

TECHNICAL EDUCATION QUALITY IMPROVEMENT PROGRAMME

Phase II

Sub Component 1.1

**11th MEETING OF
THE BOARD OF GOVERNORS**

DETAILED AGENDA NOTES

Date: 19-12-2014 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 11th meeting of the Board of Governors is being convened on 19th of December, 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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A1. Confirmation of the Minutes of the 10th Meeting of the Board of Governors held on 08-08-2014 at GEC Kozhikode

The Minutes of the 10th Meeting of Board of Governors of TEQIP Phase II of GEC Kozhikode held on 08-05-14 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 10th Meeting of the Board of Governors held on 08-08-2014 at GEC Kozhikode

The decisions taken by the Board as recorded in the Minutes of the 10th Meeting of the Board of Governors of TEQIP Phase II held on 08-08-2014 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 | Organized on 29 th and 30 th August 2014. |
| 2 | Second RGC meeting | RGC meeting organized on 30-08-14 |
| 3 | GATE Coaching | Progressing |
| 4 | Mathematics classes for lateral entry students | Progressing |

Part B
B1. Fund Position as on 30-11-2014

| Sl. No | Head of Activity/Category of Expenditure | Amount Spent Lakhs ` |
|--------------|--|-----------------------------------|
| 1 | Improvement in teaching, training and learning facilities | 505.03 (550) |
| 2 | Providing Assistantship for increased enrolment in existing and new PG | 42.67 (100) |
| 3 | Enhancement of R&D and Institutional Consultancy activities | 3.3 (20) |
| 4 | Faculty and Staff Development (FSD) | 46.88 (100) |
| 5 | Enhanced Interaction with Industry | 8.83 (40) |
| 6 | Institutional Management Capacity Enhancement | 5.23 (30) |
| 7 | Implementation of Institutional Reforms | 12.18 (20) |
| 8 | Academic Support for weak students | 8.93 (40) |
| 9 | Incremental Operating Cost | 21.75 (100) |
| TOTAL | | 654.71 (1000) |

B2. Status of Faculty position as on 30.11.2014

| 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 | 1 Ph.D., 2 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. |

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

CI.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. The 10th BOG meeting approved the budget of Rs. 4.5 lakhs for the conference. A brief report of the conference is given below

Report

The Second National Conference on Emerging Trends in Engineering, NET 2014

The national conference NET 2014 was held successfully during 29 -30 August 2014. The conference received a good response of 148 papers. All the papers received were peer reviewed by experts in the field. Based on the recommendations of reviewers 102 papers (22 internal) were accepted of which 73 were registered in the conference and these papers were published in the proceedings of the conference. Seventy external and forty internal authors registered for the conference. The faculty members and PG students attended the conference. The conference was organized in four streams:

NET – ES: Energy and Sustainable Technologies (Mechanical)

NET - GT : Green Technologies (Civil)

NET – PD : Process Developments (Chemical)

NET- SP : Systems and Signal Processing (Electronics)

Details of Papers and Presentations

| | No. of Papers Received | No. of Papers Accepted | No. of Papers Registered | No. of Papers Presented | No. of Internal Papers | No. of sessions |
|----------|------------------------|------------------------|--------------------------|-------------------------|------------------------|-----------------|
| NET – ES | 24 | 14 | 14 | 14 | 5 | 3 |
| NET - GT | 12 | 8 | 4 | 4 | 2 | 1 |
| NET – PD | 38 | 26 | 22 | 22 | 13 | 4 |
| NET- SP | 74 | 54 | 33 | 28 | 2 | 4 |
| Total | 148 | 102 | 73 | 68 | 22 | 12 |

The conference was inaugurated by **Prof. L M Patnik**, IISc. Bangalore. Following the inaugural function on 29th August, Prof. Patnaik delivered the first keynote address

highlighting the issues of technical education in India. On day 2, 30th August, four invited lectures were conducted, one each for the individual conferences. The papers were presented in 12 sessions. The conference came to an end with the valedictory function which was graced by a keynote address by Prof. M. Chidambaram, IIT Madras. Authors from 23 institutions participated in the conference.

