

TECHNICAL EDUCATION QUALITY IMPROVEMENT PROGRAMME Phase II

Sub Component 1.1



**9th MEETING OF
THE BOARD OF GOVERNORS
DETAILED AGENDA NOTES**

Date: 03-12-2015

Time: 10.30 AM

Venue: Seminar Hall

**COLLEGE OF ENGINEERING CHERTHALA
PALLIPPURAM P.O., CHERTHALA-688 541, KERALA**

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The meeting of Board of Governors is convened to monitor the progress of TEQIP-II activities at CE Cherthala, under Sub component 1.1, with emphasis to procurement and academic activities, and to accord necessary approvals and clearances for the ongoing activities. The 9th meeting of the BOG is being convened on 3rd of December 2015.

AGENDA

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APPENDICES - ITSS Proposals

PART 1

Procedural Items

Silent Prayer

1.1 Confirmation of the Minutes of the 8th Meeting of the Board of Governors of CE Cherthala held on 20-08-2015

The Minutes of the 8th Meeting of Board of Governors of TEQIP Phase II of CE Cherthala held on 20-08-2015 was circulated among the BOG members and after incorporating their suggestions, sent to the Hon'ble Chairman for his approval. A copy of the Minutes is appended as **Annexure 1** for confirmation.

Action sought: BoG may consider and confirm the Minutes of the 8th meeting.

1.2 Action Taken Report on the pertinent decisions in the Minutes of the 8th Meeting of the Board of Governors of CE Cherthala held on 20-08-2015

The decisions taken by the Board as recorded in the Minutes of the 8th Meeting of the Board of Governors of CE Cherthala held on 20-08-2015 have been noted and actions have been initiated. A report on the action taken and actions pending is presented in the Table given below.

Table 1.2

Item No in Minutes of the 8 th BOG	Decision Taken	Action Taken / current status	Reason for Non Compliance
1.2	The ATR was approved.	No action needed	NA
	Annual Report on the performance of the Institution will be prepared and presented in a forthcoming BOG meeting	Preparation started	NA
	Master Plan for CE Cherthala will be prepared and presented in a forthcoming BOG meeting	Preparation started	NA
	The Draft Brochures for the proposed International Conferences were approved	No action needed	NA
	Steps are to be taken to enlist resource persons from R&D institutions for the conduct of the conferences.	Contacted	NA
	Hire a Chartered Accountant to audit expenditure for the proposed International Conferences	At present no action required	NA
	BOG approves to give prize money for various student contests proposed along with the conferences.	At present no action required	NA
	The BOG decided to include an expert from Industry, Mr. Shaiju MS, Senior Developer Mobility, Cognizant, an expert in the area of Java and Android in the committee for making the Technical Evaluation for the HIT on Java and Android	Included	NA

2.1	The BOG took note of the procurement completed after the 7 th BOG meeting and approved all expenditure made in this regard.	No action needed	N.A
	The statistics of E-Book usage and utilization of the ID Card printer is to be reported in the next BOG meeting	Report prepared	NA
	The Principal will instruct the Librarian to keep utilization records of all E-Journals and E-books updated, which are to be obtained from the publisher.	Instructed	NA
2.2	The BOG took note of the packages for which purchase orders were issued and ratified the changes mentioned in the agenda.	No action needed	N.A
	The Principal will report the status of the Campus Automation Software package in the next BOG meeting.	Will be reported	NA
2.3	The BOG took note of the in house faculty and staff programmes conducted and ratified the expenditure made in this regard.	No action needed	N.A
	Decided to commemorate the International Year of Light 2015 with an expert talk on the same, to be delivered by the Hon'ble Chairman.	Conducted on 16 th Nov as keynote of FDP on research methodologies	N.A
	Decided to reimburse 50% of the expenditure incurred for taking membership in Professional Bodies to all faculty including contract faculty.	Initiated	N.A
2.4	The BOG took note of the outstation faculty and staff programmes conducted and ratified the expenditure	No action needed	NA
2.5	The BOG took note of the IIIC programme conducted	No action needed	NA
2.6	The BOG took note of the EAP programmes conducted and ratified expenditure	No action needed	NA
2.7	The BOG took note of the current faculty position.	No action needed	NA
2.9	The BOG took note of the conduct of the Second Statutory Audit and instructed to present the report in the next BOG meeting.	Will be presented	NA
3.2	The package Chemicals for Chemistry lab is to be purchased using IOC Component.	Carried out	NA
	The package Information Display System is to be reinstated in its place.	Not reinstated	The item with required spec is not available in the local market

	The new packages proposed were approved, after noting the above two modifications	No action needed	NA
3.5	The BOG decided to revise the salary with effect from the date of the 8 th Meeting of State Steering Committee of TEQIP-II as per the minutes of the 8 th Meeting of State Steering Committee of TEQIP-II.	Done with effect from 25 th April 2015	NA
3.6	The BOG decided to reimburse the tuition fees, exam fees and all other Academic related fees for four Faculty members of the Electronics Department.	No claim received so far	
3.7	The BOG congratulated the rank holders	A public function was conducted with the Honourable VC of CUSAT Dr.J.Letha as Chief guest	NA

Action sought: BOG may consider the ATR for approval.

PART 2
REPORTS & RATIFICATIONS

2. PROCUREMENT ACTIVITIES

Details of completed, committed, cancelled, and initiated packages are given below; the procurement activities were stalled by problems in the PMSS software.

2.1 PROCUREMENT COMPLETED AFTER THE 8TH BOG MEETING.

The following two packages in the procurement plan have been completed after the 8thBOG meeting.

Table 2.1

Sl. No	Package Name	Package Code	Firm	Budgeted Amount (Rs.)	Actual Amount (Rs.)	Difference (Rs.)	% Difference
1	Stabilizer for AC	TEQIP-II/ KL/ KL1G19/101	Frank Sudhachand & Co Pvt Ltd, Cochin	75000	78043	-3,043.00	-4.06
2	Interactive visualiser	TEQIP-II/KL/ KL1G19/134	HIND Digital Solution ,Kottayam	90000	80377	9623.00	10.69
3	Audio System Smart Class Room & Auditorium	TEQIP-II/KL/ KL1G19/106	HIND Digital Solution ,Kottayam	440000	459711	-19711	-4.48
4	Telephone	TEQIP-II/KL/ KL1G19/139	Nevus Telesystems	30000	28250	1750.00	5.83
5	Fire Wall	TEQIP-II/KL/ KL1G19/116	ISYX Technologies, Cochin	400000	461810	-61810	-15.45
6	Microsoft Open value Education Solution	TEQIP-II/KL/ KL1G19/132	Smart Soft ,Vyttilaa	168709	157723	10986	6.51
7	Cut Sections of Machine	TEQIP-II/KL/ KL1G19/ 106- Shopping	Elmatics Enterprises, Kochi	80085	65035.	15050	18.79
8	Electrical demonstrator & Trainer Module	TEQIP-II/KL/ KL1G19/ 121- Shopping	Elmatics Enterprises, Kochi	134250	128985	5265.00	3.92
9	Physics lab Apparatus	TEQIP-II/KL/ KL1G19/143	Holmarc Opto Mechatronics Pvt Ltd,Kochi	229514	254984	-25470	-11.10
TOTAL				1647558	1714918	-67360	-4.09

Action sought: BOG may kindly take note and ratify the expenditure incurred.

2.2 PACKAGES FOR WHICH PURCHASE ORDER HAS BEEN ISSUED

Purchase Orders has been issued for the following packages.

Table 2.2

Sl.No	Package Name	Package Code	Budgeted Amount	Actual Amount	Difference	Firm
1	Campus Automation Software	TEQIP-II/KL/KL1G19/130- Shopping	500000	4,98,750.00	1250.00	Meshilogic, Calicut
2	Lightning Arrester for Protection	TEQIP-II/KL/KL1G19/112-Shopping	800000	790390.00	9610.00	M C Mathew
3	Water Purifier System	TEQIP-II/KL/KL1G19/123- Shopping	200000	196940.00	3060.00	Nila Trading International
4	Platform & Lectern	TEQIP-II/KL/KL1G19/114-Shopping	520000	583950.00	-63950.00	SIDCO Marketing Centre
5	Chemistry lab Equipment and apparatus	TEQIP-II/KL/KL1G19/144	311782.5	252114	59669	M/s.Laboratory Equipment Store,Ernakulam
6	Furniture for Chemistry and Physics lab	TEQIP-II/KL/KL1G19/145	428000	470700	-42700	Kairali Furnishers, Alappuzha
7	Foundry Tools for Mechanical Workshop	TEQIP-II/KL/KL1G19/146	35850	38987	-3137	M/s.Heera, Trivandrum
8	Equipment for Civil Workshop	TEQIP-II/KL/KL1G19/147	12355	8270	4085	Scientific Enterprises, Cochin
9	New Books	TEQIP-II/KL/KL1G19/148	300000	323383	23383	Current Books Pvt Ltd, Kottayam
Total			2807988	2842751	-34763	

- Purchase of packages having serial no from 5 to 9 were approved in the last BOG meeting

Action sought: BOG may kindly take note and approve.

