Annexure-II a

Dr. Babasaheb Ambedkar Technological University, Lonere

List of Equipment Purchased under TEQIP-II

Sr.	Equipment detail	Qty.	Department	Cost in Rs.	Justification/Purpose
No.					
1	Ultrasonic Cleaner	1	Mechanical Engineering	36000	Cleaning of components before testing and
					microscopy in metallography lab
2	Two Channel Acoustic Emission	1 set	Mechanical Engineering	703125	Tool condition monitoring and
	System				Online correlation with machining process
	MISTRAS software				parameters
3	CAM Software Milling	2	Mechanical Engineering	460830	CNC Programme generation
	CAM Software Turning	2			Tool path analysis in machining
	Workstations	2			Training on MASTERCAM for students
4	MIG Welding Machine	1	Mechanical Engineering	104510	To strengthen the welding facility in the
					department
5	Desktop PC All in one type	21	Mechanical Engineering	4553587	To strengthen the computing facility in the labs
		20	Electrical Engineering		To support the administrative facility in the office
		20	EXTC Engineering		To set up e - library facility
		20	Chemical Engineering		
		9	Office- Registrar		
		20	Central Library		
6	Photoresist coating machine	1	Mechanical Engineering	191000	For coating of photoresist on the workpiece in
					Photo Chemicsl Machining
7	Polishing machine	1	Mechanical Engineering	915834	Polishing of samples for metallographic
	-				examination
8	Sample mounting press	1	Mechanical Engineering		Preparation of metallographic samples
9	Submerged Arc Welding Machine	1	Mechanical Engineering	619999	To strengthen the welding facility in the
					department

10	d-SPACE Kit 1104	1	Electrical Engineering	768732	For the research in the electrical Engineering
11	Power and Energy Quality	1	Electrical Engineering	339028	To measure and check the quality of the power
	Analyzer				and energy in the lab
12	Function Waveform Generator	1	Electrical Engineering	67568	To be used for waveform analysis
13	FEKO Software suite	1	EXTC Engineering	745500	A comprehensive electromagnetic analysis and
					synthesis to solve wide range of problems
14	EMI Analyzers	1	EXTC Engineering	834750	Analysis of different EM structures
15	Microstrip Training system	1 set	EXTC Engineering	438750	Analysis of direction pattern of microwave antena
	Power meter	1			
	Microwave signal Generator	1			
	Receiver/ Power meter with sensor	1			
	Microstrip components	1 set			
16	Advanced RF and Microwave	1	EXTC Engineering	843750	Analysis of polarization, vswr and other
	Antenna Trainer				parameters of antena
17	PCB prototyping machine	1	EXTC Engineering	1044450	To set up PCB making facility in the department
18	EM Simulation software	1	EXTC Engineering	949999	Simulation of different EM stuctures
19	Notebook PC- HP Z Book 17	20	Computer Engineering	2600000	To set up mobile computing lab in the department
20	UPS 20 KVA	1	Computer Engineering	256125	To strengthen the backup power facility in the labs
21	Focused Microwave for Synthesis	1	Chemical Engineering	2150000	To provide sophisticated facility for microwave
					synthesis in a focussed way
22	Diffused Microwave Reactor	1	Chemical Engineering	990000	To provide microwave irradiation in a diffused
					scale along with UV and US energy
23	Ultrasonic reactor vessel and	1	Chemical Engineering	263350	This helps the researchers to carry reactions in a
	assembly				ultrasound waves
24	Stirred hot-plate (digital-plate)	1	Chemical Engineering	787500	To provide sophisticated facility to carry out
	laboratory reactor				medium scale batch reactions
25	Analytical balance	3	Chemical Engineering	184275	For accurate measurement of fine powders,
					substances and metals in the lab
26	E Books	1 set of	Central Library	323889	To set up e - Library facility in the Central Library
		400 Titles			
		111168			

27	Software CATIA- CATIA V6 Design Master: UMC	15	Mechanical Engineering	576407	To set up design and analysis facility for Structural and Modal analysis
28	Software LS Dyna	4	Mechanical Engineering	399024	To create the facility for dynamic analysis of structures and manufacturing processes such as crash modeling
29	Copier Machine	1	Mechanical Engineering	298305	To set up the photo copying facility to speed up
		1	Chemical Engineering		the administrative documentation related work
		1	EXTC Engineering		
		1	Electrical Engineering		
		1	Computer Engineering		
		1	Institute- Establishment		
30	Printer Laserjet M	3	Computer Engineering	529092	To improve the printing facility for documents and reports
31	HP LaserJet Pro M1536 DNF Multifunction Printer	6	Mechanical Engineering-4 TEQIP Office- 1 Finance Officer Office- 1		To improve the printing facility
32	Laserjet Pro M1136 Multifunction Printer	2	Registrar Office- 1 Mechanical Engineering- 1		
33	High-resolution PCM Printer	1	Mechanical Engineering	159600	For printing of micro features and art work as per the designs for PCM Applications
34	Constant Temperature bath	1	Mechanical Engineering	406097	To carry out the testing of thermal measuring equipment such as thermocouple calibration and also can act as constant temperature source for the research
35	Steam generation device	1	Mechanical Engineering	343065	To generate steam for the steam as a coolant set up in machining
36	Workstations	3	Mechanical Engineering	448500	To be used for LS Dyna High end software – 3 licenses in Mechanical Engineering design and analysis lab
37	Spectrum Analyser	1	EXTC Engineering	603750	To anlyse the spectrums of different waves
38	Coriolis Flow Meter	1	Mechanical Engineering	522900	To provide dedicated instrument to measure the mass flow of the refrigerant in the proposed CO2

					transcritical heat pump system
39	NI Data acquisition system	1	Mechanical Engineering	898043	To be used as online data recording system for any
					research experimental work
40	Air conditioners	3	Mechanical Engineering	258045	To protect the sophisticated machines and
	Air conditioners	3	Chemical Engineering		instruments from the environmental disorders
41	Software for metal working	1	Mechanical Engineering	606744	To set up facility for metal working simulation
	simulation ABACUS				and analysis
42	UPS System with 2 UPS of 42 AH	3	Chemical Engineering	345010	To provide power backup for the sophisticated
	batteries and 1 UPS of 150 AH batteries				instruments in the Analytical lab
43	Co Cr Mo alloy Billets	1	Mechanical Engineering	23088	To perform research experiments in biomedical
					alloy machining and characterization
44	Co Cr Mo alloy Billets 25 mm	1	Mechanical Engineering	23088	To perform research experiments in biomedical
					alloy machining and characterization
45	Power electronics Drive design	1	Electrical Engineering	858433	Design and analysis of induction motor power
	software and induction motor				
	control module	1			
46	Smart online UPS	1	Mechanical Engineering	144690	To ensure the continuous operation of RPT Machine with power backup facility
47	Renewable energy Laboratory PV System	1	Electrical Engineering	945000	To develop the basic research facility in the photo voltaic solar energy
48	Renewable energy Laboratory PV trainer	1			
49	Renewable energy Laboratory	1			
	Emulator	1			
50	Renewable energy Laboratory	1	Electrical Engineering	987000	To develop the basic research facility in the photo
<u></u>	Wind	1	_		voltaic solar energy
51	Renewable energy Laboratory Wind Emulator	1			
52		1	EVTC Engineering	076195	Design and simulation of antical and fiber
32	OptiSystem Software	1	EXTC Engineering	976185	Design and simulation of optical and fiber communication system
53	Furnace	1	Mechanical Engineering	24188	To be used for the baking of photoresists

