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# Minutes of Ninth Meeting of Board of Governors TKM College of Engineering, Kollam TEQIP II

**Venue:** Conference room

**Date:** 18/02/2016

**Time:** 10:30 am

## Members Present

1	<b>Shri Shahal Hassan Musaliar</b> Member, National Minority Commission, Government of India, Member, IT Infrastructure Board, Govt. of Kerala	Chairperson
2	<b>Prof. M. Salihu</b> Former VC, Madurai Kamaraj University	Member
3.	<b>Shri. M. Sherif</b> Addl. Secretary, Higher Education, Govt. of Kerala	Member
4.	<b>Shri. James Joseph</b> Joint Secretary, Finance Department, Govt. of Kerala	Member
5.	<b>Dr. K. P Sudheer</b> Mentor, TKMCE	Special Invitee
6	<b>Dr. V. Gopa Kumar</b> Director , SPFU, Kerala	Member
7	<b>Dr. K Gopa Kumar</b> Professor, ECE, TKMCE	Member
8	<b>Dr. Imthias Ahamed T.P</b> Professor, EEE	Member
9	<b>Dr. S. Ayoob</b> Principal ,TKMCE	Member

The following members of the BoG conveyed their inability to attend the meeting.

1. Dr. Babu T Jose
2. Er. Haroon
3. Dr. JayaPrakas (University Nominee)
4. AICTE Nominee

Also present

1. Prof. U Rasheedkutty, TEQIP Coordinator
2. Dr. Jose prakash , Academic Coordinator
3. Dr. Reebu Zachariah Koshy , Procurement Coordinator
4. Prof. Gayathri. V, Finance Coordinator
5. Dr. S. Jose, IIC Coordinator
6. Prof. Sree Kumari Amma, EAP Coordinator
7. Prof. Mohammed Asim. Civil works Coordinator
8. Dr. Udaya Kumar, Academic Reforms Coordinator
9. Dr. Manzoor Babu , Library Modernization Coordinator

# Agenda Items

## Part 1-Procedural

<u>Sl. No</u>	<u>Items</u>	
1.1	Confirming the Minutes of the 8 <sup>th</sup> Meeting of the Board of Governors held on 31/08/2015 at TKM College of Engineering.	
1.2	Report on the action taken/action pending on the pertinent decisions in the Minutes of the 8 <sup>th</sup> Meeting of the Board of Governors held on 31/08/2015 at TKM College of Engineering.	

## Part 2-Ratifications and Approvals

<u>Sl. No</u>	<u>Items</u>	
2.1	Approval/Ratification of Purchase orders issued since last BoG meeting	
2.2	<b>Civil work packages</b>	
2.3	Procurement Status of all packages	
2.4	Approval / Ratification of the various Academic programs conducted/attended by faculty and staff.	
2.5	Ratification of expenses incurred International conferences attended within India	
2.6	Details of faculty publications in International journal using TEQIP assistance	
2.7	Quality Upgradation - Ratification	
2.8	Details of Academic Activities planned	
2.9	R & D Activities : Proposals for approval of Research Seed Money	
2.10	IIIC Activities	
2.11	Report of programmes under EAP	



### Part 3-Reports

<u>Sl. No</u>	<u>Items</u>	
3.1	ITSS Travel report by Prof. Muhammed Siddik A	
3.2	Report on International Conference conducted by Department of Mechanical Engineering	
3.3	Report on International Conference conducted by Department of Civil Engineering	
3.3	Status of Fund utilization as on 10.02.2016	

### Part 4- Any other items

<u>Sl. No</u>	<u>Items</u>	
4.1	Reimbursement of fee paid for NAAC Accreditation	
4.2	Explanation from the coordinator of the International conference conducted by Department of Chemical Engineering.	
4.3		
4.4		





The Meeting of the Board of Governors started at 10:30 am with silent prayer . Sri. Shahal Hassan Musaliar,Chairman BoG chaired the meeting and welcomed all members.

## **PART 1** **PROCEDURAL**

**1.1: Confirming the Minutes of the 8<sup>th</sup> Meeting of the Board of Governors held on 31-08-2015 at TKM College of Engineering.**

The BoG confirmed the minutes of 8<sup>th</sup> BoG Meeting held on 31/08/2015.

**1.2: Report on the Action taken/Action pending on the pertinent decisions in the Minutes of the 8<sup>th</sup> Meeting of the Board of Governors held on 31-08-2015 at TKM College of Engineering.**

The BoG noted the actions taken as reported in the agenda items on the decisions of 8<sup>th</sup> BoG meeting held on 31/08/2015. The decision and actions taken are as follows.

Sl. No.	Decision /Comments	Action Taken
1	Decided to sent the ITSS application of Prof. Gouri Antherjanam, Dr. Saraswathy B and Prof. Adarsh S for clarification of settlement to the SPFU	Sent the application and details to SPFU for clarification
2	Decided to seek explanation from coordinator of International Conference conducted by chemical Engineering Department for settlement of accounts.	Explanation submitted by Coordinator - included in this meeting

SPFU Director informed that ITSS application of Prof. Gouri Antherjanam, Dr. Saraswathy and Prof Adarsh S was approved by BoG and government for paper presentation at Zurich only . Hence the BoG decided to settle the accounts for the travel to Zurich only.

BoG discussed in detail about the explanation presented by the coordinator of the international conference conducted by Department of Chemical Engineering. After deliberations BoG decided to allocate 30% increase in the planned amount as a special case, considering the output of the conference.

## PART 2

### RATIFICATIONS AND APPROVALS

#### 2.1: Approval/Ratification of Purchase orders issued since last BoG meeting

Procurement coordinator explained that the purchase order for 'Diesel Genset' was given to Spark Associates, who quoted the least amount of Rs.1129000/- (Rupees Eleven Lakh Twenty Nine Thousand Only). Accordingly BoG ratified the purchase order.

#### 2.2 Status of Civil work packages

BoG noted status of following civil works packages.

Sl no	Name of work	Package no	Estimate amount (Rs)	Above / below	Quoted amount (Rs)	Agreement date	Extension date	Status	Amount Paid (Rs)
1	Extension works of buildings	TEQIP II/ KL/KL1G15/ 118	721697	3.12% below	699180	02.05.2014 – 28.08.2014	31.03.2015, 30.09.2015	Completed	695050
2	Civil works in Central Library	TEQIP II/ KL/KL1G15/ 116	501437	14% above	550327	17.08.2015 – 16.10.2015	28.02.2016	60 % Completed	275160

Serial No. 1 TEQIP II/ KL/KL1G15/ 118: BoG approved Extension works of buildings for Rs 695050.-

Serial No. 2 TEQIP II/ KL/KL1G15/116 BoG approved the extension of Civil works in Central Library to 28.02.2016

#### 2.3 Procurement Status of all packages

BoG examined the procurement status and directed to limit the procurement within Rs 550 lakhs including minor civil works.

#### 2.4 Ratification of the various Academic programs conducted/attended by faculty and staff.

##### 2.4.1 Faculty Development Programme: In-house

BoG ratified the following academic programs conducted by the faculty within the institute.