2.3 IN-HOUSE FACULTY AND STAFF DEVELOPMENT PROGRAMMES CONDUCTED

The details of academic activities conducted post the VIII BOG is given below;

Table 2.3

Sl. No.	Title of the Programme	Dept	Duration & date	No. of participants			Coordinator	IRG in Rs/-	Expenditure (Rs.)
				Own Institute	Other Institutes (IRG)	Total			
1.	Expert talk on Optical Sensors	EC	1 day 4/9/2015	23	0		Dr. Jobymol Jacob		7470
2	Expert talk on Human Motion Identification from video clips	CS	1 day 11/09/2015	37			Greeshma N.Gopal		15843
3	FDP on Research Methodology for Science & Engg	EC, CS	2days 12/11/2015 - 13/11/2015	48	2		Dr.Jayasree V.K.	1000	39717
4	FDP on Linear Algebra for Engineers	EC	3 days 24 th to 26 th Nov 2015	48	2		Jayadas C.K	1000	66225
Total									129255

Report of the Programmes

Expert talk on optical sensors was delivered by Prof.N.J.Vasa was aimed to give an introduction to optical sensors and its various applications. The participants gave an excellent rating to the programme.

Expert talk on Human Motion Identification from video clips was delivered by Prof K.K.Biswas of IIT, Delhi.The talk was mainly concentrating on pattern recognition in the field of image processing. It was a very interactive session and very useful to clear the doubts in the field of machine learning.

The faculty development programme on Research Methodology for Science and engineering was a 2 day programme . It started with an introduction to research methodology and research design. Literature review, data collection and data analysis techniques were explained and also gave an idea of writing and publishing research papers.

The FDP on Linear Algebra for Engineers covered the topics on Algebraic Structures, Vector space, Orthonormal basis, Isomorphic vector spaces, Linear Transformations, Matrix representation, coordinate

transformation, projection, Matrix Methods, Fourier basis, wavelet basis and Applications in Engineering fields.

Action sought: BOG may kindly take note and ratify expenditure.

2.4 OUTSTATION FACULTY AND STAFF DEVELOPMENT PROGRAMMES

The following faculty attended the FDP programme organized by different institutions.

Table 2.4

Sl No.	Name	Designation	Department	Programme Title	Duration & Date	Expenditure (Rs.)
1	Dr.Rajesh V.G	Associate Professor	ME	Micro manufacturing at IIT Kanpur	31/8/2015 to 04/09/15	29281
2	Ajay Nath S.A	AP	EC	Advanced Pedagogy at IIT, Chennai	2 nd to 4 th Sept 2015	2211
3	Biju P	AP	EC	Advanced Pedagogy at IIT, Chennai	2 nd to 4 th Sept	2211
4	Lomin Joy	AP	CS	Advanced Pedagogy at IIT, Chennai	2 nd to 4 th Sept	2211
5	Muhammed Ilyas	AP	CS	Network simulator 3 at CE, Kidangoor	17 th to 18 th September 2015	2440
6	Joyce Jose	AP	CS	Network simulator 3 at CE, Kidangoor	17 th to 18 th September 2015	2440
7	Josna Jose	AP	CS	Network simulator 3 at CE, Kidangoor	17 th to 18 th September 2015	2440
8	Sreekumar K	AP	EC	Introduction to LATEX at CE, Kidangoor	28 th -30 th Sept 2015	To be settled
9	Ajaynath S.A	AP	EC	Introduction to LATEX at CE, Kidangoor	28 th -30 th Sept 2015	To be settled
10	Veena Mathew	AP	EEE	Pedagogy at IIT, Chennai	28 th to 31 st October 2015	To be settled
11	Kannadas P.K	AP	ME	Design & Engineering by KTU	30 th to 31 st October 2015	To be settled

12	Sreedhu T.Sasi	AP	EC	Pedagogy at IIT Chennai	16 th to 18 th November 2015	To be settled
13	Anaswara V.Nath	AP	EC	Pedagogy at IIT Chennai	16 th to 18 th November 2015	To be settled
14	Greeshma K .V	AP	EC	Pedagogy at IIT Chennai	16 th to 18 th November 2015	To be settled
15	Meera E	AP	EEE	Smart Grid and Renewable Energy (SGRE) at Power System Division, CPRI, B'lore	26 th to 27 th November 2015	To be settled
16	Rani T.R	AP	EEE	Smart Grid and Renewable Energy (SGRE) at Power System Division CPRI, B'lore	26 th to 27 th November 2015	To be settled
17	Manu Madhavan	AP	EEE	Smart Grid and Renewable Energy (SGRE) at Power System Division, CPRI, B'lore	26 th to 27 th November 2015	To be settled

Report of the Programmes

Micro manufacturing -The objective of the course was to acquaint the participants with the principles, basic machine tools and developments in the micro manufacturing courses, micro and nano metrology and research trends in the area of micro manufacturing processes. The course provided great exposure, networking with peers in other prominent institutions and helped to learn about the new developments and new teaching paradigms.

Pedagogy - Seven faculty members have attended the Pedagogy training at Teaching and Learning Centre, IIT Madras. The various sessions in the three day training program were handled by eminent faculty members from IIT Madras. The need of adopting various teaching methodology and the necessity of collecting feedback from the students were explained. Open discussions and group activities made the program very interesting and enlightening. The participants got a clear insight into the changes to be made in the class room teaching. The faculty decided to adopt the new techniques to make the learning process happening within the classroom itself so that the teaching becomes highly effective.

Network simulator 3 – NS-3 is a discrete event emulator for Internet systems targeted primarily for research and educational use. The course helped the faculty for implementation of network projects in the college.

Smart Grid and Renewable Energy- The programme emphasized on various concepts of power system and emerging technologies in this field and also impart knowledge on issues relating to smart grid and renewable energy sources. A detailed overview on renewable energy resources, the role of smart grid in integration of renewable energy sources, idea about Automatic metering Infrastructure(AMI) and net metering for renewable sources, implementation issues of Low Voltage Ride through (LVRT) and power quality analysis were handled in various sessions.

Action sought: BOG may kindly take note and ratify expenditure.

2.5 MANAGEMENT CAPACITY DEVELOPMENT PROGRAMMES

Dr.Vinu Thomas, Associate Professor , Electronics Engineering attended the MCEP programme conducted by IIM, Bengaluru during 7th to 11th September 2015. The programme covered topics like academic administration, managing and understanding various stake holders, digital marketing, e governance, sustainable campuses etc. The total expenditure incurred for the above was Rs.12835/-

Action sought: BOG may kindly take note and ratify expenditure.

2.6 CONFERENCES ATTENDED/PAPERS PRESENTED

The following faculty presented papers in International Conferences as detailed below;

Table 2.5

Sl. No	Name of faculty	Title of paper	Conference	Date	Expenditure
1	Muhammed Ilyas	A modified broadcast algorithm for multihop relay manets	V International Conference on advances in Computing and Communication held at Rajagiri School of Engg & Tech.	3 rd to 5 th sept 2015	7500
2	Janu R.Panicker	Clustering DNA Sequences using Incremental multiple methods	V International Conference on advances in Computing and Communication held at Rajagiri school of Engg & Tech.	3 rd to 5 th sept 2015	7500
3	Muhammed Ilyas	Energy Efficient Encryption Scheme for Network coded Mobile AdHoc Networks	15 th International Conference on Algorithms and Architectures for Parallel Processing (ICA3PP 2015) at Zhangjiajie, China	November 18-20,2015	44046*
4	Greeshma N.Gopal	Privacy preserving Personalization in Probabilistic Search	15 th International Conference on Algorithms and Architectures for Parallel Processing (ICA3PP 2015) at Zhangjiajie	November 18-20,2015	44046*

5	Janu R.Panicker	Multiple Secret Sharing. Natural Language Letter based Visual Cryptography Scheme	15 th International Conference on Algorithms and Architectures for Parallel Processing (ICA3PP 2015) at Zhangjiajie	November 18-20,2015	44046*
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- Registration fee alone

Action Sought: The BOG may kindly note and ratify expenditure.