54	Coating Thickness Gauges	1	Mechanical Engineering	14000	
55	(ICT Components)	1	Institute – E classroom	687075	For QEEE transmission of live lectures
	Institute Server				
	Classroom PC	1			
	Audio Visual Accessories	1			
	Projector	2			
	24 port Gigabit Copper Ethernet	1			
	Switch				
	UPS setup	2			
56	Biodiesel Production set up	1	Mechanical Engineering	63546	To produce biodiesel for the research purpose
57	Combined Nitrogen Cum Air		Chemical Engineering	885000	Supplies nitrogen and air at very high purity with
	Generator				essentially very small moisture for GC analysis
58	Desktop PC i5	18	Computer Centre	907200	To strengthen the computing facility of the
					institute
59	Desktop PCs i7	15	Computer Centre	872550	To strengthen the computing facility of the
					institute
60	Tool makers Microscope	1	Mechanical Engineering	539950	To examine the tool wear in machining research
61	Straight vegetable oils	1	Mechanical Engineering	24413	Raw material for IC Engine lab
62	Straight vegetable oils	1	Mechanical Engineering	24705	Raw material for IC Engine lab
63	Encyclopaedia of Chemical	1	Chemical Engineering	463593	To strengthen the Central Library in Chemical
	Technology				Engineering
64	MATLAB Software	1	Chemical Engineering	984958	To enhance computing facility in the institute
65	COMSOL Multiphysics software	1	Chemical Engineering	429912	Analysis of multiple physical problems in
					chemical Engineering
66	Semi Hermetic CO ₂ Compressor	1	Mechanical Engineering	215438	To be used as one of the most critical component
					of the proposed Co2 transcritical heat pump
					system
67	Reactor Assembly for Low	1	Chemical Engineering	177500	This helps to carry out reactions at low
	Temperature Reactions				temperature in the vicinity of 0 degree centigrade
					and below
68	CAD workstations with network	20	Computer Engineering	2961000	To develop CAD application facility and

	interface				application software for the projects
69	Wireless Sensor Mote	1	Computer Engineering	680415	To develop the facility for the computer
					networking with wireless communication
70	ANSYS FLUENT CFD Package	1	Mechanical Engineering	950000	To strengthen the analysis facility in fluid flow
					and thermal engineering problems
71	Vernier height gauge	1	Mechanical Engineering	41660	To be used to support the surface tester probe for
					accurate measurement
72	Text and reference books	1 set	Central Library	85526	To enhance the library book facility
73	Text and reference books		Central Library	950000	To enhance the library book facility
74	Inconel 718 Bar	1	Mechanical Engineering	23800	For the research in machining of superalloy as a
					raw material
75	Inconel 718 Bar	1	Mechanical Engineering	24000	For the research in machining of superalloy as a
					raw material
76	Spray Etching machine	1	Mechanical Engineering	157500	To be used for the etching of fine and complex
					PCM components
77	Conductivity Meter	1	Mechanical Engineering	163008	To measure the conductivity of etchant
					concentration in PCM Lab
	Digital PH/ORD/Temp. Controller	1			To maintain the PH/ORP of the etchant and to
					measure the Temperature of etchant
	Multi Magnetic stirrer with hot	1			To maintain the speed and temperature during
	plate				stirring operation in PCM Lab
	Precision weighing balance	1			To measure the weight of liquid and solid samples
					in Research labs
78	Lab Tables- 20	9	Mechanical Engineering	177660	To strengthen the lab seating facility
		5	Chemical Engineering		
		6	EXTC Engineering		
79	Work benches for sophisticated	10	Mechanical Engineering	112320	To strengthen the facility of mounting
	Instruments- 15	5	Electrical Engineering		sophisticated instruments
80	Computer Table - 41	10	Mechanical Engineering	464434	To provide the facility to keep computers in the
		5	Chemical Engineering		lab
		20	Computer Engineering		

		6	Electrical Engineering		
	Computer Chair - 56	20	Mechanical Engineering		To provide seating facility in the computer lab
		10	Chemical Engineering		
		20	Computer Engineering		
		6	Electrical Engineering		
81	Executive Table - 18	6	Mechanical Engineering	335705	To provide the seating facility for the Senior
		4	Chemical Engineering		Teachers in the TEQIP Departments
		3	Computer Engineering		
		3	Electrical Engineering		
		2	EXTC Engineering		
82	Pigeon Holes Cupboard - 10	5	Mechanical Engineering	732240	To keep the consumables and commodities of the
		2	Chemical Engineering		students in the labs
		1	Computer Engineering		
		1	Electrical Engineering		
		1	EXTC Engineering		
	Cupboards - 30	10	Mechanical Engineering		To improve the existing storage facility in the
		5	Chemical Engineering		departments
		5	Computer Engineering		
		5	Electrical Engineering		
		5	EXTC Engineering		
	Executive Chair- 18	6	Mechanical Engineering		To provide the seating facility for the Senior
		4	Chemical Engineering		Teachers in the TEQIP Departments
		3	Computer Engineering		
		3	Electrical Engineering		
		2	EXTC Engineering		
83	Filing Cabinet - 20	4	Mechanical Engineering	453600	To improve the filing and documentation facility
		4	Chemical Engineering		in the departments
		4	Computer Engineering		
		4	Electrical Engineering		
		4	EXTC Engineering		
	Storage Racks - 40	10	Mechanical Engineering		To improve the storage of small tools and

		8	Chemical Engineering		instruments in the labs
		8	Computer Engineering		
		6	Electrical Engineering		
		8	EXTC Engineering		
84	Book Case - 54	14	Mechanical Engineering	574088	To provide facility to keep lab manuals. Thesis,
		10	Chemical Engineering		and Reference books for the faculty in the
		10	Computer Engineering		departments
		10	Electrical Engineering		
		10	EXTC Engineering		
(Tota	l Expenditure committed)				
			Total Rs.	46698921	

Coordinator- Procurement

Coordinator - TEQIP II

To Hon'ble Vice-Chancellor

Annexure-II b Dr. Babasaheb Ambedkar Technological University, Lonere List of Equipment to be Purchased under TEQIP-II

