86		CFI	CFI-G-6/9	National Institute of Technology, Agartala
87		CFI	CFI-G-7/9	National Institute of Technology, Patna
88		CFI	CFI-G-8/9	National Institute of Technology, Raipur*
<b>Total No. of Institutions (88)</b>				

\* selection is subject to fulfillment of the eligibility requirements by 31<sup>st</sup> March 2012.

*Handwritten signature*

## LIST OF INSTITUTIONS SELECTED UNDER SUB-COMPONENT 1.2

S. No.	Name of the State	Category of the Institution	Registration No.	Name of Institution
1	Andhra Pradesh	Govt.	AP-G-1/17	A U College of Engineering, Andhra University, Visakhapatnam
2		Govt.	AP-G-7/17	JNTUH College of Engineering, Hyderabad
3		Govt.	AP-G-8/17	JNTU College of Engineering, Kakinada*
4		Govt.	AP-G-14/17	University College of Engineering, Osmania University, Hyderabad
5		Govt.	AP-G-15/17	University College of Technology, Osmania University, Hyderabad
6		Govt.	AP-G-13/17	SVU College of Engineering, Tirupati
7		Private unaided	AP-PU-3/17	Gayatri Vidya Parishad College of Engineering, Madhurawada, Visakhapatnam
8		Private unaided	AP-PU-4/17	GITAM Institute of Technology - GITAM University , Vishakhapatnam
9		Private unaided	AP-PU-12/17	Sreenidhi Institute of Science & Technology, Ghatkesar, Hyderabad
10		Private unaided	AP-PU-16/17	VR Siddhartha Engineering College, Kanuru, Vijaywada
11	Haryana	Govt.	HAR-G-1/4	Faculty of Science, Kurukshetra University, Kurukshetra
12		Govt.	HAR-G-2/4	Faculty of Engineering & Technology, Deenbandhu Chhotu Ram University of Science & Technology, Murthal
13		Govt. aided	HAR-GA-3/4	Faculty of Engineering & Technology, Guru Jambheshwar University of Science & Technology, Hissar
14	Jharkhand	Govt. aided	JH-GA-1/2	Birla Institute of Technology, Mesra, Ranchi
15	Karnataka	Govt.	KA-G-1/18	University Visvesvaraya College of Engineering (Bangalore University), Bangalore
16		Govt. aided	KA-GA-4/18	Sri Jayachamarajendra College of Engineering, Mysore
17		Govt. aided	KA-GA-5/18	Malnad College of Engineering, Hassan
18		Govt. aided	KA-GA-6/18	BMS College of Engineering, Bangalore
19		Govt. aided	KA-GA-7/18	The National Institute of Engineering, Mysore
20		Govt. aided	KA-GA-8/18	Basaveshwar Engineering College, Bagalkot
21		Govt. aided	KA-GA-9/18	H.K.E.S's PDA College of Engineering, Gulbarga
22		Govt. aided	KA-GA-10/18	Dr. Ambedkar Institute of Technology, Bangalore
23		Private unaided	KA-PU-11/18	MS Ramaiah Institute of Technology, Bangalore
24		Private unaided	KA-PU-12/18	NMAM Institute of Technology, Nitte, Udupi
25		Private unaided	KA-PU-13/18	Sri Siddhartha Institute of Technology, Maralur, Tumkur
26		Private unaided	KA-PU-14/18	Siddaganga Institute of Technology, Tumkur
27		Private unaided	KA-PU-15/18	SDM College of Engineering and Technology, Dhavalagiri, Dharwad
28		Private unaided	KA-PU-16/18	RV College of Engineering, Bangalore
29		Private unaided	KA-PU-17/18	PES Institute of Technology, Bangalore



