TECHNICAL EDUCATION QUALITY IMPROVEMENT

PROGRAMME Phase II Sub Component 1.1

13th MEETING OF
THE BOARD OF GOVERNORS

DETAILED AGENDA NOTES

Date: 26-05-2018

Time: 10.00 am

Venue: College of Engineering Karunagappally

COLLEGE OF ENGINEERING KARUNAGAPPALLY

THODIYOOR P.O., KOLLAM-690523, KERALA

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Background:

The meeting of Board of Governors is convened regularly to monitor the progress of TEQIP-II activities at CE Karunagappally, under Sub component 1.1, with emphasis to procurement and academic activities, and to accord necessary approvals and clearances for the ongoing activities. Regular activities of TEQIP II were completed in March 2017 and in order to continue the activities, four funds under different heads were created and certain percentage of IRG of the institution was deposited in the accounts. Necessary approvals and clearances are further required from BoG to continue the activities. The 13th meeting of the BoG is being convened on 26th of May, 2018.

The agenda items are given below.

Agenda Items

Silent Prayer

Part 1-Procedural

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1.1	Confirming the Minutes of the 12th Meeting of the Board of Governors held on 29-07-2017 at College of Engineering Karunagappally	5
1.2	Report on the action taken/action pending on the pertinent decisions in the Minutes of the 12th Meeting of the Board of Governors held on 29-07-2017 at College of Engineering Karunagappally	6

Part 2-Ratifications and

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Part 4- Any other item with the permission of the chair

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Part 5-Annexures

Sl. No	Items	Page Number
1	Annexure 1 Minutes of the 12th BOG meeting held on 29.07.2017	26
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Part 1

Procedural Items

1.1 Confirmation of the Minutes of the 12th Meeting of the Board of Governors held on 29-07-2017 at CE Karunagappally

The Minutes of the 12th Meeting of Board of Governors of TEQIP Phase II of CE Karunagappally held on 29-07-17 was sent to the Chairman for his approval and upon his approval copies were circulated among the other members of the BoG. A copy of the Minutes is appended as **Annexure 1** for confirmation.

Action sought: BoG may consider the Minutes for approval

1.2 Report on the action taken/action pending on the pertinent decisions in the Minutes of the 12th Meeting of the Board of Governors held on 29-07-2017 at CE Karunagappally

The decisions taken by the BOG as recorded in the Minutes of the 12th Meeting of the Board of Governors of the TEQIP Phase II held on 29-07-2017 have been noted and actions have been initiated. A report on the action taken and actions pending is presented in the Table 1.1 given below

Table 1.1

Item No in Minutes of the 12th BOG	Decision Taken	Action Taken
1.1	The BoG confirmed the approved minutes of the 11th Meeting	For Information
1.2	Took note of the action taken report and approved	For Information
2.1	The BoG took note and ratified the expenditure incurred for attending various Faculty Development Programmes for Rs.12,27,089.	No action needed
2.2	The BOG took note and ratified the expenditure incurred for attending various Staff Development Programmes by the staff for Rs.3,23,128	No action needed
2.3	The BOG took note and ratified the expenditure incurred for conducting a Staff Development Programme for Rs.63,529	No action needed
2.4	The BOG took note and ratified the expenditure incurred for conducting R and D programmes for Rs.57,047	No action needed
2.5	The BOG took note and ratified the expenditure incurred for Management Capacity Enhancement programme attended by a faculty for Rs.67472	No action needed
2.6	The BOG took note and ratified the expenditure incurred, Rs. 4,98,554 for the programmes conducted under IIIC	No action needed
2.7	The BOG took note and ratified the expenditure of Rs. 8,05,000 for the accreditation fee paid for two PG Programmes	No action needed
2.8	The BOG took note and ratified the expenditure of Rs. 4,96,685 for the Soft Skill Training Programme conducted under students support	No action needed

2.9	The BOG took note and ratified the expenditure of Rs. 3,41,899 under IOC	No action needed
3.1	The BOG took note of the expenditure under various heads	No action needed
3.2	The BOG took note of the survey report and congratulated the institution for the good satisfaction index score	No action needed
3.2	BoG discussed and approved the report	No action needed

Part 2

Ratification

2.1 Ratification of salary paid to the TEQIP Staff

Details of the salary paid to the TEQIP staff post the last BoG meeting from 1.8.2017 to 15.12.217 is as given below.

Sl No	Month	Amount (Rs)
1	July 2017	58,255
2	August	14,850
3	September	10,800
4	October	15,525
5	November	14,850
6	December	9,450
7	Festival Allowance	6,710
Total		**1,30,440**

Action sought: BOG may kindly take note and ratify the expenditure incurred for paying salary to the TEQIP staff post the last BoG meeting from 1.8.2017 to 15.12.217.

Part 3

Status Reports and Approvals

3.1 Approval for transferring the disallowance amount to Corpus fund

As per the statutory audit report attached as Annexure 2 an amount of Rs.2,85,726 was disallowed and the same was recovered from the institution fund and remitted to the TEQIP main account as per the direction from SPFU Director. From this amount, Rs.12,108 was paid as salary to the TEQIP staff continued upto 15th December 2017. Thus, the balance amount available in the TEQIP account is Rs.2,73,618. As per the direction from the SPFU the unspent amount available in the TEQIP main account is to be transferred to the Corpus fund with the approval of the BoG.

Action sought: BOG may kindly take note and give necessary approval to transfer the balance amount of Rs.2,73,618 available in the TEQIP main account to the TEQIP Corpus fund.

3.2 Status of four funds and its utilization

One of the key obligations to be complied with by the institutions under TEQIP II was to create and establish four funds, namely, Corpus Fund, Faculty Development Fund, Equipment Replacement Fund and Maintenance Fund to ensure that the developmental activities continue beyond the Project period. Each project institution was to build these Funds with annual contribution   into each Fund equal to at least 0.5% (total 2%) of annual total recurring expenditure of the institution. Sources could be a definite percentage of fee collection from students, savings from Block Grant, donations from alumni and charitable organizations, IRG including commercial use of facilities, consultancy earnings, consultancy earnings and matching Grants from Government/management on IRG etc. It is, therefore, the institution established the Four Funds. The purpose of these Funds is to ensure sustainability of the reform process beyond the Project Period.

The institution has deposited 2% of the annual recurring expenditure upto 2016-17 equally in all the four funds and other revenue collected from conducting training programmes and conference.

The status of the fund available in the four accounts as on 21st May 2018 is as given below.

Sl No	Name of Account	Amount (Rs)
1	Corpus Fund	9,36,399
2	Faculty and Staff Development Fund	6,63,449
3	Equipment Replacement Fund	6,62,781
4	Maintenance Fund	6,62,781
Total		**29,25,410**

Action Sought: The BOG may kindly note.

3.3 Approval of allocation of four funds to different Departments

In order to utilize the amount deposited in the four funds efficiently and judiciously, the allocation of the same is proposed for different departments for the next three years as given in the table below.