Invited Lectures/ keynotes

| | Topic | Faculty |
|----------------------|--|--|
| Inaugural function | Prospects and Challenges of Technical Education in India | Prof. L M Patnik, IISc. Bangalore |
| NET – ES | Energy Efficient Buildings | Prof. Gangadhara Kiran Kumar L., NIT Calicut |
| NET - GT | Design of Tall Structures | Prof. N. Ganeshan, NIT Calicut |
| NET – PD | Multivariable Control Systems | Prof. M. Chidambaram, IIT Madras |
| NET- SP | Digital Signal Processing in Computational Photography | Prof. Tony Jacob, IIT Guwahati |
| Valedictory function | Process Modelling and Simulation | Prof. M. Chidambaram, IIT Madras |

Summary of Expenditure

| Item | Receipts | Expense |
|--------------------------------|-----------------|---------------|
| Amount from TEQIP | 4,50,000 | |
| Sponsorship for bag | 19,600 | |
| Registration fee | 38490 | |
| Expenditure for the conference | | 4,23,145 |
| Total | 5,08,090 | 4,23,145 |
| Balance | | 84,945 |
| Amount to IRG | | 38,490 |
| Refund to TEQIP account | | 46,455 |

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

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 arranged the **second** screening committee meeting for new research proposals and review meeting of the on-going projects on **30th August 2014**.

Following Research proposals have been approved by the RGC committee.

| S. No. | Name of the faculty | Project details | Sanctioned amount Rs. |
|--------|--|---|-----------------------|
| 1 | Dr. Anirudhan P., Mechanical Dept. | Reciprocating Wear Tester forbearing materials for snake type Sea energy converter | 25,000/- |
| 2 | Prof. Jassela S., Mechanical Dept. | Fluid flow and heat transfer analysis on flow boiling in mini/macro channel coated with carbon nanotubes | 1,31,000/- |
| 3 | Prof. Pradeep V., Mechanical Dept. | Solar Energy based Desalination plant with Flat Plate Collector and Parabolic Concentrator | 1,54,000/- |
| 4 | Prof. Sajeeb A.M. Mechanical dept. | Experimental investigation on solar still for increasing its productivity. | 25,000/- |
| 5 | Prof. Sajeeb A.M. Mechanical dept. | Development and analysis of composite materials | 79,780/- |
| 6 | Dr. Ushakumary E.R. Chemical Dept. | Detection of pesticides in fresh vegetables and fruit samples using Gas Chromatography - Mass Spectrometry | 1,90,000/- |
| 7 | Prof. Sindhu N. Chemical Dept. | Fast pyrolysis of Wood Biomass | 1,15,000/- |
| 8 | Prof. Noufal R. Civil Dept. | I-sand vs. River sand as fine aggregate in concrete: A comparison of strength, physical and chemical properties | 1,95,000/- |
| 9 | Dr. Anirudhan P., Mechanical Dept. | Inventory monitoring in a tank under agitation | 50,000/- |
| 10 | Prof. Saijal K.K., Mechanical Dept. | Aerodynamic Design Optimisation of Wind Turbine blade with Winglet | 42,000/- |

