

**TECHNICAL EDUCATION QUALITY IMPROVEMENT
PROGRAMME, PHASE II
SUB COMPONENT 1.1: STRENGTHENING INSTITUTIONS TO
IMPROVE LEARNING OUTCOMES AND EMPLOYABILITY OF
GRADUATES**

**7TH MEETING OF THE BOARD OF GOVERNORS
DETAILED AGENDA NOTES**

Date: 29-10-2013

Time: 9.30 a.m

Venue: Conference room, GEC Kozhikode



GOVERNMENT ENGINEERING COLLEGE KOZHIKODE

Westhill., Calicut-673 005 KERALA

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Background:

This 7th meeting of the BoG is a regular meeting and is being convened to monitor the progress of the implementation of the TEQIP-II activities at GEC Calicut, under Sub component 1.1, with particular emphasis to review and approve the action plan for the remaining period of the project.

The agenda items are given below

Agenda Items

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	Procurement	
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Part D Any other item with the permission of the Chair		
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Part A

Procedural Items

A1. Confirmation of the Minutes of the 6th Meeting of the Board of Governors held on 29-07-2013 at GEC Calicut

The Minutes of the 6th Meeting of the Board of Governors of the TEQIP Phase II of GEC Calicut held on 29-07-13 at GEC Calicut was sent to the Chairman and upon his consent copies were circulated among the other members of the BoG. A copy of the Minutes is appended as **Annexure A** for confirmation.

BoG may consider the Minutes for approval.

Part B
Status Reports

B1. The status of fund position as on 30.09.2013

Sl. No	Head of Activity/Category of Expenditure	Amount Spent Lakhs
1	Improvement in teaching, training and learning facilities	209.95
2	Providing Assistantship for increased enrolment in existing and new PG	12.07
3	Enhancement of R&D and Institutional Consultancy activities	0.68
4	Faculty and Staff Development (FSD)	27.75
5	Enhanced Interaction with Industry	6.43
6	Institutional Management Capacity Enhancement	3.37
7	Implementation of Institutional Reforms	10.77
8	Academic Support for weak students	5.95
9	Incremental Operating Cost	8.39
TOTAL		285.36

B2. Activity report, August 2013 – October 2013

Report of the various academic activities after the last BoG meeting (29-07-2013) under TEQIP II is presented below.

1. Chemical Engineering Department

Sl. No	Name	Designation	Training provider	Duration and date	Name of program	Expenditure
1	Ranjana R	Assistant Professor	FCRI, Kanjikode	12-13, September 2013	Basics of Computational Fluid Dynamics and Software	20000
2	Suma K	Assistant Professor	FCRI, Kanjikode	12-13, September 2013	Basics of Computational Fluid Dynamics and Software	20000
3	Dr. Mary Lubi	Assistant Professor	FCRI, Kanjikode	12-13, September 2013	Basics of Computational Fluid Dynamics and Software	20000
4	Haseena P V	Assistant Professor	FCRI, Kanjikode	12-13, September 2013	Basics of Computational Fluid Dynamics and Software	20000
5	Subin Poulose	Assistant Professor	National Productivity Council, New Delhi	9-13 September 2013	Effective Team Management	69123
6	Binu T V	Assistant Professor	FCRI, Kanjikode	12-13, September 2013	Basics of Computational Fluid Dynamics and Software	20000

Expert Lecture

1. Expert Lecture on “Back End of Nuclear Fuel Cycle- An Overview” on 18-10-2013, by Dr. Tessy E R, Scientific Officer(G), Process Development Division, Nuclear Waste Recycle Group, BARC, Trombay

Details of publications and conferences attended

1. Sajitha C M, Sruthi Gopal, "Performance of a diesel engine fuelled by biodiesel from vegetable oil" ATCE 2013, GEC Thrissur
2. Ranjana R, Suhailam P, Online Adaptive Fuzzy Logic Controller using Neural Networks for Networked Control Systems GEC , ATCE 2013, Thrissur
3. B Renjana Devi B, Geetha M, Simulation of sour water stripper using Aspen Plus, ATCE 2013, GEC Thrissur
- 4, Dr. Gigi Sebastian, Nighila V Paul, Modelling and control of reactive distillation, ATCE 2013, GEC Thrissur