Head	Year	Institution Level	CS	EC	EE	GE & AS	Total
Corpus Fund	2018-19	133333	59,600	59,600	59,600	--	3,12,133
	2019-20	133333	59,600	59,600	59,600	--	3,12,133
	2020-21	133333	59,600	59,600	59,600	--	3,12,133
	Total	**3,99,999**	**1,78,800**	**1,78,800**	**1,78,800**	--	**9,36,399**
FSD Fund	2018-19	30,000	53,075	53,075	40,000	45,000	2,21,150
	2019-20	30,000	53,075	53,075	40,000	45,000	2,21,150
	2020-21	30,000	53,075	53,074	40,000	45,000	2,21,149
	Total	**90,000**	**1,59,225**	**1,59,224**	**1,20,000**	**1,35,000**	**6,63,449**
Equipment Replacement Fund	2018-19	50,000	50,000	50,000	50,000	20,927	2,20,927
	2019-20	50,000	50,000	50,000	50,000	20,927	2,20,927
	2020-21	50,000	50,000	50,000	50,000	20,927	2,20,927
	Total	**1,50,000**	**1,50,000**	**1,50,000**	**1,50,000**	**62,781**	**6,62,781**
Maintenance Fund	2018-19	50,000	50,000	50,000	50,000	20,927	2,20,927
	2019-20	50,000	50,000	50,000	50,000	20,927	2,20,927
	2020-21	50,000	50,000	50,000	50,000	20,927	2,20,927
	Total	**1,50,000**	**1,50,000**	**1,50,000**	**1,50,000**	**62,781**	**6,62,781**

The activities that can be conducted by utilizing the four funds are as shown in the table below:

Name of Fund	Fund Available (Rs)	Category of Expenditure	Sub-Activity
Corpus Fund	9,36,399	Academic support for weak students	Expenditure incurred on research projects taken by UG/PG students
			Expenditure incurred on research publications
			Remedial Class
			Visiting Faculty
			Industry Institute Interaction
		Incremental operating cost	Salary of TEQIP staff
			BoG meetings
			Stationery and other expenses
Faculty Development Fund	6,63,449	FSD	Expenditure on faculty members attended training in subject domain
			Expenditure on faculty members attended pedagogical training
			Expenditure on organising inhouse subject area training programmes/workshops/seminars/conferences etc
			Expenditure on participation by faculty in external seminars/conferences/workshops etc
			Expenditure on staff development
Equipment Replacement Fund	6,62,781	ERF	Equipment
			Books
			Software
			Furniture
Equipment & Civil Maintenance Fund	6,62,781	ECMF	Equipment Maintenance
			Civil Works

Action Sought: The BOG may kindly note and approve the allocation of the amount deposited in the four funds for different departments for the next three years.

3.4 Status of Accreditation

The Institution had remitted the fees for accreditation by the National Board of Accreditation (NBA) for the UG Programmes in Electronics & Communication Engineering and Computer Science & Engineering. The revised Self-Assessment Reports (SARs) of both the programmes were uploaded. Documentation process of both the departments is going on. It is expected that the expert visit would be conducted during September 2018.

In this regard it is to be noted that in order to meet the required Student Faculty Ratio, the appointment of contract faculty should be atleast for two years.

Action Sought: The BOG may kindly note the status.

3.5 Status of academic results post the last BoG

B.Tech odd semester 2017-18 results of all the branches are as given below:

Branch	Semester	No of students appeared	No. of students passed	Pass Percentage
EC	S1	26	5	19.23
	S3	31	6	19.35
	S5	37	13	35.14
	S7	47	32	68.08
CS	S1	36	8	22.22
	S3	38	10	26.32
	S5	34	19	55.88
	S7	43	38	88.37
EE	S1	35	11	31.43
	S3	46	4	8.70
	S5	41	14	34.15
	S7	47	34	72.34
IT	S7	3	3	100
Overall	S1	97	24	**24.74**
	S3	115	20	**17.39**
	S5	112	46	**41.07**
	S7	140	107	**76.42**

Action Sought: The BOG may kindly note the status.

3.6 Approval of students support programmes

The students support programmes planned for the next six months by different departments, approved by the Academic Committee and Finance Committee are given in the tables below. The expenditure for these programmes will be booked under Corpus fund.

Students support programmes-Electrical and Electronics Department

Sl. No	Area or Title of the programme	Semester	Duration	Proposed date	Estimate in Rs
1	Counselling/Mentoring classes	S1	1 day	August 2018	8,000
2	Counselling/Mentoring classes	S3	1 day	August 2018	8,000
3	Counselling/Mentoring classes	S5	1 day	August 2018	8,000
4	Counselling/Mentoring classes	S7	1 days	August 2018	8,000
5	Remedial classes	S7	15Hrs	Sept – Nov, 2018	9,000
6	Remedial classes	S5	16Hrs	Sept – Nov, 2018	9,600
7	Remedial classes	S3	16 Hrs	Sept – Nov, 2018	9,600
8	PSCAD Tools	S7	2	Aug 1st week	20,000
9	Soft skills Development	S1	1	August 3rd week	9,000
10	Soft skills Development	S3	1	August 3rd week	9,000
Total					**97,400**

EC Department- Training for students

	Area or Title of the programme	Sem	Duration	Proposed date	Estimate in Rs
1	Counselling/Mentoring classes	S1	1 day	August 2nd week	10,000
2	Counselling/Mentoring classes	S3	1 day	August 2nd week	10,000
3	Counselling/Mentoring classes	S5	1 day	August 2nd week	10,000
4	Start up/Entrepreneurship classes	S7	2 days	September 3nd week	25,000
5	Remedial classes	S5	20 Hrs	Sept - Nov	12,000
6	Remedial classes	S3	20 Hrs	Sept – Nov	12,000
7	Demo on Microwave Engg. Expts.	S7	2	October 1st week	20,000
8	Demo on Power Electronics Expts.	S5	1	October 1st week	10,000

9	Demo on EDA tools	S3	1	Sept 2nd week	10,000
10	Demo on 3D Printing	S5	1	Sept 1st week	10,000
11	Demo on 3D Printing	S7	1	Sept 1st week	10,000
12	Soft skills Development	S1	1	August 3rd week	10,000
13	Soft skills Development	S3	1	August 3rd week	10,000
				Total	**1,59,000**

CS Department- Training for students						
No	Co-ordinator	Course	Tentative date	Duration in Days	Class	Estimate (Rs)
1	Ms. Sabeena K	Android App Development	02/08/2018 - 04/08/2018	3 Days	S7 CS	30,000
2	Ms.Geetha S	IoT	06/08/2018 - 08/08/2018	3 Days	S5 CS	30,000
3	Ms. Shani Raj	Open Hardware	02/08/2018 - 04/08/2018	3 Days	S3 CS	30,000
4	Ms. Geetha S & Ms. Shani Raj	Soft Skill Enhancement	31/08/2018 - 01/09/2018	2 Days	S1 CS & S3 CS	30,000
5	Ms. Sabeena K & Ms. Remya R S	Placement Training	13/09/2018 - 15/09/2013	3 Days	S7 CS, S5CS	50,000
	Total					1,70,000

