

TECHNICAL EDUCATION QUALITY IMPROVEMENT PROGRAMME

Phase II Sub Component 1.1

**12th MEETING OF
THE BOARD OF GOVERNORS**

MINUTES OF THE MEETING

Date: 13/03/2015 Time: 09.30 am

**Venue: Conference Hall, Rajiv Gandhi Institute of Technology,
Kottayam**

**RAJIV GANDHI INSTITUTE OF TECHNOLOGY
VELLORE P.O., KOTTAYAM-686501 KERALA
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Minutes of the 12thBoG meeting held on 13-03-2015.

Prof. (Dr) S Mohan, Professor, IIT, Chennai, the Chairman presided over the meeting.

The following members of the BoG attended the meeting:

Prof. (Dr) R.V.G Menon, Member

Prof. V. Santhakumari, Joint Director, representing the Director of Technical Education

Mr. M. Sherief, Additional Secretary to Government, Department of Higher Education.

Prof. (Dr) K P Indiradevi, Principal

Prof. (Dr.) Bino. I. Koshy, Member

Prof. Geetharenjin, Member

The meeting started with the welcome speech by Prof. (Dr) K P Indiradevi, Principal. Chairman, BoG, in his address stated that the performance of RIT Kottayam in the recent past has not been encouraging in terms of conduct of short courses, attending training programs by the faculty in outside institutions etc., and requested all the Principal and Head(s) of Departments to appraise all the faculty members the importance of the participation in the TEQIP activities and raise the performance level of RIT Kottayam to the earlier top level of performance. The Chairman also suggested that the first item of the Agenda B should be Review of the Institute's performance based on the TEQIP Criteria on Self-review as well as Good Governance Practices and should be implemented in the next BOG with due presentation on the same by the Principal / TEQIP co-ordinator, and the board approved the same.

Decisions on Agenda Items

A1. Confirming the Minutes of the 11th Meeting of the Board of Governors held on 05/12/2014 at Mascot Hotel Thiruvananthapuram.

The draft minutes of the 11th Meeting of Board of Governors of TEQIP Phase II of RIT Kottayam held on 05/12/2014 at Mascot Hotel, Thiruvananthapuram was sent to the Chairman with copy to the members. The Chairman approved the minutes. A copy of the Minutes is appended as **Appendix A1** for confirmation. Since there are no comments on the minutes from any member, it is resolved to approve the minutes of the 11th meeting of the BoG

A2. Report on the action taken/action pending on the pertinent decisions in the Minutes of the 11th Meeting of the Board of Governors held on 05/12/2014 at Mascot Hotel Thiruvananthapuram.

The decisions taken by the Board as recorded in the Minutes of the 11th Meeting of the Board of Governors of TEQIP Phase II held on 05/12/2014 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 A2.1

Item No	Sl. No	Decision Item	Action Taken
B1.1	1	The BoG approved One Workshop to be attended by faculty members (Outside the Institution). (ECE-1)	Attended -1

Part B

Items for Discussion, Consideration and Approvals

Sl. No	Items
B1	<p>Governance self-review and development plan.</p> <p>The Principal presented the Performance Assessment Report of the 4th JRM(Annexure B1). The Institution met 11 indicators against the target of 12. The BoG directed to present the Governance self-review with eligible points in the next meeting.</p>

DEVELOPMENT PLAN OF THE INSTITUTION (2012-17)

1. Infrastructure Development (Sanctioned):

- i. Construction of Computer Science Block
Administrative sanction received on 19/03/2012 for an amount of Rs. 690 Lakhs. The work is nearing completion.
- ii. Construction of Ladies Hostel under AICTE scheme
Sanction for an amount of Rs. 200 Lakhs received from AICTE during 2013-14. The work is nearing completion.
- iii. Construction of Architecture Block
Administrative sanction received on 06/12/2013 for an amount of Rs. 1103 Lakhs. The work is not yet started and the technical sanction is pending with superintending Engineer PWD.
- iv. Construction of Men's Hostel
Administrative sanction received on 05/03/2014 for an amount of Rs. 642 Lakhs. The work is not yet started and the technical sanction is pending with superintending Engineer PWD.
- v. Construction of Professor's Quarters
Administrative sanction received on 23/04/2014 for an amount of Rs. 323 Lakhs. The work is not yet started and the estimate is pending with Executive Engineer PWD.
- vi. Construction of Principal's Quarters
Administrative sanction received on 23/04/2014 for an amount of Rs. 75 Lakhs. The work is not yet started and the tendering process is in progress by the Executive Engineer PWD.