2.7 IIIC PROGRAMMES CONDUCTED

The following faculty members attended FDP conducted by Industry, PETARC, KSEB, Moolamattom;
Table 2.6

Sl.No	Name of faculty	Designation & Dept	Details of the programme	Duration & Date	Expenditure
1	Meera E	AP	Industry familiarization for Engg faculty by PETARC, KSEB, Moolamattom	15.10.15 to 17.10.15	10821
2	Veena Mathew	AP	Industry familiarization for Engg faculty by PETARC, KSEB, Moolamattom	15.10.15 to 17.10.15	10821
3	Rani T R	AP	Industry familiarization for Engg faculty by PETARC, KSEB, Moolamattom	15.10.15 to 17.10.15	10821
4	Manu Madhavan	AP	Industry familiarization for Engg faculty by PETARC, KSEB, Moolamattom	15.10.15 to 17.10.15	10821
Total					43284

Report on the programmes

Power Industry familiarization for Engineering – The programme Emphasised on various concepts of power systems and emerging technologies in this field and to impart knowledge on practical aspects of power generation to familiarize present day power system operations to Engineering faculty to generate quality professionals catering to the need of power industry. Theory sessions were well supported by practicals making understanding easy. Provided a great opportunity to visit Moolamattom Power House.

A workshop on Digital Signal Processors was conducted in collaboration with NPOL for M.Tech signal Processing students. Theory classes as well as hands on experience were given to the students. Teachers of Electronics department also attended the programme.

Table 2.7

Sl No.	Hosted by			Details of Talk		Expenses
	Dept. of	Target Group	No. of Participants	Topic	No.of Days and Dates	
1	Electronics Engineering	M.Tech SP students	34+ 20 teachers	Digital Signal Processors	2 Days, 18/11/15 & 19/11/15	21776

Action Sought: The BOG may kindly note and ratify.

2.8 PROGRAMMES CONDUCTED UNDER EAP

Women cell has conducted a programme on Good health habits and personality development for the first year girl students. A soft skill training programme also was conducted for the first year students. Remedial classes were organized for the V and III Semester students on Digital Signal Processing, Analog Integrated Circuits, Engg. Mathematics, Microprocessors, CS / PPL , Probabilty & Random Process and Electronics circuits lab-II .First semester remedial classes are going on and will be completed only by 13/12/15.The details of programmes conducted is given below;

Table 2.8 Remedial classes

FOR 5TH SEM SUBJECTS						
Sl.no	Subject	Faculty	No.of hours	No. of participants	Remuneration	Date/ duration
1	Digital signal processing	Dr.Vinu Thomas	5	77	3000	Aug.15
2	Digital signal processing	Ajaynath S A	13	56	7800	Oct /nov 2015
3	Digital signal processing	Vasanth kumar	3	32	1800	Oct.15
4	Analog Integrated Circuits	Dr.Jobymol Jacob	20	37	12000	Sept.15
5	Engineering Mathematics IV	Gireesh Chandra R	18	73	10800	Oct/nov. 201515
6	Microprocessor (EE)	Jagadeesh	6	46	3600	Oct.15
		Other expenses			12384	
		Total			51384	
REMEDIAL CLASS FOR 3RD SEM SUBJECTS						
Sl.no	Subject	Faculty	No.of hours	No. of participants	Expenditure	Date
1	CS / PPL	Manilal D L	6	53	3600	SEPT/15
2	Engineering Mathematics II	Gireesh Chandra R	25	64	15000	Oct/nov. 15
3	Probabilty & Random Process	Anaswara V Nath	18	12	10800	Nov.15
		Other expenses			5712	
		Total			35112	
REMEDIAL LAB FOR VSEM ELECTRONICS						
Sl.no	Subject	Faculty	No.of hours	No. of participants	Expenditure	Date
1	Electronics circuits lab-II	Vasanthkumar Ajaynath S A		17	10200	Oct/Nov 2015

Placement training programme

Sl. No.	Title of the Programme	Semester & batch	Duration & date	No. of participants	Expenditure (Rs.)
1	AMCAT assessment test by Aspiring minds	2016 B.Tech & M.Tech batch	26th & 27th October 2015	178	142400
2	Softskills training program by Pragmatix learning resources, Kochi	B.Tech S7 students	4/11/2015	80	9880

Table 2.9 Soft Skill Training program to students

Sl. No.	Title of the Programme	Semester & batch	Duration & date	No. of participants	Co-ordinator	Expenditure (Rs.)
1	Soft skill training	I years	Nov/15	62+100	Sarakutty K.J	6640

Table 2.10 Women cell programmes

Sl. No.	Title of the Programme	Semester & batch	Duration & date	No. of participants	Co-ordinator	Expenditure (Rs.)
1	Good health habits and personality development	First years girls	10/11/15	73	Sarakutty K.J	12860

Action Sought:

The BOG may kindly note and ratify the expenditure.

2.9 ITSS FOR PAPER PRESENTATION IN INTERNATIONAL CONFERENCE

Three faculty members from the CS dept has submitted proposals under the ITSS scheme for paper presentation in the 15th International Conference on Algorithms and Architectures for Parallel Processing (ICA3PP 2015) to be held from November 18-20,2015 at Zhangjiajie, China with financial support from TEQIP II as detailed below;

1. Energy Efficient Encryption Scheme for Network coded Mobile AdHoc Networks by Muhammed Ilyas H.
2. Privacy preserving Personalization in Probabilistic Search by Greeshma N.Gopal
3. Multiple Secret Sharing. using Natural Language Letter based Visual Cryptography Scheme by Janu R.Panicker

As per the TEQIP International Travel Scheme norms a screening committee with external members are to be constituted by the BOG. Since the conference was in November, there was not enough time to convene a BOG and hence a screening committee with the following members were placed before the Chairman for approval. The chairman gave approval subject to ratification of the BOG

1. Prof.Jyothi John, Principal, CE ,Chengannur
2. Dr.Asha Elizabeth Daniel, Associate Professor, Electrical Dept, SoE, CUSAT
3. Dr.Manoj V.J, Associate Professor, Electronics Dept, SoE, CUCEK
4. Dr.Shouri P.V Associate Professor, Mechanical Dept, MEC, Thrikkakara
5. Principal , CE, Cherthala

The screening committee for ITSS scrutinized and evaluated the proposals on 19th October and gave a score of 9 out of 10 for each of the proposals. (Minimum required score for qualification is 7). Since, there was not enough time to convene a BOG meeting, the proposals were sent to the Chairman for approval. The Chairman has approved the proposals subject to ratification of the BOG. The proposals are attached as Appendix. The faculty members have attended the International Conference and presented their papers. The bills are yet to be submitted.

Action Sought: The BOG may kindly note and ratify.

2.10 TRAINING FEE PAID TO KTU

APJ Abdul Kalam Kerala Technological University is conducting many subject domain courses for faculty members, towards which the institution has to pay Rs.100000/- online in two equal installments. Accordingly an amount of Rs.50,000/- has been paid from the institution account.

Action Sought:

The BOG may kindly note and sanction the reimbursement of the expenditure made and the payment of the remaining amount.

2.11 PROGRESS OF THE HIT PROGRAMME ON JAVA & ANDROID

The programme was completed on 19th October and the detailed report is attached as Annexure II. Since the programme is completed 75% of the total amount i.e Rs. 444600/- is to be paid.

Table 2.11 High Intensity Training Program

Sl.no	Topic	Duratuion	No. of participants	Dates	Total Expenditure
1	Java and Android	20days (12 hrs)	36	16/09/15 to 19/10/15	592800

Action Sought:

The BOG may kindly note and sanction the payment.

2.12 REPORT ON THE STATUS OF CAMPUS AUTOMATION SOFTWARE

The supplier has supplied the item, installed it in the institution and given training on it to faculty and staff. The testing of the same by the Department of Computer Science is progressing.

Action Sought:

The BOG may kindly note.