The bridge courses and remedial classes planned for the first year students in the academic year 2018-19 are as shown below:

Bridge courses planned for the first year students 2018-19			
Semster/ Branch	Subject	Hours	Expected Expenditure (Rs)
S1 EC	Mathematics	6	3600
S1 EE	Mathematics	6	3600

Semster/Branch	Subject	Hours	Expected Expenditure (Rs)
S1 CS	Mathematics	6	3600
S1 EC	Graphics	3	1800
S1 EE	Graphics	3	1800
S1 CS	Graphics	3	1800
S1 EC	Mechanics	3	1800
S1 EE	Mechanics	3	1800
S1 CS	Mechanics	3	1800
S1 EC	Basics of Electronics Engineering	6	3600
S1 EE	Basics of Electrical Engineering	6	3600
S1 CS	Basics of Computer Engineering	6	3600
Total expenditure			**32,400**

Remedial Classes planned for the first year students 2018-19			
Semster/Branch	**Subject**	**Hours**	**Expected Expenditure (Rs)**
S1 EC	Calculus	5	3000
S1 EE	Calculus	5	3000
S1 CS	Calculus	5	3000
S1/S2 EC	Engineering Graphics	5	3000
S1 /S2EE	Engineering Graphics	5	3000
S1 /S2CS	Engineering Graphics	5	3000
S1/S2 EC	Engineering Mechanics	5	3000
S1 /S2EE	Engineering Mechanics	5	3000
S1 /S2CS	Engineering Mechanics	5	3000
S1 EC	Introduction to Electronics Engineering	5	3000
S1 EE	Introduction to Electrical Engineering	5	3000
S1 CS	Introduction to Computer Programming	5	3000
S2 EC	Differential Equations	5	3000
S2EE	Differential Equations	5	3000
S2CS	Differential Equations	5	3000
Total expenditure			**45,000**

Action Sought: The BOG may kindly note and approve the students support programmes planned for the next six months.

3.7 Approval of FSD programmes

The detailed proposal of outstation FSD programmes planned for the next 12 months by different departments, approved by the Academic Committee and Finance Committee are given in the table below

The list is prepared based on the TNA done for the faculty members.

		Outstation FSD programmes planned			
Electrical and Electronics Department					
	Institutions	**Area**	**No. of Faculty Members**	**Tentative Time**	**Estimate in (Rs)**
1	IIT/NIT	Power System Design	2	Dec 2018	20,000
2	IIT/NIT	Electrical Vehicle Design	1	Jan 2019	10,000
3	IIT/NIT	Advanced Control Theory	2	Oct 2018	20,000
4	IIT/NIT	Artificial Intelligence	2	Dec 2018	20,000
				Total	**70,000**

Electronics and Communication Department					
	Institutions	**Area**	**No. of Faculty Members**	**Tentative Time**	**Estimate in Rs**
1	IIT/NIT	Signal Processing	2	Dec 2018	20,000
2	IIT/NIT	Image Processing	2	Jan 2019	20,000
3	IIT/NIT	Deep Learning	2	Oct 2018	20,000
4	IIT/NIT	Communication Engineering	2	Dec 2018	20,000
5	IIT/NIT	Optimization problems	2	Nov 2018	20,000
				Total	**80,000**

3.8 Approval of Maintenance of equipment

The detailed proposal by various departments for repair/maintenance of equipment to be done, approved by the Procurement Committee and Finance Committee are given in the table below.

	Maintenance of equipment				
EC Department					
Sl No.	**Name of Equipment**	**No. of items**	**TEQIP/Non-TEQIP**	**Repair/Maintenance**	**Estimate in Rs**
1	Drilling machine	2	TEQIP	Repair	2,000
2	Air Conditioners	6	TEQIP	Repair and Maintenance	6,000
5	3D Printer	1	TEQIP	Repair	15,000
6	Digital IC Tester	1	TEQIP	Repair	2,000
7	Digital IC Trainer kit	1	TEQIP	Repair	4,000
8	Microwave bench and Accessories	1	Non-TEQIP	Repair	20,000
9	6KVA TB Emerson UPS	1	Non-TEQIP	Repair	22,000
				Total	**71,000**
CS Department					
1	LCD Projector	4	TEQIP	Repair	8,000
2	Desk top computer	5	TEQIP	Repair	10,000
3	Vacuum Cleaner	1	TEQIP	Repair	3,000
4	Air conditioner	1	TEQIP	Repair	3,000
				Total	**24,000**
EE Department					
1	Power lab Kit	4	TEQIP	Repair	5,000
2	AEE Lab Kit	3	TEQIP	Repair	3,000
3	Transformer	2	TEQIP	Repair	3,000
4	Electrical Machines	3	TEQIP	Repair	5,000
5	Power Supply	2	TEQIP	Repair	3,000
6	Digital IC Tester	1	TEQIP	Repair	1,500
7	Digital IC Trainer kit	2	TEQIP	Repair	2,000
8	Microprocessor Kit	4	TEQIP	Repair	4,000
9	Diesel Generator	1	TEQIP	Annual maintenance	15,000
10	Desktop computer	10	TEQIP	Repair	20,000
				Total	**61,500**
Institution					
1	Laser Printer	2	TEQIP	Repair	1,600
2	Desktop computer	1	TEQIP	Repair	2,000
3	AMC for Copier (Gestetner)	1	TEQIP	Annual maintenance Contract	23,000
4	Scanner (1 No.)	1	Non TEQIP	Repair	800
5	Fire Extinguisher, 6kg	7	TEQIP	Powder refilling	5,600
6	Campus Networking	--	TEQIP	Some of access pints to be repaired	20,000
				Total	**53,000**
Repair of furniture purchased under TEQIP				Repair	12,000
			Grand Total		**2,21,500**

Action sought: The BoG may note and approve the proposals by various departments for repair/maintenance of equipment to be done

3.9 Approval of equipment replacement

The proposals by various departments for replacing equipment, approved by the Procurement Committee and Finance Committee are given in the table below.

Sl No.	Name of Equipment	No. of items	TEQIP/Non-TEQIP	Repair/Replace	Estimate in Rs
			Replacement of equipment		
EC Department					
1	Desktop Computers	14	Non-TEQIP	Processor and motherboard to be replaced	1,68,000
2	5KVA UPS	3	Non-TEQIP	Battery replacement	75,000
				Total	**2,43,000**
CS Department					
1	UPS Battery	1	TEQIP	To be replaced	10,000
				Total	**10,000**
EE Department					
1	Laptop Computer	2	TEQIP	Batteries to be replaced	5,000
2	Rheostat 290 Ohm, 1.8 A	2	TEQIP	Winding damaged	5,000
3	Rheostat 21 Ohm, 10 A	1	TEQIP	Winding damaged	10,500
4	Over Current relay	1	TEQIP	Rotating disc and tripping coil damaged	55,000
5	Ammeters	10	TEQIP	Damping coil and circuit	16,000
				Total	**91,500**
				Grand Total	**3,44,500**

Action sought: The BoG may note and approve the proposals by various departments for replacing equipment.

