Minutes of 40th meeting (2nd Part) of the Board of Management of PEC University of Technology, Chandigarh held on 06.06.2013 at 12.30 P M in the Conference Hall, of PEC University of Technology, Chandigarh.

40.28	Special Chance for exercising option for pay fixation on promotion.	The Board did not approve the proposal.
40.29.1	Any other item: Issue's related to TEQIP-II (a) Internal Assesment workshop (b) Full Scale Academic Workshop (c) Performance Auditors Report (d) Five day international Study Tour	The Board took note of (a) The report on Internal Review (Annexure 40.29.1.1), and (b) Outcome of Full Scale Academic Workshop (Annexure 40.29.1.2). The reports were accepted and the progress of TEQIP project at the Institute was found to be satisfactory. The department-wise work plan under TEQIP for the remaining period of the project, evolved during the Internal Review and Full Scale Academic Workshop was also approved by BoM (Annexures 40.29.1.3 and 40.29.1.2). The Board was apprised of the Performance Auditor's Report. The report on Table-5 on "Performance in Governance of Institution" with reference to points at S. No. 1(iv) "Has the governing body put in place suitable arrangement for monitoring the Head of institution's performance", and S. No. 2 (ii) "Does the Governing Body maintain and publicly disclose, a register of interest of members of its governing body?", were considered. The following decisions were made: 1(iv) The Head of institution will make presentation to BoM once in a year on the progress made by the institute.

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2 (ii) The information on BoM members will be included in Mandatory Disclosure on PEC Website.

The Board also approved the proposal for five day international study tour (Annexure 40.29.1.4) with the following amendments:

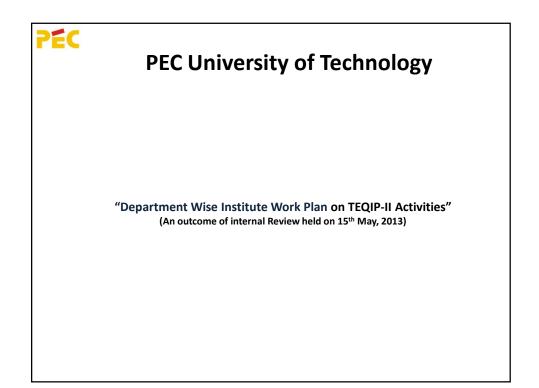
- At least 5 must young faculty members should be part of the tour.
- Each of the remaining members of the team must have at least five more years of service left at PEC prior to superannuation.

Agenda item 40.5 (Progress Report on TEQIP-II Project till 31st March, 2013) which was pending, was not taken up separately in view of the latest status of TEQIP-II programme being presented under the current item. However, the issues raised and suggestions given by Mentor at S.No. 1 (C.2) and S.No. 3 (C.5) in the Supplement to Agenda Item No. 40.5 (Annexure 40.29.1.5) will be taken up in the next BOM meeting.

Mentor's suggestions to be discussed in BOM

Certain confidential items were taken up thereafter, with only the Board Members present (Invitees were requested to leave), and their minutes are drawn up separately. All other items tabled as Current Agenda were deferred.

Meeting ended with a vote of thanks to the Chair.



Fa	culty	Coord	dinato	or for 1	EQIP-	II Key	Activi	ties		
Activities	Deptt. faculty Coordinator Nominated by the HoD									
	Aerospace	Applied Science	Civil	CSE & I.T	Electrical	E&EC	Mechanical	Materials & Metallurgy	Productio	
Enhancement of R&D and institutional consultancy activities	Prof. Rakesh Kumar	Dr. Satyendra Singh	-	Dr. rajesh Bhatia	Dr. Tilak Thakur	Dr. Amita Soni	Dr. S. K. Mangal	Dr. Uma Batra	Prof. Rahul O. Vaishya	
Faculty and Staff development for improved competence based on TNA	Prof. Kishori Lal	Dr. Anju Singla	-	-do-	Prof. Raminder Kaur	Prof. Nagendra Sah	Dr. A. Manna (Faculty) Prof. Sanjeev Kumar (Staff)	Dr. Mamta Sharma	Prof. Rahul O. Vaishya	
Enhanced interaction with Industry	Prof. T.K. Jindal	Dr. Harminder Kaur	-	Dr. Divya	Prof. Rintu Khanna	Dr. Neelam. R. Prakash	Prof. P.S. Satsangi	Prof. R.K. Mahajan	Dr. R. M. Belokar	
Academic support for weak students	Prof. T.K. Jindal	Dr. Sucheta	-	Dr. Rajesh Bhatia	Prof. Tajinder Singh Saggar	Dr. Neelu Jain	Prof. Ankit Yadav	Prof. J.D. Sharma	Dr. Suman Kant	