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

CII. Faculty and Staff Development Program

CII.1. Training program attended and organized by faculty and Staff members (August – December 2014)

| Sl. No | Name | Designation | Department | Training provider | Duration and date | Name of program |
|-------------------------------|----------------------|---------------------|------------|---|--|--|
| <u>Faculty members</u> | | | | | | |
| 1 | Ahamed Muneer | Assistant Professor | AE&I | ESCI Hyderabad | 24-27/11/2014 | Formulation of Research Initiatives for scientists & Technologists |
| 2 | Dr. Abdul Hameed K M | Professor | AE&I | IUAC (Research Centre under UGC) Delhi | 27 th Oct – 1 st Nov 2014 (5 days) | Computer interfaced science experiments |
| 2 | Asokan O V | Assistant Professor | AE&I | ESCI Hyderabad | 24-27/11/2014 | Formulation of Research Initiatives for scientists & Technologists |
| 3 | Jithesh.C.P | Assistant Professor | AE&I | ESCI Hyderabad | 24-27/11/2014 | Formulation of Research Initiatives for scientists & Technologists |
| 4 | K K Ammad | Assistant Professor | CE | Cochin University of Science & Technology | 10-12-2014 | International Conference of Energy, Environment, Materials and safety(ICEEMS'14) |
| 5 | Sreelekha M G | Associate Professor | CE | IIT Bombay | 10-12/12/2014 | Conference TPMDC 2014 |
| 6 | Ranjana | Assistant Professor | CH | ESCI Hyderabad | 24-27/11/2014 | Formulation of Research Initiatives for scientists & Technologists |
| 7 | Sajitha | Assistant Professor | CH | ESCI Hyderabad | 24-27/11/2014 | Formulation of Research Initiatives for scientists & Technologists |
| 8 | Sachithra | Assistant Professor | CH | ESCI Hyderabad | 24-27/11/2014 | Formulation of Research Initiatives for scientists & Technologists |
| 9 | Binu | Assistant Professor | CH | GEC Thrissur | 12-14 Nov 2014 | Advanced effluent treatment technologies |
| 10 | Syama S. | Assistant Professor | CH | GEC Thrissur | 10-12, Dec 2014 | Energy Audit and Management |
| 11 | Dr. Ramesh A.R. | Assistant Professor | AS | Kannur | 20-21 Oct 2014 | NPTEL workshop |
| 12 | Dr. Ramesh A.R. | Assistant Professor | AS | Trivandrum | October 31 | Workshop for Chemistry students and teachers by JNCASR, and IISER |

| <u>In house Programmes</u> | | | | | | |
|-------------------------------------|-----------------|----------------------|----|-----------------------|---------------|--|
| 1 | Hemachandran | Technical Staff | ME | GEC Kozhikode | 21-08-2014 | Young Entrepreneurs Summit 2014 |
| 2 | Dr Sajith P P | Professor | ME | GEC Kozhikode | 18-09-2014 | ISO Certification Workshop |
| 3 | Dr Sajith P P | Professor | ME | GEC Kozhikode | 14-10-2014 | Career Orientation Programme, S1S2 ME |
| <u>Administrative Staffs</u> | | | | | | |
| 1 | Janardhanan K.V | Administrative staff | | NITTTR, Chandigarh | 10-14/11/2014 | Short Term Course on Personality Development |
| 2 | Sreenivasan P.M | Administrative staff | | NITTTR, Chandigarh | 10-14/11/2014 | Short Term Course on Personality Development |
| 3 | Honeylal K.C | Administrative staff | | NITTTR, Chandigarh | 10-14/11/2014 | Short Term Course on Personality Development |

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

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

1. Dr. Sajith P.P., Associate Professor, “Investigations on Replacement of Fins with Straight Heat Pipes for High Power LEDs”, International Conference on Sustainable Design, Engineering and Construction 2015, Chicago, U S A, Publisher- Elsevier.
2. Prof. Saijal K.K., Assistant Professor, Mechanical Engineering department, Optimal Trailing edge flap length for helicopter vibration control, Paris, France, 07-03-2015.
3. Prof. R. Noufal, Assistant Professor, Civil Department. ICSTEM 2014: Investigating the Effect of Infill in Influencing the Dynamic Responses of Multi storied Structures, Paris, France, 07-03-2015”.
4. Prof. Ammed K.K., Assistant Professor, Civil Department. International Conference on Water Resources, Coastal and Ocean Engineering at NIT Suratkal, 12th to 14th March 2014.
5. Prof. Dileep Kumar P.G., Assistant Professor, Civil Department. International Conference on Water Resources, Coastal and Ocean Engineering at NIT Suratkal, 12th to 14th March 2014.