3.10 Appointment of Contract Staff

As per the G.O (Rt) No. 1578/2017 dated 25/8/2017, attached as Annexure 3, the service of a contract staff (full time or part time depending on the volume of transactions) can be hired with the prior approval of the BoG for carrying out the clerical/accounting work related to

fund utilisation. Considering the volume of work and the fund availability, the service of such staff may have to be restricted to 10-15 days per month. Also, appointing a fresh staff with experience in such projects may not be easy. In this regard it is enquired whether the staff who has been working as the data entry operator in this institution under TEQIP II since 2013 can be appointed as the contract staff.

If a fresh appointment is done, the qualification of such staff may be fixed as any degree with minimum 3 years experience in World Bank projects. The salary to be given to the staff may also be fixed.

Action sought: The BoG is kindly requested to take suitable decisions on the appointment of TEQIP staff and salary to be given to the staff.

3.11 Approval of various TEQIP Committees

Various TEQIP Committees are reconstituted as given below.

1. Procurement Committee

1.	Dr.Jaya V.L	Principal / Chairman
2.	Dr. Ajil Kumar A	TEQIP Coordinator
3.	Prof. Manoj Ray D	Nodal Officer/ Coordinator
4.	Mr. Sarath Chandran Unnithan	Administrative Officer
5.	Dr. Gopakumar C	HOD, Electronics and Communication
6.	Dr. Binu V P	HOD, Computer Science
7.	Mrs. Libi A	HOD, Electrical and Electronics
8.	Mrs. Smitha P	HOD, Information Technology
9.	Prof. Premakumari K R	HOD AS
10.	Mr.Sylish S V	Faculty EC
11.	Mrs. Sabeena K	Faculty CS
12.	Mr. Venu	Foreman EC
13.	Mrs. Haseena P Y	Faculty EE

2. Finance Committee

1.	Dr. Shajy L	Coordinator
2.	Dr. Ajil Kumar A	TEQIP Coordinator
3.	Dr. Gopakumar C	HOD, Electronics and Communication
4.	Dr. Binu V P	HOD, Computer Science
5.	Mrs. Libi A	HOD, Electrical and Electronics
6.	Mrs. Smitha P	HOD, Information Technology
7.	Prof. Premakumari K R	HOD AS
8.	Prof. Manoj Ray D	Faculty CS
9.	Mrs.Sunitha Cheriyan	Senior Supdt
10.	Mr. Syish S V	Faculty EC

3. Civil Work Committee

1.	Dr.Jaya V.L	Principal/Chairman
2.	Mr. Ganesh G	Nodal Officer
3.	Dr. Ajil Kumar A	TEQIP Coordinator
4.	Prof. Manoj Ray D	Procurement Coordinator
5.	Dr. Gopakumar C	HOD, Electronics and Communication
6.	Dr. Binu V P	HOD, Computer Science
7.	Mrs. Libi A	HOD, Electrical and Electronics
8.	Mrs. Smitha P	HOD, Information Technology
9.	Mr. Sarath Chandran Unnithan	Administrative Officer
10.	Mr. Sreekumar	Assistant Executive Engineer, IHRD
11.	Mr. Anilkumar V	Tradesman

4. Academic Committee

1.	Sri. Reji Thankachan	Academic Coordinator Convener
2.	Dr. Ajil Kumar A	TEQIP Coordinator
3.	Dr. Gpakumar C	HOD, Electronics and Communication
4.	Dr. Binu V P	HOD, Computer Science
5.	Mrs. Libi A	HOD, Electrical and Electronics
6.	Mrs. Smitha P	HOD, Information Technology
7.	Mrs. Remya R S	Faculty CS
8.	Mrs. Haseena P Y	Faculty EE
9.	Mrs.Sabeena	Faculty EC
10.	Mr. Shibu	Foreman CS
11.	Mrs. Vidya	Office Assistant

5. Equity Action Plan Committee

1.	Prof. Prema Kumari K R	Nodal Officer / Coordinator
2.	Mrs. Deepa T R	Faculty EC
3.	Mrs. Shiny C	Faculty EC
4.	Mrs. Geetha S	Faculty CS
5.	Mrs. Shani Raj	Faculty CS
6.	Mrs. Haseena P Y	Faculty EE
7.	Mrs. Retheekumari S	Faculty AS

6. R & D Committee

1.	Dr. Jaya V L	Principal
2.	Dr. Smitha P	Coordinator
3.	Dr. Ajil Kumar A	TEQIP Coordinator
4.	Dr. Gpakumar C	HOD, Electronics and Communication
5.	Dr. Binu V P	HOD, Computer Science
6.	Mrs. Libi A	HOD, Electrical and Electronics
7.	Dr. Shajy L	System Analyst
8.	Mr. Revikumar Thampi	Faculty ME
9.	Mrs. Shiny C	Faculty EC

| | 10. | Dr. Geetha | Faculty AS |

7. IIIC Committee

1.	Mr. Baiju V	Coordinator, IIIC/TPO
2.	Mr. Reji Thankachan	Faculty EC
3.	Mrs.Sabeena	Faculty EC
4.	Dr. Ajilkumar A	TEQIP Coordinator
5.	Haseena P Y	Faculty EE
6.	Sabeena K	Faculty CS
7.	Ganesh R	Faculty ME
8.	Renu K K	Faculty AS

8   Monitoring and Evaluation Committee

1.	Mrs. Sheela R	Coordinator
2.	Mrs. Geetha S	Faculty CS
3.	Mrs. Deepa T R	Faculty EC
4.	Mr. Radhakrishna Panicker	Trademan

Action sought: The BoG may note and approve the various TEQIP Committees are reconstituted.