Sr. No.	Departments	No. of Confer	No. of Conferences, Seminars and Expert Lectures Org in the thrust areas				
		Targets	Achieved	Work Plan			
			2012-13	2013-14	2014-15		
	Institute	10	4	2 per Deptt.	1 per Dept		
1	Aerospace	1	1	1	1		
2	Applied Science	1		2	2		
3	Civil	1		-	-		
4	CSE & I.T	1+1		2	2		
5	Electrical	1		2	2		
6	E&EC	1		2	2		
7	Mechanical	1		2	1		
8	Materials & Metallurgy	1	2	2	1		
9	Production	1	1	2	1		

Sr. No.	Research Group			nars and Exper e thrust areas	t Lectures
		Targets	Achieved	Work F	Plan
			2012-13	2013-14	2014-15
	Institute	20	9		
1	Pulse Detonation	1		1	1
2	Green Chemistry and Catalysis	1		1	1
3	Geological Remote Sensing	1		1	1
4	High Performance Concrete	1		-	-
5	Environment Engineering: Ground Water Pollution due to polluted drains	1		-	-
6	Information Security Research Group	1		1	1
7	Power System: Green Power – Renewable Energy Integration in the smart electricity grid	1	1	1	1
8	Microcontroller based System	1		-	-
9	Wireless Design and Planning in the field of Wireless Communication	1		1	1
10	Digital Design (VLSI)	1	1	1	1

Sr. No.	Form1c:Enhancement of R&D Research Group			-				
		No. of Conferences, Seminars and Expert Lectures Organized in the thrust areas						
		Targets	Achieved	Work Plan				
			2012-13	2013-14	2014-15			
	Institute	20	9					
11	Data Mining	1	1	-	-			
12	Biomaterials	1	1	1	1			
13	Nano Materials: Synthesis and Characterization	1	1	1	1			
14	Aerodynamic	1		1	1			
15	Nano Structures of Functional Materials	1	1	1	1			
16	Micro Financing	1		1	1			
17	Traffic and Transport Planning	1	1	1	1			
18	Photonic Systems and Network Design	1	2	1	1			
19	Mechatronics	1		1	1			
-	Micro & Advanced Manufacturing Processes	1		1	1			
21	Human Engineering			1	1			
22	Advanced Manufacturing Processes			1	1			

Sr. No.	Departments		ustries, Research ollaboration, sec		
		Targets	Achieved	Work	C Plan
			2012-13	2013-14 2014	
	Institute	10	3	10	10
1	Aerospace	1	1	1	1
2	Applied Science	1		1	1
3	Civil	1		-	-
4	CSE & I.T	1+1	2	2	2
5	Electrical	1		1	1
6	E&EC	1		1	1
7	Mechanical	1		1	1
8	Materials & Metallurgy	1		2	1
9	Production	1		1	1

Sr. No.	Departments	No	No. of Research Projects taken by UG Students					
		Targets	Achieved	Work Plan				
			2012-13	2013-14	2014-15			
	Institute		Nil		10 (as per work plan submitted to NPIU)			
1	Aerospace			-	-			
2	Applied Science			-	-			
3	Civil			-	-			
4	CSE & I.T			-	2			
5	Electrical			1	1			
6	E&EC			-	-			
7	Mechanical			1	2			
8	Materials & Metallurgy			1	1			
9	Production			1	1			