Sr.	Equipment detail	Qty.	Department	Cost in Rs.	Justification/Purpose
No.		0.1	N/ 1 ' 1	100000	
1	Two-stage Reciprocating air compressor Test	01	Mechanical	100000	Design and function of a two-stage compressor
	Rig				- measurement of relevant pressures and temperatures - determination of the intake volumetric air flow rate
					- compression process on a P-V diagram
2	Change Typhing Test Die	01	Mechanical	1300000	- determination of the efficiency
2	Steam Turbine Test Rig	01	Mechanicai	1300000	Investigation of a true Rankine Cycle Steam plant. Efficiency of Boiler, Heat Balance of Boiler, Various
					Efficiencies of Turbine, Heat Balance of Turbine
4	Variable speed air blower Test Rig	01	Mechanical	200000	To conduce test on blower with variable speed to determine
4	variable speed all blower Test Kig	01	Mechanical	200000	
5	Fabrication of Aerostat for wi-fi	01 set	Mechanical	250000	overall efficiency using different vanes Collaborative research project with IIT Bombay
3		01 set	Mechanical	230000	Conadorative research project with ITT bombay
6	communication in the University Campus	1 004	Mechanical	20000	Extraction of all from vacatable ands
6	Soxhlet Extractor (Capacity 3 lits)	1 set			Extraction of oil from vegetable seeds
7	Nozzle Tester with cleaning set-up	01	Mechanical	20000	For B Tech and M Tech projects and practicals
8	Cascade Refrigeration System	01	Mechanical	250000	For B Tech and M Tech projects and practicals
9	Unit for Demonstration of Boiling Process	01	Mechanical	1000000	For B Tech and M Tech projects and practicals
10	(Refrigerant)	0.1	36 1 1 1	1000000	
10	Thermo-electric Refrigerator	01	Mechanical	1000000	For B Tech and M Tech projects and practicals
11	Steam-Jet Refrigeration	01	Mechanical	1000000	For B Tech and M Tech projects and practicals
12	Trainer for measurement of flow: Turbine-	01 set	Mechanical	500000	For B Tech and M Tech projects and practicals
	meter/Nozzle/Venturi/Orifice/Rotameter type			100000	
13	Pelton Wheel/Francis Turbine/Kaplan	1 each	Mechanical	1000000	For B Tech and M Tech projects and practicals
	Turbine/Bulb Turbine Test Benches				
14	Scanning Electron Microscopy set up	1	Institute	7000000	To create facility for scanning of the materials before and
					after working for identifying the micro features and defects
					analysis in research
15	Surface Profilometer	1	Institute	5000000	To create facility for non-contact metrology for measurement
					of miniature parts for the research
16	High speed camera recording speed – up to	1	Mechanical	1600000	To capture the high speed images of the physical
	2000 fps at maximum resolution and up to				phenomenon during material testing and material working

			Total Rs.	26595000	
29	Fatigue Testing Machine	01	Mechanical	800000	Research work & Practicals of MTech/PhD/UG
28	Data acquisition chassis & card for acquiring accelerometer signals	01	Mechanical	100000	Research work & Practicals of MTech/PhD/UG
27	Universal Testing Machine	01	Mechanical	1500000	Testing of mech properties of materials (PG/PhD/UG)
26	Pro- V building Energy Software	01	Mechanical	300000	To calculate the energy requirement of a building using software
23	comparators, sine bars, floating carriage micrometers, verniers, slip gauges, optical flat, micrometers, dial indicators	list		700000	
24	IEEE- Journals Gear Rolling tester, Bench Tester,	1 yr As per	Institute Mechanical	1500000 980000	To provide E-Journal facility to students To enhance the metrology lab facility
23	Science direct E journals	1 yr	Institute	1500000	To provide E-Journal facility to students
22	Cutting Tools and tool holder	1 set	Mechanical	50000	Minor items for TEQIP research scholar
21	Magnesium- Calcium 1.0 alloy	1 set	Mechanical	50000	Minor items for TEQIP research scholar
20	Inconel 718 raw material – forged rings	1 set	Mechanical	50000	Minor items for TEQIP research scholar
19	Simtel Software	1	EXTC	775000	Research in EXTC
	Capacity- up to 170 ltrs Temperature range ambient to -80 ^o C				
18	Deep Freezer	1	Mechanical	230000	Biological research purpose
	Bandwidth up to 100 MHz, No. of channels:2/4, sampling rate—upto 25 GSa/s				the experiments
17	Digital Storage Oscilloscope	1	Mechanical	120000	To store the waveforms and other electrical parameters during
	100000 fps at reduced resolution				and also in machining

Coordinator- Procurement

Hon'ble Vice-Chancellor

Coordinator- TEQIP

Annexure-II c DR.BABASHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, LONERE

Sr.No	Package Name	Item Name	Actual financial Sanction Date	Estimated Financial Sanction Date	Item Sub Category	Proc. Method	Total Estimate d Cost
1	DBatu_ Mechanical_2	Ultrasonic Cleaner	2-Aug-13	15-May-13	Equipment	Shopping	100000.00
2	DBATU_ MECH_40	Software for metal working Simulation	2-Aug-13	2-Jul-13	Equipment	Direct Contract	700000.00
	DBATU_EXTC_16	OptiSyste m Software	15-Sep-13	2-Jul-13	Equipment	Direct Contract	900000.00
3							

Coordinator - Procurement

Coordinator - Procurement

Coordinator-TEQIP

	AI	3 Nandgaonkar		
	Examiner – I	Exam	iner -II	
Synopsis	February 21, 2012	Synopsis	February 21, 2012	
Reminder - I	April 16, 2012	Reminder - I		
Reminder - II	April 25, 2012	Reminder - II		
Acceptance	July 10, 2012	Acceptance	March 14, 2012	
Thesis	July 17, 2012	Thesis	April 9, 2012	
Report	Dec 12,2012	Report	May 14, 2012	
Defense comp	leted on May 13, 2013			
		N B Srivastav		
	Examiner – I	Exami	ner - II	
Synopsis	February 21, 2012	Synopsis	February 21, 2012	
Reminder - I	April 16, 2012	Reminder - I	April 16, 2012	
Reminder - II		Reminder - II	April 25, 2012	
Acceptance	March 2, 2012	Acceptance	May 4, 2012	
Thesis	April 9, 2012	Thesis	May 14, 2012	
Report	May 21, 2012	Report	June 20, 2012	
Defense comp	leted on Dec 10, 2012			
	Sc	nali Chaudhari		
	Examiner – I	Examiner -II		
Synopsis	February 21, 2012	Synopsis	February 21, 2012	
Reminder – I	April 16, 2012	Reminder - I	April 16, 2012	
Reminder –	April 25, 2012	Reminder - II	April 25, 2012	
II				
Acceptance		Acceptance	May 24, 2012	
Thesis		Thesis	June 18, 2012	
Report		Report	Nov 11, 2012	
	Refused			
		iners requested through Ro		
	xaminer – V		iner VI	
Synopsis	May 15, 2013	Synopsis	May 15, 2013	