S. No.	Name of the State	Category of the Institution	Registration No.	Name of Institution
30	Madhya Pradesh	Govt. aided	MP-GA-1/4	Rajiv Gandhi Proudhyogiki Vishwavidhyalaya, Bhopal
31		Govt. aided	MP-GA-2/4	Shri GS Institute of Technology & Science, Indore
32	Maharashtra	Govt.	MH-G-1/14	Institute of Chemical Technology, Matunga, Mumbai
33		Govt.	MH-G-2/14	College of Engineering, Shivajinagar, Pune
34		Govt. aided	MH-GA-3/14	Veer mata Jijabai Technological Institute, Matunga, Mumbai
35		Govt. aided	MH-GA-4/14	Shri Guru Gobind Singhji Institute of Engineering & Technology, Nanded
36		Govt. aided	MH-GA-5/14	Walchand College of Engineering, Sangli
37		Govt.	MH-G-6/14	Govt. College of Engineering, Amravati
38		Govt.	MH-G-7/14	Govt. College of Engineering, Aurangabad
39		Govt. aided	MH-GA-8/14	Dr. Babasaheb Ambedkar Technological University, Lonere, Raigad
40		Private unaided	MH-PU-11/14	GH Rasoni College of Engineering, Nagpur
41		Private unaided	MH-PU-12/14	Rajarambapu Institute of Technology, Islampur, Sangli
42		Punjab	Govt. aided	PB-GA-1/1
43	Tamil Nadu	Govt.	TN-G-2/15	Govt. College of Technology, Coimbatore
44		Govt.	TN-G-3/15	Alagappa Chettiar College of Engineering and Technology, Karaikudi
45		Govt.	TN-G-4/15	Government College of Engineering, Salem*
46		Govt.	TN-G-12/15	Manonmaniam Sundaranar University, Abishekapatti, Tirunelveli
47	UT-Chandigarh	Govt.	UT-CH-G-1/1	PEC University of Technology, Chandigarh
48	Uttar Pradesh	Govt.	UP-G-1/9	Harcourt Butler Technological Institute, Kanpur
49		Govt.	UP-G-2/9	Institute of Engineering & Technology, Lucknow
50		Govt.	UP-G-3/9	Madan Mohan Malaviya Engineering College, Gorakhpur
51	Uttarakhand	Govt. aided	UTT-GA-1/3	College of Technology - GB Pant University of Agriculture & Technology, Pantnagar
52		Govt. aided	UTT-GA-2/3	Govind Ballabh Pant Engineering College, Pauri Garhwal
53	West Bengal	Govt.	WB-G-1/10	University College of Technology - University of Calcutta, Kolkata
54		Govt. aided	WB-GA-2/10	Faculty of Engineering and Technology - Jadavpur University, Kolkata
55		Govt.	WB-G-3/10	Bengal Engineering and Science University, Shibpur, Howrah
56		Private unaided	WB-PU-9/10	JIS College of Engineering, Nadia

*pute*

S. No.	Name of the State	Category of the Institution	Registration No.	Name of Institution
57	Centrally Funded Institutions	CFI	CFI-G-1/18	MNIT, Allahabad
58		CFI	CFI-G-2/18	MNIT, Bhopal
59		CFI	CFI-G-3/18	NIT, Calicut
60		CFI	CFI-G-4/18	ISM, Dhanbad
61		CFI	CFI-G-5/18	NIT, Durgapur
62		CFI	CFI-G-6/18	NIT, Hamirpur*
63		CFI	CFI-G-7/18	MNIT, Jaipur
64		CFI	CFI-G-8/18	NIT, Jalandhar*
65		CFI	CFI-G-10/18	NIT, Kurukshetra
66		CFI	CFI-G-11/18	VNIT, Nagpur
67		CFI	CFI-G-13/18	NIT, Rourkela
68		CFI	CFI-G-14/18	NIT, Silchar
69		CFI	CFI-G-15/18	SVNIT, Surat
70		CFI	CFI-G-16/18	NIT, Surathkal
71		CFI	CFI-G-17/18	NIT, Trichy
72		CFI	CFI-G-18/18	NIT, Warangal
73		CFI	CFI-G-9/18	NIT, Jamshedpur
<b>Total No. Institutions (73)</b>				

\* selection is subject to fulfillment of the eligibility requirements by 31<sup>st</sup> March 2012.

*puty*

## PROJECT MANAGEMENT &amp; MONITORING

## 1. Project Management:

To ensure effective implementation of the Project at all levels and achievement of the Project objectives and deliverables under each component. The Project will be managed in a participatory manner at the National, State and Institutional levels by NSC, SSC and Institutional TEQIP unit.

## 2. Project Monitoring:

The project will be monitored through :

- (i) Monitoring through Key Performance Indicators (KPIs)
- (ii) Web based Management Information System (MIS)