Sr. No.	Departments		No. of Resea		ons in Engineerin urnals	g in referee
		Achieved	Achieved	Under way	Work Plan	
		2010-11	2011-12	2012-13	2013-14	2014-15
	Institute	82	75	Target 79-83	1 paper per facu	ilty per year
1	Aerospace	8	5		4	4
2	Civil	1	4		-	-
3	CSE & I.T	9+2	5+13		17	15
4	Electrical	10	3		14	14
5	E&EC	14	13		14	14
6	Mechanical	21	24		36	40
7	Materials & Metallurgy	8	5		8	10
8	Production	11	7		8	8

Sr. No.	Departments		rily associate with ch projects			
		Target	Achieved	Work Plan		
			2012-13	2013-14	2014-15	
	Institute	20 Students Annually	5	At least 2 stud	ents /Deptt/Year	
1	Aerospace			-	-	
2	Applied Science			-	-	
3	Civil			7	7	
4	CSE & I.T			1	1	
5	Electrical			2	2	
6	E&EC			-	-	
7	Mechanical			2	2	
8	Materials & Metallurgy			2	2	
9	Production		2	2	2	

Sr. No.	Research Group	Fiscal incentive to students that voluntarily associate with research groups			
		Achieved	Wor	k Plan	
		2012-13	2013-14	2014-15	
1	Pulse Detonation		2	2	
2	Green Chemistry and Catalysis	2	2	2	
3	Geological Remote Sensing		-	-	
4	High Performance Concrete		-	-	
5	Environment Engineering: Ground Water Pollution due to polluted drains		7	7	
6	Information Security Research Group		2	2	
7	Power System: Green Power – Renewable Energy Integration in the smart electricity grid		1	1	
8	Microcontroller based System		-	-	
9	Wireless Design and Planning in the field of Wireless Communication		1	1	
10	Digital Design (VLSI)		1	1	

Sr. No.	Research Group		e to students th e with research	
		Achieved	Work	Plan
		2012-13	2013-14	2014-15
11	Data Mining			
12	Biomaterials	1	1	1
13	Nano Materials: Synthesis and Characterization		-	-
14	Aerodynamic		2	2
15	Nano Structures of Functional Materials	2	2	2
16	Micro Financing		2	2
17	Traffic and Transport Planning		2	2
18	Photonic Systems and Network Design		1	1
19	Mechatronics		1	1
20	Micro & Advanced Manufacturing Processes		1	2
21	Human Engineering		1	1
22	Advanced Manufacturing Processes		1	1

Sr. No.	Departments		Students conference grant					
		Target	Achieved	Work Plan				
			2012-13	2013-14	2014-15			
	Institute	30 annually	4	3 UG/PG/PhD st	udents /Deptt/year			
1	Aerospace			2	2			
2	Applied Science		1	3	3			
3	Civil			3	3			
4	CSE & I.T			4	4			
5	Electrical	1		3	3			
6	E&EC			3	3			
7	Mechanical			4	5			
8	Materials & Metallurgy			3	3			
9	Production	1	3	3	3			

Sr. No.	Departments	Qualification Up-gradation M.Tech to Ph.D					
		Faculty Enrolled	Completed	W	Work Plan		
		for PhD	2012-13	2013-14	2014-15		
	Institute	26 Enrolled (Target =4 completed , as per IDP)	3		13		
1	Aerospace			-	-		
2	Applied Science	2		-	2		
3	Civil	4		3	1		
4	CSE & I.T	1	1	1	1		
5	Electrical	5		1	1		
6	E&EC	6		1	2		
7	Mechanical	5	1	1	1		
8	Materials & Metallurgy	1	1	-			
9	Production	2		-	2		

Sr. No.	Departments	Subject knowledge Training by participation in STC/CEP					
		Targets	Achieved	Work Plan			
			2012-13	2013-14	2014-15		
	Institute	25 as per IDP	10 from TEQIP Funds + 37 from institute funds	STC/CEP: 1 per faculty project	during TEQIP-II		
1	Aerospace			2	2		
2	Applied Science			10	10		
3	Civil			10	10		
4	CSE & I.T		1	8	9		
5	Electrical		3	5	5		
6	E&EC		2	5	6		
7	Mechanical		1	10	10		
8	Materials & Metallurgy		2	4	4		
9	Production		1	5	5		