Reminder - I			Remir	nder - I		
Reminder - II			Remin	Reminder - II		
Acceptance	May 17, 2	2013	Acceptance		N	1ay 17, 2013
Thesis			Thesis		N	1ay 18, 2013
Report			Repor	t	Α	ugust 30, 2013
Defense cor	Defense completed on February 1,					
	2014					
			Ganorka			
	Examiner -				mine	
Synopsis	October	18, 2012	Synop		N	ovember 8, 2012
Reminder - I			_	nder - I		
Reminder - II				nder - II		
Acceptance		er 8, 2012	Accep			ovember 24, 2012
Thesis		er 9, 2012	Thesis			ovember 30, 2012
Report		er 30, 2012	Repor	t	Ja	nuary 8, 2013
Defense Comp	leted on N	/lay 4, 2013				
			V S Ma	ane		
-	Examiner -	-		Examiner -II		
Synopsis	Dec 18, 2		Synopsis		D	ec 18, 2012
Reminder - I			Reminder - I			-
Reminder - II			Remir	nder - II		-
Acceptance	Dec 19, 2	012	Accep	tance		-
Thesis	Dec 20, 2	012/Dec 21	Thesis			-
Report	March 1,	2013	Repor	t		
	Examin	er – III				
Synopsis		February 3, 201	13			
Reminder - I		-				
Reminder - II						
Acceptance		February 4, 201	13			
Thesis		February 6, 201	13			
Report		March 25, 2013	3			

Defense completed on June 7, 2013						
		N	Λ P Deo :	sarkar		
	Examiner -			Examiner - II		
Synopsis	Dec 17, 2	2012	Synop			Dec 17, 2012
Reminder - I				nder - I		
Reminder - II			+	nder - II		
Acceptance	Dec 18, 2		Accep			
Thesis	Dec 18, 2		Thesis			
Report	February	15, 2013	Repor	t		
				ı		
	Examin					
Synopsis		Feb 4, 2013				
Reminder - I						
Reminder - II						
Acceptance		Feb 4, 2013				
Thesis		Feb 6, 2013				
Report		March 16, 201	3			
Defense comp	leted on 1	2/4/2013				
			S V Pa	atil		
	Examiner -				Examir	
Synopsis	Dec 17, 2	2012	Synop			Dec 17, 2012
Reminder – I				nder - I		
Reminder –			Remir	nder - II		
Ш						
Acceptance	Dec 18, 2		Accep			Dec 18, 2012
Thesis	Dec 18, 2		Thesis			Dec 18, 2012
Report	January 8	3, 2013	Report M		March 25, 2013(mail)	
		. 7.0010				
Defense comp	leted on N	/lay /, 2013				

		Nilesh Patil		
	Examiner – I		Examiner -II	
Synopsis	Dec 20, 2012	Synopsis	Dec 20, 2012	
Reminder - I		Reminder - I		
Reminder - II		Reminder - II		
Acceptance	Dec 21, 2012	Acceptance	Jan 29, 2013	
Thesis	Dec 21, 2012	Thesis	Jan 30, 2013	
Report	February 28, 2013	Report	April 17, 2013	
Defense Comp	oleted on June 24, 2013			
<u> </u>	Sure	esh Panditrao Yavalkar		
	Examiner - I		Examiner -II	
Synopsis	Dec 20, 2012	Synopsis	Dec 20, 2012	
Reminder - I		Reminder - I		
Reminder - II		Reminder - II		
Acceptance	Dec 25, 2012	Acceptance	Jan 1. 2013	
Thesis	Dec 26, 2012	Thesis	Jan 2, 2013	
Report	March 1, 2013	Report	April 10, 2013	
Defense Comp	oleted on May 3, 2013			
		Telsang Martand		
	Examiner – I		Examiner -II	
Synopsis	Dec 17, 2012	Synopsis	Dec 30, 2012	
Reminder - I	Jan 17, 2012	Reminder - I		
Reminder - II		Reminder - II		
Acceptance	Jan 28, 2012	Acceptance	Rejected	
Thesis	Jan 30 2012	Thesis	-	
Report	May 8, 2013	Report		

Еха	Examiner – III		aminer -IV
Synopsis	Jan 02, 2013	Synopsis	Jan 28, 2013
Reminder - I		Reminder - I	
Reminder - II		Reminder - II	
Acceptance	Rejected	Acceptance	Not Accepted
Thesis		Thesis	
Report		Report	

Examir	ner – V	Examir	ner -VI
Synopsis	Mar 21, 2013	Synopsis	April 4, 2013
Reminder - I		Reminder - I	
Reminder - II		Reminder - II	
Acceptance	Awaited	Acceptance	April 5, 2013
Thesis		Thesis	April 6, 2013
Report		Report	Awaited
Examir	ier – VII		
Synopsis	October 1, 2013		
Reminder - I	October 10, 2013		
Reminder - II			
Acceptance	December 10, 2013		
Thesis	December 10, 2013		
Report	December 31, 2013		

Defense completed on March 3, 2014

Savita Bhosale

Examiner – I		Examiner - II		
Synopsis	Dec 25, 2012	Synopsis	Dec 25, 2012	

Reminder - I		Reminder - I	
Reminder - II		Reminder - II	
Acceptance	Not Accepted	Acceptance	Rejected
Thesis		Thesis	
Report		Report	
	Examiner – III		Examiner -IV
			Jan 11, 2013
Synopsis Reminder – I	Jan 2, 2013	Synopsis Reminder - I	Jan 11, 2013
		1 1	
Reminder – II		Reminder - II	
Acceptance	Rejected	Acceptance	Not Accepted
Thesis		Thesis	·
Report		Report	
		•	
[Examiner – V		Examiner -VI
Synopsis	Examiner – V March 11, 2013	Synopsis E	Examiner -VI March 11, 2013
Synopsis		Synopsis	
Synopsis Reminder - I		Synopsis Reminder - I	
Synopsis Reminder - I Reminder - II	March 11, 2013	Synopsis Reminder - I Reminder - II	March 11, 2013
Synopsis Reminder - I Reminder - II Acceptance	March 11, 2013 April 17, 2013	Synopsis Reminder - I Reminder - II Acceptance Thesis Report	March 11, 2013 Awaited
Synopsis Reminder - I Reminder - II Acceptance Thesis Report	March 11, 2013 April 17, 2013 April 19, 2013	Synopsis Reminder - I Reminder - II Acceptance Thesis Report	March 11, 2013
Synopsis Reminder - I Reminder - II Acceptance Thesis Report	March 11, 2013 April 17, 2013 April 19, 2013 September 30, 2013	Synopsis Reminder - I Reminder - II Acceptance Thesis Report	Awaited
Synopsis Reminder - I Reminder - II Acceptance Thesis Report Synopsis Reminder - I	April 17, 2013 April 17, 2013 April 19, 2013 September 30, 2013 Examiner VII	Synopsis Reminder - I Reminder - II Acceptance Thesis Report E	Awaited xaminer -VIII
Synopsis Reminder - I Reminder - II Acceptance Thesis Report Synopsis	March 11, 2013 April 17, 2013 April 19, 2013 September 30, 2013 Examiner VII June17, 2013	Synopsis Reminder - I Reminder - II Acceptance Thesis Report E Synopsis	Awaited xaminer -VIII
Synopsis Reminder - I Reminder - II Acceptance Thesis Report Synopsis Reminder - I	April 17, 2013 April 17, 2013 April 19, 2013 September 30, 2013 Examiner VII	Synopsis Reminder - I Reminder - II Acceptance Thesis Report E Synopsis Reminder - I	Awaited xaminer -VIII
Synopsis Reminder - I Reminder - II Acceptance Thesis Report Synopsis Reminder - I Reminder - II	March 11, 2013 April 17, 2013 April 19, 2013 September 30, 2013 Examiner VII June17, 2013	Synopsis Reminder - I Reminder - II Acceptance Thesis Report E Synopsis Reminder - I Reminder - II	Awaited xaminer -VIII June17, 2013