## (i) Key Performance Indicators:

Component 1: Improving Quality of Education in Selected Institutions		
Project Sub-components	Monitoring Parameters	Project Outcome/Output Indicators
<b>Sub-component 1.1:</b> Strengthening Institutions to Improve Learning Outcomes and Employability of Graduates	<ul style="list-style-type: none"> <li>• Effectiveness of funds utilized for the teaching, training, learning and research equipment, library, computers, etc. by Institutions</li> <li>• Obtaining Academic Autonomy status</li> <li>• Effort made by Institutions for upgrading qualifications of faculty members</li> <li>• Generation, retention and utilization of IRG</li> <li>• Existing teaching and staff vacancies and effort made by Institutions for filling the vacancies</li> <li>• Effectiveness of equity at Institutional level</li> </ul>	Increase in the satisfaction index of student and faculty  Number of institutions that have obtained UGC status as academically autonomous.  Percentage of faculty enrolled in MTech and PhD  Government order and BoG approved rules in position  Percentage of faculty and staff positions vacant  Transition rate of students from the First to the Second year in UG programmes
<b>Sub-component 1.2:</b> Scaling-up Postgraduate education and demand-driven Research & Development and Innovation	<ul style="list-style-type: none"> <li>• Effectiveness of funds utilized for the teaching, training, learning and research equipment, library, computers, etc. by the Institutions</li> <li>• Effectiveness of scaling-up Postgraduate Technical Education</li> <li>• Effectiveness of collaborations made with other Institutions in India and abroad</li> </ul>	Increase in the satisfaction index of student and faculty  Increased enrolment for MTech and PhD  Increase in number of co-authored publications in refereed journals
<b>Sub-component 1.3:</b> Faculty Development for Effective Teaching (Pedagogical Training)	<ul style="list-style-type: none"> <li>• Effort made by Institutions providing Pedagogy Training to faculty</li> <li>• Effectiveness of Pedagogy Training</li> </ul>	Percentage of faculty who have undergone Pedagogy Training  Percentage of students satisfied with the quality of teachers



Component 2 : Improving System Management		
<b>Sub-component 2.1:</b> Capacity Building to Strengthen Management	<ul style="list-style-type: none"> <li>• Implementation of academic and non-academic reforms in large number of institutions within State/Ut</li> </ul>	Improved understanding of the need and ways for increased autonomy, improved governance, and new instruments for accountability.
<b>Sub-component 2.2:</b> Project Management, Monitoring and Evaluation	<ul style="list-style-type: none"> <li>• Effectiveness of mentoring, reviews, surveys &amp; audits conducted</li> <li>• Effective use of MIS</li> </ul>	Increase in the achievement of the targets by project institutions Precise and reliable information/ data through web based MIS available to stakeholders at all time.

*Puty*

### Key Performance Indicators with Target Values

S. No	Indicators	Target values	
		Sub-component 1.1	Sub-component 1.2
1	Share of Supported eligible programmes that are accredited plus applied for	50% (UG+PG) (*) 80% (UG+PG) (**)	75% UG & 60% PG (*) 85% UG & 70% PG (**)
2	Percentage of institutions with academic autonomy	100% (*)	Already autonomous
3	a) Increase in percentage of regular faculty with Masters degree in engineering disciplines above baseline b) Increase in Percentage of regular faculty with Doctoral degree in engineering disciplines above baseline	20% (*) & 40% (**)  10% (*) & 20% (**)	-----  20% (*) & 25% (**)
4	Faculty position filled+	(i) For Govt. funded & aided institutions : 70% (with at least 55% on regular appointment and remaining on 11 months or longer contracts) (*) 80% (with at least 60% on regular appointment and remaining on 11 months or longer contracts) (**) (ii) For Private unaided institutions : 100% (with at least 60% on regular appointment and remaining on 11 months or longer contracts) (*) 100% (with at least 70% on regular appointment and remaining on 11 months or longer contracts) (**)	(i) For Govt. funded & aided institutions : 80% (with at least 70% on regular appointment and remaining on 11 months or longer contracts) (*) 90% (with at least 75% on regular appointment and remaining on 11 months or longer contracts) (**) (ii) For Private unaided institutions : 100% (with at least 70% on regular appointment and remaining on 11 months or longer contracts) (*) 100% (with at least 75% on regular appointment and remaining on 11 months or longer contracts) (**)
5	Increase in the number of publications in the field of Engineering in refereed journals	500 (***)	1000 (+ 500 for 1.2.1) (***)
6	Transition rate for students from the First year to the Second year of undergraduate programmes	45% (1 year) The transition rate needs to be improved by each institution during each Project-year.	
7	No. of additional Masters and Doctoral students enrolled with TEQIP funds in the project institutions during the project period.	3350 (Masters) and 2000 (PhD) (***)	
8	IRG as % of total annual recurring expenditure	As per Institutional Development Proposal (IDP)	

\* within 2 years of Project start

\*\* to be achieved by Project closure

\*\*\* National target

+ as per the AICTE prescribed faculty student ratio (MHRD norms will apply for NITs & CFIs)



(ii) **Web Based Management Information System (MIS):** A web-based Management Information System (MIS) will be used as a tool to meet the Monitoring & Evaluation requirement of the Project. MIS will track implementation of Key Project Inputs, Outputs, Outcomes and Impact corresponding to Project activities through Performance Indicators developed for the Project.

### 3. Project Evaluation:

The Project evaluation activities will cover all entities participating in the Project, and will be done through:

(i) Institutional Audits:

Audits will be conducted to ascertain the validity and reliability of information and to also provide an assessment of Project's internal control. Auditors will assess progress made under the Project and processes related to technical and fiduciary aspects of the Project. These audits will verify implementation in accordance with the agreed NPIU/MHRD-World Bank procedure and guidelines and will combine factual assessment with qualitative assessment. The Assessment Audits will be conducted until the Project closure.