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

Proposals for Faculty and Staff development program

Outstation training programs for faculty and staff to be approved

| Sl. No | Name | Designation | Venue | Duration and date | Name of program/Reason |
|--------|-----------------|---------------------|-------------------------------------|-------------------|--|
| 1 | Sindhu N. | Assistant Professor | NITK, Surathkal | 27-30 Dec 2014 | Recent Challenges in Atmospheric & Earth Sciences |
| 2 | Syama S. | Assistant Professor | NITK, Surathkal | 27-30 Dec 2014 | Recent Challenges in Atmospheric & Earth Sciences |
| 3 | Sajitha C. M. | Assistant Professor | NITK, Surathkal | 27-30 Dec 2014 | Recent Challenges in Atmospheric & Earth Sciences |
| 4 | Beula C | Assistant Professor | Conference CHEMCO N 2014 Chandigarh | 27-30 Dec 2014 | Paper presentation, "Enhancement of Esterification of acetic acid with ethanol-Catalyzed by bronsted acidic ionic liquids" |
| 5 | Rajeesh P | Tradesman | FCRI, Palakad | 4-6, Feb 2015 | Advanced Flow Measurement & Instrumentation – Principles & Practice |
| 6 | Rajagopalan P M | Tradesman | FCRI, Palakad | 4-6, Feb 2015 | FCRI, Palakad |

| Sl. No | Name | Designation | Program type (Seminar/Conference/Workshop) | Name of the program | Duration and date |
|--------|-------------|----------------------------|---|---------------------|-------------------|
| 1 | Agnes Jacob | Associate Professor in ECE | IEEE sponsored International Conference, NIT Calicut, "Prosodic feature based speech emotion recognition at segmental and supra segmental levels" | IEEE SPICES 2015 | 19-21 Feb 2015 |

| Sl. No | Name | Designation | Training provider | Duration and date | Name of program |
|--------|-------------------|-------------------------|-------------------|--------------------------|-----------------------|
| 1 | Abid Tharavattath | Computer Programmer | NTTR Bhopal | 9-13 March 2015 (5 days) | Java Programming |
| 3 | Muralidhar P | Trade Instructor in ECE | ATI Mumbai | 23-27 Feb 2015 (5 days) | PLC (ABB) Programming |
| 4 | Mahesh C | Tradesman in ECE | ATI Mumbai | 23-27 Feb 2015 (5 days) | PLC (ABB) Programming |
| 5 | Jithesh P T K | Tradesman in EEE | ATI Mumbai | 23-27 Feb 2015 (5 days) | PLC (ABB) Programming |

| | | | | | |
|---|-----------|-----------------------|--------------------|-------------------------|---|
| 6 | Shanu M P | Tradesman Computer | NITTTR, Chennai | 29.12.14 to 02.01.15 | Preparation of Evaluation items for e-Content |
|---|-----------|-----------------------|--------------------|-------------------------|---|

In-house training programs to be approved

| Sl. No | Name of the training program | Duration and date | No. of participants | Name & Designation of the resource person |
|--------|---|----------------------|-----------------------|---|
| 1 | Workshop on Fluent | 3 days, January 2015 | 20 (In House Faculty) | From Industry/Institutions |
| 2 | Training on Fluent for B-Tech students. | 3 days, Feb 2015 | 20 | From Institution |

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

DI. Other Items

1. Discussion on Safety manual and its approval.
2. Discussion on Annual report of the institution.
3. Discussion on IIC activities.
4. Discussion on expenditure for minor items/consumables related to preparation for Accreditation.