Part 4- Any other item with the permission of the chair

Annexure 1

TECHNICAL EDUCATION QUALITY IMPROVEMENT

PROGRAMME Phase II Sub Component 1.1

12th MEETING OF
THE BOARD OF GOVERNORS

MINUTES

Date: 29-07-2017

Time: 10.00 am

Venue: College of Engineering Karunagappally

COLLEGE OF ENGINEERING KARUNAGAPPALLY

THODIYOOR P.O., KOLLAM-690523, KERALA

Phone: +91 476 2665935

Minutes of Twelfth Meeting of Board of Governors

Presided by

Hon'ble Chairman: Prof. V.P.N. Nampoori

Venue: Office of the Principal
Date: 29 July 2017   **Time:** 10.00 AM

Members Present

1. Prof (Dr) V.P.N Nampoori, Chairman
2. Prof.(Dr). Suresh Kumar.P, Director, IHRD
3. Mr. James Joseph, Jt. Sec. Finance, Government of Kerala (State Govt Nominee)
4. Prof. (Dr) V P Devassia, Principal, Model Engineering College
5. Dr. Sam Thomas, CUSAT (University Nominee)
6. Prof (Dr). Jaya V L, Principal
7. Dr. AjilKumar.A, HOD, ME, Member
8. Prof. Manoj Ray D, Member

The following members of the BOG conveyed their inability to attend the meeting.
1. Mr. Angelose, Joint Sec., H.Edn, Government of Kerala (State Govt Nominee)
2. Dr. S. Jayakumar**,** Director, SPFU (Special invitee)

    Also present

1. Prof. Binu V.P, HOD, Computer Science and Engineering
2. Dr. Smitha P, HOD Information Technology
3. Prof. Libi A, HOD Electrical and Electronics Engineering
4. Prof. Reji Thankachan, Academic Coordinator
5. Prof. Sylish S. V, Procurement Coordinator
6. Prof. Baiju V, III Cell Coordinator
7. Prof. Premakumari K.R, EAP Coordinator
8. Dr. Shajy L, Finance Coordinator

Agenda Summery

Part 1-Procedural

Sl. No	Items
1.1	Confirming the Minutes of the 11th Meeting of the Board of Governors held on 06-03-2017 at College of Engineering Karunagappally
1.2	Report on the action taken/action pending on the pertinent decisions in the Minutes of the 11th Meeting of the Board of Governors held on 06-03-2017 at College of Engineering Karunagappally

Part 2-Ratifications and Approvals

Sl. No	Items
2.1	Faculty Development Programme attended outstation by faculty
2.2	Staff Development Programmes attended outstation by Staff
2.3	Staff Development Programmes conducted by Staff
2.4	R and D Programmes conducted
2.5	Management Capacity Enhancement programme attended
2.6	Ratification of IIIC Activities conducted/settled post the last BoG meeting
2.7	Ratification of accreditation fee paid for two PG Programmes
2.8	Ratification of programmes conducted under students support
2.9	Expenditure incurred under IOC-Ratification

Part 3 Reports

3.1	Summary of Expenditure as on 27 July 2017
3.2	Report on Staff Student Satisfaction Survey
3.3	Project Completion Draft Report

Part 4- Any other item with the permission of the chair

Sl. No	Items
4.1	Other Items

The Meeting started at 10.00.AM under the presidency of the Hon'ble Chairman with a silent prayer followed by welcome address by the Principal.

Principal Dr Jaya V L welcomed all the members and special invitees. A brief report was made by the Principal on the various activities related to TEQIP and development in the college as the impact of these activities. She also provided a brief report about the agenda of the meeting.

Part 1

Procedural Items

1.1 Confirmation of the Minutes of the 11th Meeting of the Board of Governors held on 06-03-2017 at CE Karunagappally

The Minutes of the 11th Meeting of Board of Governors of TEQIP Phase II of CE Karunagappally held on 06-03-17 was sent to the Chairman for his approval and upon his approval copies were circulated among the other members of the BoG. Based on the discussions, the Board of Governors confirmed the approved minutes of the BOG meeting held on 06-03-17.

1.2 Report on the action taken/action pending on the pertinent decisions in the Minutes of the 11th Meeting of the Board of Governors held on 06-03-2017 at CE Karunagappally

The decisions taken by the BOG as recorded in the Minutes of the 11th Meeting of the Board of Governors of the TEQIP Phase II held on 06-03-2017 have been noted and actions have been initiated. A report on the action taken and actions pending is presented in the Table 1.1 given below

Table 1.1

Item No in Minutes of the 11th BOG	Decision Taken	Action Taken

1.1	The BoG confirmed the approved minutes of the 10th Meeting	For Information
1.2	Took note of the action taken report and approved	For Information
2.1	BoG ratified the payment of Rs. **2,19,203**/- towards the payment of five completed procurement packages and approved the price revisions.	No action needed
2.2	The BoG took note of the progress in procurement of Distilled Water Plant	The package has been cancelled
2.3	The BoG took note and ratified the expenditure incurred for attending various Faculty and Staff Development Programmes for Rs.10,89,831	No action needed
2.4	The BoG decided to reimburse the amount after proper evaluation of the progress work of Mr.Raju M, Assistant Professor in EEE wh had submitted a request for the reimbursement of fee for his fourth year part time PhD programme	The fee is not reimbursed since no paper has been published
2.5	The BOG approved for reimbursement of the expenditure incurred for presenting a paper in a National Conference to Dr. Gopakumar C, Assistant Professor in EC	The amount has been paid
2.6	The BOG approved the proposals for the outstation programmes for the month of March	Faculty attended training programmes at various institutes like IITs and NITs
2.7	The BoG approved for conducting a Colloquium on Research in Computing Innovations	The Colloquium was planned to conduct if payment of Accreditation fee for PG programmes would be denied. Since the payment of Accreditation fee was made, there was no fund left out to conduct the Colloquium
2.8	The BoG took note and ratified the expenditure of Rs.2,51,760/- and the other four programmes conducted under IIIC.	No action needed
2.9	The BOG approved the action plan under IIIC cell for the month of March	Conducted 28 IIIC programmes
2.10	The BOG took note and ratified the payment towards conducting Soft Skill Training and asked to settle the other programmes conducted immediately. Also decided to conduct an expert talk on Applied Mathematics for both students and faculty	Settled all the programmes Hon'ble Chairman conducted a talk on Applied Mathematics

2.11	The BOG approved the action plan for the soft skill training programme planned for the month of March	Conducted soft skill training programmes for all UG and PG classes (for10 Classes) No action needed
2.12	The BOG approved the plan for the placement drive	The idea was dropped
2.13	The BOG approved the Vision and Mission statements	No action needed
2.14	The BOG took note and ratified the payment under IOC head	No action needed
3.1	The BOG took note of the expenditure under various heads	No action needed
3.2	The BOG took note of the survey report and congratulated the institution for the good satisfaction index score	No action needed

Decision: The BOG members analyzed and approved the actions taken by the College based upon the decisions made in the BOG meeting held on 06-03-2017

Part 2
Discussion, Ratification and Approval
2.1 Faculty Development Programme attended outstation by faculty

2.1 Details of faculty attended out station training and the expenditure involved are described below

Training Attended - Faculty						
Sl. No	Name Of Faculty	Title	Date	Institution/ Organization Name	Advance Amount	Expenditure
1	Remya R S Sabeena K Jyothi R L	Theory of Computational and complexity Theory	6/3/17 to 10/3/17	MFS, Cochin	35000 each	36000 37270 37270
2	Arya Chandran S Binu V P Hariharan R L Niyas S K Leena B R Shamna S S Shani Raj Subeena H	Big data Analytics and cloud computing	13/3/17 to 17/3/17	MFS, Cochin	35000 each	36825 37640 36825 36825 36825 36825 37270 36825