	Khei	mraj Damodar Barhate		
	Examiner - I		Examiner -II	
Synopsis	July 7, 2013	Synopsis	July 7, 2013	
Reminder - I		Reminder - I	August 5, 2013	
Reminder - II		Reminder - II	August 23, 2013	
Acceptance	July 8, 2013	Acceptance		
Thesis	July 10, 2013	Thesis		
Report	October 11,2013	Report		
	Examiner - III	[Examiner -IV	
Synopsis	Sept 16, 2013	Synopsis	Sept 16, 2013	
Reminder - I	Oct 18, 2013	Reminder - I		
Reminder - II		Reminder - II		
Acceptance	Awaited	Acceptance	Sept 17, 2013	
Thesis		Thesis	Sept 19, 2013	
Report		Report	January 20, 2014	
Defense comp	leted on March1, 2014			
		Dhiren Dave		
	Examiner - I		Examiner -II	
Synopsis	Aug 8, 2013	Synopsis	August 8, 2013	
Reminder - I	Sept 14, 2013	Reminder - I		
Reminder - II	Sept 20, 2013	Reminder - II		
Acceptance	Awaited	Acceptance	August 9 , 2013	
Thesis		Thesis	August 11, 2013	
Report		Report	December 31, 2013	
E	Examiner - III	[Examiner -IV	
Synopsis	Sept 20, 2013	Synopsis	Sept 26, 2013	
Reminder - I		Reminder - I	Oct 09, 2013	
Reminder - II		Reminder - II	Oct 18, 2013	
Acceptance	Rejected	Acceptance	Awaited	
Thesis		Thesis		
Report		Report		

E	Examiner -	V		Exam	niner	· -VI
Synopsis	Oct 14, 2	013	Synop	osis		
Reminder - I	Oct 18, 2	013	Remir	nder - I		
Reminder - II			Reminder - II			
Acceptance	Awaited		Accep	tance		
Thesis			Thesis	S		
Report			Repor	t		
		Defense Com	pleted	on April 25, 2014		
		Sayy	ad Mur	nir Bashir		
	Examiner -	I		Exan	nine	r-II
Synopsis	Sept 7, 20	013	Synop	osis	Se	ept 7, 2013
Reminder - I	Sept 20, 2		Remir	nder - I		ept 20, 2013
Reminder - II	Oct 9, 20	13	Remir	nder - II	0	ct 10, 2013
Acceptance	Awaited		Accep		Α	waited
Thesis			Thesis			
Report			Report			
E	xaminer -	III	Examiner -IV		· -IV	
Synopsis	Oct 17, 2	013	Synop		0	ct 17, 2013
Reminder - I				nder - I		
Reminder - II			Reminder - II			
Acceptance			Acceptance			ccepted
Thesis			Thesis	S		ctober 19, 2013
Report			Repor	-t	D	ecember 2, 2013
	Examir					
Synopsis		July 22, 2014				
Reminder - I						
Reminder - II						
Acceptance		July 23, 2014				
Thesis		July 28, 2014				
Report		August 27, 201	4			

	Defen	se to be scheduled	
		Santosh Walke	
	Examiner - I	•	Examiner -II
Synopsis	November 1, 2013	Synopsis	November 1, 2013
Reminder - I		Reminder - I	November 11, 2013
Reminder - II	N 1 0040	Reminder - II	N 1 11 0010
Acceptance	November 1, 2013	Acceptance	November 11, 2013
Thesis		Thesis	
Report	November 26, 2013	Report	
	xaminer - III		xaminer -IV
Synopsis	December 18, 2013	Synopsis	
Reminder - I		Reminder - I	
Reminder - II		Reminder - II	
Acceptance	December 19, 2013	Acceptance	
Thesis	December 20, 2013	Thesis	
Report	January 22, 2014	Report	
	Defense co	ompleted on May 6, 20	14
	Jadha	v Madhukar Vinayak	
	Examiner - I	E	Examiner -II
Synopsis	December 26, 2013	Synopsis	December 26, 2013
Reminder - I		Reminder - I	
Reminder - II		Reminder - II	
Acceptance	December 28, 2013	Acceptance	December 28, 2013
Thesis	December 29, 2013	Thesis	December 29, 2013
Report	Sept 2, 2014	Report	August 21, 2014
-	Defens	se to be conducted	, ,
	Jac	dhav Kishor Tanaji	

	Examiner - I	Exam	iner -II
Synopsis	January 6, 2014	Synopsis	Dec 1, 2013
Reminder - I	January 16, 2014	Reminder - I	
Reminder -	January 27, 2014	Reminder - II	
II			
Acceptance	Feb 5, 2014	Acceptance	Dec 3, 2013
Thesis	Feb 8, 2014	Thesis	Dec 6, 2013
Report	April 7, 2014	Report	Jan 3, 2014
	Defense com	pleted on August 7, 2014	
	S	Shivaji Jadhav	
	Examiner - I		iner -II
Synopsis	January 6, 2014	Synopsis	January 6, 2014
Reminder - I	January 16, 2014	Reminder - I	January 16, 2014
Reminder -	January 27, 2014	Reminder - II	January 27, 2014
II			
Acceptance	January 30, 2014	Acceptance	
Thesis	February 2, 2014	Thesis	
Report	Awaited	Report	
E	xaminer – III		
Synopsis	February 24, 2014	Synopsis	March 20, 2014
Reminder - I	March 4, 2014	Reminder - I	
Reminder -	April 5, 2014	Reminder - II	
II			
Acceptance	Awaited	Acceptance	Rejected
Thesis		Thesis	
Report		Report	
	xaminer – III		
Synopsis	February 24, 2014	Synopsis	
Reminder - I	March 4, 2014	Reminder - I	
Reminder -	April 5, 2014	Reminder - II	
II			
Acceptance	April 8, 2014	Acceptance	

Thesis	April 10, 2014	Thesis	
Report	Awaited	Report	

CHANDARKI IMRAN MUSHTAQUE AHMED						
	Examiner - I	[Examiner -II			
Synopsis	February 2, 2014	Synopsis	February 2,2014			
Reminder - I		Reminder - I				
Reminder -		Reminder - II				
П						
Acceptance	February 5, 2014	Acceptance	February 5, 2014			
Thesis	February 8, 2014	Thesis	February 8, 2014			
Report	April 29, 2014	REport	May 31, 2014			
Defense comp	leted July 7, 2014					
		Dahatonde Rahul				
	Examiner - I	E	Examiner -II			
Synopsis	March 9, 2014	Synopsis	March 9, 2014			
Reminder - I	April 1, 2014	Reminder - I	Rejected			
Reminder -		Reminder - II				
П						
Acceptance	Awaited	Acceptance				
Thesis		Thesis				
Report		Report				
E	xaminer – III					
Synopsis	March 10, 2014					
Reminder - I	April 1, 2014					
Reminder -						
П						
Acceptance	Awaited					
Thesis						
Report						

