

MINUTES OF 8th MEETING OF THE BOG
GOVT. ENGINEERING COLLEGE KOZHIKODE, WESTHILL
(SELECTED UNDER SUB-COMPONENT 1.1 OF TEQIP PHASE – II)

Date: 06.03.2014

Venue: GEC Kozhikode,

Time: 0930 hours

Members present

1. Dr. K. Gopakumar, IISc., Bangalore (Chairman)
2. Dr. Elizabeth Elias, NIT Calicut
3. Prof. Joseph Alaxander, AICTE nominee
4. Dr. Byjubai T.P., Principal, GEC Calicut
5. Prof. V.I. Balasubramanian, GEC Calicut
6. Dr. Abdul Hameed, GEC Calicut
7. Prof. A.K. Marakkarutty, University nominee

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 7th meeting of the BOG held on 29-10-2013.

The minutes of the BOG meeting held on 29-10-2013 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 29-10-2013.

PART B

Status Reports

Item No.B1: Status of fund position as on 28-02-2014.

The TEQIP II Coordinator presented the status of expenditure as on 28-02-2014 as per the agenda notes (Page No.4). The BoG approved the same and concerned about the shortage of funds and decided to request the SPFU for the release of the next installment of funds at the earliest.

Item No.B2: Status of Procurement as on 28-02-2014.

The Procurement Coordinator presented the status of procurement as on 28-02-2014 (Agenda notes, Page no. 5).

Item No.B3: Status of Faculty position as on 28-02-2014.

The TEQIP Coordinator presented the status of faculty position as on 28-02-2014 (Agenda notes, Page no. 6). Regarding faculty positions the BoG recommended the following

1. Improve the regular faculty positions in Electronics and Mechanical Engineering department.
2. There are 2 regular faculties with B. Tech qualification. The BoG insisted to depute these faculties under QIP for M.Tech at IISc/IITs.

Item No.B4: Status of University result

The TEQIP Coordinator presented the status of university result, and BoG suggested taking steps for further improvement of results.

Item No.B5: Status of construction projects

The TEQIP Coordinator presented the status of construction projects, and BoG suggested taking steps for accelerating the ongoing projects.

Item No.B6: Status of Teaching Assistantship to PG students

The TEQIP Coordinator presented the status of PG programs, and BoG suggested taking steps for attracting good PG students.

PART C

Discussions, Considerations and Ratifications

Item No.C1.1: Ratification of the cancelled procurement packages

Prof. Biju I.K., Procurement Nodal Officer presented the reasons for the cancellation of the Procurement packages 145,158 and 159 (Agenda notes page no.8).

The BoG ratified the cancellations.

Item No.C1.2: Ratification of newly created procurement packages

Prof. Biju I.K., Procurement Nodal Officer presented the reasons for inclusion of new packages, 145, 161, 162, 163, and 164 in the approved procurement plan (Agenda notes page no.8).

The BOG discussed the case and ratified the revisions.

Item No.C2: R&D activities.

The BoG ratified the following research proposal approved by the Research guidance Committee (RGC) meeting held on 17-01-2014.

| S.No. | Name of the faculty | Research Title | Sanctioned amount (Rupees) |
|-------|--|--|----------------------------|
| 1 | Mr. Abdu Rahiman V. AE & I Dept. | Pattern Recognition System for Smart Class Rooms | Rs. 40,000 |
| 2 | Mr. B.S. Shajee Mohan AE & I Dept. | Content based Image Retrieval System for Biological Images | Rs. 50,000 |
| 3 | Dr. Muhammed Arif M. Applied Science | Accelerated Curing of Urea-Formaldehyde-Malamine resin for the manufacture of rubber wood boards | Rs. 70,000 |
| 4 | Dr. Muhammed Arif M. Applied Science | Construction and design of plastic and solid waste incinerator. | Rs. 60,000 |
| 5 | Mrs. Sindhu N, Chemical Engg. | Microwave Assisted Pyrolysis of Plastic Wastes | Rs. 1,00,000 |
| 6 | Dr. Anirudhan P., Mechanical Engg. | Wear behavior of Titanium on steel | Rs.1,32,000 |
| 7 | Dr. Anirudhan P., Mechanical Engg. | Vegetable Oil based Metal Working Fluids | Rs. 1,32,000 |
| 8 | Dr. Anirudhan P., Mechanical Engg. | Green Boundary Lubricants | Rs. 42,000 |
| 9 | Mr. Pradeep V Dept. of Mechanical Engineering | Characterization of fuel sprays of low pressure solenoid injectors for spark ignition engines | Rs. 75,000 |
| 10 | Dr. Sajith P.P. Dept. of Mechanical Engineering | Design and fabrication of passive Cooling System for Heat Generating devices & Equipment | Rs. 52,000 |

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|----|---|--|------------|
| 11 | Dr. Sreejith B. Dept. of Mechanical Engineering | Savonius wind turbine with guide blades | Rs. 85,000 |
| 12 | Jaseela S. Dept. of Mechanical Engineering | Estimation of liquid film thickness during flow boiling in rectangular mini/micro channels | Rs. 50,000 |

The BOG also ratified the R&D lecture series on Research trends in Phased Array Feed Design and Digital Receiver Design Project, Dr. Anish Roshi, Scientist, National Radio Astronomy Observatory (NRAO), West Virginia, USA

Item No.C3: Faculty and Staff Development Program

Meeting ratified the Faculty and Staff development programs as per the list given in the Agenda notes (Pages 11 and 12).