Remedial and Bridge classes

Sl. No	Name of the subject	No. of beneficiaries	Faculty engaged	No. of hrs	Expenditure
1	Heat Transfer Operations	30	Dr. Mary Lubi C	10	6000
2	Mass Transfer Operations	29	Dr. Ushakumary E R	6	3600
3	Chemical Engineering Design	30	Dhaneesh K P	6	3600
4	Transport Phenomena	25	Sruthi Gopal	2	1200
5	Chemical Process Principles	30	Binu T V	4	2400
6	Engineering Mathematics	15	Dr. Deepesh	4	2400

2. Applied Electronics Department

Technical Staff (Out station Training program)

Sl. No	Name	Designation	Training provider	Duration and date	Name of program	Expenditure
1	Anil R	Trade Instructor Electronics	ATI Chennai	5-16 Aug 2013 (10 days)	Maintenance & Servicing of Power Supplies, Inverters and UPS	11816
2	Kishore Kumar M T	Trade Instructor Electronics	ATI Chennai	5-16 Aug 2013 (10 days)	Maintenance & Servicing of Power Supplies, Inverters and UPS	11080
3	Abid Tharavattath	Computer Programmer (HG)	Keltron Kozhikode	12-27 Aug 2013	Computer Hardware & Networking	7500
4	Shyni M K	Trade Instructor Electronics	Keltron Kozhikode	12-27 Aug 2013	Computer Hardware & Networking	7000
5	Shibu P M	Tradesman EI	Keltron Kozhikode	12-27 Aug 2013	Computer Hardware & Networking	7000
6	Shanu M P	Tradesman Computer	Keltron Kozhikode	12-27 Aug 2013	Computer Hardware & Networking	7000
7	Anil R	Trade Instructor Electronics	ATI Hyderabad	2-6 Sep 2013 (5 days)	PIC Microcontrollers Programming and Application	9150
8	Kishore Kumar M T	Trade Instructor Electronics	ATI Hyderabad	2-6 Sep 2013 (5 days)	PIC Microcontrollers Programming and Application	8800
9	Shibu P M	Tradesman EI	ATI Hyderabad	2-6 Sep 2013 (5 days)	PIC Microcontrollers Programming and Application	8800
10	Shanu M P	Tradesman Computer	CDIT CEP, Vadakara	21 Oct – 8 Nov 2013 (15 days)	Advanced Web Development using Linux, Apache, MySQL, PHP	15000
11	Abid Tharavattath	Computer Programmer (HG)	Engineering Staff College of India, Hyderabad	29 Oct – 2 Nov 2013 (5 days)	Web Designing using PHP and MySQL	35000

Details of Remedial and Bridge classes (August 2013- October 2013)

Sl. No	Name of the subject	No. of beneficiaries	Faculty engaged	No. of hrs	Expenditure
1	Computer networks	25	Pradeep K.Bharathan	2	1200
2	Process control instrumentation	57	Raheema T.P.	3	1800
3	Signals and systems	43	Ragitha V.R.	1	600
4	Electrical circuit and network theory	9	Rejulath Banu	1	600

3. Mechanical Engineering Department

Faculty Out station Training Programs

Sl. No	Name	Designation	Training provider	Duration and date	Name of program	Expenditure
1	Prof. V. I. Balasubramanian	Professor	IIM Kozhikode	10 days, 01.08.2013 to 10.08.2012	Leadership skills	Met by NPIU
2	Prof. Sajeeb A. M	Assistant Professor	ARAI Pune (Automotive Research and Develoment)	5 days, 19.08.2013 to 23.08.2013	Engine testing and certification	Rs. 46,000/-
3	Prof. Saijal K. K.	Assistant Professor	ARAI Pune	5 days, 19.08.2013 to 23.08.2013	Engine testing and certification	Rs. 46,000/-
4	Prof. Jesseela S.	Assistant Professor	FCRI Palakkad	2 days, 12.09.2013 to 13.09.2013	Computational Fluid Dynamics	Rs. 15,000/-

