

TECHNICAL EDUCATION QUALITY IMPROVEMENT PROGRAMME

Phase II

Sub Component 1.1

**10th MEETING OF
THE BOARD OF GOVERNORS**

DETAILED AGENDA NOTES

Date: 08-08-2014 Time: 02.00 pm

Venue: Government Engineering College Kozhikode

GOVERNMENT ENGINEERING COLLEGE Kozhikode

Westhill., Kozhikode-673 005 KERALA

Phone: 04952 383210 Fax: 04952 383210

Background:

The 10th meeting of the Board of Governors is being convened on 8th of August, 2014 focussing academic activities.

Also, the meeting of Board of Governors is convened regularly to monitor the progress of implementation of TEQIP-II activities at GEC Kozhikode, under Sub component 1.1, and to accord the necessary approvals and clearance for the on-going activities as required in the implementation guidelines of the scheme.

The agenda items are given below:

Agenda Items

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1	Appendix I Minutes of the BoG meeting held on 09-05-2014	

A1. Confirmation of the Minutes of the 9th Meeting of the Board of Governors held on 09-05-2014 at GEC Kozhikode

The Minutes of the 9th Meeting of Board of Governors of TEQIP Phase II of GEC Kozhikode held on 09-05-14 at GEC Kozhikode was sent to the Chairman and upon his consent copies were circulated among the other members of the BoG. A copy of the Minutes is appended as **Appendix I** for confirmation.

A2. Report on the action taken/action pending on the pertinent decisions in the Minutes of the 9th Meeting of the Board of Governors held on 09-05-2014 at GEC Kozhikode

The decisions taken by the Board as recorded in the Minutes of the 9th Meeting of the Board of Governors of TEQIP Phase II held on 09-05-2014 have been noted and actions have been initiated. A report on the action taken and actions pending is presented in the Table A2.I given below.

Table A2.I

Sl. No	Decision Item	Action Taken
1	National Conference on Emerging Trends in Engineering	Progressing and scheduled on 29 th and 30 th August 2014.
2	Fixing testing rate of equipment purchased under TEQIP II	Dr. Ushakumari, Associate Professor prepared the guidelines as per the Govt. rules.
3	NBA accreditation	Preparations progressing
4	ISO 9001:2008 certification of the institution	Progressing
5	Utilizing the service of Center for Research and Education for Social Transformation (CREST, Calicut) for SC/ST/OBC students	Pending

Part B
B1. Fund Position as on 31-07-2014

Sl. No	Head of Activity/Category of Expenditure	Amount Spent Lakhs `
1	Improvement in teaching, training and learning facilities	404.75
2	Providing Assistantship for increased enrolment in existing and new PG	19.09
3	Enhancement of R&D and Institutional Consultancy activities	1.90
4	Faculty and Staff Development (FSD)	39.44
5	Enhanced Interaction with Industry	8.71
6	Institutional Management Capacity Enhancement	5.21
7	Implementation of Institutional Reforms	12.13
8	Academic Support for weak students	6.10
9	Incremental Operating Cost	16.74
TOTAL		513.98

B2. Status of Faculty position as on 31.07.2014

Electrical and Electronics Department				
	Sanctioned Nos.	Available Nos.	Vacancy Nos.	Qualification
Associate Professor	1	1	0	1 Ph.D.
Assistant Professor	2	2	0	2 M. Tech
Applied Electronics Department				
	Sanctioned Nos.	Available Nos.	Vacancy Nos.	Qualification
Professor	1	1	0	1 Ph.D.
Associate Professor	3	3	0	3 M. Tech
Assistant Professor	9	8	1	8 M. Tech
Contract Faculty		9		9 M. Tech
Chemical Engineering Department				
	Sanctioned Nos.	Available Nos.	Vacancy Nos.	Qualification
Professor	2	0	2	
Associate Professor	4	2	2	2 Ph.D.
Assistant Professor	9	10	0	1 Ph.D., 8 M. Tech 1 B.Tech
Contract Faculty		3		3 M. Tech
Mechanical Engineering Department				
	Sanctioned Nos.	Available Nos.	Vacancy Nos.	Qualification
Professor	1	0	1	
Associate Professor	4	3	1	3 Ph.D.
Assistant Professor	9	11	0	1 Ph.D. 10 M. Tech
Contract Faculty		6		6 M. Tech
Civil Engineering Department				
	Sanctioned Nos.	Available Nos.	Vacancy Nos.	Qualification
Professor	1	0	1	
Associate Professor	3	3	0	3 M. Tech
Assistant Professor	9	6	3	1 Ph. D., 5 M. Tech
Contract Faculty		4		4 M. Tech
Applied Science Department				
	Sanctioned Nos.	Available Nos.	Vacancy Nos.	Qualification
Assistant Professor	8	8	0	4 Ph.D., 4 M. Sc.