2. Infrastructure Development (Proposed):

- i. Construction of Lecture Hall Complex
Proposed under RIDF for an amount of Rs. 550 Lakhs.
- ii. Construction of Staff Quarters
Proposed under RIDF for an amount of Rs. 400 Lakhs.
- iii. Construction of Central Computing Facility
Proposed under RIDF for an amount of Rs. 150 Lakhs

3. Infrastructure Development (Proposed by PWD):

The PWD has proposed the following constructions for including in the budget 2015-16

- i. Construction of Ladies Hostel
- ii. Construction of College Auditorium

B2

iii. Construction of Compound Wall

BoG decision for B2(1-3) : The BOG is concerned about the delay of the projects & authorized Prof. Gymmy Joseph Kattoor, Department of Civil Engineering to closely monitor the progress and report in the next BoG.

4. New Courses

AICTE has sanctioned the following two PG Courses during 2015-16

1. Engineering Design – Mechanical Engineering
2. Power Engineering and Energy System- Electrical Engineering

University / Govt. approval pending.

BoG decision : The BoG discussed the affiliation of the institution to the new Kerala Technological University (KTU) and authorized the HoD's to submit the scheme and syllabus of the courses immediately to KTU for approval through the Principal

5. Setting up of New Laboratories

1. Civil and Electrical Works for the new CCF are in progress and expected to be commissioned by April 2015.
2. Equipments and software at a total cost of Rs. 26 Lakhs purchased for Language lab under NMEICT and the installation is in progress in Electrical Engineering block.
3. Extension of intranet/ internet facility provided to all hostels and blocks under TEQIP/ICT/Planfund

BoG decision : Noted the progress

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B3.Consideration of the various academic programs for the next 4months.

B3.1. STTP/Conference for faculty Outside the Institution (FSD)

SI No	Name of faculty	Designation	Topic	Institution	Date	Amt (Rs.)	BoG Decision
1	Dr. Vinish V Nair	Assoc Professor, CE	STTP onBio Medical Waste Management- Handling and safe disposal options	Engineering Staff College of India, Hyderabad	11-13 May 2015	31,000	Approved.
2	Gymmy Joseph Kattoor	Professor, CE	Project management in Construction Industry	Engineering Staff College of India, Hyderabad	22-25 June 2015	36,000	Approved
3	Jomy Thomas	Assistant Professor, CE	Project management in Construction Industry	Engineering Staff College of India, Hyderabad	22-25 June 2015	36,000	Approved
4	Dr. Bindhu B K	Assistant Professor, CE	CTSEM 2015- Paper titled Sample size	NIT Trichy	1-2, May 2015	10,000	Approved

			determination for speed measurements, a case study at Jai Sarai, New Delhi				
5	DrBino I. Koshy	Professor & Head , CE	CTSEM 2015- Paper titled An alternative methodology for traffic forecasting: Grey System Theory	NIT Trichy	1-2 May 2015	10,000	Approved
6	Sreelatha T	Assistant Professor, CE	CTSEM 2015- Paper titled Evaluation of pavement distress by laboratory tests.	NIT Trichy	1-2, May 2015	10,000	Approved
7	Dr. Biju Augustine P	Associate Professor, ME	Workshop on Statistical analysis for Engineers	IIT Kanpur	04-08 May 2015	30,000	Approved
8	Prof. Mary George	Prof. &Head, EEE	Grid Integration of Renewable Energy resources	IIT Delhi	18-19 April 2015	30,000	Approved
9	Dr. Prince A	Associate Professor, EEE	Grid Integration of Renewable Energy Resources	IIT Delhi	18-19 April 2015	30,000	Approved
10	Rajesh K	Assistant Professor. EEE	Solar PV System	PSG College of Tech., Coimbatore	26-29 March 2015	16,000	Approved
11	Shibukumar K B	Assistant Professor, CSE	Mobile Application Development Using Android	Engineering Staff College of India, Hyderabad	20 - 24 April 2015	35,000	Approved
12	Nisha KK	Assistant Professor, CSE	Workshop on Design and Analysis of Algorithms	IIITMK Technopark , Thiruvananthapuram	24-29 April 2015	17,000	Not Approved

13	Raji R Pillai	Assistant Professor, CSE	Workshop on Design and Analysis of Algorithms	IIITMK Technopark , Thiruvananthapuram	24-29 April 2015	17,000	Approved
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B3.2. International Travel Support Scheme.