2.13 REPORT ON THE PROGRESS OF PROPOSED INTERNATIONAL CONFERENCES

i. International Conference on Signal Processing and Communication - The brochure for the conference was presented in the last BOG meeting. Negotiation is going on with the IEEE Cochin chapter to get the conference sponsored by IEEE & have it on consecutive days with the conference being conducted by the CS dept. The application for the same will be sent in two days as per the advice received from the secretary of the Kochi chapter. The key note speakers were identified earlier & two of them, Dr Praveen kumar & Dr Vinoy have confirmed their participation & the remaining persons have been contacted & their replies are yet to be received. The venue is finalized & the various committee members are being contacted to get their final confirmation. By the 3rd week of December all the deadlines, tracks, chairs & dates will be finalized.

ii. International Conference on Information Science 2016 (ICIS 2016) -The IEEE Conference Activity Board has approved the request for technical co-sponsorship of the International Conference in Information Science '2016 (ICIS 2016). Dr. G Santhosh Kumar, CUSAT, member CAB has been designated as the adviser to the conference. The conference will be charged a flat fee of \$1000 for Technical co-sponsorship and \$15 per paper submitted to IEEE Xplore, by IEEE as per the advice from the Head Quarters. This will cost around 67,000 INR for conference sponsorship and 1000 INR for paper publication. As per this there will be a change in the total expected amount. We are expecting to receive 200 papers and acceptance rate may be less than 50%. The total publication cost will come around Rs. 170000/-

Table 2.12

Budget of International Conference	
Venue	700000
Technical Sponsorship from IEEE	67000
IEEE Publication (100 x 1005)	100500
Printing Conf. Proceeding	75000

Conference kit	75000
Accommodation	100000
Certificate	5000
Other Miscellaneous	50000
TA for resource persons	375000
Honorarium for resource persons	100000
Total	1647000

Action Sought:

The BOG may kindly note and approve.

2.14 REPORT ON THE STATISTICS OF E-BOOK USAGE

The statistics of E-Book usage is given below

Table 2.13

	IEEE									
	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	July-15	Aug-15	Sept-15	Oct-15
Total for all Types	7950	672	1117	232	240	35	61	4168	659	766
IET Conferences	17	2	5	1	0	0	0	9	0	0
IEEE Conferences	210	23	19	9	1	3	2	102	18	33
IET Journals	26	0	0	1	1	0	0	20	0	4
IEEE Journals	7606	634	1086	214	237	31	59	3982	640	723
TUP Journals	73	9	7	1	1	1	0	47	1	6
	SPRINGER									
	45	25	32	28	4	1	89	31	95	64
	SCIENCE DIRECT									
Requests for full-text documents	266	200	65	187	34	9	1,454	484	276	266
Requests for all pages	1,319	801	225	661	119	35	6,596	1,821	1,098	982
Total Searches Run (incl. Federated Search)	72	35	13	31	4	0	852	195	88	65

- Requests for full-text documents: usage of HTML and PDF full text of journals and books
- Requests for all pages: any page viewed on ScienceDirect (opening homepage, article, abstract, search, help etc.)
- Total Searches Run (incl. Federated Search); searches done on ScienceDirect and searches done in SciVerse Hub and Federated Search engines that hit ScienceDirect.

Action Sought:

The BOG may kindly note.

2.15 REPORT ON THE STATISTICS OF USAGE OF ID CARD PRINTER

The ID card printer of the institution is used to print the ID card of all 178 B.Tech students and 22 M.Tech students joined in the current year.

Action Sought:

The BOG may kindly note.

2.16 REPORT ON FACULTY POSITION

Dr.Ashok Kumar T, Dr. Vinu Thomas, Dr. Jobymol Jacob and Sri Pradeep M. , Associate Professors in Electronics engineering, Sri. Manilal D.L, Associate Professor in Computer Science, Smt. Sony P., Assistant Professor in Computer Science, Sri.Devanand Assistant Professor in Mechanical Engineering were transferred to various IHRD institutions under IHRD general transfer. Dr.Mini M.G and Dr.Jayasree V.K, Associate Professors in Electronics engineering and Mr.Kannadas, Assistant Professor in Mechanical Engineering joined this institution. Sri Rajeevan A.K, Asst. Professor in Electrical Engineering has rejoined after completing his tenure under sponsorship for Ph.D The list of faculty is provided in the following table:

Table 2.14

Sl.No	Name	Designation	Status
1	Dr. P. Sureshkumar	Principal, Additional Director IHRD	
2	Dr. Mini M.G.	Associate Professor in Electronics Engg	
3	Dr. Jayasree V.K	Associate Professor in Electronics Engg	
4	Dr. Rajesh M.V.	Associate Professor in Electronics Engg	LWA
5	Sumitha Mathew	Associate Professor in Electronics Engg	QIP
6	Sri. Jayadas C.K.	Associate Professor in Electronics Engg	
7	Sri. Sreekumar K.	Assistant Professor in Electronics Engg	
8	Sri. Irshad Ali T.K.	Assistant Professor in Electronics Engg	QIP
9	Smt. Jasleena C.	Assistant Professor in Electronics Engg	LWA for Study Purpose
10	Smt. Anupama A.	Assistant Professor in Electronics Engg	LWA for Study Purpose
11	Smt. Remya S.	Assistant Professor in Electronics Engg	LWA for Study Purpose
12	Sri. Mohammed Illiyas H.	Assistant Professor in Computer Science	
13	Sri. Rejin Joseph	Assistant Professor in Computer Science	
14	Smt. Greeshma N. Gopal	Assistant Professor in Computer Science	
15	Smt. Janu R. Panicker	Assistant Professor in Computer Science	
16	Smt. Anitha M.A.	Assistant Professor in Computer Science	QIP
17	Sri. Rajeevan A.K.	Assistant Professor in Electrical Engg	

18	Smt. Elizwa Laiju	Assistant Professor in Electrical Engg	
19	Dr. Rajesh V.G.	Associate Professor in Mechanical Engg	
20	Sri. Sreenivas P.	Assistant Professor in Mechanical Engg	QIP
21	Sri. Kannadas	Assistant Professor in Mechanical Engg	
22	Smt. Sandhya P. Gopal	Assistant Professor in Mechanical Engg	
23	Smt. Sarakutty K.J.	Associate Professor in Mathematics	
24	Sri. Priyakumar T.N.	Associate Professor in Mathematics	
25	Smt. Radha Balakrishnan	Assistant Professor in Mathematics	
26	Sri. Ajay Nath S.A.	Assistant Professor in Electronics Engg	On Contract
27	Sri. Anoob B.	Assistant Professor in Electronics Engg	„
28	Sri. Biju P.	Assistant Professor in Electronics Engg	„
29	Smt. Anaswara V. Nath	Assistant Professor in Electronics Engg	„
30	Smt. Athiramol S.	Assistant Professor in Electronics Engg	„
31	Smt. Deepika R.	Assistant Professor in Electronics Engg	„
32	Smt. Femina P.T.	Assistant Professor in Electronics Engg	„
33	Smt. Greeshma K.V.	Assistant Professor in Electronics Engg	„
34	Smt. Reshma Mary Jose	Assistant Professor in Electronics Engg	„
35	Smt. Rijimol Mathew	Assistant Professor in Electronics Engg	„
36	Smt.. Sreedhu T. Sasi	Assistant Professor in Electronics Engg	„
37	Anu Augustine	Assistant Professor in Electronics Engg	„
38	Vasanth Kumar	Assistant Professor in Electronics Engg	„
39	Najmal	Assistant Professor in Electronics Engg	„
40	Judith Mishal	Assistant Professor in Electronics Engg	„
41	Sri. Lomin Joy V.	Assistant Professor in Computer Science	„
42	Smt. Asha Thomas	Assistant Professor in Computer Science	„
43	Smt. Aswathy V. Shaji	Assistant Professor in Computer Science	„
44	Smt. Josna Jose	Assistant Professor in Computer Science	„
45	Smt. Joyce Jose	Assistant Professor in Computer Science	„
46	Smt. Juddy Ann Joy	Assistant Professor in Computer Science	„
47	Smt. Lekha N.K.	Assistant Professor in Computer Science	„

48	Smt. Meera M.	Assistant Professor in Computer Science	„
49	Smt. Renu Krishnan	Assistant Professor in Computer Science	„
50	Smt. Santhi Krishna M.S.	Assistant Professor in Computer Science	„
51	Sri Vimal Vinod	Assistant Professor in Computer Science	„
52	Sri. Manu madhavan	Assistant Professor in Electrical Engg	„
53	Smt.. Meera E.	Assistant Professor in Electrical Engg	„
54	Rani T.R.	Assistant Professor in Electrical Engg	„
55	Sandhya T.	Assistant Professor in Electrical Engg	„
56	Smt. Veena Mathew	Assistant Professor in Electrical Engg	„
57	Sri. Vishnu V.S.	Assistant Professor in Electrical Engg	„

Consequent to the transfer of the above faculty members, the HODs, TEQIP coordinator, nodal officers and heads of various committees were changed as listed below; accordingly all the TEQIP committees are reconstituted (See annexure III)

TEQIP Coordinator	Dr Mini M.G
Procurement Coordinator	Dr.Jayasree V.K.
Academic coordinator	Dr.Rajesh V.G
Finance coordinator	Mr.Jayadas C.K
HOD, Dept of Electronics Engg.	Dr.Mini M.G
HOD, Dept of Computer Science	Mr.Muhammed Illias
HOD, Dept. of Electrical Engg	Ms.Eliswa Laiju

Action Sought:

The BOG may kindly note.