Technical Staff Out station Training Program

Sl. No	Name	Designation	Training provider	Duration and date	Name of program	Expenditure
1	N. Balakrishnan	I Grade Instructor	ATI, Hyderabad	5 days, 02.09.2013 to 06.09.2013	Awareness course on CNC	Rs. 9,000/-
2	Hareendranath V. K.	Trade Instructor	ATI, Hyderabad	5 days, 02.09.2013 to 06.09.2013	Awareness course on CNC	Rs. 9,000/-

4. Civil Engineering Department

Faculty (Out station Training Program) August 2013- October 2013

Sl. No	Name	Designation	Training provider	Duration and date	Name of program	Expenditure
1	Dileep Kumar P. G.	Asst. Professor	Engineering Staff College of India	4 Days 5 th to 8 th August 2013	“Testing of Civil Engineering Materials – Modern Techniques”	Rs. 30000
2	Dr. K. M. Kouzer	Associate Professor	Ram Caddsys Pvt. Ltd. Chennai	3 Days 18 th to 20 th August 2013	“Advanced Course on Computational Geotechnics”	Rs. 30000

In house program Organized August 2013- October 2013

Sl. No	Name of the training program	Duration and date	No. of participants	Name & Designation of the resource person	Expenditure
1.	FDP on Geotechnical Engineering Challenges	5 Days 2 nd to 7 th September 2013 (4 th September 2013 – Off due to Vehicle strike in Kerala)	19	Dr. Carl Vijayan, Retd. Professor, NIT Calicut Dr. Vidya Bhushan Maji, Asst. Professor in Civil Engg., IIT Madras Mr. Jayarajan P., Ex. Chief Engineer, Tecnimont ICB Pvt. Ltd., Mumbai (Presently Ad-hoc Faculty in Civil Engg., NIT Calicut) Dr. K. M. Kouzer, Associate Professor in Civil Engg., GEC Kozhikode Mr. Shahid, Design Engineer, Streamline Consortium, Kozhikode Dr. Sireesh, Asst. Professor in Civil Engg., IIT Hyderabad Dr. S. Chandrakaran, Professor in Civil Engg., NIT Calicut Dr. S. K. Prasad, Professor in Civil Engg., SJCE Mysore Prof. Yogesh Desai, Professor in Civil Engg., IIT Mumabi cancelled due to Vehicle Strike on 4-09-2013 Prof. Jyant Kumar, Professor in Civil Engg., IISc Bangalore cancelled due to Vehicle Strike on 4- 09-2013	1,00,000 Estimate

Details of invited talk

1. Expert Lecture on “Metro and Mono Rail” on 24-10-2013, by Mr. Gopalakrishnan, Dy. Chief Engineer, DMRC

Details of Remedial classes (August 2013- October 2013)

Sl. No	Name of the subject	No. of beneficiaries	Faculty engaged	No. of hrs	Expenditure
1.	CE09 502 Structural Design I	20	Dileep Kumar P. G.	12	Rs. 7200/-

5. Industry Institution Interaction Cell activities (August- October 2013)

Sl. No.	Activity	Resource Persons	Beneficiaries	Expenditure	Remarks
1	Workshop: Advanced research for High-tech Industry 5-7 th September 2013	Dr. U. Chandrasekhar (Jt. Director, DRDO), Dr. PK Vijayan (Head, R. E. D., BARC), Dr. Biju Kumar (LPSC, ISRO), Mr. Jayayarj (BARC), Mr. Vivek Chavan (BARC), Mr. Benny Thomas (DRDO)	20 Internal participants + 8 External Participants.	Rs. 1,82,000 (Under settlement)	IRG generated Rs. 40,000/-
2	Signing of MOU with NIELIT, CEDT for Software Training	Scientists form NIELIT, CEDT, Calicut	55 students, B.Tech	No expenditure from TEQIP for tuition fees.	
3	Signing of MOU with M/s DUCOM, Bangalore	Design Engineering Team at DUCOM, Bangalore	Staff and students	Rs. 10,000 anticipated.	
4	One day workshop on Entrepreneurship 12-09-2013	Sri. Niranjan from Niranjan Ultrasound Private Limited, Calicut and Sri. Muhammed Haris N.P. from Baabtra Mentoring Partner Calicut	Staff and Students	Rs. 2000/-	

6. Finishing school activities (August 2013 to October 2013)

Sl. No	Name of the training program	Duration	No. of participants	Name & Designation of the resource person	Expenditure
1	Induction Training for first year B Tech students	3 days	52	Mr. Ajith Menon, HR Trainer	12,480
2	Career Planning	1 day	23	Mr. Ajith Menon, HR Trainer	5,440
3	Employability Skills Training programme	3 days	50	Adv.Dinesh and Mr.Deepesh	20,000 (under settlement)

Decision needed: The board may ratify the above programs.