14	Anish K. John	Assistant Professor, ME	International conference on Advances in Computational Heat Transfer	Rutgers University, Piscataway USA	25-29 May 2015	3,00,000	Authorized the Chairman to Approve the same subjected to satisfactory recommendation from the Head Department as well from the academic committee for due forwarding to SPIU.
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B3.3. STTP/Conference to be Conducted inside the Institution (FSD)

SI No	Name of faculty	Designation	Topic	Date	Amt(Rs.)	BoG Decision
1	Dhanya B S & Dr. Binumol Tom	Assistant Professor & Professor , CE	Bridging the gaps in structural conservation philosophy and practice of built heritage	5 days June 2015	2,00,000	Approved. (Revised the Topic as <i>Structural conservation philosophy and practice of built heritage</i> and limiting the expenditure to 150000/-)
2	Joy Varghese V M & Anwar Sadique	Assistant Professors , ME	Finite Element Analysis using ANSYS	5 Days-8 to 13 June 2015	1,25,000	Approved.

3	Dr.Vincent G & Sreelekha V	Professor, Assistant Professor, EEE	Grid integration of renewable energy system	3days 06-08 July 2015	1,00,000	Approved.
4	Dr. Manju Manuel/ Rajeev Rajan	Assistant Professor, ECE	STTP on Image Processing Tools	3 days 17-19, June 2015	50,000	Approved.
5	Dr. K P Indiradevi & Dr. C Sathish Kumar	Principal, Professor, CSE	Research Topics in Biomedical Signal Processing	5 days June 2015	1,28,000	Approved. (Suggested to Revise the topic as <i>Advances in Biomedical Signal Processing</i>)

Also it is decided to fix the ceiling of expenditure for STTP of 5 days duration as Rs 1.5 lakhs and for 3 days Rs. 1 lakh, after due deliberations.

B.3.4. EQUITY ASSURANCE PLAN

B3. 4.1.Details of programmes in progress

Common Courses

SI No	Subject	Sem	Name of Faculty	No. of hours planned/ conducted	No. of students attended	Remuneration of faculty @ Rs. 600/hr	Remarks
1	Engineering Graphics - supporting class for regular S1S2 students	Batch 1 of 2	G.Anil Kumar, Stgits College of Engg.	30	40	18000	Started for regular S1S2 students Feb-April 2015 CSE, ECE and Civil
2	Engineering Graphics - supporting class for regular S1S2 students	Batch 2 of 2	Tony Varghese, Amaljyothi College of Engg.	30	40	18000	Started for regular S1S2 students Feb-April 2015 ME&EE
3	Engineering Mechanics - supporting class for regular S1S2 students	Batch 1 Of 1	G.Anil Kumar, Stgits College of Engg.	15	40	9000	Started for regular S1S2 students Feb-April 2015 All branch
4	Engineering Graphics - for supplementary students	S1S2	Jenny Mathew, Stgits College of Engg.	30	25	18000	Started for Supplementary students from all branch (Feb-Apr 2015)
5	Engineering	S1S2	GigyAleyamma	15	15	9000	Started for

	Mechanics - for supplementary students		Thomas Asst. Professor(Ad-hoc), Dept. Of CE				Supplimentary students from all branch (Feb-Apr2015)
6	Mathematics Bridge course for 3rd semester Lateral Entry students	S3	Johnson Abraham & Jayaprasad, RIT	18	30	10800	*Conducted for Lateral entry students from all branch during July-August 2014
						82800	

Civil Engineering

SI No	Subject	Sem	Name of Faculty	No. of hours planned / conducted	No. of students attended	Remuneration of faculty @ Rs. 600/hr	Remarks
1	Fluid Mechanics I	S3	GigyAleyamma Thomas	18	60	10800	*conducted for the regular students during semester break (Jun-Jul2014)
2	Surveying	S3	GigyAleyamma Thomas	29	60	17400	*conducted for the regular students during semester break (Jun-Jul2014)
3	Fluid Mechanics I	S3	GigyAleyamma Thomas	15.5	2	9300	*conducted for supplementary students during Aug-Oct 2014
4	Structural Analysis I	S5	RoshinaBabu	19	7	11400	*conducted for supplementary students during Aug-Oct 2014
5	Quantity Survey and Valuation	S5	Vipin V V	15	3	9000	*conducted for supplementary students during Aug-Oct 2014
6	Surveying II	S4	Vipin V V	15	7	9000	Planned for supplementary students during March-April 2015
7	Civil Engineering Drawing	S4	GigyAleyamma Thomas	18	8	10800	Planned for supplementary students during March-April 2015
						77700	