Proposed Programs under Faculty and Staff Development (FSD)

Dr. Gigi Sebastian, Academic nodal Officer presented the following in house programs under Faculty and Staff Development.

1. National Conference on Emerging Trends in Engineering
2. National workshop on Instrumental Methods of Analysis
3. Teaching – a multi-tasking service

Regarding “National Conference on Emerging Trends in Engineering” the BoG suggested the following

- a. Ensure the quality of the Conference. For key note addresses, invite renowned faculty from IISc., IITs and NITs.
- b. Review committee must be formed to confirm the quality of the submitted papers.
- c. Only those who are presenting the paper will be given certificate

Regarding National workshop on Instrumental Methods of Analysis, the BoG suggested to invite experts from academic institutions and industries.

The BoG approved all the above proposed programs.

Item No.C4: Activities under Industry Institute Interaction cell (IIC).

The BoG approved the following proposed programs under IIC as per the agenda notes presented by IIC Coordinator, Dr. Anirudhan P.

| Program | Period | Expenditure |
|---|-----------------------|---------------|
| Design of Pressure vessels as per ASME code, Section- VIII, Division-1. | 3 days, May 2014 | Rs. 2, 20,000 |
| Pneumatic Control System Training at PSG Tech. Coimbatore | 5 Days, May 2014 | Rs. 1, 50,000 |
| Industry Institute Meet | 3 Days, May-June 2014 | Rs. 1, 20,000 |

C5. Institution Management Capacity Enhancement.

The BoG ratified the training programs attended by the faculty members under Management Capacity Enhancement as per the agenda notes (Page no. 15).

Also BoG suggested arranging in house management training programs for other faculty members.

C6. Accreditation status of the UG programs

Dr. Sreekumar C., presented the current status of accreditation process.

Regarding accreditation the BoG put forward following aspects

- a. Improve the Library facility
- b. Improve safety features in Laboratories and other places
- c. Lift should be in working condition
- d. Drinking water facility must be provided for students and staff
- e. Wash room facility for staff members.
- f. Participation of all Faculty members, Technical staff, Administrative staff and students must be ensured in the accreditation process.
- g. An accreditation workshop may be arranged

C7. Activities under Equity Action Plan (EAP)

The BoG ratified the various programs under EAP as per agenda notes (Page No.17).

Item No.D1: Ratification of the appointment of EAP nodal Officer, Clerk cum Junior Accountant and MIS Officer, and Enhancement of remuneration of TEQIP II Project.

1. The BoG approved the appointment of Prof. Shanthini K.S., Assistant Professor, Electronics department as EAP nodal Officer.
2. The BoG approved the appointment of Smt. Priya Nair as MIS Officer and Smt. Neethu K. as Clerk cum Junior Accountant.
3. Based on the minutes of the 7th State Steering Committee meeting, the BoG permitted to enhance the remuneration of Clerk cum Junior Accountant and Data Entry Operator to Rs. 15,000/month as Consolidate pay with effect from 01-03-2014.

Item No.D2: Other items with the permission of Chair.

1. Dr. Sajith P.P. and Prof. Biju I.K. of Mechanical Engineering department submitted a proposal for a training program at Delft University of Technology (TU Delft), Faculty of Mechanical, Maritime and Materials Engineering (3mE), Energy Technology section, The Netherlands.

The specific area of the training program is on Cycle Tempo-Thermodynamic Modeling and optimization of systems for the production of electricity, heat and refrigeration. The research areas connected under this program are super critical flows for energy systems, Renewable energy systems, Gas turbines, Fuel cells, Bio mass thermal conversion and advanced thermal power plants.

The BoG permitted Dr. Sajith P.P. and Prof. Biju I.K. of Mechanical Engineering department to apply for the training program.

2. Regarding students training program, attending and participating seminars and conferences the following guidelines are made.
 1. Nominal travelling and accommodation expenses.
 2. For seminars/workshops/conferences only final year B.Tech and PG students are permitted
 3. Students are encouraged to participate in the program organized by reputed institutions (IISc./IITs/NITs/Accredited institutions) only.

4. Based on academic performance, the department can decide the number of students for the participation of such programs.

The meeting closes at 12.00 noon.