▪ *Performance and Data Audits:*

Performance and Data audits will be carried out annually to assess progress made by all project institutions to achieve set goals as per their plans given in IDPs like implementation of agreed reforms, accuracy, and validity of data, progress in faculty development, utilization of resources and achievement of targets set by the Institution to achieve academic excellence. The Performance Auditors will be senior academicians, appointed out of a pool of mentors created from persons suggested by SPFUs and those identified by the NPIU.

▪ *Fiduciary Audits:*

The Fiduciary Audits will be carried out by the World Bank. It will cover Post-Procurement Reviews and Financial Management Reviews. The emphasis will be to verify the reliability and correctness of the data provided by the project institutions.

(ii) Assessment Surveys:

The Assessment Surveys will be conducted by the NPIU. These surveys will measure changes in the quality of education in the project institutions through formative and summative assessments of performance. The Assessment Surveys will be conducted until the Project Closure. The Consulting Firms will be employed to conduct the surveys as and when required. The Surveys to be undertaken are:

▪ *Student Satisfaction Surveys:*

To measure the quality of education being provided by project institutions, annual Student Satisfaction Surveys will be conducted. The Surveys will measure students' satisfaction with methods and quality of teaching and learning, quality of faculty, adequacy and quality of infrastructure and facilities available for academic and other co-curricular activities, etc.

▪ *Faculty Satisfaction Surveys:*

Annual Faculty Satisfaction Survey will also be conducted. The Surveys will measure faculty's satisfaction with the quality of students, opportunities available for career advancement, up-gradation of skills viz. educational qualification, modern pedagogical training, etc.



- *Employer Satisfaction Surveys:*

The Employer Satisfaction Surveys will assess the acceptability level of graduates from project institutions. The change in Employer Satisfaction will be a measure of the quality of education provided by project institutions. These Surveys will be undertaken at the end of second, third and fourth years of the Project.

- *Implementation Surveys:*

The Implementation Survey will get feedback from officials of nodal implementing agencies [MHRD, NPIU, and SPFU] and personnel from Institutions involved in Project implementation about Project design, implementation, impact and performance. The feedback will be assessed by the NPIU and the World Bank and shared with all respondents so that the outcomes of the feedback can be utilized for corrective action at the National, State and Institutional levels. The Surveys will be web based. It will be conducted twice, firstly before the Mid-Term Review (after two years from the implementation of the Project) and secondly at the end of the Project.

(iii) Reviews:

Two types of reviews will be organized by the NPIU to assess the qualitative improvements achieved by the individual Institutions and States. National level Joint Reviews of the whole Project will be carried out twice in a year.

- *Mid-Term Review Mission:*

A Mid-Term Review under Project will be conducted jointly by the MHRD and the World Bank to assess the achievements of project institutions and States against the set targets. Mid Term Review is basically designed to acknowledge the good performing Institutions and States and identify corrective measures for maximizing gains from the Project. The financial allocation of the Institutions for the remaining period of the Project will also be adjusted based on their needs and performance.

- *Joint Review Missions (JRM):*

Joint Review Missions will be conducted six-monthly by the MHRD and the World Bank to review the overall progress achieved under the Project.

(iv) Assessment Studies:

Overall assessment of the objectives achieved under the Project will be organized by NPIU through the following Studies:

- *Resources Utilization Study:*

The objective of the Resources Utilization Study, to be conducted by the NPIU, is to assess the extent of availability and utilization with respect to equipment, books and learning resources and suggest strategies for their optimum utilization and sustenance. It will be conducted twice, firstly before the Mid-Term Review (after two years from the implementation of the Project) and secondly at the end of the Project.

- *Bibliometric Study:*

It will quantitatively assess research output and publication performance in Engineering Institutions. It will be got conducted twice by the NPIU, firstly before the commencement of the Project (for 102 TEQIP-I Institutions having PG courses) and the secondly at the end of the Project for all project institutions.



- *Impact Assessment Study:*

The objective of the Impact Assessment Study will be to assess the impact that can be attributed to the Project in up-grading the quality of Engineering Education offered by project institutions and in producing higher skilled and more employable graduates. The study, conducted by the NPIU will measure the extent to which Project objectives have been achieved. The Study will be undertaken towards the end of the Project and will be outsourced.

**4. Mentoring:**

For effective implementation of the project, academicians from the institutes of repute will be requested to mentor the project institutions. Mentors will be assigned to all project institutions to provide continuous guidance for Project implementation 2 to 3 times in a year based on institutional requirements. The Mentors will also act as the Performance Auditors at different Institutions and asses the progress made by individual Institutions.