Part C

Review and approval of the action plan for the remaining project period

C1. I. Progress report of procurement activities

Details of Completed packages			
Department	Total No. of Packages	No. of Packages completed	Amount, Rs.
AEI	28	18	6464492
A Sc	5	3	291936
Ch.E	17	9	2744690
CE	22	9	4237065
ME	21	16	7256608
Total	93	55	20994791

C1. II. Ratification of the cancelled procurement package

Mechanical Engineering					
S. No	Name of the Package	Items in the package	Quantity (Total)	Total estimated amount, Rs	Reason for Cancellation
1	43 – DSP Module	DSP evaluation module	1	84,000	Supplier not responding
2	79 – Electrification Works	Minor Electrification works		8,35,000	Contractor not responding
3	90 – Tribology Journal	Journal	1	1,30,000	Supplier unable to deliver the item due to hike in price as a result of variation in dollar exchange
4	137 – Laptop Network Rack	Laptop Server Rack	5 1	3,00,000	Laptop of the mentioned specification is currently not available as it has come to the end of life.

Decision needed: The board may kindly ratify.

C1. III. Ratification of newly created procurement packages

S. No	Name of the Package	Items in the package	Quantity (Total)	Total Package amount , Rs.	Department share	Name of the laboratory for which items procured
1	148 – Almirah Teakwood	Almirah	1	24,000		TEQIP office
2	151 – Conference Table & Chairs	Conference Table Cushioned Chair	1 25	3,07,500		Principal’s Conference Room
3	152 – LFD unit	LFD unit	3	2,55,000	IL-1, Ch.E-1, ME-1	Principal’s Conference Room, PG Lab/Class Room
4	153 – Workstation computer	Workstation computer	1	3,00,000		Simulation Lab of Ch.E dept.
5	156 – Multi-media Projector	Multi-media Projector	10	5,11,760	AE&I-3, CE-2, Ch.E-2, ME-2, AS-1	For Class Room modernization
6	157 – UPS Battery	UPS Battery	1set (40 No’s)	1,30,000		Ground floor of Main block
7	158 – Server for Edureform Pilot Program	Server	1	9,00,000		Conference Room
8	159 – Communication System for Edureform Pilot Program	HDMI Capture System 24 port Gigabit Ethernet Switch DTH dish & Set top Box	1 2 1	1,67,000		Conference Room
9	160- HD Video Conferencing unit	Video Conferencing system High Quality Audio System Control System HD Document Camera Display panel	1 1 1 1 1	7,60,000		Conference Room

Decision needed: The board may kindly ratify.

C2. Approval of the action plan (other than procurement) for the remaining project period

Activity	Department	November 2013- January 2014	February 2014- March 2014	April 2014- June 2014	July 2014- September 2014	October 2014- December 2014
Amount in lakhs						
Providing Teaching and Research Assistantships	Mechanical	3.24	2.16	3.24	3.24	3.24
	Applied Electronics	1.8	1.2	1.8	1.8	1.8
	Chemical	3.6	2.4	3.6	3.6	3.6
	Total	8.64	5.76	8.64	8.64	8.64
	Total Expected amount up to December 2014-					40.32 Lakhs
Expenditure up to October 2013-					11.65 Lakhs	
Total Project allocation - 100 Lakhs, Expected Balance –					48.03 Lakhs	
R & D and Consultancy activities	Lecture series on emerging avenues in Engineering and Technology			5 Lakhs		
	At least Two research proposals from each departments			25 Lakhs		
	Total Expected amount up to December 2014-					25.00 Lakhs
Expenditure up to October 2013-					0.69 Lakhs	
Faculty and Staff Development	Civil	November 2013- January 2014	February 2014- March 2014	April 2014- June 2014	July 2014- September 2014	October 2014- December 2014
	Faculty and Supporting staff outstation training programs	1.25		2.0	2.0	2.0
	In house training programs for Faculty and supporting staff		1.50		2.0	
	Expert talks	0.50			0.50	
	In house workshops		1.0			1.0