Mechanical Engineering

SI No	Subject	Sem	Name of Faculty	No. of hours planned/ conducted	No. of students attended	Remuneration of faculty @ Rs. 600/hr	Remarks
1	Programming in C	S3	Rintu Jose	18	69	10800	*conducted for the regular students during semester break (Jun-Jul2014)
2	Programming in C	S3	Arun P Kuttappan	20	8	12000	*conducted for supplementary students during sep-oct2014
3	Advanced Mechanics of Materials	S5	Vipin G Krishna	11	6	6600	*conducted for supplementary students during sep-oct2014
4	Kinematics of machines	S5	Tony Varghese	12	8	7200	*conducted for supplementary students during sep-oct2014
5	Fluid Mechanics	S3	Anish K John	17	9	10200	*conducted for supplementary students during sep-oct2014
6	Hydraulic Machines	S4	Anish K John	15	10	9000	Planned for supplementary students during Jan-April 2015
7	Machine Drawing	S4	Sajumon K.T.	15	14	9000	Planned for supplementary students during Jan-April 2015
8	Thermal Systems	S6	Anish K John	15	12	9000	Planned for supplementary students during Jan-April 2015
9	Heat and Mass Transfer	S6	Vipin G Krishna	20	11	12000	Planned for supplementary students during Jan-April 2015
						64800	

Electrical Engineering

SI No	Subject	Sem	Name of Faculty	No. of hours planned/	No. of students	Remuneration of faculty @	Remarks

				conducted	attended	Rs. 600/hr	
1	Power System Analysis	S8	Sheenu Mariam Jacob	22	69	13200	*conducted for the regular students during semester break (Jun-Jul2014)
2	Advanced Power Systems	S8	Viji Joseph	18	69	10800	*conducted for the regular students during semester break (Jun-Jul2014)
3	Digital Signal Processing	S6	Sheenu Mariam Jacob	24	70	14400	*conducted for the regular students during semester break (Jun-Jul2014)
4	Linear System Analysis	S4	Viji Joseph	14	62	8400	*conducted for the regular students during semester break (Jun-Jul2014)
5	Electric Circuit Theory	S3	Radhika R	10.5	8	6300	*conducted for supplementary students during Aug-Oct 2014
6	Electronic Circuits	S3	Viji Joseph	11	6	6600	*conducted for supplementary students during Aug-Oct 2014
7	Electro Magnetic Theory	S4	ShanifaBeevi S	15	9	9000	Planned for supplementary students during Jan-April 2015
8	Digital Systems And Computer Organisation	S4	Rajesh K	15	10	9000	Planned for supplementary students during Jan-April 2015
						77700	

Electronics and Communication Engineering

SI No	Subject	Sem	Name of Faculty	No. of hours planned/ conducted	No. of students attended	Remuneration of faculty @ Rs. 600/hr	Remarks
1	Mathematics-II	S3	Jilu Jose	15	68	9000	*conducted for the regular students during semester break (Jun-Jul2014)
2	Digital System Design	S7	Nelsa Sebastian	20	9	12000	*conducted for regular students during Aug-Oct2014

3	Computer Programming	S3	Anish Babu K.K.	7	7	4200	*conducted for supplementary students during Aug-Oct2014
						25200	

Computer Science and Engineering

SI No	Subject	Sem	Name of Faculty	No. of hours planned/ conducted	No. of students attended	Remuneration of faculty @ Rs. 600/hr	Remarks
1	Electronic Devices and Circuits	S5	Anu George	12	11	7200	*conducted for regular students during Aug-Oct2014
2	Switching Theory and Logic Design	S3	Dr.Vineetha S.	15	9	9000	*conducted for supplementary students Aug-Oct2014
3	Digital Signal Processing	S5	Ebin M Manuel	10	8	6000	*conducted for supplementary students
4	Data Structures	S4	MrShibukumar	15	12	9000	Planned for supplementary students during Jan-April 2015
5	Theory of Computation	S4	SmtNisha K K	15	15	9000	Planned for supplementary students during Jan-April 2015
6	Design and Analysis of Algorithms	S6	SmtRaji R Pillai	15	12	9000	Planned for supplementary students during Jan-April 2015
						49200	

*Note: 1. Conducted as per the approval of the 9thBoG Meeting held on 20/05/2014

3. In addition to the above refreshment charges at Rs. 15 per head per day on actual basis

B3.4. 2.Details of programmes to be conducted (2015-16)