2.17 OFFICIAL TEQIP PROGRAMMES ATTENDED

Dr. Suresh Kumar P, Principal, TEQIP Coordinator and Head Department of Electronics Engineering, Dr Mini M.G, Procurement Coordinator, Dr.Jayasree V.K., Academic coordinator, Dr.Rajesh V.G, Finance coordinator Mr.Jayadas C.K, EAP coordinator Ms. Sarakkutty K.J, Heads of Departments of Computer Science and Electrical engineering Mr.Muhammed Illias and Ms.Eliswa Laiju attended the QRM conducted by SPFU at Hotel Mascot , Thiruvananthapuram on 13th and 14th October 2015.

Action Sought:

The BOG may kindly note.

2.18 SECOND STATUTORY AUDIT OF CE CHERTHALA

The second statutory audit of CE Cherthala was conducted during August 4-6, 2015. The Audit report is attached as APPENDIX II.

Action Sought:

The BOG may kindly note.

2.19 STATUS OF IRG ACCOUNTS

As of date, an amount of Rs.2124708/- has been deposited in the four Corpus Accounts for TEQIP-II of CE Cherthala. The split up is as in the following table:

Table 2.15

Particulars	Amount In Rs
SBT 67262515481 (Corpus Fund)	680038
SBT 67262515628 (Faculty Development Fund)	481556
SBT 67262516519 (Maintenance Fund)	481558
SBT 67262516586 (Equipment Replacement)	481556
Grand Total	2124708

Action Sought: The BOG may kindly note.

2.20 SUMMARY OF EXPENDITURE

The expenditure incurred after the 8thBOG is listed in the following table::

Table 2.16

Expenditure summary after 8th BOG		
20-Aug-2015 to 30-Nov-2015		
Particulars	Debit	Credit
Incremental Operating Cost		509974.00
Operation and Maintenance	353376.00	
Catridge & Toner for Printers and Photostat Machines	129800.00	
Salaries	26798.00	

Consumable (Installing new Switch Rack)		1714918.00
Procurement	1714918.00	
Books & LRs & Software (E-Books)		902711.00
Equipment		197963.00
Assistantships		147138.00
FSD		46074.00
R & D		12835.00
Student Support		87290.00
Grand Total		3618903.00

The summary of the expenditure incurred till date is as follows:

Table 2.17

Expenditure summary	
01.04.2013 to 30.11.2015	
Particulars	Amount
Incremental Operating Cost	3640690.00
Procurement	51726920.00
Assistantships	5105825.00
Capacity Development	190461.00
FSD	4163638.00
III Cell	168721.00
R & D	185259.00
Reforms	898880.00
Student Support	1143240.00
Grand Total	67223634.00

Action Sought: The BOG may kindly note.

PART 3
DISCUSSIONS AND APPROVALS

3.1 PROCUREMENT PACKAGES PROPOSED TO BE CANCELLED

The table below shows the list of packages to be cancelled with reason for cancellation against each item

Table 3.1

Sl. No	Package Name	Package Code	Budgeted Amount	Actual Amount	Firm	Reason for cancellation
1	Lightning Arrester for Protection	TEQIP-II/KL/KL1G1 9/ 112-Shopping	800000	790390	M C Mathew, Saj Electric& Control, Ramankary	Purchase order given on July 22 nd , delivery period was 30 days, bank guarantee submitted on 7 th Sept, but item was not installed till date.
2	Water Purifier System	TEQIP-II/KL/KL1G1 9/ 123-Shopping	200000	196940	Nila Trading International	The supplied item is not confirming to the specification as per the purchase order
Total			1000000	987330		

Action sought: BOG may kindly take note and approve.

3.2 NEW PACKAGES TO BE INITIATED

Due to the cancellation of some packages, some more funds became available for procurement. Hence it is proposed to add the following packages .

Table 3.2

Sl.No	Package Name	Proc. Method	Budgeted Amount (Rs.)	Justification
1	Faculty Cabin with accessories	Shopping	746070	As per the guidelines for NBA accreditation it is mandatory to have staff cabins and two of the departments EC & CS are going for accreditation this year.
2	Surveillance camera system	Shopping	148640	For security reasons and for proper conduct of examinations
3	Raspberry pi2 kit with necessary accessories	Shopping	44000	For doing different student project work and research activities with dedicated applications for CS,EC,and EEE students in the college and also for R&D implementation of different projects
4	Test and Measuring Instruments	Shopping	155750	More number of lab set ups can be arranged in the basic labs so that no of students per batch can be reduced thereby provide more hands on experience in basic labs to each student
Total			1094460	

Action Sought:

The BOG may kindly approve.

3.3 Planned Academic Programmes for the next three months

The academic activities planned for the next quarter is as follows.

Faculty Development Programme – In-house –planned**Table 3.3**

Sl. No.	Title of the Programme	Department	Duration & date	No. of participants Expected			Co-ordinator	Expected Expenditure (Rs.)
				Own Institute	Other Institutes	Total		
1	Pedagogy	Applied Science	7 th to 9 th December 2015	50	0	50	Sarakkutty K.J	30000
2	Research trends in Electrical & Electronics	EEE	14 th to 16 th December 2015	25	5	30	Eliswa Laiju	30000
3	Estimation Theory	EC	17 th to 20 th December	35	5	40	Jayadas C.K	60000
4.	Hand on Experinece with Raspberry Pi		28-12-2015 to 01-01-2016	35	5	40	Rejin Joseph, Joyce Jose	1.2 lakh
5	Design & Engineering		28 th to 1 st Jan 2016	30	20	50	Dr.Rajesh V.G.	2.12
6	Electrical system design		12 th to 14 th Jan2016	25	5	30	Eliswa Laiju	30000
7	Tools for Computer Forencics Analysis	CS	18-01-2016 to 21-01-2016	35	5	40	Greeshma N Gopal, Vimal Vinod	1.2 lakh
8	Application of DSP in electrical engineering	EEE	28 th to 30 th Jan 2016	35	5	40	Eliswa Laiju	40000
9.	CISCO Networking Expertise	CS	08-02-2016 to 11-02-2016	35	5	40	Janu R Panicker, Josna Jose	1 lakh

10	Electrical drives and control	EEE	16 th to 19 th February 2016				Eliswa Laiju	40000
11	Opto Electronics	EC	4 days February 2016	35	5	40	Jayasree V.K, Anjali R	60000
12	VLSI Hardware	EC	3 days March 2016	40	5	45	Jayadas C.K, Anoob B	60000

Faculty Development Programme – Outstation –planned

Table 3.4

Sl. No.	Name	Designation	Department	Host Institute	Programme Title	Duration & Date	Expenditure (Rs.)
1.	Rajesh V.G..	Associate Professor	ME	IIT Mandi	Applied CFD and Applied MEM	Jan 18-24 ,2016	40000
				IIM Lucknow	Management Capacity Development	Feb 2016	50000
2.	Kannadas P.K	Assistant Professor	ME	IIT Mandi	Applied CFD and Applied MEM	Jan 18-24 ,2016	40000
				IIT Chennai	Pedagogy	Feb 2016	20000
3.	Eliswa Laiju	Assistant Professor	EEE	KSEB, Moolamattom	Industrial familiarization programme for engineering faculty	2/12/2015 to 4/12/2015	12000
				IIM	MCEP	Jan 2016	35000
	Dr.Mini M.G	Associate Professor	EC	CE, Kidangoor	Outcome Based Education and NBA Accreditation	10-12 dec	15000
				IIM		Jan 2016	35000
4.	JayadasC.K.	Associate Professor	EC	IIT Kharagpur	Short term Course on Research Methods & Data Analysis	Feb 2016	35000
5.	Sarakkutty K.J	Associate Professor	Applied Science	IIM	MCEP	Feb 2016	35000

6..	Anoob B	Assistant Professor	EC	IIT, Chennai	Pedagogy	Dec 2015	3000
7..	Vasanth Kumar	Assistant Professor	EC	IIT	Pedagogy	Dec 2015	3000
8.	Najmal	Assistant Professor	EC	IIT	Pedagogy	Dec 2015	3000
9.	Joyce	Assistant Professor	CS	IIT	Pedagogy	Jan 2016	3000
10.	Jaisy	Assistant Professor	CS	IIT	Pedagogy	Jan 2016	3000
11.	Rani	Assistant Professor	EEE	IIT	Pedagogy	Feb 2016	3000

Action Sought:

The BOG may approve the list of planned academic activities for the next three months.