	Swetha Saira Appose					36825
3	Dr. Ajilkumar A Deepa T R Haseena P Y Jyothi R L Meera Murali Premakumari K R Reji Thankachan Renu K K Sabeena k Smitha P Sylish S V	Quality Enhancement Initiatives in Engg. Educational Institution	27/2/17 to 3/3/17	CE Chenganoor	35000 each	37330 37200 37200 37200 36481 37330 37330 37330 37200 37330 37330
4	Remya R S Libi A Haseena P Y	Research Methodology	20-24 March 17	MNIT Jaipur	20000 each	24939 22947 22947
5	Shiny C Deepa T R Geetha S Revikumar Thampi V R Seena Mathew Meera Murali Aagi A S Sheena S Nowshad	Technology Innovation and Entrepreneurship	20 - 24 March 2017	MFS Ernakulam	35000 each	37270 37110 37240 37270 36845 36845 36845 36845
6	Dr Gpakumar C	National Conference	6-8 Sept 2016	Rajagiri School of Engg. and Technology, Kochi,	----	7500
Total						**1227089**

Decision: The BOG took note and ratified the expenditure incurred for attending various Faculty Development Programmes by the faculty post the last BoG meeting as per rules.

2.2 Staff Development Programmes attended outstation by Staff

Details of staff attended out station training and expenditure involved are described below

				Seminar/ Workshop/ Conference/ Training - Attended - Staff		
Sl. No	**Name Of Faculty**	**Title**	**Date**	**Institution /Organizat ionName**	**Adv. Amount**	**Expendit ure (Rs)**
1	Vidya J Dr. Anitha D S Sandhya Murali P Sheebamol K K Manoj K Mathew Suresh kumar G Leena S Anil Kumar V	Performance improvement for Institutional development	7 March 17 to 10 March 17	ESCI, Hyderabad	24000 each	26364 26470 26364 26364 26364 26364 26364 26364
2	Anilkumar A	Theory of Computation al and complexity Theory	6 March 17 to 10 March 17	MFS, Cochin	35000	37450
3	Anilkumar A Dr. Shaji L	Quality Enhancement Initiatives in Engg. Educational Institution	27 Feb 17 to 3 March 17	CE Chenganoo r	35000 35000	37330 37330
			Total			**323128**

Decision: The BOG took note and ratified the expenditure incurred for attending various Staff Development Programmes by the staff post the last BoG meeting as per rules.

2.3 Staff Development Programmes conducted by Staff

Details of in house training conducted for staff members and the expenditure involved are described below

			Training Conducted			
Sl. No	Name Of Coordinator	Title	Date	Number of participants	Revenue generated	Expenditu re

Sl No	Name	Title	Date	Inside	Outside		
1	Sheeba mol K	Performance and quality improvement for administrative staff	25-28 March 17	43	7	1000	63,529
Total							**63,529**

Decision: The BOG took note and ratified the expenditure incurred for conducting a Staff Development Programme post the last BoG meeting as per rules.

2.4 R and D Prgrammes conducted

The R and D programmes conducted and the related expenditure after the last BoG meeting are given below

				R & D Prgrammes conducted		
Sl. No	Name Of the Coordinator	Title of Program	Date	Number of participants	Advance Amount	Expenditure
1	Dr. Smitha P	Expert talk on "How to do Research "	17/3/17	Facuty-17 PG Students-59	6000	8,350
2	Dr. Smitha P	RGC Meeting	18/3/17	---	27000	37,561
3	Dr. Geetha S	Expert talk on Applied mathematics for research	23/3/17	Facuty-31 PG Students 39	7500	11,136
Total						**57,047**

BoG appreciated Ms.Remya R. S. for her commendable work that led her in acquiring the KSCSTE fund of Rs 16.31 Lakhs for research on Automated detection of Acute Lymphatic Leukaemia. Respected member Mr.James Joseph insisted the need for going for the patent of this work. Dr. Sam Thomas told that CUSAT is providing the classes on patent procedures. Even filing patent request is considered equivalent to paper publishing. BoG decided to go for internal RGL and conduct courses on patent filing in association with CUSAT.

Decision: The BOG took note and ratified the expenditure incurred for conducting R and D programmes post the last BoG meeting as per rules.

2.5 Management Capacity Enhancement programme attended

The details of Management Capacity Enhancement programme attended by a faculty and the related expenditure are given below

IMCE						
Sl. No	Name of Faculty	Title of the Program	Date	Institution/ Organization Name	Advance Amount	Expenditure
1	Raju M	Softskill for Interpersonal effectiveness: Attitudes and Skill enhacement	6/3/17 – 9/3/17	IIMK, Kozhikode	65000	67,472
Total						67,472

Decision: The BOG took note and ratified the expenditure incurred for Management Capacity Enhancement programme attended by a faculty post the last BoG meeting

2.6 Ratification of IIIC Activities conducted/settled post the last BoG meeting

The IIIC activities conducted by different departments are as given in the following Table.

IIIC activities conducted by different departments								
Sl No	Branch	Name of Program	Type of Program	Industry Name/ Institution Name	Date	No. of Days	No. of Student Participants	Expenditure (Rs)
1	CSE	Internet Programming - Php	Expert Talk	Tender wood Solution, Bangalore, 2D CVC, Abana, Cochin	1-3 March 2017	3	46	51,039
2	EEE	PLC and Scada	Workshop	Pantech Chennai	16 – 18 March 2017	3	50	34,570

3	ECE	Workshop on MATlab	Workshop	Opzet Solns PVT. Ltd, Ernakulam	16 March 2017	1	40	8,693
4	ECE	Workshop on Internet of things	Workshop	Neo Green Labs, cochin	4 March 2017	1	30	12,761
5	CSE	Introduction to free and open software	Expert Talk	AFL IT Academy, Chennai, Accel IT academy, Thrissur	14-18 March 2017	5	34	47,220
6	CSE	Introduction to web Application development	Expert Tutoring	Seaview Support, Technopark, TVM, Softtex, TVM	10 -11 March 17	2	38	21,360
7	EEE	Simulation software in industry perspective	Workshop	OPZET Solns, Ernakulam, Epsilon Labs, Eklm	6, 8 Feb 2017	2	48	25,455
8	CSE	Laptop and mobile phone servicing	Workshop	P C Engineers, Kottayam	21 March 17	1	38	14,066

Industrial Visit and Internship

9	CSE	Industrial Visit -B. Tech S4 CSE	Industrial Visit	UL Cyberpark, Kozhikode	11 March 2017	1	Stud -34 Staff -2	18,988
10	EEE	Industrial Visit – S4 EEE	Industrial Visit	Pallivassal Hydro. Ele. Project Dam & Mattupetty Dam	18 Feb 2017	1	Stud -40 Staff -3	30,653
11	CSE	Industrial Visit – S2CSE	Industrial Visit	Sengulam power house & Mattupetty Dam	18 Feb 2017	1	Stud -39 Staff -3	29,194
12	EEE	Industrial Visit – S4 EEE	Industrial Visit	Kudankulam Nuclear Power plant	19 Feb 2016	1	Stud -47 Staff -2	19,515
13	EEE	Industrial Visit – S8 EEE	Industrial Visit	Kuttiyadi hydro electric power plant	24 Mar 2017	1	Stud -45 Staff -2	28,215