Sangita Dahotre					
	Examiner - I	Examiner -II			
Synopsis	April 21, 2014	Synopsis April 21, 2014			
Reminder - I		Reminder - I			
Reminder -		Reminder - II			
II					
Acceptance	April 23, 2014	Acceptance			
Thesis	April 28, 2014	Thesis			
Report	August 14, 2014	Report			
E	xaminer – III				
Synopsis	May 20, 2014				
Reminder - I					
Reminder -					
II					
Acceptance	May 23, 2014				
Thesis	May 28, 2014				
Report	August 19, 2014				
		to be conducted			
		mesh Shinde			
	Examiner - I	Examiner -II			
Synopsis	April 22, 2014	Synopsis	April 22, 2014		
Reminder - I	May 5, 2014	Reminder - I	May 2, 2014		
Reminder - II	May 20, 2014	Reminder - II	May 20, 2014		
Acceptance		Acceptance			
Thesis		Thesis			
Report		Report			
Examiner – III					
Synopsis	April 22, 2014	Synopsis	June 28, 2014		
Reminder - I		Reminder - I			
Reminder -		Reminder - II			
II					

Acceptance	April 24, 2014	Acceptance	June 30, 2014					
Thesis	April 28, 2014	Thesis	July 5, 2014					
Report	August 1, 2014	Report	August 21, 2014					
	Defense	e to be conducted						
Chandgude Suryakant Bhausaheb								
	Examiner - I	Exami	ner -II					
Synopsis	July 30, 2014	Synopsis	August 28, 2014					
Reminder - I	August 8, 2014	Reminder - I	Sept 13, 2014					
Reminder -	Sept 12, 2014	Reminder - II						
II								
Acceptance		Acceptance						
Thesis		Thesis						
Report		Report						
	xaminer – III							
Synopsis	July 30, 2014							
Reminder - I								
Reminder -								
II								
Acceptance	Aug 2, 2014							
Thesis	Aug 5, 2014							
Report	Awaited							
		otgire Shirish						
	Examiner - I	Examiner -II						
Synopsis	July 10, 2014	Synopsis	July 10, 2014					
Reminder - I	July 28, 2014	Reminder - I	July 28, 2014					
Reminder -	Aug 22, 2014	Reminder - II	Aug 7, 2014					
II								
Acceptance		Acceptance						
Thesis		Thesis						
Report		Report						

E	xaminer – III		
Synopsis	July 31, 2014	Synopsis	August 22, 2014
Reminder - I	Aug 11, 2014	Reminder - I	Sept 13, 2014
Reminder -	Aug 28, 2014	Reminder - II	
П			
Acceptance	Awaited	Acceptance	
Thesis		Thesis	
Report		Report	
E	xaminer – V		
Synopsis		Synopsis	
Reminder - I		Reminder - I	
Reminder -		Reminder - II	
П			
Acceptance		Acceptance	
Thesis		Thesis	
Report		Report	

Annexure-III

Report and Plan for R&D Activities

This activity is lagging behind and hardly Rs. 1.5 lacs have been spent so far. It is necessary to expedite this activity now. Following activities are proposed:

- It is proposed to organize 4 conferences (national/international) on frontier areas at the campus of this university. Estimated expenses on organizing these conferences are:
 - o Three national conferences: Rs. 18 lacs. The first one entitled "Energy: The Need & Current Trends (ENACT 2014)" is going to be held on December 19-20, 2014. The brochure for this conference is tabled.
 - o One international conference: Rs. 8 lacs
- A project on the development of "Tethered Aerostat" with the help of Prof. R.K. Pant, Aerospace Engineering Department of IIT Bombay. The aerostat system will be useful for various applications like Wi-Fi communication, surveillance, generating wind speed data for analyzing wind potential, etc. Final year B.Tech. (Mechanical/EXTC) and MTech students will be involved in design, fabrication and development of this device. The estimated expenses are Rs. 2.6 lacs.
- Estimated expenses on travel grant to faculty for paper presentation in India and abroad: Rs. 15 lacs. The policy for international travel is attached herewith for approval (Annexure-VII).
- Estimated expenses on travel grant to students for paper presentation in India: Rs. 5 lacs
- Workshops on Research Methodology/Subject Domain and Expert Lectures for MTech/PhD students: 5 lacs
- Filing patents (national/international): Rs. 8 lacs
- Fees for using IIT facilities for MTech projects: Rs. 2 lacs

Annexure-III

List of Training Programs Attended by Faculty & Staff under TEQIP-II (as on 17th September 2014)

Name of faculty/staff	Department / Section	Title of the Program	Dates	Duration	Training Organization	Expenses (Rs.)
A.L. Mokalkar	Workshop	TOT Program on welding & fabrication	25 Feb to 1 Mar 2013	One week	NITTR Bhopal	Nil
P.S. Padval	Electrical	Nanotechnology	11-15 Mar 2013	One week	NITTR Pune	Nil
S.S. More	Computer	Linux Server Administration	18-22 Mar2013	One week	NITTR Pune	Nil
M.A. Shinde	IT	Linux Server Administration	18-22 Mar2013	One week	NITTR Pune	Nil
Dr. K. Vadirajacharya	Electrical	leadership course on power optimization	17-20 March 2013.	One Week	IIM Ahmadabad	68864
Dr.P.K. Katti	Electrical	leadership course on power optimization	17-20 March 2013.	One week	IIM Ahmadabad	68864
A.R. Pawar	Store	Mind Stress	15-17 May 2013	Three Days	CoE Pune	2000
M.L. Koli	Exam	Mind Stress	15-17 May 2013	Three Days	CoE Pune	2000
A.B.Chaudhari	Mech Engg	Mind Stress	15-17 May 2013	Three Days	CoE Pune	2000
H.R.Washikar	Electrical	Mind Stress	15-17 May 2013	Three Days	CoE Pune	2000
Dr.R.S. Pawade	workshop	3D printing	20-22 May 2013	One week	IIT Bombay	17000
A.L. Mokalkar	W/s	Certified welding inspector	4-15 June 13	Two week	BHEL school of welding	50000
S.U. Waikar	Computer	Numerical Methods in engineering	8-12 July 2013	One week	NITTR Pune	Nil
H.A. Akarte	Computer	Cloud Computing	29/7 -2/8/13	One week	WCE Sangli	4000
Dr. S.L. Nalbalwar	Extc	Cyber Security	2-5 Sept13	One week	ESCI Hydrabad	38540
Dr. P.K. Brahmankar	Mech	Management Development Program	2-5 Sept 2013	One week	IIT Bombay	537000
Dr. S.L. Nalbalwar	Extc	Information Security	21-25 Oct 13	One week	VJTI Mumbai	28450
Dr. N. Agrawal	Mech	Society of refrigeration Airconditioning	25-Oct-13	One day	Mangaon	1000
Dr. S.U. Sapkal	Mech	Rapid manufacturing	25-30 Nov 13	One week	VJTI Mumbai	30000
Dr. S.U. Sapkal	Mech	ICIE 2013	20-22 Nov 2013	Three days	SVNIT Surat	7000
Dr. N. Agrawal	Mech	ISHMT	28-31 Dec 2013	Three days	IIT Kharagpur	12000
Dr. M.S. Tandale	Mech	IC Engines		One week	ARATI Pune	