MINUTES OF 10th MEETING OF THE BOG
GOVT. ENGINEERING COLLEGE KOZHIKODE, WESTHILL
(SELECTED UNDER SUB-COMPONENT 1.1 OF TEQIP PHASE – II)

Date: 08.08.2014

Venue: GEC Kozhikode,

Time: 02.00 pm

Members present

1. Dr. K. Gopakumar, IISc., Bangalore (Chairman)
2. Dr. Elizabeth Elias, NIT Calicut
3. Sri. Sherif M., Additional Secretary, Higher education department
4. Dr. Radhakrishna Pillai, IIM Kozhikode
5. Sri. K.K. Surendran, Deputy Secretary, Finance department
6. Sri. K.T. Thomas, Managing Director, MILMA
7. Dr. Byjubai T.P., Principal, GEC Calicut
8. Dr. Abdul Hameed, GEC Calicut

Dr. K. Gopakumar, Chairman, Board of Governors presided over the meeting. The items as per the agenda note were taken for discussion and approval.

Minutes

PART A

Procedural

Item No.A1: Confirmation of the minutes of the 9th meeting of the BOG held on 09-05-2014.

The minutes of the BOG meeting held on 09-05-2014 was read and confirmed.
No Comments were received.

Item No.A2: The TEQIP II Coordinator presented the report of action taken based on the BoG meeting held on 09-05-2014.

PART B

Status Reports

Item No.B1: Status of fund position as on 31-07-2014.

The TEQIP II Coordinator presented the status of expenditure as on 31-07-2014 as per the agenda notes. The BoG approved the expenditure statement (Agenda notes, Page No.5).

Item No.B2: Status of Faculty position as on 31-07-2014.

The TEQIP Coordinator presented the status of faculty position as on 31-07-2014. Regarding faculty positions, Sri. Sherif M., Additional Secretary Higher Education department informed that, the vacancies in Professor and Associate Professor cadre will be filled within a short span of time.

PART C

Discussions, Considerations and Ratifications

Item No.CI.1: The BOG approved the proposal for 5 year AMC renewal for Fluent Software (ANSYS CFD, purchased under TEQIP II) under the head “Incremental Operating Cost (IOC)”.

Item No.CI.2: Ratification of procurement packages for which the actual cost exceeded the estimated amount

The BOG discussed the case and ratified the revisions for Package No.150 (Biomass Gasifier), and Package No.151 (Conference Table & Chairs) as per agenda notes.

Item No.CII: R&D and institutional consultancy activities.

Item No. CII.1.: Dr. Gigi Sebastian (Convener) presented the budget of the National Conference scheduled on 29th and 30th August 2014.

The BOG discussed the budget in detail and approved the budget within the limit of Rupees 4.5 lakhs. The honorarium for invited speakers is Rs. 5000 as per the existing rule. Also BOG suggested that as far as possible internal arrangements shall be made for chairs of various sessions and there will not be any honorarium for such internal chairs.

Item No.CII.2: The BOG approved the second RGC meeting proposed on 30-08-2014.

Item No. CII.3: The BoG rejected the proposals for publishing expenditure in

Journals for faculty members. However, the expenditure for extra pages in reputed journals can be met for TEQIP II subjected to the approval from BOG.

Item No.CIII.1: The BOG appreciated for good academic performance in

University results. However, concerned about the low pass rate among SC/ST students. The BoG suggested taking necessary steps for improving the academic performance of socially backward students.

Item No.CIII.2: The BOG ratified the Soft skill and professional skill training programs conducted for 3rd and 5th semester students.

Item No.CIII.3: The BOG approved the programs for final year students to improve the proficiency in competitive examinations including GATE.

Item No.CIII.4: The BOG approved Mathematics classes for 3rd semester Lateral Entry students

Item No.CIV.1:The BOG ratified faculty and staff development programs as per agenda notes, page no. 13.

Item No.CIV.2: The BOG approved the proposals for participation in international conferences for paper presentation as per agenda notes, page no. 14.