14	ECE	Industrial Visit – S2 ECE	Industrial Visit	Pallivassal Hydro. Ele.Power station	4 Mar 17	1	Stud -32 Staff -2	19,590
15	CSE	Industrial Visit -B. Tech S6 CSE/IT	Industrial Visit	UL Cyberpark, Kozhikode	17 March 2017	1	Stud -45 Staff -2	24,426
16	EEE	Industrial Visit -B. Tech S2 EEE	Industrial Visit	Pallivassal Hydro. Ele.Power station	18 Feb 2017	1	Stud -42 Staff -2	28,116
17	EEE	Industrial Visit -B. Tech S6 EEE	Industrial Visit	Kuttiyadi Power Plant	17 March 2017	1	Stud -45 Staff -3	27,456
18	EEE	Industrial Training - S6 EEE	Industrial Training	Malankara small hydro power station	24 -29 June 2016	6	4	3,060
19	EEE	Internship - Btech S2 EEE	Internship	KEL Kundara	25-30 June 2016	6	5	1,845
20	EEE	Internship - Btech S2 EEE	Internship	KEL Kundara	21-26 July 2016	5	1	369
21	EEE	Internship - Btech S2 EEE	Internship	KEL Kundara	18-22 July 2016	5	4	1,476
22	EEE	Internship - Btech S2 EEE	Internship	IRE Chavara	25-29 July 2016	5	5	1,475
23	EEE	Internship - Btech S2 EEE	Internship	IRE Chavara	19-23 July 2016	5	4	1,180
24	EEE	Internship - Btech S2 EEE	Internship	IRE Chavara	20-24 July 2016	5	5	1,475
25	EEE	Internship - S8 EEE	Internship	Kudamkulam nuclear power plant	23 -27 May 2016	5	9	13,701
26	EEE	Internship – S8 EEE	Internship	Kakkad power station	26 -30 Dec 16	5	9	3,402
27	CSE	Internship – S4 CSE	Internship	White Oval, Tec.,Technopark TVM,	18 – 28 June 16	11	8	3,910

					IRE Chavara	20 – 24 June 16	5	15	4,331
					KELTRON Kozhikode	21 June – 7 July 16	17	1	1,128
					KELTRON Kannur	20 – 26 June 16	6	2	1,760
					AIPCT Cochin	11 – 25 June 16	14	2	1,722
28	ECE	Internship – S2 CSE		Internship	KELTRON , Kathirakadavu	20 – 30 July 16	11	10	6,990
					KEL Kundara	18 – 22 July 16	5	6	2,130
					KMML, Chavara	1 – 7 July 16	7	9	3,870
					KMML, Chavara	1 – 11 July 16	7	1	630
					BSNL, Allapuzha	11 – 16 July 16	6	1	409
					BSNL, Allapuzha	27 June16– 2 July 16	7	4	1,436
					RTTC, Kaimanom, TVM	27 June16– 2 July 16	7	1	469
					Noratel India power components PVT. Ltd	29 June16– 4 July 16	6	1	469
Total									**4,98,554**

Decision: The BOG took note and ratified the expenditure incurred, Rs. 4,98,554 for the programmes conducted under IIIC post the last BoG meeting as per rules.

2.7 Ratification of accreditation fee paid for two PG Programmes

The institution has remitted the fees for NBA accreditation as per the requirements of TEQIP-II for the two PG Programmes that are eligible to apply for accreditation. The details of the fee paid are given below.

Sl No	Name of PG Programme	Department	Amount paid (Rs)
1	M.Tech in Signal Processing	Electronics and Communication Engineering	5,75,000
2	M.Tech in Image Processing	Computer Science and Engineering	2,30,000
Total			**8,05,000**

Decision: The BOG took note and ratified the expenditure of Rs. **8,05,000** for the accreditation fee paid for two PG Programmes programmes.

2.8 Ratification of programmes conducted under students support

Soft Skill Training Programme conducted

Soft Skill Training programmes were conducted for all the batches of students. The details of the programmes conducted and the expenditure details are given below.

Programmes conducted					
Sl No	Class	Name of the Programme	Number of days	Date	Expenditure
1	S6 BTech CS and IT	Getting ready for placement	5	3,4,5,10,11 Feb 2017	51,656
2	S6 BTech EEE	Getting ready for placement	5	3,4,5,10,11 Feb 17	53,882
3	S6 BTech ECE	Getting ready for placement	5	3,4,5,10,11 Feb 17	55,461
4	Final year B Tech EEE, EC, CS	Aptitude test Training	4	20, 21, 25, 26 Feb 2017	1,29,555
5	M Tech First Year CS and EC	Aptitude test Training	4	20, 21, 25, 26 Feb 2017	90,367

Sl.No					
6	S6 BTech CSE	Motivation and counselling	2	26 , 27 Feb 2017	12,840
7	First year BTech EEE	Motivation and counselling	2	17, 18 Feb 17	22,,574
8	BTtech S8 CSE	Soft skill training	2	22 March 17-23 March 17	20,200
9	BTech S4 CS	Soft skill training	2	22 March 17-23 March 17	20,140
10	BTech S6 EEE	Project oriented training programme	3	20,22,27 Feb 2017	40,010
Total					**4,96,685**

Decision: The BOG took note and ratified the expenditure of Rs. 4,96,685 for the Soft Skill Training Programme conducted under students support.

2.9   Expenditure incurred under IOC-Ratification

The expenditure incurred under IOC post the last BOG meeting is Rs**. 3,41,899**/-. This amount is due to Salaries of TEQIP staff, Consumables purchased for TEQIP cell and other departments, and Operation and Maintenance charges. The details are given in the table below.

Table: Expenditure incurred under IOC

Sl. No	Item	Amount (Rs)
1	Salary for TEQIP Staff	2,43,659
2	Consumables	
	(a) Purchase of toner catridge	1,600
	(b) Purchase of First aid items for Mechanical workshop	998
	(c) Purchase of wooden pieces for for Mechanical workshop	10,018
	(d) Battery Water	3,200
3	Operation and Maintenance	
	(a) BOG 11	31,082
	(b) Repairing charge - AC	4,800
	c) Post Procurement Review Meeting	46,542

	Total			3,41,899

Decision: The BOG took note and ratified the expenditure of Rs. 3,41,899 under IOC.

Part 3
Reports

3.1 Summary of Expenditure as on 27 July 2017

The summary of expenditure as on 27.07.2017 is as below.