Part C

CI. Procurement

CI.1. The department of Chemical Engineering has purchased Fluent Software (ANSYS CFD) under TEQIP II. The warranty had expired on 31/01/2014. Hence Dr. Ushakumary, Associate Professor, Chemical Engineering department submitted a proposal for 5 year AMC renewal (including latest version inclusion). The software is highly useful for UG and PG projects of Chemical and Mechanical Engineering department. For 5 year AMC renewal, the cost is Rs. 3,30,000.00 (Three lakh thirty thousand only).

Decision needed: The BOG may consider the proposal and may permit for 5 year AMC renewal under the head “Incremental Operating Cost (IOC)”.

CI.2. Ratification of procurement packages for which the actual cost exceeded the estimated amount

Following procurement packages submitted for ratification

1. Package No.150 (Biomass Gasifier) the estimated amount was Rs.6,50,000/-. The lowest quote received was for Rs.7,20,000/-
2. Package No.151 (Conference Table & Chairs), the estimated amount was Rs.3,07,500/-. The lowest quote received was for Rs.3,11,600/-

Reason: The estimates for the said packages were prepared during June 2013& purchase procedures were delayed due to shortage of fund.

Decision needed: The board may kindly ratify.

CII. Discussions and Considerations of activities under Research and Development and institutional consultancy

CII.1. The 8th Board of Governors meeting approved to organize a “**National Conference on Emerging Trends in Engineering**” in August 2014. Subsequently Dr. Gigi Sebastian, Chemical Engineering department has been appointed as Convenor of the proposed conference. An approximate estimate of the conference (as per NPIU/SPFU guidelines) is given below.

Sl. No.	Particulars	Amount Rs.	
1	Honorarium for Speakers	20000	
	Honorarium for Chairs	45000	65000
2	TA/DA+ Accommodation speakers	60000	
	TA/DA+ Accommodation chairs	15000	75000
3	Stage and Public address system		50000
4	Registration Kit		40000
5	Printing		
	Brochure	11000	
	Certificates	7000	
	Banner	7000	
	Conference Schedule	2000	
	Badges	4000	
	Proceeding _ CD	35000	
	Proceeding - Book (10 nos.)	5000	71000
6	Video , photo etc. for documentation		12000
7	Food		80000
8	Stationary		5000
9	General arrangements		20000
10	Transportation of guest		20000
11	Miscellaneous		12000
Total			4,50,000.00

Decision needed: The BoG may consider and approve the budget.

CII.2. Under the guidance of **Prof. L.M. Patnaik**, the Senior Research Advisor (**SRA**) and Research Guidance Committee of the institute, research activities are progressing. Dr. Abdul Hameed, R&D Coordinator has arranged **second** screening committee meeting for new research proposals and review meeting of the on-going projects on 30th August 2014.

Decision needed: The BoG may consider and approve the program.

CII.3. Request for Publication expenditure.

1) *Title of the manuscript: “A solution for the analysis of RC frames structures with in filled frames under dynamic load.* Author: Rahmathulla Noufal E, Civil Engineering Department.

Title of the journal: International Journal of Engineering Research and Technology-IJERT, ISSN: 2278-0181, Published by: ESRSA publication, Impact factor: 1.76 (2012-13)

Publication fee: Rs. 2700/-

2) *Title of the manuscript: “Parametric investigation of the effect on base shear of multi-storeyed reinforced concrete frame works”.* Author: Rahmathulla Noufal E. Civil Engineering Department.

Title of the journal: International Journal of Civil Engineering and Technology-IJCIET ISSN: 0976-6308, Published by: IAEME publication, Impact factor: 5.3277 (2013)

Publication fee: Rs. 10,000/-

Decision needed: The BoG may discuss and consider the above proposals.