Sl. No.	Title of the Programme	Department	Duration and Date	Co-ordinator/s	No. of Participants			Estimated/ Actual Expenditure (Rs)	IRG (Rs)
					Internal	External	Total		
1	FDP on power system operation	EEE	5 adys 25.11.2015 to 01.12.2015	Prof. Nowshad A Prof. Mohammed Mansoor O	20	25	45	105250	9500



2	Computer vision and video analytics	ECE	5 days 14.12.2015 to 18.12.2015	Prof. Reshna S Prof. Sajeena A	25	40	65	135246	27500
3	FDP on Machine learning and natural language processing	CSE	5 days 04.01.2016 to 08.01.2016	Prof. Aneesh G Nath	25	20	45	162000	20500
4	FDP on Renewable energy policies and priorities	Chemical	6 days 30.11.2015 to 05.12.2015	Dr. K B Radhakrishnan Prof. Fazil A	48	16	64	211500	9000
5	FDP on Mathematical challenges in cyber security	Mathematics	6 days 04.01.2016 to 09.01.2016	Dr. Geetha K Dr. Nadera Beevi	20	30	50	180000	9000

#### 2.4.2 Faculty Development Programme attended outstation by faculty

Sl. No	Name of Faculty	Department	Title of the Programme	Institution	Duration and Date	Estimated/actual amount (Rs)
1	Dr. Sudhy Mary Kurian	CE	FDP on Research Methodology	College of Engineering, Adoor	5 days 16.11.2015 to 20.11.2015	2425
2	Prof. Sudheer A	ME	Entrepreneurship mentor development workshop for faculty members under KTU	ENCUBE Labs, Chirayinkal, Trivandrum	7 days 19.10.2015 to 25.10.2015	101750
3	Prof. P Shajahan	ME	Advancing Research in Management	IIT, Delhi	3 days 03.12.2015 to 05.12.2015	43400
4	Dr. C A Shajahan	ME	Make in India : Innovative product design	IIT, Delhi	5 days 14.12.2015 to 18.12.2015	35000
5	Prof. V Gayathri Prof. Sofiya S	EEE	STTP on Robotics and Embedded system	Govt. Engineering College, Barton Hill, Trivandrum	6 days 30.11.2015 to 05.12.2015	7317
6	Prof. Krishnachandran Smt. Sidhika Beevi	EEE	Industrial familiarization programme for faculty	PETARC, Moolamattom	3 days 11.01.2016 to 13.01.2016	22558

7	Dr.Imthias Ahammed Prof. V Gayathri Dr. K Bijuna Kunju Prof. S Shyba Prof. Sunitha Beevi K Prof. Shahina T N	EEE	Internet of things workshop	IEEE, Kerala Section Muscot Hotel, TVM	1 day 10.12.2015	35350
8	Prof. Reshna S Prof. Sajeena A Prof. Ajitha S S Prof. Sunitha Beevi K	ECE	Workshop on machine learning algorithms	College of Engineering, Perumon	5 days 16.11.2015 to 20.11.2015	6425
9	Prof. Nishanth N	ECE	Two weeks short course on certified ethical hacking	IIITM, Trivandrum	12 days 23.11.2015 to 04.12.2015	28974
10	Dr. K Gopakumar	ECE	Workshop on Outcome Based Education and NBA Accreditation	College of Engineering, Kidangoor	3 days 10.12.2015 to 12.12.2015	17500
11	Prof. Reshma Sheik	CSE	STTP on Big data analysis using apache spark and Map reduce	CUSAT, Cochi	5 days 16.11.2015 to 20.11.2015	3356

BoG ratified the list of faculty attended faculty Development Programme outstation

### 2.4.3 Faculty members attended 'Pedagogical Training' at IIT Madras

Sl. No	Name of Faculty	Department	Duration and Date	Estimated/ actual amount (Rs)
1	Prof. Manikandan P M Dr. Nazar J	Chemical ME	3 days 03.11.2015 to 05.11.2015	18486
2	Dr. Imthias Ahammed T P	EEE	3 days 16.11.2015 to 18.11.2015	12311

BoG ratified the list of faculty attended 'Pedagogical training at IIT Madras'.



## 2.4.4 Staff Development Programmes attended outstation by Staff

Sl.No	Name of Staff	Department	Title of the programme	Duration and Date	Venue	Estimated/ actual amount (Rs)
1	Sri. Subin Basheer Sri. Yohannan Kutty D	ME	Industrial hydraulics and pneumatics	5 days 07.09.2015 to 11.09.2015	GPTC, Kalamassery	29600
2	Sri. Shahudeen Kunju Sri. Abdul Nazar J	CSE	STTP on Computer security	3 days 25.11.2015 to 27.11.2015	RIT, Kottayam	13500
3	Sri. Shahudeen Kunju	CSE	STTP on IP Network Configuration, Management and Security	5 days 11.01.2016 to 15.01.2016	CET, Trivandrum	8420

BoG ratified the list of staff attended staff Development Programme outstation

## 2.5 Ratification of Expenses incurred with International conferences attended within India.

BoG ratified the participation of following faculty in International conferences in India.

Sl.No	Name of Faculty	Department	Title of the Conference	Duration and Date	Institution	Estimated/ Actual Amount
1	Dr K K Abdul Rasheed	ME	3 <sup>rd</sup> International Conference on Modeling and Simulation in Civil Engineering	3 days 09.12.2015 to 11.12.2015	TKMCE	5000
2	Prof. P Shajahan	ME	98 <sup>th</sup> Annual conference of the Indian economic association	3 days 27.12.2015 to 29.12.2015	Centre for Economic and Social Studies (Cess), Hyderabad	30000
3	Dr. K K Abdul rasheed Prof. Nizar Hussain Prof. Hashim V Prof. Sheeba A	ME	International Conference on Aerospace and Mechanical Engineering	3 days 14.12.2015 to 16.12.2015	TKMCE	14000
4	Prof. Sajida Razaque Prof. Chinsu Mareena Joy Dr. Saraswathy B Prof. Sulphia Beevi U Dr. Anitha Joseph	CE	3 <sup>rd</sup> International Conference on Modeling and Simulation in Civil Engineering	3 days 09.12.2015 to 11.12.2015	TKMCE	25000



5	Prof. Fazil A Prof. Saibi R	Chemical	International Conference on Advances in Chemical Engineering	3 days 20.12.2015 to 22.12.2015	NITK, Surathkal	19300
6	Dr. Sheeba O	ECE	3 <sup>rd</sup> International Conference on communications, electrical, electronics and computer	1 day 24.08.2015	Cochin	4000



**2.5.1 Ratification of Expenses incurred for presenting papers in Conferences within India by students.**

Sl. No	Name of Student	Department	Title of the Conference	Duration and Date	Institution/ Venue	Estimated/ Actual Amount
1	Subin Joseph (PG Student)	ECE	IEEE MTT-S International Microwave and RF Conference	3 days 10.12.2015 to 12.12.2015	Hyderabad	17000
2	Neethu Raj P (PG Student)	ECE	3 <sup>rd</sup> International Conference on Control, Communication & Computing	3 days 19.11.2015 to 21.11.2015	CET, Trivandrum (Mascot Hotel, Trivandrum)	7500
3	Amal K A (PG Student)	ECE	3 <sup>rd</sup> International Conference on Control, Communication & Computing	3 days 19.11.2015 to 21.11.2015	CET, Trivandrum (Mascot Hotel, Trivandrum)	7500
4	Shyma M (PG Student)	ECE	3 <sup>rd</sup> International Conference on Control, Communication & Computing	3 days 19.11.2015 to 21.11.2015	CET, Trivandrum (Mascot Hotel, Trivandrum)	7500
5	Ansa Shermin (PG Student)	ECE	3 <sup>rd</sup> International Conference on Control, Communication & Computing	3 days 19.11.2015 to 21.11.2015	CET, Trivandrum (Mascot Hotel, Trivandrum)	7500
6	Jnana N J (PG Student)	ECE	3 <sup>rd</sup> International Conference on Control, Communication & Computing	3 days 19.11.2015 to 21.11.2015	CET, Trivandrum (Mascot Hotel, Trivandrum)	7500
7	Arun M (Ph.D Scholar)	ME	International Conference on Aerospace and Mechanical Engineering	3 days 14.12.2015 to 16.12.2015	TKMCE	2500
8	Arun Jose Tom (PG Student)	ME	International Conference on Aerospace and Mechanical Engineering	3 days 14.12.2015 to 16.12.2015	TKMCE	2500

BoG approved the list of conference submitted for the approval and reminded that the amount from TEQIP can be given only for paper presentation, not for attending conferences.

**2.6 Details of faculty publications in International journals using TEQIP assistance**

Sl No	Name of Faculty	Title of the paper	Name of journal	Vol/Date	Expenditure (Rs)	Referred (Y/N)
1	Dr. Sheeba O	Image segmentation and analysis in the case study of macular degeneration using labview	IJEAT	Vol.3 December 2013	4000	Y

BoG ratified the assistance given. It was decided that hereafter TEQIP – II assistance will not be

offered to paid journals.