Total Fund Received: Rs.1000 Lakhs,   **Interest accrued: Rs 16.17 Lakhs**

Sr.No.	Expenditure Name	Expenditure Upto 28th Feb 2017 (Rs in Lakhs)	Expenditure From 1 March 2017 – 27th July 2017 (Rs in Lakhs)	Cumulative Expenditure upto 27th July 2017 (Rs in Lakhs)
1	Procurement	557.79	0	557.79
2	Providing Assistantships for Increased enrolment in existing and new PG Programmes in Engineering Disciplines	135.74	5.15	140.89
3	Enhancement of Research and Development and Institutional Consultancy Activities	20.86	0.57	21.43
4	Faculty and staff development for improved competence based on Training Needs Analysis(TNA)	157.19	16.14	173.33
5	Enhanced Interaction with Industry	11.68	4.73	16.41
6	Institutional Management Capacity enhancement	6.65	0.67	7.32
7	Implementation of Institutional reforms	8.99	8.05	17.04
8	Academic support for weak students	15.59	4.84	20.43
9	Incremental Operating Cost	56.38	4.05	60.43
	Total	**970.87**	**44.2**	**1015.07**

The detailed expenditure status is as given in the Table below.

Category of expenditure (Head of expenditure)	Sub-Activity	Cumulative Exp. Up to 27.07.2017	Committed Exp. for the remaining period upto (31.07.2017)	Total cumulative expenditure upto 31.07.2017
(1)	(2)	(3)	(4)	(5 = 3 + 4)
Procurement	Expenditure on ICT enabled learning, related softwares & hardware.	0.00		0.00
	Expenditure on New laboratory for new PG programs	3.49		3.49
	Expenditure on New laboratory for existing PG programs	64.26		64.26
	Expenditure on Existing laboratories modernized/Strengthened	233.20		233.20
	Expenditure on Library i.e. books, e-books, journals, e-journals course specific softwares	52.65		52.65
	Expenditure on membership of online journals & consortium	0.00		0.00
	Expenditure on digitally/virtually accessible courses/subjects	0.00		0.00
	Expenditure on Modernising Classrooms	12.97		12.97
	Expenditure on Procurement of Equipments etc. for Institutes/ TEQIP unit.	143.35		143.35
	Expenditure on Civil Work	47.86		47.86
	Others. (Specify if Material)	0.00		0.00
Total		**557.79**	**0.00**	**557.79**
Assistantships	Expenditure on Masters students enrolled with TEQIP teaching assistantship	140.89	0.0	140.89
	Expenditure on PhD Students enrolled with TEQIP research assistantship	0.00		0.00
	Others. (Specify if Material)	0.00		0.00
Total		**140.89**	**0.0**	**140.89**
R&D	Expenditure incurred on Research projects taken by UG/ PG students	0.00		0.00
	Expenditure incured on research publications in engineering in refered journals	0.34		0.34
	Expenditure on Organising Conferences for R & D Topics	13.81		13.81
	Expenditure on Patenting of Research Products	0.00		0.00
	Others. (Specify if Material)	7.27		7.27

Total		**21.43**	**0.00**	**21.43**
FSD	Expenditure on Faculty with B Tech enrolled for M Tech against total B Tech faculty	2.52		2.52
	Expenditure on Faculty with M Tech enrolled for PhD in engineering against total M Tech faculty	2.80		2.80
	Expenditure on faculty members attended training in subject domain	109.03		109.03
	Expenditure on faculty members attended pedagogical training	5.81		5.81
	Expenditure on organising inhouse subject area training Programs/ Workshops/ seminars / conferences / continuing education programs.	29.19		29.19
	Expenditure on paticipation by faculty in Seminar/ Confrences/ workshop etc.	14.41	0.0	14.41
	Expenditure on staff development	9.38		9.38
	Others. (Specify if Material)	0.19		0.19
Total		**173.33**	**0.0**	**173.33**
I-I-I- Cells	Expenditure on academic Programs i.e. MTech/PhD etc. with industry	0.00		0.00
	Expenditure on short term programs with industry	8.44		8.44
	Expenditure on academic networking with other institutions	0.00		0.00
	Expenditure incurred on Campus placements (UG & PG)	0.00		0.00
	Expenditure on UG Students attended industrial internship	0.72	0.0	0.72
	Others. (Specify if Material)	7.25	0	7.25
Total		**16.41**	**0**	**16.41**
Capacity Development	Expenditure on Sr. Officials & Sr. faculty attended management development training	6.41		6.41
	Others. (Specify if Material)	0.91		0.91
Total		**7.32**	**0.00**	**7.32**
Reforms	Expenditure on accredition fee for NBA	17.04		17.04
	Expenditure incurred on Autonomous Institution status concurred by UGC	0.00		0.00
	Expenditure on Curricula revision/restructuring	0.00		0.00
	Others. (Specify if Material)	0.00		0.00
Total		**17.04**	**0.00**	**17.04**

Student support	Expenditure on students transition from first year to second year of UG Programs (clearing all subjects /courses of 1st year in first attempt)	3.95		3.95
	Others. (Specify if Material)	16.49	0	16.49
Total		**20.43**	**0**	**20.43**
IOC		60.43	1.1	61.53
Grand Total		**1015.07**	**1.1**	**1016.17**

Decision: The BOG took note of the expenditure under various heads.

3.2   Report on Staff Student Satisfaction Survey

NPIU and MHRD had conducted the second round of Web based Student, Faculty and Staff satisfaction survey of the implementation of TEQIP II activities in the Institutions in DEC 2016. The compiled reports of the satisfaction survey were shared with the Institutions. This report contains the Student, Faculty and Staff's satisfaction level of the institute and that is compared with State and National satisfaction indices.

Decision: BoG went through the Staff Student Satisfaction Survey and appreciated college for their laudable efforts. Committee congratulated all members of the college for their committed works and acquiring 5th position among the 19 TEQIP funded colleges. Committee noticed that this achievement was achieved with much limited strength of staff and faculty compared with other colleges.

3.3 Approval of Project Completion report

SPFU asked the TEQIP institutions to submit the TEQIP project completion report in the prescribed format after ratifying all the expenditure incurred while implementing the project by the BoG. A draft report in the prescribed format is submitted for discussion.

Decision: BoG discussed and approved the report.

Part 4

Any Other item with the permission of the chair

4.1   Utilization of four funds and engaging a staff: Procedure for the utilization of four funds is not yet decided. TEQIP coordinator clarified that college have 26.29 lakhs distributed among four funds to a query raised by the Director IHRD.

The BoG insisted that the utilization of Four Fund should be as per GO. BoG discussed the need for continuing one TEQIP staff and decided to do as per TEQIP norms.

TEQIP coordinator Dr. Ajil Kumar thanked the committee members. As per guidelines it was decided to have the next BoG in 6 months. The meeting came to an end at 12.30P.M

Dr.V P N Nampoori   **Dr.Jaya V L**
   Chairman   **Principal**