Civil Engineering

SI No	Subject	Semester	No. of hours	Average no of	Remuneration of	Study Material @	Total
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			planne d	students expected to register	faculty @Rs.600/h r	Rs.50/stude nt	
1	Mechanics of Solids I	S3	15	6	9000	300	9300
2	Fluid Mechanics	S3	15	6	9000	300	9300
3	Mechanics of Solids II	S4	15	6	9000	300	9300
4	Surveying II	S4	15	6	9000	300	9300
5	Structural Analysis I	S5	15	6	9000	300	9300
6	Quantity Survey and Valuation	S5	15	6	9000	300	9300
7	Structural Analysis II	S6	15	6	9000	300	9300
8	Design of Steel Structures	S6	15	6	9000	300	9300
TOTAL							74400

Mechanical Engineering

SI No	Subject	Semeste r	No. of hours planne d	Average no of students expected to register	Remunerat ion of faculty @Rs.600/h r	Study Material @ Rs.50/stude nt	Total
1	Strength of Material	S3	15	6	9000	300	9300
2	Programming in C	S3	15	6	9000	300	9300
3	Hydraulic Machines	S4	15	6	9000	300	9300
4	Electrical Technology	S4	15	6	9000	300	9300
5	Advanced Mechanics of Materials	S5	15	6	9000	300	9300
6	Kinematics of machines	S5	15	6	9000	300	9300
7	Heat and Mass transfer	S6	15	6	9000	300	9300
8	Control System	S6	15	6	9000	300	9300
TOTAL							74400

Electrical & Electronics Engineering

SI No	Subject	Semester	No. of hours planned	Average no of students expected to register	Remuneration of faculty @Rs.600/h	Study Material @ Rs.50/student	Total
1	Electric Circuit Theory	S3	15	6	9000	300	9300
2	Electronic Circuits	S3	15	6	9000	300	9300
3	Linear System Analysis	S4	15	6	9000	300	9300
4	Electromagnetic Theory	S4	15	6	9000	300	9300
5	Signals and Systems	S5	15	6	9000	300	9300
6	Power Electronics	S5	15	6	9000	300	9300
7	Control Systems	S6	15	6	9000	300	9300
8	Microcontrollers and Embedded Systems	S6	15	6	9000	300	9300
TOTAL							74400

Electronics and Communication Engineering

SI No	Subject	Semester	No. of hours planned	Average no of students expected to register	Remuneration of faculty @Rs.600/h	Study Material @ Rs.50/student	Total
1	Network Theory	S3	15	6	9000	300	9300
2	Solid State Devices	S3	15	6	9000	300	9300
3	Signals and Systems	S4	15	6	9000	300	9300
4	Analog Circuits II	S4	15	6	9000	300	9300
5	Control Systems	S5	15	6	9000	300	9300
6	Applied Electromagnetic Theory	S5	15	6	9000	300	9300

7	Digital Communication Techniques	S6	15	6	9000	300	9300
8	Digital Signal Processing	S6	15	6	9000	300	9300
9	Radiation and Propagation	S6	15	6	9000	300	9300
TOTAL							83700

Computer Science & Engineering

SI No	Subject	Semester	No. of hours planned	Average no of students expected to register	Remuneration of faculty @Rs.600/hr	Study Material @ Rs.50/student	Total
1	Switching Theory and Logic Design	S3	15	6	9000	300	9300
2	Electronic Devices and Circuits	S3	15	6	9000	300	9300
3	Theory of Computation	S4	15	6	9000	300	9300
4	Signals and Communication Systems	S4	15	6	9000	300	9300
5	Digital Signal Processing	S5	15	6	9000	300	9300
6	Engineering Mathematics IV	S5	15	6	9000	300	9300
7	Design and Analysis of Algorithms	S6	15	6	9000	300	9300
8	Internet Computing	S6	15	6	9000	300	9300
TOTAL							74400

Common Courses

SI No	Subject	Semester	No. of hours planned	Average no of students expected to register	Remuneration of faculty @Rs.600/hr	Study Material @ Rs.50/student	Total
1	Engineering Graphics -	Batch1 of 2	30	40	18000	6000	24000

	supporting class for regular S1S2 students						
2	Engineering Graphics - supporting class for regular S1S2 students	Batch2 of 2	30	40	18000	6000	24000
3	Engineering Mechanics - supporting class for regular S1S2 students	Batch 1 Of 1	15	40	9000	6000	15000
4	Engineering Graphics - for supplementary students	S1S2	30	25	18000	3750	21750
5	Engineering Mechanics - for supplementary students	S1S2	15	15	9000	2250	11250
6	Mathematics Bridge course for 3rd semester Lateral Entry students	S3	18	30	10800	4500	15300
TOTAL							111300

Note : In addition to the above refreshment charges at Rs. 15 per head per day on actual basis

BoG Decision:

The BoG observed that many of the proposals are offered for all the students of the class without assessing the actual requirement of the students as well as the classes were proposed to augment the regular classes.