Sr. No.	Departments	Subject knowledge Training by participation in Seminar/Conference/workshop				
		Targets	Achieved	Work Plan		
			2012-13	2013-14	2014-15	
	Institute	25 as per IDP	10 from TEQIP Funds + 37 from institute funds	Seminar/Conference/v need of faculty	workshop: As pe	
1	Aerospace			1	1	
2	Applied Science			10	10	
3	Civil			-	-	
4	CSE & I.T		1	4	4	
5	Electrical		3	7	8	
6	E&EC		2	7	7	
7	Mechanical		1	7	8	
8	Materials & Metallurgy		2	2	2	
9	Production		1	4	4	

Sr. No.	Departments	Management and administrative capacity enhancement programmes				
		Targets	Achieved	Work	Plan	
			2012-13	2013-14	2014-15	
	Institute	18 as per IDP	3+1(Dir) +3 nominations forJune'13	HoD:1 each & DD, Deans, Associa 10 other functional		
1	Aerospace			1	-	
2	Applied Science			1	1	
3	Civil			2	2	
4	CSE & I.T			1	-	
5	Electrical		1	1	2	
6	E&EC			1	1	
7	Mechanical			1	1	
8	Materials & Metallurgy			-	1	
9	Production		2	1	-	
10	Others: DD, Deans, Registrar, 10 other functionaries			5	5	

Sr. No.	Departments	Improving compe	etence in Researc Institution/		y linkages wi	
		Targets	Achieved	Work Plan		
			2012-13	2013-14	2014-15	
	Institute	12 as per IDP	1 visit	At least 1 pe	er Deptt/Year	
1	Aerospace		1 visit	1	1	
2	Applied Science			1	1	
3	Civil			-	-	
4	CSE & I.T			2	1	
5	Electrical			1	1	
6	E&EC			1	1	
7	Mechanical			1	1	
8	Materials & Metallurgy			1	1	
9	Production			1	1	

Sr. No.	Departments	Organizing in-house subject Training Programmes (STCs/CEPs)					
		Target	Achieved	Work	Plan		
			2012-13	2013-14	2014-15		
	Institute		5+1(Institutional level)	1 per departi Project	-		
1	Aerospace		1	-	1		
2	Applied Science			-	1		
3	Civil			-	-		
4	CSE & I.T		2	1	1		
5	Electrical		1	1	1		
6	E&EC			-	1		
7	Mechanical		1	2	2		
8	Materials & Metallurgy			-	1		
9	Production			1	1		

Sr. No.	Departments	of Institute S	Machines & Equipment, Upkee d Knowledge in Occupational al Development Programmes Work Plan		
		largets	Achieved 2012-13	2013-14	2014-15
	Institute	12	Nil		
1	Aerospace			-	-
2	Applied Science			-	-
3	Civil			-	-
4	CSE & I.T			1	1
5	Electrical			1	2
6	E&EC			1	1
7	Mechanical			1	1
8	Materials & Metallurgy			1	1
9	Production			1	1

Sr. No.	Departments	Office Procedures, Financial and Purchase rules, RTI and other Lega Matters, maintenance of records and other functional areas, Use or Modern Office Equipment, Software, Office Automation, Motivational/Attitudinal Training/Communication Skills etc.							
		Targets	Achieved	Work Plan					
			2012-13	2013-14	2014-15				
	Institute	11	51						
1	Aerospace			-	-				
2	Applied Science			-	1				
3	Civil			-	-				
4	CSE & I.T			-	-				
5	Electrical			1	1				
6	E&EC			-	-				
7	Mechanical			2	2				
8	Materials & Metallurgy			As planned at	Institute level				
9	Production			1	1				
10	Registrar			20	20				