## 2.7 Quality Upgradation

Sl No	Name of faculty	Name of programme	Address of the research centre and university	Name and official address of the guide	Expenditure (Rs)
1	Prof. Manu J Pillai	Ph. D	NIT, Calicut	Dr. S D Madhu Kumar Associate Professor & head Dept. of CSE NIT, Calicut	23050

BoG ratified the payment of fee from TEQIP .

## 2.8 Details of Academic Activities planned

BoG left the decision to the academic committee of the TEQIP

### 2.8.1 Proposals for FDP/SDP/Conference/ Workshop/ Invited Lecture: (In-house)

Sl. No.	Title of the Programme	Department	Duration and Date	Co-ordinator/s	No. of Participants			Estimated Amount (Rs)
					Internal	External	Total	
1	FDP on Advancement in signal and image processing	ECE	6 days 06.06.2016 to 11.06.2016	Dr. K Gopakumar Prof. Shabeer S	25	15	40	120000
2	FDP on New trends in biomedical engineering	ECE	8 days 11.04.2016 to 18.04.2016	Dr. Sheeba O Prof. Ajitha S S	30	20	50	120000
3	FDP on VLSI and Signal Processing	ECE	6 days 18.07.2016 to 23.07.2016	Dr. T A Shahul Hameed Prof. Anu Assis	30	20	50	120000
4	FDP on Advances in communication	ECE	6 days 23.05.2016 to 28.05.2016	Prof. Heera Karunakaran Dr. SHEeba O	25	20	45	120000
5	FDP on Safety and Environmental management system	Chemical	March 2016	Prof. Mary Mathew Prof. Shan S	30	20	50	200000
6	FDP on Advances in polymers and composite materials	Chemical	April 2016	Prof. Saibi R Prof. Adil Muhammed	30	20	50	200000
7	FDP on Analytical techniques for chemical engineering applications	Chemical	August 2016	Dr. K B Radhakrishnan Prof. Fazil	30	20	50	200000



8	Workshop on MATLAB tools for control system design	ECE	1 day 23.03.2016	Prof. Ajitha S S	25	10	35	23000
9	Workshop on Micro strip Antennas	ECE	February 2016	Dr. Sheeba O	20	20	40	23000
10	Workshop on Syllabus Revision	ECE	February 2016	Prof. Sreekumariamamma	35	20	55	23000
11	Workshop on Nano Material Synthesis	Chemical	April 2016	Prof. Fazil A	20	13	33	50000
12	Workshop on Heterogeneous reaction kinetics	Chemical	June 2016	Prof. Mary Mathew	20	13	33	50000
13	Workshop on Chemical engineering academia-industry alignment. Tuning of curriculum to meet expectation about fresh graduates	Chemical	July 2016	Dr. K B Radhakrishnan	20	13	33	50000
14	Workshop on Advances in Fermentation techniques	Chemical	Aug 2016	Prof. Saibi R	20	13	33	50000
15	Workshop on Applications of CFD in chemical engineering	Chemical	September 2016	Prof. Manikandan	20	13	33	50000
16	Seminar on Soft skill development	ECE	1 day 20.02.2016	Prof.Najia A	15	15	30	23000
17	Seminar on Professional Ethics	ECE	February 2016	Prof.Abid Hussain	20	10	30	23000
18	Seminar on DSP processors and applications	ECE	1 day 19.03.2016	Dr.K.Gopakumar	25	15	40	23000
19	Seminar on Image Processing Techniques	ECE	February 2016	Prof.Sajeena A	20	10	30	23000
20	Seminar on Self Awareness & Integral Education	ECE	April 2016	Dr.Sheeba O	20	20	40	23000
21	Expert lecture on Nanotechnology –Latest trends in the field of energy	ECE	February 2016	Prof. Anu Assis	25	15	40	23000

22	Expert lecture on Applications of Statistical Signal Processing	ECE	March 2016	Prof. Heera Karunakaran	30	15	45	23000
23	Expert lecture on VLSI	ECE	March 2016	Dr. T A Shahul Hameed	30	15	45	23000
*24	International Conference on Speech and Signal Processing	ECE	September 6-8, 2016	Dr. Sheeba O Prof. Reshna S Prof. Nishanth N	40	10	50	*600000
25	FDP on Special Machines and Drives	EEE	6 days First week of June(30 <sup>th</sup> May to 4 <sup>th</sup> June)	Prof.V.Gayathri Prof.ShahinaT. N. Prof.Sofiya S.	30	30	60	120000
26	FDP on Soft Skills and Professional Ethics	EEE	6 days Third week of June	Dr. C. Usha Devi Amma,	30	30	60	120000
* 27	FDP on Geometric and Graph Algorithms	CSE	6 days April 2016	Dr. Chithraprasad	25	15	40	*450000
*28	FDP on Network Security	CSE	6 days June 2016	Dr. Manu J Pi Ilai	25	15	40	*300000
*29	FDP on Recent Trends towards Research	CSE	6 days July 2016	Prof. Ansamma John	30	20	50	*300000
30	Expert lecture on Advanced Distributed Systems	CSE	2 days February 2016	Prof. Ananthapadmanabhan	Faculty – 40 Students - 20		60	25000
31	Expert lecture on Bioinformatics	CSE	2 days March 2016	Prof. Reshma Sheik	Faculty – 40 Students - 20		60	25000
32	Expert lecture on Big data Analytics	CSE	1 day March 2016	Dr. Manu J Pillai	Faculty – 40 Students - 20		60	25000
33	Workshop on Curriculum Design for KTU	CSE	2 days February 2016	Dr. Chithraprasad D	Faculty - 60		60	30000



34	FDP on Optimisation: Methods and Applications in Engineering	ME	6 days June/July 2016	Prof. Mathew Skaria and Prof. H.Sharos	20	20	40	100000
35	FDP on Thermal Management of Electronic Systems	ME	12 days June 2016	Prof. Sheeba and Prof. Leena	25	15	40	150000
36	FDP on Solid Mechanics Applied to Mechanical Engineers	ME	12 days May/June 2016	Dr. S.Jose and Dr. Aju Kumar.V.N	25	15	40	150000
37	FDP on Alternate fuels in IC engines	ME	5 days June 2016	Dr.J Nazer and Prof. T.S.Krishna Kumar	20	20	40	120000
38	FDP on Biomechanics	ME	5 days June 2016	Prof. V. Hashim and Prof.Resmi.SL	25	20	45	120000
39	FDP on Superconductivity and its applications	ME	5 days April 2016	Prof. Jesna Mohammed And Dr. KE Reby Roy	20	20	40	120000
40	SDP on Industrial Safety	ME	2 days June 2016	Prof.T.S.Krishna Kumar and Prof.Sharos.H	15	10	25	50000
41	SDP on CNC Programming	ME	3 days April 2016	Prof. Ahammed Vazeem and Mr.Yohannan Kutty	20	10	30	60000
42	SDP on Computer Integrated Manufacturing	ME	2 days August 2016	Prof. T.S.Krishnakumar and Mr.Yohannan kutty	15	10	25	40000
43	FDP on Tropical Landscape Design	CE	6 days 29.02.2016 to 05.03.2016	Dr. B Sunil Kumar Dr. Santhosh Kumar K G Prof. Ayyappan K A	60	30	90	200000
44	Advancements in Concrete Technology, Construction and Special Concretes	CE	6 days 27.06.2016 to 02.07.2016	Dr. Nazeer M	8	22	30	200000



*45	IEEE International Conference on Signal Processing, Informatics, Communication and Energy Systems	EEE	3 days 20.10.2016 to 22.10.2016	Dr. Bijuna Kunju K	National – 90 International - 10	100	*1100000
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BoG left the decision to the academic committee of the Institute for the Academic Activities to be conducted in the subject domain and directed to ensure more participation from other institutions. Also the BoG suggested that the printed brochure of international conference should have been brought out before one year of the program