3.4 PG SCHOLARSHIP

5 students of M.Tech SP students who were availing TEQIP PG assistance were not able to clear all subjects of their I semester and 1 student from M.Tech CSIS was unable to write her I semester exam due to health reasons. Hence their PG assistance was not issued from the last semester onwards. As per PIP the sanction of TEQIP PG assistance is done based on the norms set for PG GATE scholarship by AICTE. GATE scholarship is issued even if a student fails in one semester, on the basis of an undertaking from the student that he/she will clear the failed subjects in the next available chance. The above students have requested to extend this to TEQIP assistance also.

Action Sought:

The BOG may kindly take note and approve.

3.5 SEED MONEY SCHEME

Proposals were received from three of the faculty members of this college for seed money scheme and the proposals were sent to the SRA for evaluation and approval. Regulations and application form for the above is attached as annexure IV for consideration and approval by the BoG

Action Sought:

The BOG may kindly approve.

3.6 Fixing the tentative date of the X BOG meeting**Action Sought:**

The BOG may kindly fix a tentative date for the conduction of the tenth BOG meeting.

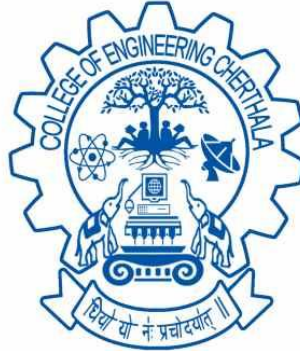
PART 4

**OTHER ITEMS WITH THE PERMISSION OF
THE CHAIR**

ANNEXURE 1

TECHNICAL EDUCATION QUALITY IMPROVEMENT PROGRAMME Phase II

Sub Component 1.1



**8th MEETING OF
THE BOARD OF GOVERNORS
APPROVED MINUTES**

Date: 20-08-2015

Time: 10.30 AM

Venue: Seminar Hall

**COLLEGE OF ENGINEERING CHERTHALA
PALLIPPURAM P.O., CHERTHALA-688 541, KERALA**

www.cectl.ac.in

Phone: +91 478 2553416

AGENDA

Part 1-Procedural

Sl. No	Items	Page Number
1.1	Confirming the Minutes of the 7 th Meeting of the Board of Governors held on 05-05-2015 at College of Engineering Cherthala, Alappuzha	6
1.2	Report on the action taken/action pending on the pertinent decisions in the 7 th Meeting of the Board of Governors held on 05-05-2015 at College of Engineering Cherthala	6

Part 2-Reports and Ratifications

Sl. No	Items	Page Number
2.1	Procurement Completed after the 7 th BOG meeting	10
2.2	Packages for which Purchase order has been issued.	10
2.3	In House Faculty Staff Development Programmes conducted	12
2.4	Out Station Faculty and Staff Development Programmes	13
2.5	IIC Programme conducted	15
2.6	Programmes conducted under EAP	16
2.7	Report on Faculty position	17
2.8	Official TEQIP Programmes attended	19
2.9	Ind Statutory Audit of TEQIP-II	19
2.10	Status of IRG Accounts	20

2.11	Summary of Expenditure	20
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Part 3-Discussions and Approvals

3.1	Procurement Packages proposed to be cancelled	23
3.2	New Procurement Packages proposed to be added	24
3.3	Planned Academic Programmes for the next three months	25
3.4	Progress in the proposed HIT on Java & Android	27
3.5	Revising the salary of the Junior Accountant for TEQIP-II	29
3.6	Reimbursement of Tuition and other fees for faculty upgrading qualification from B.Tech to M. Tech	29
3.7	Fixing the tentative date of the VIII BOG meeting	29

Part 4-Other items with the permission of the chair

Members present

1. Dr C P Girjavallabhan, Hon. Chairman.
2. Shri James Joseph, Jt. Sec., Finance, Government of Kerala (State Govt. Nominee)
3. Dr V P Devasia, Principal, Model Engineering College Thrikkakara
4. Sri Jacob Mathew, Vice President, Idea Cellular
5. Prof. Pradeep M, HOD, Electronics Engineering Dept.
6. Prof. Manilal D L, HOD, Computer Science and Engineering Dept.
7. Dr. P Suresh Kumar (Principal)

The following members of the BOG conveyed their inability to attend the meeting:

1. Shri. M Sherif , Addl. Sec. ,H. Edn, Government of Kerala (State Govt. Nominee)

2. Shri Salim M K, MD, Assuretech, Technopark, Thiruvananthapuram

The Director of SPFU Dr. V Gopakumar attended the meeting as a special invitee.

The meeting started with silent prayer at 10.30 AM.

The Hon'ble Chairman brought the meeting to order. The Chairman in his introductory note welcomed the BOG members. He expressed satisfaction at the progress in TEQIP-II activities in the college. Thereafter, the Hon'ble Chairman invited the Principal to introduce the agenda for the 8th BOG meeting. Principal Dr. P Suresh Kumar thanked the Hon'ble Chairman and presented the agenda for the meeting.

1.1 Confirmation of the Minutes of the 7th Meeting of the Board of Governors held on 5-05-2015 at CE Cherthala

Decision:

1. The BOG confirmed the approved minutes of 6th Meeting of Board of Governors of CE Cherthala held on 5-05-15.
2. It was also decided to circulate the minutes among all BOG members before sending to the Hon'ble Chairman for approval.

1.2 Report on the action taken/action pending on the pertinent decisions in the 7th Meeting of the Board of Governors held on 05-05-2015 at College of Engineering Cherthala

Discussion:

The BOG took note of the Action Taken Report (ATR) and approved. On a related note the Director of SPFU commented that the revised Institutional Development Plan (IDP), Governance Development Plan (GDP) and Master Plan for CE Cherthala should be discussed in the forthcoming BOG meetings and that the practice of presenting Annual Report on Institutional Performance should be started. The Principal reported that GDP and IDP were discussed in the previous meeting, but can be discussed in greater detail in the next meeting. The BOG took note of the draft brochures prepared for the proposed International Conferences in September 2016 and approved. The Hon'ble Chairman instructed to enlist resource persons from R&D institutions such

as NPOL for the conference in various capacities. The SPFU Director also instructed to report on the progress in the conduct of the International Conferences in the all the forthcoming BOG meetings. The SPFU Director also suggested that the expenditure for the Conferences should be audited by a Chartered Accountant and the expenditure for hiring a Chartered Accountant should also be included in the budget for the conferences. The Chartered Accountant maybe paid as per Government norms. The Hon'ble Chairman opined that the previous experience in the conduct of International Conference on Information Systems ICIS-14 by the College will definitely help. The Director said that although he was not able to attend the conference, he had understood from various reports that the conference was excellently conducted and said that the Principal, TEQIP Coordinator and the team behind the conference needed to be congratulated. The BOG unanimously approved this. The SPFU Director said that the BOG should discuss the proposal for giving prize money for the student contests proposed to be conducted along with the conference. He said that he was of the personal opinion that this should be done if the students are meritorious, as it will be a great encouragement for them. Dr. V P Devasia expressed apprehension whether this was within the ambit if the Institution to decide and whether such prize money can be given to students of other colleges also. Mr Jacob Mathew opined that such awards should be linked to the utility to the industry and to the society. The Director said that the BOG can make the appropriate decision which will be binding and that the students of other colleges also may be given the prize money, as the spirit of such events were to encourage research culture among students. The BOG approved this decision. The Director also asked whether it was necessary to explicitly mention in the ATR that contract faculty also be deputed for training. The Hon'ble Chairman opined that this is needed as the auditing firms seldom observe the spirit of the TEQIP programme and are concerned with rules framed for various activities. The Principal requested that an expert from Industry maybe coopted for making the Technical evaluation for the proposed High Intensity Training Programme on Java and Android and that the college had identified Mr. Shaiju MS, Senior Developer Mobility, Cognizant, who was an expert in the area of Java and Android for this purpose. The BOG approved this request. The BOG decided that the Hon'ble Chairman should write to the Director of IHRD regarding steps to be taken to improve faculty position, cadre ratio and infrastructure at College of Engineering Cherthala.