CIII. Equity Action Plan

CIII.1. The 8th Semester university result and academic status of final year students are given below.

2010-14			
S8 University Result			
Branch	No. of students appeared	No. of students passed	% pass
Mechanical	69	59	85.51
Civil	69	60	86.95
Chemical	68	55	80.88
Applied Electronics	69	64	92.75

2011-15 (Present Final year batch)				
University Result up to 5th Semester				
Civil Engineering				
Category	No. of students	No. of students cleared up to 5th semester in Ist attempt	No. of students cleared up to 5th semester in multiple attempts	% Pass
General	14	13	13	92.85
SC	6	0	2	33.33
ST	2	0	1	50.00
OBC	46	35	40	86.95
Female	50	37	44	88.00
Male	18	11	12	66.67
Total	68	48	56	82.35

2011-15 (Present Final year batch) University Result up to 5th Semester Applied Electronics and Instrumentation				
Category	No. of students	No. of students cleared up to 5th semester in Ist attempt	No. of students cleared up to 5th semester in multiple attempts	% Pass
General	14	5	10	71.41
SC	7	0	2	28.57
ST	0			
OBC	46	15	24	52.17
Female	42	16	28	66.66
Male	25	4	8	32.00
Total	67	20	36	53.73

2011-15 (Present Final year batch) University Result up to 5th Semester Chemical Engineering				
Category	No. of students	No. of students cleared up to 5th semester in Ist attempt	No. of students cleared up to 5th semester in multiple attempts	% Pass
General	10	8	8	80.00
SC	8	0	0	0.00
ST	0			
OBC	50	35	41	82.00
Female	27	17	20	74.07
Male	41	26	29	70.73
Total	68	43	49	72.06

2011-15 (Present Final year batch)				
University Result up to 5 th Semester				
Mechanical Engineering				
Category	No. of students	No. of students cleared up to 5 th semester in 1 st attempt	No. of students cleared up to 5 th semester in multiple attempts	% Pass
General	2	2	2	100.00
SC	7	2	4	57.14
ST	1	0	0	0.00
OBC	58	35	36	62.07
Female	0			
Male	68	39	42	61.76
Total	68	39	42	61.76

CIII.2. The 9th BoG meeting held on 09-05-2014 has approved Equity Action Plan for academic support for students and decided to arrange Soft skill and professional skill training programs. Consequently we have arranged two such training programs, one for 3rd semester and one for 5th semester students (Expenditure as per the existing norms).

Decision needed: The BoG may consider and ratify the above programs.

CIII.3. From 26th to 28th June 2014, our second round of performance and data auditing were completed. The performance auditor concerned about the very low placement status of the institution. After interactions with UG students and faculty members, performance auditor suggested to arrange programs for final year students to improve the proficiency in competitive examinations.

CIII.4. Mathematics classes for 3rd semester Lateral Entry students

Decision needed: The BoG may consider and approve such programs.

CIV. Faculty and Staff Development Program

CIV.1. Training program attended by faculty and Staff members (May – August 2014)

Sl. No	Name	Training provider/Venue	Duration and date	Name of program
1	Abdul Hameed K.M. Professor ECE Dept.	Calicut	19-21 June 2014	Contemporary issues in Accreditation of Engineering Programs
2	Bindima T., Asst. Professor, ECE Dept.	IIT Roorkee	30 th June - 4 th July 2014	Recent Advances in Computational Methods with Applications
3	Dr. Shaji K. Associate Professor ME Dept.	IIT Bombay	14-16 July 2014	Renewable energy Technologies
4	Prof. Biju I.K. Assistant Professor ME Dept.	IIT Bombay	14-16 July 2014	Renewable energy Technologies
5	Prof. Prajeeth Kumar Assistant Professor ME Dept.	IIT Bombay	14-16 July 2014	Renewable energy Technologies
6	Prof. Sreela P.K.	NIT Calicut	12-13 May 2014	Transportation Systems Engineering and Management
7	Lini T.R. Administrative Assistant	IIM Kozhikode	23-28 June 2014	Academic Leadership program for administrators
Technical Staff				
1	Sujith E. Trade Instructor	Central Institute of Fisheries Technology, Cochin	01-13 August 2014	Modern Analytical Techniques in Bio Chemistry
2	Bijina K.P. Tradesman	Central Institute of Fisheries Technology, Cochin	01-13 August 2014	Modern Analytical Techniques in Bio Chemistry
3	Rajeesh P. Tradesman	FCRI Palakkad	07-08 August 2014	Course on Metrology
4	Rajagopalan P.M.. Tradesman	FCRI Palakkad	07-08 August 2014	Course on Metrology

Decision needed: The board may kindly ratify the above programs.