### 2.8.2 Faculty Development Programme to be attended outstation by faculty

Sl. No	Name of Faculty	Department	Title of the Programme	Institution	Duration and Date	Estimated/actual amount (Rs)
1	Prof. Manikandan P.M	Chemical	Certificate course in Piping Engineering a	IIT Bombay	11 days May 2016	100000
2	Prof. Fazil A, Prof. Manikandan P.M & Prof. Saibi R	Chemical	Advanced Clean Fuel Technologies & Alternative Energy Systems	IIT, Guwahati	5 days March 2016	150000
3	Dr.K.BRadhakrishnan, Prof. Fazil A & Prof. Shan S	Chemical	Engineered Nano Materials, Synthesis, Application and Environmental Impact	IIT, Guwahati	5 days May 2016	150000
4	Prof. Shan S	Chemical	Industrial Catalytic Technology	NIT, Jalandhar	5 days July 2016	50000
5	Prof. Adil Muhammed & Prof. Saibi R	Chemical	Sonoprocess Engineering	NIT, Warangal	5 days Feb 2016	50000
6	Prof. Mary Mathew, Prof. Adil Muhammed & Prof. Manikandan P.M	Chemical	Advanced Process Control	NIT Warangal	5 days March 2016	75000
7	Prof. Fazil A	Chemical	Multiple flows in oil and gas industry	IIT, Guwahati	5 days 07.03.2016 to 11.03.2016	42410

8	Dr. Bindu S Dr. M Sirajuddin Prof. Benny Joseph	CE	Workshop on Precast construction practices in India	IIT, Madras	2 days 12.02.2016 to 13.02.2016	43100
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BoG approved the FDP programs to be attended by the faculty and suggested to conduct such programs which may result in the revenue generation to the institution. Also BoG suggested to reactivate the continuing education programs in the institution.



### 2.8.3 International Conference to be attended within India

Sl.No	Name of Faculty	Department	Title of the Conference	Duration and Date	Institution	Estimated/ Actual Amount
1	Dr. K Gopakumar	ECE	2016 International Conference on Data Mining and Advanced Computing	3 days 16.03.2016 to 18.03.2016	SNGCE, Ernakulam	11300

BoG approved the list of faculty to attend International Conference within India.

### 2.8.4 International Conference to be attended abroad

Item lifted

### 2.8.5 Staff Development Programmes to be attended outstation by Staff

SI No	Name of Staff	Department	Name of course	Duration in weeks & month	Name of Institute	Estimated Amount (Rs.)
1.	Mr. Jayakumar K	ME	Quality control & Management	2, June 2016	Foremen Training Institute, Bangalore, Govt. of India	25000
2.	Mr. Rajesh S.	ME	Quality Control Circle	1, September 2016	Advanced Training Institute, Chennai, Govt. of India	20000
3.	Mr. Sabeer Khan M.	ME	Diagnosis , Repair & Maintenance of M.P.F.L Petrol Engine	2, July 2016	Advanced Training Institute, Chennai, Govt. of India	25000
4.	Mr. Abdul Latheef O	ME	Supervisory Development Programme	2, August 2016	Foremen Training Institute, Bangalore, Govt. of India	20000
5.	Mrs. Salija	ME	Awareness on ISO 9001:2008	1, September 2016	Foremen Training Institute, Bangalore, Govt. of India	20000
6.	Mr. Siyad S.M	ME	Diagnosis of latest Petrol & Diesel	2, September	Advanced Training Institute,	25000



			Engines	2016	Hyderabad, Govt. of India	
7.	Mr. Subin Basheer	ME	Basic programming & operation in CNC EDM (wire cut)	1, June 2016	Advanced Training Institute, Chennai, Govt. of India	20000
8.	Mr. Dimithra Raj.S	ME	Applications of Solid Works 2014 in Engineering Design02	2, June 2016	Advanced Training Institute, Chennai, Govt. of India	25000
9.	Mr. D. Raju	ME	Advanced Automotive Technology	1, July 2016	Advanced Training Institute, Hyderabad, Govt. of India	20000
10.	Mr. Sulfiker Ali	ME	Auto Electrical Maintenance	2, July 2016	Advanced Training Institute, Chennai, Govt. of India	25000
11.	Mr. Shihabudeen Kutty	ME	Advanced Automotive Technology	1, September 2016	Advanced Training Institute, Hyderabad, Govt. of India	20000
12.	Mr. Y. Muneer	ME	Training on CNC Lathe Machine for Turners	2, August 2016	Advanced Training Institute, Hyderabad, Govt. of India	25000
13.	Mr. Ashraf E.	ME	Training on CNC Lathe Machine for Turners	2, June 2016	Advanced Training Institute, Hyderabad, Govt. of India	25000
14.	Mr. K.I. Anwar Mohammed	ME	Applications of Solid Works 2014 in Engineering Design02	2, September 2016	Advanced Training Institute, Chennai, Govt. of India	25000
15.	Mr. A. Abdul Majeed	ME	Advanced Automotive Technology	1, June 2016	Advanced Training Institute, Hyderabad, Govt. of India	20000
16.	Mr V. Kabeer	ME	Diagnosis of latest Petrol & Diesel Engines	2, June 2016	Advanced Training Institute, Hyderabad, Govt. of India	25000
17.	Mr. Sooraj A. Rasheed	ME	Repair & Maintenance of compressors	2, September 2016	Advanced Training Institute, Hyderabad, Govt. of India	25000
18.	Mr. T.K. Ahamadul Kabeer	ME	Repair and Maintenance of Diesel Engine	1, August 2016	Advanced Training Institute, Chennai, Govt. of India	20000
19.	Mr. K.P. Suresh Babu	ME	Machine Tools Maintenance	2, July 2016	Advanced Training Institute, Hyderabad, Govt. of India	25000
20.	Mr. K. Abdul Rehman	ME	Training on CNC Lathe Machine for Turners	2, August 2016	Advanced Training Institute, Hyderabad, Govt. of India	25000
21.	Mr. Dileef H	ME	Concepts Techniques & Practices of Metallography	2, September 2016	Advanced Training Institute, Chennai, Govt. of India	25000
22.	Mr. D Yohannankutty	ME	Pneumatic Controls	1, September	Foremen Training Institute,	20000

				2016	Bangalore, Govt. of India	
23.	Mr. Prasannan M	ME	Machine Tools Maintenance	2, June 2016	Advanced Training Institute, Hyderabad, Govt. of India	25000
24.	Mr. S. Alexander	ME	Maintenance of LMV ( Petrol, Diesel ) & car AC	2, July 2016	Advanced Training Institute, Chennai, Govt. of India	25000
25.	Mr. Y. Johnson	ME	CNC Turn Mill , Programming & Operation with Sinumerik 802 D SL Control System	2, September 2016	Advanced Training Institute, Chennai, Govt. of India	25000
26.	Mr. Reghunathan Pillai	ME	Repair & Maintenance of compressors	2, June 2016	Advanced Training Institute, Hyderabad, Govt. of India	25000
27.	Mr. Riswan Ahammed	ME	Maintenance of Heat Treatment Furnace and its Safety	1, June 2016	Advanced Training Institute, Chennai, Govt. of India	20000
28.	Mr. Naizam M	ME	Repair and Maintenance of Diesel Engine	2, August 2016	Advanced Training Institute, Chennai, Govt. of India	25000
29.	Mr. J. Sulaiman Kunju	ME	Electrical Maintenance & safety	2, July 2016	Foremen Training Institute, Bangalore, Govt. of India	20000
30.	Mr. Shibu Kumar P B	ME	Engineering Inspection & Precision Measurement	2, September 2016	Foremen Training Institute, Bangalore, Govt. of India	25000
31.	Mr. Biju G R	ME	Basic programming & operation in CNC EDM (wire cut)	1, September 2016	Advanced Training Institute, Chennai, Govt. of India	20000
32.	Mr. Yoosuf Kunju	ME	Maintenance of Pneumatic & Electro Pneumatic Control Systems	2, July 2016	Advanced Training Institute, Chennai, Govt. of India	25000
33.	Mr. Riyaz M	ME	High Pressure Pipe Welding - 6G	2, August 2016	Advanced Training Institute, Hyderabad, Govt. of India	25000
34.	Mr. Jaseem.A	ME	CNC Turn Mill , Programming & Operation with Sinumerik 802 D SL Control System	2, September 2016	Advanced Training Institute, Chennai, Govt. of India	25000
35.	Mr. Jayakumar K	ME	Material Testing & Heat Treatment	2, August 2016	Foremen Training Institute, Bangalore, Govt. of India	25000
36.	Mr. Rajesh S.	ME	SPC Stastical Process Control	1, September 2016	Advanced Training Institute, Chennai, Govt. of India	20000
37.	Mr. Sabeer Khan M.	ME	Non-destructive Testing	1, June 2016	Foremen Training Institute, Bangalore, Govt. of India	20000
38.	Mr. Abdul	ME	Awareness Course	1, August	Advanced Training	20000