Item No.CIV.3: The BOG ratified proposals for in house programs as per agenda notes, page no. 14, and 15.

Item No.CIV.4: Guidelines for Faculty and staff development (FSD) programs

To maintain equity and giving equal opportunity to all staff members, the BOG prescribed the following guidelines 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. In order to sustain regular academic activities, at a time more than 3 staff members (for the same department) cannot be deputed for a training program.
3. Faculty and staff member can attend training programs only at academic and research organizations under FSD.
4. Management training programs restricted to senior staff members.
5. A faculty member can attend two international conferences (for presenting paper) in abroad during project period.

The BOG approved the following faculty and staff development programs

Mechanical Engineering department, Faculty members

| Sl. No | Title | Venue | Period | Duration | Participants |
|---|--|-------------------|-------------------------|----------|---|
| 1 | Principles of Data Acquisition and SCADA | FCRI Palakkad | September 17 – 20, 2014 | 4 days | 1.Dr. Sreejith B. |
| 2 | Strategic Sourcing and Supply Chain Management | IIM Bangalore | October 14 - 18, 2014 | 5 days | 1.Prof.Saijal K. K. |
| 3 | Nanomaterials: characterization and applications | NITTR, Chandigrah | November 10 – 14, 2014 | 5 days | 1. Prof. Sajeeb A.M. 2. Prof. Saijal K. K |
| 4 | Energy Management | IIT Bombay | November 24 – 28,2014 | 5 days | 1. Prof. Sajeeb A.M. 2. Prof. Saijal K. K. |
| 5 | Piping Engineering | IIT Bombay | December 05 – 16, 2014 | 12 days | 1. Prof. Biju I. K. 2.Prof. Sajeeb A. M. 3.Prof. Saijal K. K. |
| <i>Subjected to the FSD guidelines as per Item No.CIV.4.</i> | | | | | |

Mechanical Engineering department, technical staff training in subject area

| Sl. No | Title | Venue | Period | Duration | Participants |
|---|---|--------------------|----------------------------|----------|--|
| 1 | CD – 01 – Applicaion of AutoCAD -2D 3D drafting in Engineering Design | ATI, Chennai | October 20 – 31, 2014 | 12 days | 1. Yesudas K. J. |
| 2 | MTM – 02 : Preventive Maintenance of Machine Tools | ATI, Hyderabad | October 27 -31, 2014 | 5 days | 1.Mr. Babu P. J. 2.Mr. Ajith Kumar 3. Mr. Sunil Kumar 4. Mr. Jayeshlal K. |
| 3 | Nanomaterials: characterization and applications | NITTTR, Chandigrah | November 10 – 14, 2014 | 5 days | 1. Mr. Hemachandran |
| 4 | Renewable Energy Sources – Emerging Techniques | NITTTR, Kolkatta | December 1 - 5, 2014 | 5 days | 1. Mr. Hemachandran |
| 5 | 1305 – TIG Weding | ATI Bangalore | February 23 – March6, 2015 | 12 days | 1. Yesudas K. J. |
| <i>Subjected to the FSD guidelines as per Item No.CIV.4.</i> | | | | | |

Applied Electronics Department

1. Faculty training in subject area/Pedagogy

| Sl. No | Name | Designation | Training provider | Duration and date | Name of program |
|--------|----------------------|---------------------|-------------------|-------------------------------|---|
| 1 | Dr. Abdul Hameed K.M | Professor | IIT Kanpur | 15-17 September 2014 (3 days) | Short Term Course on Convex Optimization for Wireless Communication |
| 2 | Abdu Rahiman V. | Assistant Professor | IIT Kanpur | 15-17 September 2014 (3 days) | Short Term Course on Convex Optimization for Wireless Communication |

Subjected to the FSD guidelines as per Item No.CIV.4.