Applied Electronics	November 2013- January 2014	February 2014- March 2014	April 2014- June 2014	July 2014- September 2014	October 2014- December 2014
Faculty and Supporting staff outstation training programs	1.0	0.20	1.75	0.20	
In house training programs for Faculty and supporting staff	4.0			4.0	
In house workshops	0.70				
Chemical	November 2013- January 2014	February 2014- March 2014	April 2014- June 2014	July 2014- September 2014	October 2014- December 2014
Faculty and Supporting staff outstation training programs	3.6	0.60	0.60	2.10	
In house training programs for Faculty and supporting staff	3.0		1.5	1.5	1.5
Conferences and workshops	0.18		1.5	3.0	1.5
Mechanical	November 2013- January 2014	February 2014- March 2014	April 2014- June 2014	July 2014- September 2014	October 2014- December 2014
Faculty and Supporting staff outstation training programs	1.33	2.8	4.34	0.86	3.46
In house training programs for Faculty and supporting staff	2.6	1.3	1.0		3.25
Supporting department and Institution level programs, Conferences etc.		7	7	7	7
Total Expected amount up to December 2014-				95 Lakhs	
Expenditure up to October 2013-				35 Lakhs	

Enhanced interaction with industry		November 2013- January 2014	February 2014- March 2014	April 2014- June 2014	July 2014- September 2014	October 2014- December 2014
	Expert lecture series from industries	1.0	1.0	1.0	1.0	1.0
	Faculty Training	0.75	2.0	2.0	2.0	2.0
	Students training/internship	3.25	2.0	2.0	2.0	2.0
	Entrepreneurship development workshops	1.5		1.5	1.5	
	Academic network with other institutions	1.0	1.0	1.0	1.0	1.0
	Campus placement hospitality					1.0
	Total Expected amount up to December 2014-				35.5 Lakhs	
Expenditure up to October 2013-				8.5 Lakhs		
Institutional Management Capacity enhancement	Department	November 2013- January 2014	February 2014- March 2014	April 2014- June 2014	July 2014- September 2014	October 2014- December 2014
	Chemical	0.90	1.0	1.5	1.5	1.0
	Mechanical	2.5	2.5	2.5	2.5	2.0
	Civil	0.50	1.0	1.0	1.5	1.0
	Applied Electronics	0.60	1.2	1.0	1.0	1.0
	Total Expected amount up to December 2014-				27.7 Lakhs	
Expenditure up to October 2013-				4.5 Lakhs		

Implementati on of Institutional reforms	<p style="text-align: center;">Total Expected amount up to December 2014- Expenditure up to October 2013-</p> <p style="text-align: right;">8.0 Lakhs 11.95 Lakhs</p>
Academic support for students through finishing school	Aptitude test Trainings
	Career Guidance programs
	High intensity training programs (<i>Detailed Terms of Reference (ToR) attached in the Annexure B</i>)
	Bridge classes for English language
	Remedial and bridge classes
	Other soft skill programs
	<p style="text-align: center;">Total Expected amount up to December 2014- Expenditure up to October 2013-</p> <p style="text-align: right;">20.0 Lakhs 5.60 Lakhs</p>

C3. Proposed activities – November 2013- January 2014

Faculty (Out station Training Program)