	Latheef O		on CNC Machining	2016	Institute, Hyderabad, Govt. of India	
39.	Mrs. Salija	ME	CMM & its Application	1, September 2016	Advanced Training Institute, Chennai, Govt. of India	20000
40.	Mr. Siyad S.M	ME	Engineering Inspection & Precision Measurement	2, June 2016	Foremen Training Institute, Bangalore, Govt. of India	25000
41.	Mr.Subin Basheer	ME	Supervisory Development Programme	2, September 2016	Foremen Training Institute, Bangalore, Govt. of India	25000
42.	Mr. Dimithra Raj.S	ME	Engineering Inspection & Precision Measurement	2, July 2016	Foremen Training Institute, Bangalore, Govt. of India	25000
43.	Mr. D. Raju	ME	Compressor Maintenance	1, September 2016	Foremen Training Institute, Bangalore, Govt. of India	20000
44.	Mr. Sulfiker Ali	ME	Pneumatic Controls	1,July 2016	Foremen Training Institute, Bangalore, Govt. of India	20000
45.	Mr.Shihabudeen Kutty	ME	Compressor Maintenance	1,June 2016	Foremen Training Institute, Bangalore, Govt. of India	20000
46.	Mr. Y. Muneer	ME	CNC Milling - Programming	1, July 2016	Advanced Training Institute, Chennai, Govt. of India	20000
47.	Mr. Ashraf E.	ME	CNC Milling - Programming	1, July 2016	Advanced Training Institute, Chennai, Govt. of India	20000
48.	Mr. K.I.Anwar Mohammed	ME	Diagnosis of latest Petrol & Diesel Engines	2, August 2016	Advanced Training Institute, Hyderabad, Govt. of India	25000
49.	Mr.A. Abdul Majeed	ME	Compressor Maintenance	1,July 2016	Foremen Training Institute, Bangalore, Govt. of India	20000
50.	Mr. V.Kabeer	ME	Engineering Inspection & Precision Measurement	2, July 2016	Foremen Training Institute, Bangalore, Govt. of India	25000
51.	Mr. Sooraj A. Rasheed	ME	Auto Electrical Maintenance	2, September 2016	Advanced Training Institute, Chennai, Govt. of India	25000
52.	Mr. T.K. Ahamadul Kabeer	ME	Repair & Maintenance of compressors	2, August 2016	Advanced Training Institute, Hyderabad, Govt. of India	25000
53.	Mr. K.P.Suresh Babu	ME	Maintenance of Heat Treatment Furnace and its Safety	1,July 2016	Advanced Training Institute, Chennai, Govt. of India	20000
54.	Mr. K.Abdul Rehman	ME	CNC Milling - Programming	1, July 2016	Advanced Training Institute, Chennai,	20000



					Govt. of India	
55.	Mr. Dileef H	ME	Maintenance of LMV ( Petrol, Diesel ) & car AC	2, June 2016	Advanced Training Institute, Chennai, Govt. of India	25000
56.	Mr. D Yohannankutty	ME	Maintenance of Pneumatic & Electro Pneumatic Control Systems	2, July 2016	Advanced Training Institute, Chennai, Govt. of India	25000
57.	Mr. Prasannan M	ME	Maintenance of Heat Treatment Furnace and its Safety	1, June 2016	Advanced Training Institute, Chennai, Govt. of India	20000
58.	Mr. S. Alexander	ME	Electrical Maintenance & safety	2, July 2016	Foremen Training Institute, Bangalore, Govt. of India	20000
59.	Mr. Y. Johnson	ME	Metrology and Engineering Inspection	2, August 2016	Advanced Training Institute, Hyderabad, Govt. of India	25000
60.	Mr. Reghunathan Pillai	ME	Engineering Inspection & Precision Measurement	2, September 2016	Foremen Training Institute, Bangalore, Govt. of India	25000
61.	Mr. Riswan Ahammed	ME	Engineering Inspection & Precision Measurement	2, July 2016	Foremen Training Institute, Bangalore, Govt. of India	25000
62.	Mr. Naizam M	ME	Repair & Maintenance of compressors	2, July 2016	Advanced Training Institute, Hyderabad, Govt. of India	25000
63.	Mr. J. Sulaiman Kunju	ME	Engineering Inspection & Precision Measurement	2, September 2016	Foremen Training Institute, Bangalore, Govt. of India	25000
64.	Mr. Shibu Kumar P B	ME	Manufacturing of Components Using Special Machines ( CNC EDM - Wire Cut & Spark Erosion and Jig Boring & Jig Grinding )	2, August 2016	Advanced Training Institute, Chennai, Govt. of India	25000
65.	Mr. Biju G R	ME	Manufacturing of Components Using Special Machines ( CNC EDM - Wire Cut & Spark Erosion and Jig Boring & Jig Grinding )	2, June 2016	Advanced Training Institute, Chennai, Govt. of India	25000
66.	Mr. Yoosuf Kunju	ME	Metrology and Engineering Inspection	2, September 2016	Advanced Training Institute, Hyderabad, Govt. of India	25000
67.	Mr. Riyaz M	ME	Stainless Steel Welding using TIG and MIG and its Applications	2, July 2016	Advanced Training Institute, Chennai, Govt. of India	25000



68.	Mr. Jaseem.A	ME	Pneumatic Controls	1,June 2016	Foremen Training Institute, Bangalore, Govt. of India	20000
69.	Sri. K Jalaludeen Sri. Anzar P Y	Chemical	CNC Programme Basic Maintenance-Mechanical	1, March 2016	Advanced Training Institute, Hyderabad, Govt. of India	20000
70.	Sri. Aneesh Ayothmethalil	Chemical	CNC Programme Basic Maintenance-Mechanical	1, March 2016	Advanced Training Institute, Hyderabad, Govt. of India	10000
71.	K.Biju Mohammed Haneefa MM	EEE	AC/DC Motor and Control system Electrical Engineering	2, March 2016	Advanced Training Institute, Hyderabad, Govt. of India	60000
72.	K.Biju Mohammed Haneefa MM	EEE	Electrical Safety at work place and first aid	1, February 2016	Advanced Training Institute, Chennai, Govt. of India	30000

BoG approved the list of staff to attend staff development program outstation.

## 2.9 R & D Activities

### 2.9.1 Proposals for Approval of Research Seed Money

SI No.	Name of Faculty	Department	Name of Project	Amount
1	Prof. Hazeena R Prof. Benny Joseph	CE	Devolvement of Pre-fabricated Construction Units	150000
2	Prof. Adarsh S Prof. Muhammed Siddik A	CE	An investigation into the percolation of rainwater on permeable pavements using Rainfall simulator	150000
3	Dr. Dileep P N Prof. Sharos H	ME	Design and development of an Autonomous Vehicle with GPS navigation and ultrasonic collision avoidance system	132000
4	Prof. Resmi S L Prof. Jessin T A	ME	Experimental investigation on the mechanical behavior of femur bone under varying load	200000
5	Prof. Hashim V Prof. Rakesh Pillai	ME	Experimental Investigation on the Mechanical Behavior of Artery Stents	200000
6	Dr. Aju Kumar V N Prof. Krishnakumar T S	ME	Development of Lab facility for the production, Characterization and testing of Alternate Fuels for diesel engines	197800
7	Dr. Nizar Hussain Dr. Jose S	ME	Experimental Setup for the investigation of fracture properties of engineering materials	200000
8	Prof. Ahammed Vazim K A Prof. Syed Muhammed Fahd	ME	Effect of addition of Titanium nano particles on the Mechanical Properties of Centrifugally cast Aluminum alloy	99600
9	Prof. Jessin T A	ME	Domestic food waste composting	39720