2. Technical staff training Program

| Sl. No | Name | Designation | Training provider | Duration and date | Name of program |
|--------|--------------|---------------------------|-------------------|-------------------------|--|
| 1 | ANIL R | TRADE INSTRUCTOR Sr.Grade | ATIEPI Hyderabad | 27-31 Oct 2014 (5 days) | Fundamentals of PLC & Ladder programming |
| 2 | MURALIDHAR P | TRADE INSTRUCTOR Grade I | ATIEPI Hyderabad | 27-31 Oct 2014 (5 days) | Fundamentals of PLC & Ladder programming |
| 3 | SHIBU P M | TRADESMAN | ATIEPI Hyderabad | 27-31 Oct 2014 (5 days) | Fundamentals of PLC & Ladder programming |
| 4 | SALMA A P | TRADE INSTRUCTOR Grade II | ATIEPI Hyderabad | 27-31 Oct 2014 (5 days) | Fundamentals of PLC & Ladder programming |
| 5 | SHYNI M K | TRADE INSTRUCTOR Grade II | ATIEPI Hyderabad | 27-31 Oct 2014 (5 days) | Fundamentals of PLC & Ladder programming |

Subjected to the FSD guidelines as per Item No.CIV.4.(3 staff members at a time)

Chemical Engineering

Faculty (Out station Training Program)

| Sl. No | Name | Designation | Training provider | Duration and date | Name of program |
|---|---|---|--------------------|-----------------------------|--|
| 1 | Dr. Gigi Sebastian Dr. Ushakumari E.R Sindhu N, | Associate Professor Associate Professor Asst. Professor | ESCI, Hyderabad | 16-19, September 2014 | Formulation of R&D initiative for scientist and technologies |
| 2 | Ranjana R Sajitha C M | Assistant Professor Assistant Professor | ESCI, Hyderabad | 25-26, September 2014 | Innovative teaching, Research, learning and accreditation practices |
| <i>Subjected to the FSD guidelines as per Item No.CIV.4.</i> | | | | | |

Civil Engineering

Faculty (Out station Training Program) July 2014 - October 2014

| Sl. No | Name | Designation | Training provider | Duration and date | Name of program |
|---|---------------------------|--------------------|-----------------------|--|--|
| 1 | Prof.Dileep Kumar P.G. | Asst. Professor | ESCI, Hyderabad | 29 September to 1 st October2014 | Bridges and Culverts- Planning Design and Construction |
| 2 | Prof. Noufal R. | Asst. Professor | NITTTR, Chandigrah | November 10 – 14, 2014 5 days | Nanomaterials: characterization and applications |
| 4 | Prof. Noufal R. | Asst. Professor | NITTTR, Kolkatta | December 1 - 5, 2014 5 days | Renewable Energy Sources – Emerging Techniques |
| <i>Subjected to the FSD guidelines as per Item No.CIV.4.</i> | | | | | |

DI. Other Items

1. Dr. Radhakrishna Pillai has briefed his discussions with performance auditor regarding accreditation progress, placement status and infrastructure facilities in the campus. About infrastructure facilities, the BOG concerned the slow progress of civil works and advised to take possible steps to accelerate the ongoing civil works in the campus.
2. The BOG recommended making a representation to the Calicut University, to permit faculty members of the college to guide Ph. D.s, by revising the existing rules.
3. The BOG appointed Dr. Gigi Sebastian, Head of the department of Chemical Engineering as institution nominee in Board of Governors due to the transfer of Prof. Balasubramanian V.I.
4. The BOG approved the appointment of Prof. Suji S.K. as financial nodal officer due to the transfer of Prof. Muhammed Arif.
5. The BOG approved the appointment of Prof. Rishi Das S. as academic nodal officer.
6. The BOG approved the appointment of Prof. Anjana Santhakumar as monitoring and evaluation nodal officer due to the transfer of Prof. Rejani V.O.

The meeting closes at 04.00 pm.