Sr. No.	Departments	tments Industry Institute interaction : Facilitating the industry for freque interaction with the institute /students/faculty.					
		Targets	Achieved	Work Plan			
			2012-13	2013-14	2014-15		
	Institute		2	Deptt	ute interaction event/ ./Semester lustry Linkage Weak"		
1	Aerospace			-	-		
2	Applied Science			-	-		
3	Civil			_	-		
4	CSE & I.T		2	1	1		
5	Electrical			1	1		
6	E&EC			1	1		
7	Mechanical			2	2		
-	Materials & Metallurgy			1	1		
9	Production			1	1		

Sr. No.	Departments	Alumni / Industry Expert Lecture				
		Target	Achieved	Work Plan		
			2012-13	2013-14	2014-15	
	Institute		2		cture/ Deptt./Semester ustry Linkage Weak"	
1	Aerospace			6	6	
2	Applied Science			2	2	
3	Civil			-	-	
4	CSE & I.T			5	6	
5	Electrical			6	6	
6	E&EC			6	6	
7	Mechanical			3	3	
8	Materials & Metallurgy		1	6	6	
9	Production		1	6	6	

Sr. No.	Departments	Conducting specialized so training during semeste from 5th semester	r breaks and onwards) for	vacations (prefe	erably starting oyability
		Target	Achieved		Plan
			2012-13	2013-14	2014-15
	Institute	Batch wise courses of 30 hrs duration in group of 25-30 students	74	120	120
1	Aerospace			10	10
2	Applied Science			-	-
3	Civil			-	-
4	CSE & I.T			-	-
5	Electrical			10	10
6	E&EC			-	-
7	Mechanical			10	10
8	Materials & Metallurgy			10	10
9	Production			10	10

Sr. No.	Departments	Finishing School : Conducting high intensity training for development of soft and professional skills in the students graduate but fail to secure any employment						
		Targets	Achieved	Work Plan	Work Plan			
			2012-13	2013-14	2014-15			
	Institute	Nil		All 3 rd Yr U.G & 2 nd Yr P.G students				
1	Aerospace			1	1			
2	Applied Science			-	-			
3	Civil			-	-			
4	CSE & I.T			-	-			
5	Electrical			1	1			
6	E&EC			-	-			
7	Mechanical			4	8			
8	Materials & Metallurgy			1	1			
9	Production			1	1			

Form- I

Institutional (Internal) Full-Scale Academic Workshop under TEQIP-II

Activity 1 - Established/Establishing tie-ups with IITs/NITs

S.	Department	Name of Activi	ity which will be u	Name of faculty		
No.				coordinator for this		
		activity				
			Number of Half Day workshops to be conducted by IIT experts for faculty per year		lectures by IIT s per subject or	
		Work Plan		area per year Work Plan		
		2013-14	2014-15	2013-14	2014-15	
1	Applied Science	1	1			Dr. Harminder Kaur
2	Aerospace Engineering	2	2	4	4	Dr. Rakesh Kumar
3	Civil Engineering					
4	CSE & IT	2	2	4	4	Prof. Rajesh Bhatia
5	Electrical Engineering	2	2	4	4	Prof. Shiv Narayan
6	Electronics & Electrical Communication			2 to 3	2 to 3	Mr. Sukhwinder Singh
7	Mechanical Engineering	1	1	3	3	Dr. Alakesh Manna
8	Materials & Metallurgy Engineering	4	4	2	2	Dr. Uma Batra
9	Production Engineering	1	1	4	4	Dr. N.M. Suri