	Prof. Thanooja		System	
10	Prof. Mohammed Iqbal P	ME	Natural gas hydrate formation and dissociation	75000
11	Dr. C A Shajahan Dr. Rijo Jacob Thomas	ME	Fabrication of Experimental setup for 3D Printing	64200
12	Dr. S Jose Dr. Rijo Jacob Thomas	ME	To study the effect of cryogenic treatment on high	271050
13	Prof. Mathew Skaria Dr. Rijo Jacob Thomas	ME	Experimental setup for testing the effectiveness of multi layer insulation(MLI) at cryogenic temperatures	192300
14	Dr. Shafi K A Dr. Rijo Jacob Thomas	ME	Investigatory study of Vacuum qualified materials	197500
15	Dr. Thilakan H Dr. Rijo Jacob Thomas	ME	Experimental performance assessment of a Novel Liquid Desiccant Air Conditioner (LDAC)	177000
16	Dr. Bijuna Kunju K Prof. Sindhu D Pillai	EEE	Investigations for the development of an indigenous Insulating Nanofluid	200000
17	Prof. Sindhu D Pillai Dr. C Usha Devi Amma Dr. Bijuna Kunju K	EEE	Feasibility study of micro wind turbines and Instrumentation schemes for renewable energy systems	200000
18	Dr. R Sheeba Dr. Imthias Ahammed T P Prof. Mohammed Mansoor O Prof. Sreerag K S	EEE	Design and implementation of Solar Fed Inverter with minimum harmonics	178000
19	Prof. Reshna S Prof. Sajeena A	ECE	Indian Sign Language recognize system for deaf and dumb people	200000
20	Prof. Nissan Kunju	ECE	Form based affordable Functional Electrical Stimulation (FES) to retain muscle bulk for people with spinal cord injury(SCI)	160000
21	Prof. Nishanth N	ECE	Smart Network for Women Security	180000
22	Prof. Nishanth N	ECE	AURA	140000
23	Prof. Nissan Kunju	ECE	Physiological Kinetic, and Kinematic assessment of disability and proposing therapeutic and rehabilitative aids	200000
24	Prof. Reshma Sheik Prof. Anamma John	CSE	Sentimental Analysis on various Domain	80000
25	Prof. Dimple A Shajahan Prof. Rehannara Beegum	CSE	High- Rise Building Boundary Tracing and Regularization from Lidar point Clouds	147000
26	Dr. Manu J Pillai Prof. Shameem Ansar A	CSE	Performance Improvements in Mobile and Wireless Networks – A Cross Layer Approach	197590
27	Dr. Usha Devi Amma C Prof. Fathima M Kassim	EEE	Ultrasound assisted needle steering robot and stiffness – assessment of soft – tissue mimicking phantoms	172000

BoG appreciated the proposals for approval of research seed money and emphasized the need for submitting at least one proposal to the funding agencies based on the research



## 2.10 IIC Activities

### 2.10.1 IIC Activities conducted since last BoG Meeting:

Sl No	Name	Department	Activity	Name of the Program/ Industry	Date	No .of participants	Estimated/ Actual Expenditure (Rs)
1.	Dr. Premlet B	Physics	Industrial visit	ARAI, Pune	01.12.2015 to 05.12.2015	1	92818
2.	Prof. Sheeba R Prof.Mohammed Mansoor O	EEE	Three day workshop	Effective management and maintenance of electrical supply system and UPS	07.12.2015 to 09.12.2015	Faculty – 5 Technical Staff - 35	74890
3.	11 PG Students	ECE	Industrial training	Dooradarshan Kendra, Thiruvananthapuram	04.05.2015 to 08.05.2015	11 PG ECE Students	14065 (TA & Registration Fee)
4.	7 PG Students	ECE	Industrial training	AAI, Trivandrum International Airport	18.05.2015 to 22.05.2015	7 PG ECE Students	2395 (TA & Registration Fee)
5.	Prof. Muhammed Siddik A	CE	Industrial visit	Water treatment plant, Aruvikkara	31.10.2015	*Faculty - 3 7 <sup>th</sup> Sem. UG Students - 130	43000 (TA & Refreshment)
6.	Dr. Seema K Nayar	CE	Invited lecture	HR Practices in Kochi Refineries Ltd	09.10.2015	Faculty – 1 Students - 22	4460
7.	Prof. Shanavas T N	EEE	Workshop	Power system simulation using ETAP-12	29.09.2015 to 30.09.2015	Faculty – 22 Technical staff – 11 Students - 117	30000
8.	Prof. Abid Hussain	ECE	One day seminar	Guidelines for mini project and product development	12.01.2016	Faculty - 10 Technical Staff- 4 Students -70	20400
9.	Dr. Unni C	ECE	Invited Talk	Engineering application of optical fiber security system	06.01.2016	Faculty – 17 Technical Staff – 5 Students - 70	10050
10.	Dr. Sudhy Mary Kurian	CE	Industrial Visit	Cheruthoni Dam, Idukki Dam	22.01.2016 to 24.01.2016	Faculty – 3 Students - 140	240000
11.	Dr. K B Radhakrishnan	Chemical	One day Workshop	Perspective, Prospects and problems in value addition of beach sand minerals	05.02.2016	Faculty – 30 Technical Staff – 5 Students - 150	32950

BoG ratified the list IIC Activities conducted since last BoG meeting

### 2.10.2 Professional Body Membership

SI No	Name of faculty	Department	Name of Professional Body	Expenditure (Rs)
1	Prof. Abid Hussain	ECE	Institution of Electronics and Telecommunication Engineers (IETE), The Institution of Engineers (India)	4925
2	Dr. K Gopakumar	ECE	The Institution of Engineers (India) IEI	2425
3	Dr. T A Shahul Hameed	ECE	Institution of Electronics and Telecommunication Engineers (IETE), Indian Society for Technical Education (ISTE)	4100
4	Dr. Ayoob S	CE	Institution of Engineers (India) (IEI) – Civil Engineering Division	2725
5	Dr. D Chithraprasad	CSE	Association for Computing Machinery(ACM)	3134
6	Dr. Sheeba O	ECE	Institution of Electronics and Telecommunication Engineers (IETE)	2825
7	Prof. Heera Karunakaran	ECE	Institution of Electronics and Telecommunication Engineers (IETE)	2375

BoG noted the assistance given to faculty for professional body membership.

### 2.10.3 New IIC Activities proposed

No	Activity	Title	Proposed by	Department	Expert/ Industry involved	For Whom	Tentative Date	Budget
1	Invited Talk	Satellite Communication	Prof. Reshna	ECE	VSSC	Staff & Students	Feb 24	15000
2	Invited Talk	Digital TV	Prof. Sajeena	ECE	Mrs Priya, Tata Elxsi	Students	Mar 3	12000
3	Industrial Visit	Power generation	Prof. Preetha Basu	ECE	KSEB, Pallivasal/Panniya r/Lower Periyar	Students of ECE	Mar 6	20000
4	One Day Workshop	Non Destructive Testing	Dr. K B Radhakrishnan	Chemical	VSSC, Trivandrum	Students of chemical engineering	Feb-16	20000