As per the NPIU Guidance Brief - Improving the Academic Performance of Weak Students through the Equity Action Plan, it is suggested that “ *The performance of weak students is reviewed by the teacher during the semester, and efforts made to strengthen teaching, and/or provide extra teaching as needed. Reviewing student attendance in connection with performance, and advising students about attending classes, making up classes missed, and getting additional help is also useful.*”

The BoG directed to conduct the classes only for weaker students (who could not pass the subjects) considering the spirit of equity action plan as envisaged by NPIU.

B3. 5. Equity Action Plan- Placement Cell

Title	Schedule	No. of Days	Name of Firm	Beneficiary	Approximate Expense	Remarks
Aptitude training Programme-1	5-7June 2014	3	CL Educate Trivandrum	Final Year Batch 1	35,000	Rs. 10000 per day x 3 days + misl
Aptitude training Programme-2	5-7June 2014	3	Vertex career training academy	Final Year Batch 2	35,000	Rs. 10000 per day x 3 days + misl
Aptitude training Programme-3	12-14 June 2015	3	CL Educate Trivandrum	Final Year Batch 3	35,000	Rs. 10000 per day x 3 days + misl
Aptitude training Programme-4	12-14 June 2015	3	Vertex career training academy	Final Year Batch 4	35,000	Rs. 10000 per day x 3 days + misl
Training on programming Languages 1	19-21 June 2015	3	Mykila Technologies Cochin	Final Year Batch 1	35,000	Rs. 10000 per day x 3 days + misl
Training on programming Languages 2	26-28 June 2015	3	Mykila Technologies Cochin	Final Year Batch 2	35,000	Rs. 10000 per day x 3 days + misl
Training on programming Languages 3	3-5 July 2015	3	Mykila Technologies Cochin	Final Year CS Batch	35,000	Rs. 10000 per day x 3 days + misl
Softskill training Programme-1	10-12 July 2015	3	CL Educate Trivandrum	Final Year Batch 1	35,000	Rs. 10000 per day x 3 days + misl
Softskill training Programme-2	10-12 July 2015	3	Vertex career training academy	Final Year Batch 2	35,000	Rs. 10000 per day x 3 days + misl
Softskill training Programme-3	17-19 July 2015	3	CL Educate Trivandrum	Final Year Batch 3	35,000	Rs. 10000 per day x 3 days + misl
Softskill training Programme-4	17-19 July 2015	3	Vertex career training academy	Final Year Batch 4	35,000	Rs. 10000 per day x 3 days + misl
Company Specific Training Programme	24-25 July 2015	2	Focus Academy	Final Year Batch 1	25,000	Rs. 10000 per day x 2 days + misl
Company Specific Training	26-27 July 2015	2	Focus Academy	Final Year Batch 2	25,000	Rs. 10000 per day x 2 days + misl

Programme						
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BoG Decision: The Board noted that the firms are finalized in an adhoc basis. In this regard, the BoG suggested to give advertisement inviting proposals from various firms for the training and then the firms may be evaluated by a duly constituted committee by the Principal for this purpose. It was also decided that Prof. (Dr.) R.V.G Menon will represent the BoG in the committee.

B3.6. Industry Institute Interaction Cell(III Cell)

B3.6.1. Expert Lecture

Department of Civil Engineering

Sl No	Topic	Name of Coordinators	Industry	Prob Date of Programme	No of Days	Target Audience	No of Participants	Appx Amount	Expected Outcome
1	Value Engineering	Bindhu B K, AP	Ms. Anita Lukose, AGM and Head of Innovations, Sobha Developers, Bangalore	June, 2015	1	UG & PG (S7&M2)	80	20000	To expose the students to the concept of Value Engineering, how it is applied on design, products, processes and procedures
2	Advances in Geotextiles	Bindhu B K, AP	Ms. MinimolKorulla, Vice President-Technical, Maccaferri Environmental Solutions Pvt. Ltd., New Delhi	June, 2015	1	UG (S5&S7)	135	25000	To expose the students to the latest developments in geotextiles and geofabrics, their potential in the various fields of construction.