Sl. No	Name	Designation	Training provider	Duration and date	Name of program	Expenditure
Mechanical Engineering Department						
1	Dr. Shaji K.	Associate Professor	IIT Bombay	5 days, 18.11.2013 to 22.11.2013	Energy Management	Rs. 20,000
2	Dr. Sreejith B.	Associate Professor	IIT Bombay	5 days, 18.11.2013 to 22.11.2013	Energy Management	Rs. 20,000
3	Prof. Prajeeth Kumar P.	Assistant Professor	IIT Bombay	5 days, 18.11.2013 to 22.11.2013	Energy Management	Rs. 20,000
4	Dr. Shaji K.	Associate Professor	NIT Calicut	7 days, 09.12.2013 to 15.12.2013	Applications of Finite Element Method to Engineering Problems	Rs. 1,000
5	Prof. C. K. Ravindran	Associate Professor	NIT Calicut	7 days, 09.12.2013 to 15.12.2013	Applications of Finite Element Method to Engineering Problems	Rs. 1,000
6	Prof. Sajeeb A. M.	Assistant Professor	NIT Calicut	7 days, 09.12.2013 to 15.12.2013	Applications of Finite Element Method to Engineering Problems	Rs. 1,000
7	Prof. Saijal K. K.	Assistant Professor	NIT Calicut	7 days, 09.12.2013 to 15.12.2013	Applications of Finite Element Method to Engineering Problems	Rs. 1,000
8	Prof. Prajeeth Kumar P.	Assistant Professor	NIT Calicut	7 days, 09.12.2013 to 15.12.2013	Applications of Finite Element Method to Engineering Problems	Rs. 1,000
Chemical Engineering Department						

1	Dr.V.O.Rejini	Professor	IIT Kharagpur	18-27, Nov 2013	Two week short term course on vacuum technology and process applications	Rs.22520
2	Dr.Mary Lubi	Asst. Professor	IIT Kharagpur	18-27, Nov 2013	Two week short term course on vacuum technology and process applications	Rs.22520
3	Subin Poulose	Asst. Professor	IIT Kharagpur	18-27, Nov 2013	Two week short term course on vacuum technology and process applications	Rs.22520
4	Subin Poulose	Asst. Professor	CFTRI, Mysore	6-10 Jan 14	Training on Instrumental techniques in food safety and analysis.	60000
5	Suma K	Asst. Professor	CFTRI, Mysore	6-10 Jan 14	Training on Instrumental techniques in food safety and analysis.	60000
6	Dr.Mary Lubi	Asst. Professor	CFTRI, Mysore	6-10 Jan 14	Training on Instrumental techniques in food safety and analysis.	60000
7	Dr. Ushakumary E R	Asso. Professor	NPC	27-31 Jan 2014	Teamwork for performance excellence	40000
8	Suma K	Asst. Professor	NPC	27-31 Jan 2014	Teamwork for performance excellence	40000
9	Sindhu N	Asst. Professor	CFTRI, Mysore	9-13 Dec. 2013	Training on HPLC and GC operations; Preventive and Corrective	60000/-

					measures	
Applied Electronics Department						
1	Dr.Abdul Hameed K M	Professor in ECE	PSG College of Technology, Coimbatore	3-9 November 2013 (7 days)	Green Energy	15000
2	B.S.Shajeemohan	Asso.Prof. in ECE	IIT Hyderabad	Jan 2014 (4 days)	WISSAP 2014	30000
3	Rishidas S.	Asso. Prof. in ECE	L.B.T Trivandrum	3-7 Dec 2013 (5 days)	Short Term Course Cryptography and Network security	15000
Civil Engineering Department						
1.	Prof. A. K. Marakkarutty	Professor	Engineering Staff College of India, Hyderabad	19 th to 21 st November 2013	Slope Stabilization for Highways – Modern and Green Technologies	Rs. 30000/- Each
2.	Ammad K. K.	Asst. Professor				
3.	Dileep Kumar P. G.	Asst. Professor				

Technical Staff (Out station Training Program)

Sl. No	Name	Designation	Training provider	Duration and date	Name of program	Expenditure
Mechanical Engineering Department						
1	Mr. Yesudas K. J.	Workshop Instructor	ATI, Chennai	One week, 02.12.2013 to 08.12.2013	CNC Programming	Rs. 9,000
2	Mr. Vinod K.	Trade Instructor	ATI, Chennai	One week, 02.12.2013 to 08.12.2013	CNC Programming	Rs. 9,000
Chemical Engineering Department						
Sl. No	Name	Designation	Training provider	Duration and date	Name of program	Expenditure
1.	Rajagopalan P M	Trade man	National Productivity Council, Chennai	2-4 Dec.2013	Practical Training on Industrial Furnace and Waste Heat Recovery	40000/-
2	Aliakbar E.T.	Instructor Grade II	National Productivity Council, Chennai	2-4 Dec.2013	Practical Training on Industrial Furnace and Waste Heat Recovery	40000/-
3	Rajeesh P	Tradesman	CFTRI, Mysore	9-13 Dec. 2013	Training on HPLC and GC operations;	60000/-