5	Industrial Lecture	Recent Developments in Petroleum Industry	Prof. Saibi R	Chemical	Mr. Harinath S General Manager, BPCL Kochi Refineries, Ernakulam	Students of Final Year B.Tech Chemical	Feb-2016	6000
6	Industrial Lecture	Control System Applications in Rocket Engines	Prof. Fazil.A	Chemical	Mr. Sujith Kumar R Head – Propulsion Research Lab Division VSSC, Trivandrum	Students of 3 <sup>rd</sup> Year B.Tech Chemical Engineering	Feb-2016	6000
7	Industrial Visit	Industrial Visit to Mangalore Refinery, Mangalore	Prof. Saibi R	Chemical	Mangalore Refinery, Mangalore	Students of Final Year B.Tech Chemical	Feb-2016	20000
8	Industrial Visit	Industrial Visit to Hindustan Life Care Limited, Trivandrum	Prof. Fazil A	Chemical	Hindustan Life Care Limited, Trivandrum	Students of 3 <sup>rd</sup> Year B.Tech Chemical	Feb-2016	15000
9	R&D Facility Visit	Visit to VSSC, Trivandrum	Prof. Fazil A	Chemical	VSSC, Trivandrum	Students of 3 <sup>rd</sup> Year B.Tech Chemical	Feb-2016	15000
10	Industrial Visit	Industrial Visit to Travancore Titanium Products, Trivandrum	Prof. Fazil A	Chemical	Travancore Titanium Products, Trivandrum	Students of 3 <sup>rd</sup> Year B.Tech Chemical	Mar-2016	15000
11	Industrial Visit	Industrial Visit to English India Clay Ltd, Trivandrum	Prof. Fazil A	Chemical	English India Clay Ltd, Trivandrum	Students of 3 <sup>rd</sup> Year B.Tech Chemical	Mar-2016	15000
12	Industrial Visit	Industrial Visit to Nattakam Cements, Kottayam	Prof. Mary Mathew	Chemical	Nattakam Cements, Kottayam	Students of 2nd Year B.Tech Chemical	Feb-2016	15000
13	Industrial Visit	Industrial Visit to Hindustan NewsPrint, Kottayam	Prof. Mary Mathew	Chemical	Hindustan NewsPrint, Kottayam	Students of 2nd Year B.Tech Chemical	Feb-2016	15000



14	Industrial Visit	Industrial Visit to Travancore Cochin Chemicals Ltd, Ernakulam	Prof. Mary Mathew	Chemical	Travancore Cochin Chemicals Ltd, Ernakulam	Students of 2nd Year B.Tech Chemical	Mar-2016	15000
15	Industrial Visit	Industrial Visit to Hindustan Insecticides Ltd, Ernakulam	Prof. Mary Mathew	Chemical	Hindustan Insecticides Ltd, Ernakulam	Students of 2nd Year B.Tech Chemical	Mar-2016	15000
16	Invited Talk	Waste Management Issues in High Rise Buildings	Prof. Najee M Prof. Mamatha M	CE	Er. Rajnesh Clement, MD, Homotech Constructions, Thiruvananthapuram	Final Year B.Tech Civil Engineering Students	March 2 <sup>nd</sup> Week, 2016	4000
17	Invited Talk	Vizhinjam Sea Port: Dream to Reality	Prof. Seema K. Nayar	CE	Mr. Ajit S., Chief Project Coordinator and Head [EHS and CSR], Vizhinjam International Seaport Ltd.	Students of Final Year B.Tech Civil Engineering, PG1 and PG3	February first week, 2016	6000
18	Invited Talk	Tenders and Contracts in PWD works	Prof. Seema K. Nayar	CE	Mr. P.K. Rajeev, S.E. (Retd.), Kerala PWD (Been on deputation for one and a half years in the PWD Manual Revision Committee)	Students of Final Year B.Tech Civil Engineering, PG1 and PG3	February 3 <sup>rd</sup> week, 2016	5000
19	Invited Talk	Energy & Environment Based Concerns in Buildings	Prof. Seema K. Nayar	CE	Shreeganesh V Nair, GRIHA Evaluator and Trainer, TERI University, New Delhi	Students of pre-final year, final Year of B.Tech Civil Engineering, PG1 and PG3	February 8 <sup>th</sup> , 2016	6000
20	Invited talk	Advanced Surveying	Prof. Hazeena R	CE	Hari Kumar, Indian Remote Sensing Institute, Pune.	Final Year Students	February 1 <sup>st</sup> , 2016	5000
21	R&D visit	Sree Chithra Thirunal Institute of Medical Science (Biomedical Wing)	Prof. Nissan Kunju	ECE	SCTIMST, Trivandrum	Selected staff Members	Feb 20	10000

22	R&D visit	Dept of BioEngineering and Rehabilitation Institute, CMC Vellore	Prof. Nissan Kunju	ECE	CMC, Vellore	Selected staff Members	March 20	20000
23*	Invited Lecture	Dubai Metro Rail	Dr. K.E. Reby Roy	ME	Mr. Vinod Ravi Chief Estimator Obayashi Corporation Baniyas Road, Deira, Dubai, U.A.E	Faculty	15-03-2016	35000
24*	Invited Lecture	Global trends marine industry	Dr. K.E. Reby Roy	ME	Mr. Rajasekhra Menon Engineering Divison Head Chalmers Engineering Company LLC, Dubai.	Faculty	28-03-2016	35000
25	Invited Lecture	Influence of Modelling Softwares in Mechanical Industries	Dr. K.E. Reby Roy	ME	Rahul P.S. Operations Manager C & T Consulting Services, Technopark, Trivandrum	Faculty	11-04-2016	6000
26	Invited Lecture	Indigenous Helicopters	Dr. K.E. Reby Roy	ME	Mr. Arun Babu Sr. Engineer, HAL, Bangalore	Faculty	22-02-2016	10000
27	Invited Lecture	Business Excellence	Dr. K.E. Reby Roy	ME	Dr. Aniyam Brahmos Aerospace Thiruvananthapuram Ltd. Trivandrum	Faculty	10-02-2016	6000
28	Industrial visit	Foundry Section	Dr.S Jose	ME	Kerala Engg. Ltd, Kundara	S4 Mech students	Feb 2nd Week	5000
29	Industrial Visit	Forging	Prof. Ashfak A	ME	United electrical India Ltd	P6 students	March 1st week	10000
30	Industrial Visit	Advanced Machine Tools	Dr. K A Shafi	ME	Brahmos Trivandrum	P6 students	16/02/16	10000



31	One day workshop	Engg. & Research; The Underlying Dynamics	Dr. Rijo Thomas	ME	Head, Centre for Business & Collaboration, DR DO	S8 students	Feb 27	10000
32	Industrial visit	Investment Casting	Dr.S Jose & Jesna Mohammed	ME	Texmo Precision Castings, Pollachi	S4 Mech students	March 1st Week	25000
33	Industrial visit	Advanced Welding processes	Dr.S Jose & Jesna Mohammed	ME	Brahmos Aerospace, Trivandrum	S4 Mech students	March 2nd Week	15000
34	One day workshop	Engg. & Research; The Underlying Dynamics	Dr. Rijo Thomas	ME	Head, Centre for Business & Collaboration, DR DO	S8 students	Feb27	10000
35	Invited Lecture	Advances in Nanotechnology	Dr. K A Shafi	ME	Dr. Kuruvila Joseph, Hod, Dept Of Chemistry Iist, Valiyamala	Students	Feb 2 <sup>nd</sup> Week	10000
36	Invited Lecture	Nano Technology Research Laboratory	Dr. K A Shafi	ME	Dr.S Suresh. Associate Professor NIT Trichy	Students	March 1 <sup>st</sup> week	10000
37	Invited Talk	"Medical Imaging"	Dr. Manu J Pillai	CSE	Dr. Santle Camilus Chief Engineer, Samsung India Research, Bangalore	Final Year B.Tech CSE Students	20 <sup>th</sup> June 2016	40000
38	Invited Talk	Web Technology	Prof. Rahannara Beegam	CSE	Technical Expert from Ospyn Technologies, TVM	Final Year B.Tech CSE Students	February 2016	25000
39*	Invited Talk	Virtual Machine Design	Prof. Ananthapadmanabhan	CSE	Mr. Jithin R, Engineer, Cloud Byte, Bangalore	Final Year B.Tech CSE Students	July 2016	40000
40*	Invited Lecture	Android Programming	Prof. Reshma Sheik	CSE	Renjith Ravidran (Senior Software Engineer, Software Ag, Bangalore) Nima Thulaseedharan (R&D Engineer, Nokia, Bangalore)	Students	March 18 2016	40000



41*	Invited Lecture	Embedded systems-current and future	Prof. Reshma Sheik	CSE	Thousif (Senior Engineer, HARMAN International, Bangalore) Achu (Associate Software Engineer, Goldman Sachs Services Limited)	Students	Second week of June 2016	40000
42	Invited Lecture	Recent Trends in Computer Networks	Prof. Shameem Ansar A	CSE	Mr. Shanavas Project Manager, Technopark TVM	Final year students	March 2016	25000

BoG approved the IIC activities proposed and decided to not to permit the flight tickets against the item no 23 & 24, but local travel expenses and other hospitalities can be provided from the TEQIP.