Dr. M.S. Tandale	Mech	Engg Projects in community services		Thursday,	ESCI Hyderabad	
			10.14 D 10	Three days	,	7000
Dr. N. Agrawal	Mech	National Conference	12-14 Dec13	Two days	IIT Madras	5000
Dr. N. Agrawal	Mech	NCMPE	20-21 dec2013	Two Days	SATE Vidisha	6000
Dr. R.S. Pawade	Mech	Int Conference on Precision Engg	12-14 Dec13	Three days	NIT Calicut	8000
Dr. P.K.				Three days		
Brahmankar	Mech	Int Conference on Precision Engg	12-14 Dec 13	_	NIT Calicut	20000
Dr. P.B. Lokhande	Chemistry	Mathematical	2-13 Dec 13	Two weeks	CoE Karad	5000
		International Conference on		Three days	BVB College of Engg	
Dr. H.N. Warthakar	Mech	Transformation in Engg	16-18 Jan 2014	Timee days	Hubli	13000
		International Conference on		Three days	BVB College of Engg	
Dr. S.S. Naik	Mech	Transformation in Engg	16-18 Jan 2014	Tillee days	Hubli	13000
			Off Line15 July –	Two weeks		
Dr. S.S. Naik	Mech/ Chem	Piping Engineering	15 Oct	I wo weeks	IIT Bombay	650000
Dr. K.				Т D	Govt of Gujarat,	
Vadirajacharya	Electrical	National Education Summit	10-11 Jan 2014	Two Days	Gandhinagar	3000
	Exam			TPI 1	INFIIBNET	
Y.N. Patil	section	ATP on SHODGANGH	29-31 Jan 2014	Three days	Gandhinagar	26000
A.M. Ghugal	Chemical	Transform Teaching Education	27 Jan -2 Feb	One week	NITTR Bhopal	Nil
H.A. Akarte	Comp	Research Methodology	3-7 Feb 2014	One week	VJTI Mumbai	2000
Dr. L.N. Singh	Physics	Research Methodology	3-7 Feb 2014	One week	VJTI Mumbai	3000
V.J. Kadam	Comp	ICST 2K14	21-22 Feb 2014	Two days	SB Patil CoE Indapur	4000
	<u>r</u>	Quality Initiatives in Tech & Higher		·	T	
Dr. H.N. Warthakar	Mech	educational Institutes	11-13 Feb 2014	Three days	ESCI Hyderabad	26000
211111111111111111111111111111111111111	1,10011	Quality Initiatives in Tech & Higher	11 10 100 201 .		22 0111) 4014044	20000
Dr. S.S. Naik	Mech	educational Institutes	11-13 Feb 2014	Three days	ESCI Hyderabad	26000
Dr. B.F. Jogi	Mech	ICMPC2014	8-9 Mar 2014	Two Days	GRIET Hyderabad	10000
S.M. Dahotre	Petrochem	Induction Program -phase-2	10-21 March 2014	Two week	NITTTR Pune	Nil
B.W. Bunoue	Tetrochem	Seismic Analysis and design of	10 21 March 2014	1 WO WEEK	TATTITATUME	1111
Dr. S.R. Bhagat	Civil	buildings	5-9 March 2014	One week	VNIT Nagpur	5000
Dr. S.L. Nalbalwar	Extc	DSP	3-9 March 2014	One week	IIT Bombay	700000
Dr. K.	LAIC	DSI	3-7 Water 2014	One week	III Bollioay	700000
Vadirajacharya	Elect	Smart Grid, Application& Technology	10-14 Mar 2014	One week	CPRI Bangalore	23000
Dr. S.M. Pore	Civil	Structural Engg	28-30 April 2014	Three days	YASHADA Pune	1000
DI. S.WI. FUIC	CIVII	22	20-30 April 2014	One week	TASHADA Fulle	1000
Duraf Charle 2	English	Effective English for Engineering	12-16 May 2014	One week	COE Promo	4500
Prof Shesh+3	English	Expert	•	0 1	COE Pune	4500
an a	ITT	Effective English for Engineering	12-16 May 2014	One week	COED	5000
S.R. Sutar	IT	Expert	<u> </u>		COE Pune	5000

Dr. K. Vadirajacharya	Elect	Effective English for Engineering Expert	12-16 May 2014	One week	COE Pune	7000
Mr. Aghe	English	Effective English for Engineering Expert	12-16 May 2014	One week	COE Pune	4000
Dr. N. Agrawal	Mech	Measurement techniques in thermal engg: recent advances	Two days	30-31 May 2014	IIT Indore	13500
Dr. R.S Pawade	Mech	8 th ASME Manufacturing Science & Engg Conference	9-14 June 2014	One week	Michigan State university, Detroit USA	261757
P.B. Patil	W/s	Personality Development through positive thinking	21-25 July2014	One week	NITTTR Nashik	Nil
Dr. M. Sadaiah	Mech	High Impact learning skill: blue print for success	23-25 July 2014	One week	Shiv Khera, Mumbai	55000
Dr. K. Vadirajacharya		1-day Workshop on "Best Practices in Curriculum Development of Electrical Engineering"	Aug 25, 2014	One day	VJTI Mumbai	3000

List of Training Programs Conducted for Group of Faculty & Staff under TEQIP-II (as on 17th September 2014)

S.N.	Title of the Program	Dates	No. of Participants	Organization	Expenses (Rs.)
1	Mind stress	May 15-17, 2013	04	Dr. BATU	10000
2	2-day Workshop on Smart Grid: Issues and Challenges	Aug 16-17, 2013	36	Dr. BATU	43610
3	3-day Workshop on Matlab: Interaction & Simulation	Sept 2-4, 2013	80	Dr. BATU	7000
4	2-day Workshop on Improving working efficiency through motivation, team building & self-development	Sept 20-21, 2013	32	Dr. BATU	42300
5	1-day Workshop on leadership quality development "Reinvent Yourself"	Oct 29, 20-13	70	Dr. BATU	14700
6	Management Development Program on "Institution Building thro' Appreciative Mindset"	30 Aug to 10 Sept, 2013	27	IIT Bombay	800000
7	1-day work shop on synergy in energy	Sept 13, 2013	05	VJTI Mumbai	4000
8	TNA	Oct 14-15, 2013	120		
9	3-day Workshop on" Navi Drushti Navi Srushti"	Oct 18-20, 2013	30	Dr. BATU	35100
10	3-day field visit to North Maharashtra University Jalgaon for supporting staff	Dec 26-28, 2013	19	NMU Jalgaon	31800
11	One week STTP on Smart Grid: Issues and Challenge	Dec 16-20, 2013	29	Dr. BATU	120000
12	1-day field visit to Shivaji University Kolhapur for supporting staff	April 10, 2014	24	Shivaji University, Kolhapur	24200
13	One week Workshop on Life Skill for Happy Life for supporting staff	June 2-6, 2014	19	CoE Pune	81000
14	1-day field visit to Institute of Chemical Technology, Mumbai for supporting staff	July 4, 2014	27	ICT Mumbai	11100
15	3-day Workshop on "Research Methodology" for 2 nd year MTech students of electrical and electronics department	July 26-28, 2014	36	Dr. BATU	36000