					Preventive and Corrective measures	
4	Bijoy M	Trade Instructor	CFTRI, Mysore	9-13 Dec. 2013	Training on HPLC and GC operations; Preventive and Corrective measures	60000/-
Civil Engineering Department						
1.	Vinod P. C.	Trade Instructor	IIT Madras	25 th to 29 th November 2013	Short Term Course on “Laboratory Testing of Soils “	25000/-

Proposed In house program

Sl. No	Name of the training program	Duration and date	Expected No. of participants	Name & Designation of the resource person	Expenditure
Mechanical Engineering Department					
1	Energy Management	5 days, December 2013	30	Faculty members from IISc, IIT, NIT, Industry and other institutions	1,30,000
2	Simulation and modeling	5 days, January 2014	33	Faculty members from IISc, IIT, NIT, Industry and other institutions	1,30,000
Applied Electronics Department					
1	Staff Development Program - Computer Networking and Maintenance	9-13 Dec 2013 (5 days)	30	Mr. Binesh B , Computer Programmer , GEC Wayanad Mr. Pramod Kumar , Instructor , Keltron IT centre , Kozhikode Mr. Abid Tharavattath , GEC Kozhikode Mr.Sharafudheen A Computer Programmer , CET	200000
2	Staff Development Program - Computer Assembling & Trouble Shooting	27-31 Jan 2014 (5 days)	30	Mr.Pramod Kumar , Instructor , Keltron IT centre , Kozhikode Mr.Sharafudheen A Computer Programmer , CET Mr.Vinod P , Demonstrator, KGPT Kozhikode Mr.Hameed K ,	200000

				Trade Instructor, KGPT Kozhikode Mr.Abid Tharavattath , GEC Kozhikode	
Chemical Engineering Department					
1	Engineering Applications of Computational fluid Dynamics	5 days. 16- 20 Dec 2013	30	Dr. Savithri S, Senior Principal Scientist, NIIST, Trivandrum Dr. Kandaswamy, Professor, Dept. Of Mathematical & Computational Science, NIT Suratkal	150000
2	Drugs and Pharmaceuticals	5 days, 6- 10 Jan 2014	30	Dr.Sandeep Siromani, BIOCON, Bangalore. K.George, Retd. Drug Controller, Ernakulam,Kerala state	150000

C4. Enhancement of R&D and institutional consultancy activities

Background

For improving R &D and consultancy activities, as per the directions from NPIU, **05th Meeting of the State Steering Committee held on 11th April 2013** decided to permit the project institutions to appoint a Senior Research Advisor (SRA) and constitute a Research Guidance Committee (RGC).

Decision needed: The board may review and approve the appointment of SRA and RGC as per the details given below

Senior Research Advisor

Prof. L.M Patnaik

Honorary Professor, Department of Systems Engineering,
Indian Institute of Science Bangalore

Research Guidance Committee

1. Prof. L.M Patnaik (Chairman)
Honorary Professor, Department of Systems Engineering, IISc Bangalore
2. Dr. C. B. Sobhan,
Professor and Head, School of Nano Science and Technology
National Institute of Technology Calicut, Kerala
3. Dr.S M Sameer, Associate Dean,
Department of Electronics& Communication Engineering,
National Institute of Technology Calicut, Kozhikkode-673 601, Kerala
4. Dr.N.Ganesan, Professor,
Department of Civil Engineering
National Institute of Technology Calicut, Kozhikkode, Kerala
5. Dr G. Unnikrishnan ,Professor,
Department of Chemistry,
National Institute of Technology Calicut

The board may also consider the various R & D proposals submitted by Faculty members for further steps.

D1 Any other item with the permission of the Chair