## 2.11 Report of programmes under EAP

### 2.11.1 Inhouse programmes conducted under EAP

Sl. No	Branch	Name of Program	Name of Coordinator	Industry Name/Instn Name/Faculty	Date	No. of days	No. of Student Participants	Actual/Planned Expenditure (Rs.)
1	ECE	Remedial class on Random Process and its application	Prof. Nishanth N	Prof. Nishanth N	17.11.2015 to 20.11.2015	4	15	4500
2	CE	Remedial class on C++ for 6 <sup>th</sup> semester CE students	Prof. Sruthy R Krishnan	Dr. N Rajendraprasad	March-April 2015	17	40	20000
3	ECE	One day workshop on stress , success through self help	Dr. Sheeba O	Mrs. Bety Abraham, Psychologist	20.11.2015	1	120	14820
4	EEE	Remedial class for 6 <sup>th</sup> semester EEE students in the subject of C programming	Prof. Sunitha Beevi K	Dr. N Rajendraprasad	03.03.2015 to 20.03.2015	14	40	11000
5	EEE	Bridge course for 6 <sup>th</sup> semester EEE students in the subject of C++	Prof. Sunitha Beevi K	Dr. N Rajendraprasad	28.01.2015 to 07.03.2015	25	60	12000

6	CE	Bridge course on C++ for 6 <sup>th</sup> semester CE students	Prof. Sruthy R Krishnan	Dr. N Rajendraprasad	Jan-Apr 2015	30	66	39000
7	ME	Remedial class for 1 <sup>st</sup> year students in the subject of Engineering graphics	Prof. Resmi S L	Prof. Rakesh Pillai	Feb - March 2015	12	37	15000
8	EEE	Technical talk on Electrical system design	Prof. Sunitha Beevi K	Er. Mohammed Sasdique	18.03.2015	1	108	5000
9	CSE	Remedial class for S6 B.tech CSE Students	Prof. Dimple A Shajahan	Internal Faculty	27.04.2015 to 21.05.2015	10	28	34800
10	ME	One day workshop on ABAQUS Software	Prof. Hashim V	Er. Abhijith Naik, Bangalore	07.03.2015	1	20	7750
11	CSE	Motivational programme for students	Prof. Ananthapadma nabhan	Dr. Achuthsankar S Nair, University of Kerala Dr. Arun B Nair, Govt. Medical College, Trivandrum Dr. Sunil Mathew, NIT, Calicut Dr. Justin G Padamadan, Psychologist, Trivandrum	14.01.2016 to 15.01.2016	2	140	52000
12	ME	One day Workshop on Employability Enhancement training programme for Pre-Final year Mechanical stream Production engineering students	Dr. K A Shafi	Pragmatics, Kochi	23.01.2016	1	35	10000
13	All Branches	Remedial class in Mathematics for 1 <sup>st</sup> Year B.Tech students	Prof. Riyas A	Internal Faculty	September 2015	6	135	16300
14	EEE	Expert lecture on introduction to sustainable energy	Prof. Shanavas TN	Prof. V K Damodaran Director INGCORE Trivandrum	17.08.2015	1	129	14330
15	CE	Invited talk on practical problems in civil engineering and their solution	Dr. Saraswathy	Dr. Lalu Mangal, Rtd. Professor in TKMCE	25.01.2016	1	170	13000



16	CE	Technical talk on Pre-Fabricated construction practices	Dr. Saraswathy	Prof. U C Ahamed Kutty, Former Principal, TKMCE	01.02.2016	1	170	13000
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BoG approved the list of Inhouse programmes conducted under EAP

### 2.11.2 Inhouse programmes to be conducted under EAP

Sl. No	Branch	Name of Program	Name of Coordinator	Industry Name/Instn Name/Faculty	Date	No of days	No. of Student Participants	Actual/Planned Expenditure (Rs.)
1	Chemical Engineering	Training programme on Distributed Control systems	Prof. Saibi	Yo kogawa India Ltd	05.02.2016 to 09.02.2016	5	71	55600
2	EEE	Bridge course in Digital electronics and logic design	Prof. Sunitha Beevi K	Prof. Krishna Chandran & Prof. Koshy Thomas	01.02.2016 to 08.02.2016	5	136	18000
3	EEE	Bridge course in C Programming	Prof. Sunitha Beevi K	Dr. Rajendraprasad	Jan-Feb 2016	20	102	32100
4	EEE	Technical Talk	Prof. Gayathri Prof. Shahina T N	Mrs. Lisy, TELK, Angamaly	19.02.2016	1	118	8400
5	CE	Technical Talk	Dr. Sirajuddin	Mr. Martin Payyappally, Motivator, trivandrum	22.02.2016	1	147	20000

The BoG commented that the item no. 1, 4 and 5 should have been included under IIIC programs and suggest that the Academic committee should be more careful.

## Part 3-Reports

### 3.1 Report on International travel made for attending International Conference

BoG noted the report on international travel made by Prof. Muhammed Siddik A, Civil Engineering, for attending International Conference on Environmental Forensics (iENFORCE 2015) at PUTRAJAYA, MALAYSIA on 19-20 August 2015.

### 3.2 Report on International Conference Conducted by Department of Mechanical Engineering

BoG examined the report on international conference on Aerospace and Mechanical Engineering (ICAME'15) from 14-16 December 2015, conducted by Department of Mechanical Engineering and appreciated the coordinator for conducting the conference in it's true spirit.

### 3.3 Report on International Conference Conducted by Department of Civil Engineering

BoG noted the report of 3rd International Conference on Modeling and Simulation in Civil Engineering conducted by Department of Civil Engineering from December 9 -11, 2015.

### 3.3 Status of Fund utilization as on 10.02.2016

Sr.No.	Category of Expenditure	Amount spent in Lakhs	Advance Paid in lakhs	Committed expense in Lakhs
1	Procurement and Civil Work	543.20	2.75	4.05
2	Providing Assistantships for Increased enrolment in existing and new PG Programmes in Engineering Disciplines	28.91	-	22.00
3	Enhancement of Research and Development and Institutional Consultancy Activities	11.43	7.09	40.50
4	Faculty and staff development (FSD)	142.71	20.14	41.00
5	Enhanced Interaction with Industry	14.05	0.88	7.00
6	Institutional Management Capacity enhancement	8.50	-	1.00
7	Academic reforms	27.34	-	-
8	Academic support for weak students	20.98	-	4.94
9	Incremental Operating Cost	41.53	-	10.00



<b>Total(1 to 9)</b>	<b>838.65</b>	<b>30.86</b>	<b>130.49</b>
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Total Fund received : Rs 900 Lakh  
Total Expenses : Rs 838.65 Lakh  
Total Advances paid : Rs 30.86 Lakh  
**Balance Amount : Rs 30.49 Lakh**  
Total Committed Expenses : Rs 130.49 Lakh

BoG noted the status of fund utilization provided by TEQIP Coordinator and recorded its satisfaction towards the same. The SPFU Director informed that the remaining Rs 1 Crore will be released soon.

BoG also suggested to do preliminary works for the preparation of Institutional Development Proposal for TEQIP III.



**Part 4**  
**Any other items**

**4.1 Reimbursement of Fee paid for NAAC Accreditation**

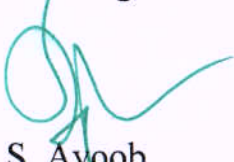
BoG Approved an amount of Rs 28625/- paid as fee towards NAAC Accreditation

**4.2 Explanation from the coordinator of the International conference conducted by Department of Chemical Engineering.**

BoG discussed in detail about the explanation presented by the coordinator of the international conference conducted by Department of Chemical Engineering. After deliberations BoG decided to allocate 30% increase in the planned amount as a special case, considering the output of the conference.

BoG placed on record the sincere efforts of Dr . V GopaKumar , Director , SPFU and Prof. U Rasheed Kutty, TEQIP Coordinator, TKMCE, who are retiring from the service on 31<sup>st</sup> March 2016.

The meeting concluded at 12:30 pm .

  
Dr S. Ayoub  
Principal, TKMCE

  
Shri. Shahal Hassan Musaliar  
Chairperson  
Board of Governors, TEQIP-II