Future Plan for Faculty & Staff Development

- STTPs at IITs, IIMs, NITIE, ESCI, Yashda and other public-funded institutes: Institutes like IITs, IIMs, NITIE, ESCI and Yashda bring out calendar of training programs to be conducted throughout the year. The members of faculty and staff have been taking advantage of such programs all these years and they will be encouraged to participate in these programs in future as well depending. The estimated expenses till the end of the project for this purpose will be Rs. 5 lacs.
- Institutes like IIT conducts customized domain-specific CEPs at their campus. Four such 1-week programs were conducted last year at the campus of IIT Bombay. Some more such programs are proposed in the future. The estimated expenses till the end of the project for this purpose will be Rs. 25 lacs.
- As envisaged in the PIP, it is necessary to conduct pedagogical training for the faculty. Earlier, such programs were supposed to be conducted centrally by SPFU for the institutes in the state. SPFU has not conducted any such program so far. Recently, the individual institutes have been asked to conduct these programs themselves. It will therefore be necessary to organize such programs as early as possible. To start with, it is proposed to conduct training programs offered by training agencies like M/s Sutra Pune and M/s Leading Edge Learning. Subsequently, some more trainers will be identified and their services will be taken.

Annexure-V

Report and Plan for I-I-I Activities

This activity is lagging behind and hardly Rs. 6 lacs have been spent so far. It is necessary to expedite this activity now. Following activities are proposed:

- Several industrial visits of UG/PG students have been conducted during the last year with a view to expose them to latest advances in technology. Similar visits will be conducted in future. The estimated expenses for this purpose till the end of the project will be Rs. 10 lacs.
- Several expert lectures of industry persons have been conducted during the last year with a view to expose the students to latest developments in industry. Similar lectures will be conducted in future. The estimated expenses for this purpose till the end of the project will be Rs. 5 lacs.
- As envisaged in the PIP, it is necessary to organize special training programs and workshops for the students for enhancing their employability. It is proposed to organize aptitude building/soft skill development programs for UG/PG students for preparing them for placement. Similarly, it is proposed to conduct training programs for preparing students in aptitude and mathematics topics from GATE syllabus. This will help the students to perform better in GATE. This may help them in securing admission to PG programs and also for employment in PSUs (where GATE score is one of the selection criteria). The estimated expenses for this purpose till the end of the project will be Rs. 20 lacs. In all these programs, the students from open category will contribute 40% of the course fee whereas the students from reserved category will contribute 20% of the course fee. The estimated expenses for this purpose till the end of the project will be Rs. 20 lacs.
- It is proposed to conduct diagnostic tests for the UG/PG students. The estimated expenses for this purpose till the end of the project will be Rs. 6 lacs.
- As envisaged in the PIP, it is necessary to organize special training programs and workshops for the students for motivating them to become entrepreneurs. In view of this, entrepreneurship workshops will be conducted. The estimated expenses for this purpose till the end of the project will be Rs. 4 lacs.
- It is proposed to organize an industry-institute meet. The estimated expenses for this purpose till the end of the project will be Rs. 2 lacs.
- Expenses on 'placement' activity: Rs. 2 lacs

Annexure-VI

Report & Plan for Weak Student Support

The students from reserved category have undergone a course on Piping Engineering of IIT Bombay. An amount of Rs. 19 lacs has been spent for this purpose. For the remaining period, following activities are proposed:

- It is proposed to conduct diagnostic tests for the UG/PG students from reserved category. Estimated expenses on "diagnostic tests" of reserved category students belonging to 1st, 2nd and 3rd year till the end of the project: Rs. 6 lacs
- Estimated expenses on aptitude & soft skill training programs for 3rd and final year students from reserved category till the end of the project: Rs. 16 lacs
- Bridge courses for topics like communication skills: Rs. 4 lacs

The budgetary provision for this activity is Rs. 25 lacs. Therefore, it will be necessary to transfer funds of about Rs. 20 lacs from other activities to this activity by way of re-appropriation.

Annexure-VII

Dr. Babasaheb Ambedkar Technological University, Lonere

Institute Policy for International Travel

Date: 21/4/2014

- Every proposal for international travel by faculty members and PhD students of the programme departments shall be scrutinized by a committee headed by the Hon. Vice- Chancellor.
- Institutional Training Coordinator, Associate TEQIP Coordinator, TEQIP Coordinator and the Head of the Department forwarding the proposal shall be the members of this Committee.
- Full-time PhD students admitted under TEQIP-II and faculty members shall be eligible for International travel.
- International travel will be permissible as per the guidelines given by NPIU/SPFU from time to time.
- The travel grant rules for financial support are given overleaf.
- All documents as per the procedure shall be submitted to the committee through Head of Department. If the proposal is incomplete, it shall be immediately returned by Head of Department and/or the committee to the applicant, clearly stating the deficiencies and required compliance.

Following shall be the norms for the recommendations of international travel of any PhD student or faculty.

A) Norms for PhD students:

- Only full-time PhD students after completion of one and half year of his course will be eligible.
- The travel grant facility will be available for presenting papers in renowned international conferences on the basis of his own PhD research work.

B) Norms for Faculty Members:

• Any faculty member shall be permitted for international travel grant once in a year.

- If the faculty member has already availed the international travel grant facility during the last three years, his proposal shall be kept on last priority.
- N.B. The above rules are subject to change and are being circulated pending final approval of Executive Council.

P.T.O.

Travel Grant Rules for International Travel

Item	Permissible	
Registration Fee	Fully reimbursed at actual	
Per diem allowance	As per the Govt. of India rules based on the country of visit	
Visa fee including processing (agent) fee	Fully reimbursed at actuals	
Travel expenses	Person selected for participation should travel by excursion category tickets in sectors by Air India or the cheapest air tickets by any airline (in any case not exceeding Air India fare).	
Local Travel	Airport to conference site/lodge/hotel and back	
Duration of visit	Applicable as two days prior to the conference plus conference duration and two days after the conference In case, visits to other universities/institutes/industries are to be planned, it is mandatory to include it in the itinerary and	

to that effect an approval is to be taken prior to the visit. Per diem allowance for this extra stay will be paid as per Govt. of India rules.
--