Department of Mechanical Engineering

Sl No	Topic	Name of Coordinators	Industry	Prob Date of Programme	No of Days	Target Audience	No of Participants	Appx Amount	Expected Outcome
1	Opportunities in Aeronautical Industry	R.Rajesh Asso.Prof	Lal Prasad (Helicopter Division) Deputy Manager 9 year	July 2015	1	S5	70	16000	To provide awareness about Opportunities in Aeronautical Industry

			HAL Bangalore						
2	Product Design Life Cycle	R.Rajesh Asso.Prof	Anumod K S Project Manager, 13 years SFC OEN Kochi	July 2015	1	S5	70	9000	Exposure to industry practice
3	Rocket Science	Raghunathan Rajesh, Associ: Prof	Suresh Nair,VSSC, TVM	April 2015	1	S3	64	9000	The session aims at motivating the first I year students to the aerospace field
4	Total Productive Maintenance	R.Rajesh Asso.Prof	MrBiju Thomas Materials Manager, 13 years of Experience in Cochin shipyard, kochi	Jun-15	1	S1	69	9500	To provide awareness in industrial practices in TPM

Department of Electrical Engineering

Sl No	Topic	Name of Coordinators	Industry	Prob Date of Programme	No of Days	Target Audience	No of Participants	Appx Amount	Expected Outcome
1.	Operation and Control of Thermal Power Plants	Dr. Prince A., Assoc: Prof	Praveen Kumar,Asst. Manager NTPC Ltd. Chennai	July 2015	1 day	UG (S8)	40	22000	Scope of Electrical Engineer in NTPC: Awareness
2.	Heavy Duty Electrical Machine Design	Prof. Rajesh K., AP	Mr.Ajay GhoshAsst. Engineer, BHEL Ltd., Trichy	July 2015	1 day	UG (S8)	45	25000	Awareness on Industrial Practices in HE machine Design

Department of Electronics & Communication Engineering

Sl No	Topic	Name of Coordinators	Industry	Prob Date of Programme	No of Days	Target Audience	No of Participants	Appx Amount	Expected Outcome
1	PCI Express	Sujithamol. S, Asst. Professor in ECE	Binu R. Chandran from HCL	June 2015	1	M.Tech	36	15000	Will make the students familiar to PCI Express (Peripheral Component Interconnect Express), officially abbreviated as PCIe, a high-speed serial computer expansion bus standard designed to replace the older PCI, PCI-X, and AGP bus standards.
2	Product Development using Embedded Systems	Sujithamol. S, Asst. Professor in ECE	Mr. AbhilashSuren dran from NeST	June 2015	1	S7 B. Tech	70	15000	Students will be able to understand the product development in Embedded Systems with focus on some embedded projects.
3	Internet of things & its Impact on Industry	Sujithamol. S, Asst. Professor in ECE	Mr. BalaChitoor, Cofounder and chief strategy officer, Future IP Labs Pvt. Bangalore	April 2015	1	S8 B. Tech	80	25000	MoU with the Dept. and Nurturing a TBI under their guidance.

Department of Computer science & Engineering

Sl No	Topic	Nature of Programme	Industry	Prob Date of Programme	No of Days	Target Audience	No of Participants	Appx Amount	Expected Outcome
1	Mobile Communications and IPV6	Shibu Kumar K B, AP	Raju K. K., BSNL (Regional Telecom Training Center), Thiruvananthapuram	June / July 2015	1	S5/S7 (UG) / S2 (PG)	80	12000	1. Students will get to know the recent developments in mobile communications. 2. Students will have a broader idea of the subject Computer Networks.
2	Big data and Analytics	Shibu Kumar K B, AP	JagannathGopinathan, Cognizant Technology Solutions (P) Ltd.,	June / July 2015	1	S5/S7 (UG) / S2 (PG)	80	27000	Students will have a better understanding on big data processing. They will have a closer look at the tools used for such projects in industry.

			Bangalore						
3	Industry Awareness, Unix in Industry	Shibu Kumar K B, AP	Rahul Ramachandran, Sonnus Networks, Bangalore	June / July 2015	1	S5/S7 (UG)	70	27000	Students will be able to understand and realise the actual operating environment and real solution finding strategy in industry, under various disciplines. Also they will be able to understand how Unix / Linux OS is used in industry (including various tools available in open
4	Software Testing in Industry	Shibu Kumar K B, AP	Nithin Eapen, Cognizant Technology Solutions (P) Ltd, Ernakulam	June / July 2015	1	S5/S7 (UG)	70	12000	Students will get the idea on the importance of software testing in industry. They will be introduced some tools for testing in industry. They will also get to know how structured testing is done
5	Software Testing in Industry	Shibu Kumar K B, AP	Ismail Askar, Poornam Info Vision Pvt. Ltd., Kochi	March / April 2015	1	S5, S7	70	12000	Students will have a better understanding of the subject. This will be beneficial to their academic projects also.