Form- II

Institutional (Internal) Full-Scale Academic Workshop under TEQIP-II

Activity 2: Academic Linkages with Industry

S. No.	Department	Department Name of Activity which will be undertaken by the Department					
	Number of N collaboration year		E thesis in with industry per	Number of Short term program with industry/ one Industry week per department per semester including 3 to 5 expert lectures for students in classes			
		Work Plan		Work Plan			
		2013-14	2014-15	2013-14	2014-15		
1	Applied Science						
2	Aerospace Engineering			3 Expert Lectures	3 Expert Lectures	Dr. T.K. Jindal	
3	Civil Engineering						
4	CSE & IT	2	2	1	2	Prof. Divya	
5	Electrical Engineering	2	2	1 STP*	1 STP*	Dr. Rintu Khanna	
6	Electronics & Electrical	3	3	1	1	Dr. Neelam R.	
	Communication					Prakash	
7	Mechanical Engineering	3	3			Dr. P.S Satsangi	
8	Materials & Metallurgy Engineering	1	1	1 STP* + 3 Alumni/ Expert Lectures	1 STP* + 3 Alumni/ Expert Lectures	Mr. R. K. Mahajan	
9	Production Engineering	2	2	1 per year	1 per year	Dr. R. M. Belokar	

*STP: Short Term Program

Form- III

Institutional (Internal) Full-Scale Academic Workshop under TEQIP-II

Activity 3: Faculty Training (subject domain, pedagogical training, management)

S. No.	Department Name of Activity which will be undertaken by the Department						Name of faculty coordinator for this activity	
	Pedagogical Training (Number of faculty members)	Subject Domain Training (Number of faculty members)		Pedagogical Training (Number of faculty members)		Management Training (Number of faculty members)		
		Work Plan		Work Plan		Work Plan		
		2013-14	2014-15	2013-14	2014-15	2013-14	2014-15	
1	Applied Science	10	10	2	3	1	1	Dr. Anju Singla
2	Aerospace Engineering	2	2	1	1	1	0	Dr. Kishori Lal
3	Civil Engineering	10	10	4	3	2	2	
4	CSE & IT	8	9	2	3	1	0	
5	Electrical Engineering	5	5			1	2	Dr. Raminder Kaur
6	Electronics & Electrical Communication	5	6	2	3	1	1	Mr. Nagender Sah
7	Mechanical Engineering	10	10			1	1	Dr. Sanjeev Kumar
8	Materials & Metallurgy Engineering	4	4	2	1	1	0	Dr. Mamta
9	Production Engineering	5	5			1	0	Mr. Rahul Vaishya

*STC: Short Term Course

**Conference/Seminar/workshop

Form- IV

Institutional (Internal) Full-Scale Academic Workshop under TEQIP-II

Activity 4: Virtual Classrooms

S. No.	Department	Name of Activity v De	Name of faculty coordinator for this activity		
		Number of courses to be t	Number of courses to be taught in virtual classroom		
		N N	Work Plan		
		2013-14	2014-15		
1.	Applied Science		1	Dr. Sucheta	
2.	Aerospace Engineering	1	1	Dr. T K Jindal	
3.	Civil Engineering				
4.	CSE & IT		1	Prof. Rajesh Bhatia	
5.	Electrical Engineering	1	1	Dr. Dheeraj	
6.	Electronics & Electrical Communication	1	1	Ms. Rita Mahajan	
7.	Mechanical Engineering	4	4	Mr. Rajesh Kanda	
8.	Materials & Metallurgy Engineering				
9.	Production Engineering	1	1	Dr. Suman Kant	

Form- V

Institutional (Internal) Full-Scale Academic Workshop under TEQIP-II

Activity 5: Finishing School and Student Support Programs

S. No.	Department	Name of Activity v De	Name of faculty coordinator for this activity		
			Work Plan		
		2013-14	2014-15		
1.	Applied Science			Dr. Anju Singla	
1.	Aerospace Engineering	1	1	Dr. T K Jindal	
2.	Civil Engineering				
3.	CSE & IT				
4.	Electrical Engineering	1	1	Mr. Tejinder Singh	
5.	Electronics & Electrical Communication			Dr. Neelu Jain	
6.	Mechanical Engineering	4	8	Dr. Sanjeev Kumar	
7.	Materials & Metallurgy Engineering	1	1	Mr. J D Sharma	
8.	Production Engineering	1	1	Dr. R M Belokar	

NOTE: These finishing schools in Technical skill are in addition to the finishing schools organized for 3rd year UG and 2nd year PG students annually.