Decisions:

1. The ATR was approved.
2. The revised IDP and GDP will be discussed in greater detail.

3. Annual Report on the performance of the Institution will be prepared and presented in a forthcoming BOG meeting.
4. Master Plan for CE Cherthala will be prepared and presented in a forthcoming BOG meeting.
5. The Draft Brochures for the proposed International Conferences were approved.
6. Steps are to be taken to enlist resource persons from R&D institutions for the conduct of the conferences.
7. It was decided to hire a Chartered Accountant to audit expenditure for the proposed International Conferences and to include the expenditure for the hiring in the budget for the Conferences. The payment for the Chartered Accountant will be as per Government norms.
8. The BOG congratulated the Principal, TEQIP Coordinator and the team behind ICIS 2014 for its excellent conduct.
9. The BOG approves to give prize money for various student contests proposed along with the conferences.
10. The BOG decided to include an expert from Industry, Mr. Shaiju MS, Senior Developer Mobility, Cognizant, an expert in the area of Java and Android in the committee for making the Technical Evaluation for the HIT on Java and Android.
11. The Hon'ble Chairman will write to the Director of IHRD regarding steps to be taken for improving faculty position, cadre ratio and infrastructure at College of Engineering Cherthala.

2.1 Procurement Completed after the 7th BOG meeting

Discussion:

The BOG noted the procurement completed and gave its approval for the expenditure incurred. The Director of SPFU instructed that the statistics of E-Book usage and utilization of the ID Card Printer should be reported in the next BOG meeting. The Librarian should be instructed to keep records of E-Journal and E-Book usage from the Publishers updated and to update all records periodically.

Decision:

1. The BOG took note of the procurement completed after the 7th BOG meeting and approved all expenditure made in this regard.

2. The statistics of E-Book usage and utilization of the ID Card printer is to be reported in the next BOG meeting.
3. The Principal will instruct the Librarian to keep utilization records of all E-Journals and E-books updated, which are to be obtained from the publisher.

3.2 Packages For Which Purchase Orders Have Been Issued

Discussion

The BOG took note of the packages for which purchase orders were issued and ratified the changes mentioned in the agenda. The Hon'ble Chairman asked to report the status of the Campus Automation Software in the next BOG meeting.

Decision:

1. The BOG took note of the packages for which purchase orders were issued and ratified the changes mentioned in the agenda.
2. The Principal will report the status of the Campus Automation Software package in the next BOG meeting.

2.3 In House Faculty and Staff Development Programmes Conducted

Discussion:

The BOG noted the in-house programmes conducted and ratified expenditure in this regard. The Hon'ble Chairman brought it to the notice of all that 2015 was celebrated as the International Year of Light. Therefore the College should commemorate this with a talk on Optics and Opto-Electronics. The BOG unanimously approved and requested the Chairman to deliver a talk for the same being an internationally renowned expert in the area, to which he graciously agreed. The SPFU Director mentioned that 50 % of the membership fee for professional bodies maybe reimbursed to all faculty including contract faculty. The BOG approved this decision.

Decision:

1. The BOG took note of the in house faculty and staff programmes conducted and ratified the expenditure made in this regard.
2. It was decided to commemorate the International Year of Light 2015 with an expert

talk on the same, to be delivered by the Hon'ble Chairman.

3. It was decided to reimburse 50% of the expenditure incurred for taking membership in Professional Bodies to all faculty including contract faculty.

2.6 Outstation Faculty And Staff Development Programmes

Discussion:

The BOG took note of the programmes conducted and approved. The Principal introduced Dr. Rajesh V G, Associate Professor in Mechanical Engineering who was transferred to CE Cherthala. The Principal mentioned that Dr Rajesh V G had attended an International Conference of repute in the United States while he was working in the previous institution and that Dr Rajesh had sought clarification to whether the expenditure incurred for attending the conference can be reimbursed. The BOG decided that as the affiliation of Dr Rajesh V G in the communicated paper was to another institution, this was not permissible, and encouraged Dr Rajesh V G to continue his good work at CE Cherthala.

Decision:

The BOG took note of the outstation faculty and staff programmes conducted and ratified the expenditure made in this regard.

2.5 IIC Programmes Conducted.

Decision:

The BOG took note of the IIC programme conducted and instructed to present the expenditure incurred in the next BOG meeting.

a. Programmes Conducted Under EAP

Decision:

The BOG took note of the EAP programmes conducted and ratified expenditure.

2.7 Report on Faculty Position

Decision:

The BOG took note of the current faculty position.

2.8 Official TEQIP Programmes Attended

Decision:

The BOG took note of the programmes.

2.9 Second Statutory Audit Of CE Cherthala

Decision:

The BOG took note of the conduct of the Second Statutory Audit and instructed to present the report in the next BOG meeting.

2.10 Status Of IRG Accounts

Decision:

The BOG took note of the status of the four IRG accounts.

2.11 Summary of expenditure

Decision:

The BOG took note of the expenditure incurred after the expenditure incurred after the 7th BOG meeting and the total expenditure incurred till date and ratified.

3.1 Procurement Packages proposed to be cancelled

Discussion:

The BOG noted the reasons for cancelling the packages and approved. The Director opined that Information Display System was essential and if funds are available, this should be reinstated in the procurement plan.

Decision:

The BOG noted the reasons for cancelling the packages and approved

3.2 New Procurement Packages proposed to be added

Discussion:

The BOG noted the new packages for procuring goods and in view of the justification presented, approved their purchase. The BOG also further decided that the package “Chemicals for Chemistry lab” came under the category of consumables and that its purchase cannot be done through the procurement plan, as the maintenance of the location, asset and stock registers cannot

be done as done for goods. Therefore it was decided that “Chemicals for Chemistry lab” be purchased using the Incremental Operating Cost Component. It was decided to reallocate the budgeted amount of Rs 148260/- allotted for the same to purchase Information Display System.

Decision

1. The package Chemicals for Chemistry lab is to be purchased using IOC Component.
2. The package Information Display System is to be reinstated in its place.
3. The new packages proposed were approved, after noting the above two modifications.

3.3 Planned Academic Programmes for the next three months

Decision

The BOG noted the planned outstation and In house Academic programmes for the next three months and approved.

3.4 Progress in the proposed HIT on Java & Android

Decision

The BOG noted with appreciation the progress on the High Intensity Training Programme on Java & Android and congratulated the Principal and the TEQIP Cell for having taken the effort for the same, as it was the first attempt of this sort to be carried out under TEQIP in Kerala. The BOG wished all success for the venture and then approved and ratified all procedures done for the HIT programme on Java and Android.

3.5 Revising the salary of the Junior Accountant for TEQIP-II

Decision:

The BOG decided to revise the salary with effect from the date of the 8th Meeting of State Steering Committee of TEQIP-II as per the minutes of the 8th Meeting of State Steering Committee of TEQIP-II.

3.6 Reimbursement of Tuition and other fees for faculty upgrading qualification from B.Tech to M. Tech

Decision:

The BOG decided to reimburse the tuition fees, exam fees and all other Academic related fees for four Faculty members of the Electronics Department, Sri. Irshad Ali T K, Smt. Jasleena C,

Smt. Remya S and Smt. Anupama A who have joined for M.Tech Programmes to upgrade their qualifications. The BOG fixed the ceiling for the reimbursement of the tuition fee as Rs 45,000/- per semester which is the tuition fee in the merit category for Govt. self-financing Colleges in the state.

Other Matters discussed

Discussion:

The Principal brought to the notice of the BOG that the students of the College, Ms. Chinchu Thomas, Mr. Febin P Alex and Ms. Sreelakshmi S of M.Tech Signal Processing secured the first, third and seventh ranks in the university, and Ms. Roshny K R, Mr. Jayakrishnan R and Ms. Deepa S Nair of M.Tech in Computer and Information Science secured the second, fourth and eighth ranks in CUSAT for the year 2015.

Decision:

The BOG congratulated the students. It was decided to invite the students to the next BOG meeting where they will be formally congratulated for their achievements.

3.7 Fixing the tentative date of the IX BOG meeting

Decision:

The BOG decided to meet on a convenient date in the third week of November 2015.

The Hon'ble Chairman in his concluding remarks appreciated the quality of the deliberations of the VIIIth BOG meeting. He thanked all the members for attending the meeting and contributing to it by their valuable suggestions and comments. He once again commended the Principal and the TEQIP Cell of CE Cherthala for their good work. He hoped that this good work would continue. The Hon'ble Chairman called the meeting to end at 2.30 PM.