CIV.2. Proposals for participation in international conferences for paper presentation.

1. Prof. Shajeemohan B.S., Associate Professor, Electronics department to participate and present paper at the IEEE sponsored 2nd International Conference on Intelligent Systems and Image Processing 2014 – ICISIP 2014, organized by Institute of Industrial Application Engineers (IIAE), Japan during 27-29th September 2014.
2. Prof. Sreeletha G., Assistant Professor, Electronics department to participate and present paper at the IEEE International Conference on Signal Processing, Communication and Computing 2014 – ICSPCC 2014, Guilin, China during 5-8th August 2014.
3. Prof. R. Noufal, Assistant Professor, Civil Department. ICESE 2014: International Conference on Earthquake and Structural Engineering, December 18-19, Bangkok, Thailand. Title of the paper: “Parametric investigation of the effect of in fills in the dynamic responses of multi-storeyed RC framed structures”.
4. Prof. Seena P., Associate Professor, Civil Department. International Conference at IIT Delhi, 22nd to 24th December 2014.
5. Prof. Dileep Kumar P.G., Assistant Professor, Civil Department. International Conference on Energy, Environment, Materials and safety at CUSAT, 10th to 12th December 2014.

Decision needed: The board may kindly discuss and consider the above proposals.

CIV.3. Proposals for in house staff development Programs.

Sl. No	Name of the training program	Duration and date	Expected No. of participants	Name & Designation of the resource person
1	Staff Development Program - Computer Networking and Maintenance <u>Co-ordinators:</u> Abid Tharavattath (Computer Programmer) Shibu P M (Tradesman, AEI)	22-26 Sep 2014 (5 days)	30	Mr. Binesh B , Computer Programmer , GEC Wayanad Mr. Pramod Kumar , Instructor , Keltron IT centre , Kozhikode Mr. Abid Tharavattath , GEC Kozhikode Mr.Sharafudheen A , Computer Programmer , CET

2	Staff Development Program - Computer Assembling & Trouble Shooting Co-ordinators: Salma A.P. (Trade Instructor, Electronics) Shyni M K (Trade Instructor, Electronics)	13-17 Oct 2014 (5 days)	30	Mr.Pramod Kumar , Instructor , Keltron IT centre , Kozhikode Mr.Sharafudheen A , Computer Programmer , CET Mr.Vinod P , Demonstrator, KGPT Kozhikode Mr.Hameed K , Trade Instructor, KGPT Kozhikode Mr.Abid Tharavattath , GEC Kozhikode
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Mechanical Engineering Department

1. One day workshop on “Fire and safety”, Last week of August 2014, 40 participants, Coordinators – Mr. Hemachandran N. and Prof. Biju I.K.
2. Three days training programme on “AutoCAD”, Last week of September 2014, 20 participants, Coordinators – Mr. Hemachandran N. and Prof. Biju I.K.

Decision needed: The board may kindly discuss and consider the above proposals.

CIV.4. Guidelines for Faculty and staff development (FSD) programs

To maintain equity and giving equal opportunity to all staff members, following guidelines are proposing for Faculty and Staff development programs for the remaining project period.

1. Staff member can undergo maximum of 3 FSD programs (outstation) per academic year (July to June) subject to a maximum of 20 days per academic year.
2. A faculty member can attend two international conferences (for presenting paper) in abroad during project period.

Decision needed: The board may kindly discuss and suggest guidelines for FSD programs.

DI. Other Items

1. Discussion on second performance auditing report.
2. Appointment of Financial, Academic, and Monitoring and Evaluation nodal Officers.
3. Inclusion of faculty nominee in the board of governors subsequent to the transfer of Prof. V.I. Balasubramanian.