

11<sup>th</sup> BOA Meeting on 19/12/2014

Venue: Hotel Hyson, Calicut Time 2.00 pm

Members Present:

1.

2. Dr Elizabeth Elias

3. V. Sankhi Kumar; Sr. Jt. Dir.

4. K. T. Thomas

5. Suresh Kumar K. K. F.D. DS

6. Dr Abdul Hamid

7. Joseph Alexander, CUSAT

8. Rajubai P.P

9. Dr K.R.P. Pillai

10. Prof. K. Gopakumar

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 10<sup>th</sup> meeting of the BOA held on 8.8.2014.

The minutes of the BOA meeting held on 08.08.2014 was read and confirmed. No comments were received.

Item NO. A2: The Q&A Coordinator presented the report of action taken based on the BOA meeting held on 08.08.2014.

PART B  
Status Report

Item No. B1:- status of fund position as on 30-11-2014

The IEBIP II Coordinator presented the status of expenditure as on 30-11-2014 as per the agenda notes. The total expenditure was 654.71 lakhs. The BOC approved the expenditure statement (Agenda notes, page No. 5)

Item No. B2:- status of faculty position as on 30-11-2014.

The IEBIP coordinator presented the status of faculty position as on 30-11-2014.

PART C

Discussions, Considerations and Ratifications

Item No. C1.1: The 8<sup>th</sup> Board of Governors meeting approved to organize a "National Conference on Emerging Trends in Engineering" in August 2014. Subsequently Dr. Cigi Sebastian, Chemical Engineering department has been appointed as Convener of the proposed conference. The 10<sup>th</sup> BOC meeting approved the budget of Rs. 4.5 lakhs for the conference. The report of the conference and expenditure as per the agenda notes (page No. 7 and 8) has been approved. The BOC suggested taking



steps for increasing the number of registrations in the next conference. The BOU also recommended that only those who are presenting the papers in the conference will be included in the conference proceedings.

Item NO. C1.2:

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 presented the report of Second Screening Committee meeting for new research proposals and review meeting of the on-going projects on 30<sup>th</sup> August 2014.

Following Research proposals have been approved by the R&D Committee

S. No	Name of the Party	Project details	Sanctioned Amt
1	Dr. Anirudhan - P mechanical dept.	Reciprocating wear Tester for bearing materials for snake type Sea energy converter	25,000/-
2	Prof. Jaseela - 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 desali-  
nation plant with Flat  
Plate Collector and P 1,54,000/-  
Parabolic Concentrator
- 4) Prof. Gaseeb Am  
mechanical dept Experimental investigation  
on Solar Still for  
increasing its productivity 25,000/-
- 5) Prof. Sajeesh A.M  
mechanical dept Development and analysis  
of composite materials 79,789/-
- 6) Dr. Ushakumary  
C.R. chemical dept Detection of pesticides in  
fresh vegetables and  
fruit samples using  
Gas chromatography - 1,90,000/-  
Mass Spectrometry
- 7) Prof. Sindhu R.  
chemical dept Fast Pyrolysis of  
Wood Biomass 1,15,000/-
- 8) Prof. Nandini R  
Civil dept 1-Sand vs. River Sand  
as fine aggregate in  
concrete. A comparison 1,95,000/-  
of strength, physical  
and chemical properties
- 9) Dr. Anirudhan P.  
mechanical dept Inventory monitoring  
in a tank under 59,000/-  
agitation
- 10) Prof. Saisankar K  
mechanical dept Aerodynamic design  
optimisation of wind 42,000/-  
Turbine blade with  
winglet



The BOD approved the above proposals as per the agenda item (page no-9)

Item No C11-1:

The BOD ratified training program attended and organized by faculty and staff members (August - December 2014). Page no- 10 and 11 of agenda notes.

Item No C11-2:

The BOD approved the following proposals for faculty members attending for the international conferences (Agenda notes page no.11)

1) Dr. Sasik P.P. Associate Professor. "Investigation on Replacement of Fins with Straight Heat Pipes for High Power LEDs" International conference on Sustainable Design, Engineering and Construction 10-13 May 2015, Chicago, USA, Publisher - Elsevier.

2) Prof. Sairaj K.K. Assistant Professor, Mechanical Engineering department, Optimal Trimming edge flap length for helicopter vibration control, Paris, France 7-3-2015.

3) Prof. R. Noubal, Assistant professor, Civil Dept. ICSTEM 2014: Investigating the Effect of Soil on Influencing the Dynamic Responses of Multi storied Structures, Paris, France 7-3-2015

4) Prof. Ammed K.K. Assistant professor, Civil department. International Conference on Water Resources. Coastal and Ocean.

Engineering at NIT Suratkal, 12<sup>th</sup> to 14<sup>th</sup> March 2014.

- 5) Prof. Dileep Kumar P. G. Assistant Professor, Civil Department. International Conference on Water Resources, Coastal and Ocean Engineering at NIT Suratkal, 12<sup>th</sup> to 14<sup>th</sup> March 2014.

The BOG recommended sanctioning the registration fee for international conferences at abroad, as the faculty member could not be able to attend the conference due to unavoidable reasons.

Item No. CH.3: The BOG approved new proposals for out station training programs and in house training programmes for faculty and staff members as per agenda notes page no. 12 and 13.

#### DI. Other Items

1. The BOG meeting directed to present the safety manual prepared by the institution in the next BOG meeting.
  2. The BOG suggested presenting the detailed estimate for purchasing the consumables related to accreditation during the next BOG meeting.
  3. The statutory audit report of the TEGIP II during the financial year 2013-14 was circulated in the meeting and no major comments were received.
- The meeting close at 4.00pm.



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