Dr C P Girijavallabhan

Chairman

Dr P Sureshkumar

Principal

ANNEXURE II

REPORT OF HIT ON JAVA AND ANDROID

NeST Information Technologies Private Limited was selected for conducting the High Intensity Training (HIT) on Java and Android. The contract was awarded on 15th September 2015 and was signed with NeST on 16th September 2015 for an amount of Rs.592800/- (Rs. 520000/- without taxes + Service taxes @ 14%: Rs.72800/-). The program started on 16th September 2015 with hands on training in Java. The classes were handled by Mr.Anand Maheshwaran and Mr.Pratheek MC and Ms.Lekha NM who was the course coordinator. There were 34 registered participants for the training. There were both theory and practical sessions. Assignments were given and an evaluation test was conducted for the students on 12th October 2015 on Java. The evaluation was followed by classes on Android till 16th October 2015. Sessions on Android also included both theory and lab sessions with more emphasis on practicals. The training came to an end on 19th October 2015 with a personality development class for the students by Mr.Benoy Paulose. Feed backs were taken by NeST group for both Java and Android. We also collected the feedback at the end of the classes and it was found to be good. As per the contract the NeST group raised a payment invoice for Rs.444600/- (75% of the contact amount) on 20th October 2015. They have organized two placement drives for the students till date and 5 students were placed in the first drive conducted by Brain Bits. 4 more students were recruited in the second drive conducted by SFO Technologies which is a flagship company of NeST.

Janu R Panicker
Coordinator- HIT
Assistant Professor in CS

ANNEXURE III

COLLEGE OF ENGINEERING, CHERTHALA**PROCEEDINGS**

College of Engineering, Cherthala –TEQIP – Phase II- Reconstitution of various TEQIP Committees – orders issued.

Order No.10/2015/TEQIP/Mis/2015	Dated : 01.10.2015
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On consequent transfer of various TEQIP Committee members to other IHRD institutions the existing TEQIP Committees are reconstituted with new members as on date noted against them.

Institutional Procurement Committee

- | | |
|-------------------------------|-----------------------------|
| 1. Dr Jayasree V K (Convener) | with effect from 22.09.2015 |
| 2. Shri Muhammed Ilyas | |
| 3. Prof Priyakumar T N | |
| 4. Dr.Mini M G | with effect from 22.09.2015 |
| 5. Prof Jayadas C K | |
| 6. Smt Elizwa Laiju | |
| 7. Smt Sarakutty K J | |
| 8. Smt Ancy Paul | |

Finance Committee

- | | |
|---|-----------------------------|
| 1. Prof Jayadas C K (Finance Coordinator) | |
| 2. Dr Mini M G | with effect from 22.09.2015 |
| 3. Dr Jayasree V K | with effect from 22.09.2015 |
| 4. Prof Priyakumar T N | |
| 5. Dr.Rajesh V G | with effect from 11.09.2015 |
| 6. Shri Rajesh N A | |

Procurement committee for purchase at Institutional Level

- | | |
|-------------------------------|-----------------------------|
| 1. Dr Jayasree V K (Convener) | with effect from 22.09.2015 |
| 2. Dr Mini M G | with effect from 22.09.2015 |
| 3. Prof Priyakumar T N | |
| 4. Prof Jayadas C K | |
| 5. Smt Sarakutty K J | |
| 6. Smt Ancy Paul | |
| 7. Bibin Raj | |
| 8. Telin Tom | |

Department Procurement Committee of Computer Science

1. Muhammed Ilyas (Convener)
2. Greeshma N Gopal
3. Madhusudana Kurup S.P.
4. Rejin Joseph with effect from 12.08.2015
5. Janu R Panicker with effect from 01.09.2015

Department Procurement Committee of Electronics

1. Dr.Mini M G (Convener) with effect from 22.09.2015
2. Dr.Jayasree V K with effect from 22.09.2015
3. Prof Jayadas C K
4. Shri George C Karamel
5. Smt. Ajitha Kumari P with effect from 10.08.2015
6. Shri.Sreekumar K

Department Procurement Committee of Electrical

1. Elizwa Laiju (Convener)
2. George C Karamel
3. Kannadas P K with effect from 26.08.2015
4. Sandhya P Gopal

Department Procurement Committee of Mechanical Engineering

1. Dr Rajesh V G (Convener) with effect from 11.09.2015
2. Shri.Kannadas P K with effect from 26.08.2015
3. Smt Sandhya P Gopal
4. Shri.Sundaresan V L
5. Shri Santhosh A J with effect from 19.08.2015

Library Committee

1. Smt Ancy Paul (Convener)
2. Prof. Jayadas C.K
3. Dr. Rajesh V G with effect from 11.09.2015
4. Dr. Mini M G with effect from 22.09.2015
5. Smt. Elizwa Laiju
6. Prof. Sarakutty K J

7. Smt.Raji R Nair

8. Bibin Raj

9. Telin Tom

Academic Committee

- | | |
|-----------------------------|-----------------------------|
| 1. Dr Rajesh V G (Convener) | with effect from 11.09.2015 |
| 2. Dr.Mini M G | with effect from 22.09.2015 |
| 3. Shri Muhammed Ilyas | |
| 4. Prof Jayadas C K | |
| 5. Smt Elizwa Laiju | |
| 6. Smt Sarakutty K J | |
| 7. Smt Greeshma N Gopal | |
| 8. Shri.Sreekumar K | |

Principal

To,

1. HODs
2. All TEQIP Committee Coordinators
3. The staff concerned
4. Accountant -TEQIP
5. SF/OC

ANNEXURE IV

College of Engineering Cherthala**TEQIP – II****Research Seed Money.****Guidelines**

1. The objective of this scheme is to provide financial assistance to faculty members to initiate research in frontier areas of engineering and technology under R &D.
2. Grant will be released to the Principal Investigator of the project.
3. The maximum duration of the project will be one year from the date of start of the project.
4. Assistance will be given to secure sponsored research and consultancy projects from other funding agencies or industries.
5. The maximum amount of seed money will be Rs. 1 lakhs per Principal Investigator.
6. Proposals for financial assistance will be screened and approved by the Research Guidance Committee (RGC).
7. The investigators shall make a presentation of the outcome of the research before RGC.
8. The maximum amount permissible to each Principal Investigator for the Research Assistance, eligibility, terms and conditions etc will be finalized by the RGC.
9. The progress report and utilization of funds shall be reported every three months.
10. The monitoring and evaluation of the research shall be carried out by the RGC.
11. The final report and statement of expenditure shall be submitted after successful completion of the project.
12. The whole or part of the granted money remaining unutilized within the prescribed time limit should be refunded.
13. Seed money can be used:
 - To meet travel expenses, boarding and lodging charges and sundry expenses/allowances of investigators as per applicable norms and rules.
 - To pay fees charged for availing research facilities (other than parent institution).
 - For buying consumables necessary for doing research.
 - To meet the expenses for preparing the project proposals to be submitted to funding agencies.
14. The investigator should submit at least one proposal to funding agencies like AICTE, DST etc. based on the research carried out using seed money.
15. The other outcomes of the project may be publication of research papers and obtaining patents.
16. A soft copy and four hardcopies of the proposal should be submitted.

College of Engineering Cherthala
TEQIP-II
Application format for Research Seed Money

1. Title of the Research Proposal :
2. Name of Principal Investigator :
3. Designation and Department :
4. Scale of pay, pay and total pay :
5. Email :
6. Contact number :
7. Name of Co-Investigator (if any) :
8. Designation and Department :
9. Scale of pay, pay and total pay :
10. Email :
11. Contact number :
12. Duration of the project :
13. Broad Subject area / Field of
Classification :
14. Project type(s) (Basic Research/
Applied Research/Developmental) :
15. Objectives of the Project (300 ch) :
16. Abstract (500 ch) :
17. Details of state of the art in the research area, literature review and any preliminary work
done by the investigator :
18. Work plan/ Methodology :
19. Whether the project was submitted to any other organization for financial support, if so, give
details.
20. The sources of funding the research project including funds from other agencies from which
financial assistance is obtained/expected to be obtained:
21. Budget estimate of the project

Sl.No.	Particulars	Amount in Rupees
1	Consumables	
2	Equipments	
3	Travel	
4	Contingencies	
5	Others	
Total		

22. Quantum of assistance expected from the TEQIP:

23. Whether grant under this scheme has been availed earlier by the investigator(s) :

(If so, provide details):

Declaration

Certified that the details furnished above are correct to the best of my knowledge and belief and that the amount of financial assistance, if granted, will be utilized for the purpose for which it is granted within the time prescribed by TEQIP-II. I also undertake to abide by the rules and other conditions prescribed by TEQIP-II.

Name and Signature of the Investigator(s)

Name and signature of Head of the Department

Department seal