BoG decision : Approved the proposals.

B3.6.2 Industrial Visit

As per M.G university curriculum Industrial visit for students is mandatory. Visit is planned in Industries like Brahmos, HMT, HNL, Keltrol etc. The matter is discussed in the III cell committee meeting held on 09/03/15 and decided to request the BoG for sanction. Sanction may be granted towards actual travelling expenses of students. Approximate amount is estimated at Rs. 75,000/- (5 Branch X 60 Students X Rs.250 per student)

BoG decision: Approved the proposal. (Please check up whether such expenditure is allowable as per TEQIP norms)

B2.6.3 Skill Development Programme

A Skill Development programme is proposed to be conducted for 7 days during the first week for the current S8 Mechanical B-tech students 50(Nos) as part of TEQIP Phase –II. The

programme aims at imparting additional skills in addition to the knowledge and expertise acquired during their course as part of normal curriculum. This includes training for students on topics like **Computer Aided Manufacturing, Non Linear Analysis etc.** The details of the programme and financial expenditure are listed below

Schedule

Date	Topics	Faculty	Outcome
Day 1	Computer Aided Manufacturing	EDS & Dassault	Expect students to acquire knowledge in generating NC code automatically and interface it with CNC Machines
Day 2	CATIA Customisation	CADMArc/EDS Bangalore	Students are expected to acquire skill for writing macros and integrating it to the kernel for customization
Day 3	Training in CNC Milling and Turning Machine	Internal Faculty	Students will get practical knowledge in doing milling and turning work in CNC Machines
Day 4	Advanced Training in CFD	VSSC	Students will be trained to do analysis of rotating Machinery
Day 5	Advanced Training in CFD	VSSC	Students will be trained to do analysis of rotating Machinery
Day 6	DFM	Nest Cochin	To familiarize students the concept of DFM
June-16	Project management	Intercad/TataTea	To familiarize students with various project management package.

BoG decision : Deferred the proposal and directed to submit with budget estimate.

B3. 6.4 Revision of Non - GATE Scholarship:

The expert committee for bringing parity among existing scholarship schemes of UGC in its meeting held on 17th November 2014 has recommended the revised rates of GATE scholarships at 55% with effect from 01/12/2014 and the UGC has approved the same .

The Non-GATE Scholarship paid from TEQIP at Rs.6,000/- per month may be revised to Rs.9300/- (Rupees Nine Thousand Three Hundred Only) with effect from 01/12/2014.

BoG decision : The BoG recommended and authorized the Principal to write to SPFU for further direction in this regard.

Part C - Reports
C1. Status of fund position as on 28/02/2015

Fund Received – Rs. 750 Lakhs
Bank Interest - Rs. 7.7 Lakhs
TOTAL - Rs. 757.7 Lakhs

Sl. No	Activity	Budget Provision (Lakh)	Amount spent (Lakh)	Committed	Balance	Remarks
1	Procurement of Goods & Civil Works	550	513.96	33.17*	Nil	*DG Set Load Frame Modification to CCF
2.	Teaching & Research Assistantship	40	20.28	21.00*	Nil	*M Tech non GATE Scholarship -11 Students
3.	R&D	30	0.83	0.00	29.17	
4	Faculty & Staff Development	140	83.94	0.00	56.06	
5	III Cell	40	11.61	0.00	28.39	
6	Management Capacity Enhancement	30	5.31	0.00	24.69	
7	Institutional Academic reforms	30	19.90	0.00	10.10	
8	Academic support for weaker students	40	8.23	2.00	31.77	
9	Incremental Operating Cost	100	31.92	0.00	68.08	
TOTAL		1000.00	695.98	61.25		

It is noted that the Committed expenditure as on 28/02/2015 - **Rs. 61.25 Lakh**

BoG decision : Noted

Part D

Any other item with the permission of the Chair

1. Approval of seed money proposals.

The BoG approved the revised seed money proposals and permitted to release an amount of Rs. 50000/- (Rupees Fifty Thousand Only) as first installment.

2. The next BoG meeting

It is decided to conduct the next BoG meeting on 25th May 2015.

The meeting concluded at 2 P.M