

**Government of India  
Bhabha Atomic Research Centre  
Reactor Engineering Division**

Ref: RED/BOS/MINUTES/OPA-65811

May 12, 2014

**Sub: Minutes of 18<sup>th</sup> BOS Meeting.**

The BOS meeting was held on 16.04.2014 at 2<sup>nd</sup> floor, Conf. room, Engg. Hall-7. The following were present.

- |                             |   |          |
|-----------------------------|---|----------|
| 1. Prof. P.K.Vijayan, BARC  | - | Convener |
| 2. Prof. B.K.Dutta, BARC    | - | Member   |
| 3. Prof. A.P.Tiwari, BARC   | - | Member   |
| 4. Prof. Kallol Roy, BARC   | - | Member   |
| 5. Prof. P.V.Varde, BARC    | - | Member   |
| 6. Prof. D.N.Badodkar, BARC | - | Member   |
| 7. Prof. G.K. Dey, BARC     | - | Member   |
| 8. Prof.R.C.Hubli, BARC     | - | Member   |
| 9. Dr. S.Mukherjee, IPR     | - | Invitee  |
| 10. Dr. Saibaba, IGCAR*     | - | Invitee  |

The following members could not attend:

- |                                 |   |        |
|---------------------------------|---|--------|
| 1. Prof. T. Jayakumar, IGCAR    | - | Member |
| 2. Prof. Kamachi Mudali, IGCAR- | - | Member |
| 3. Prof. P.V. Varde, BARC       | - | Member |

The following decisions were made during the meeting.

1. BOS discussed and decided the following criteria for recognition as faculty and as M. Tech Guide.
  - a) Criteria for recognition as faculty:
    - i) Ph. D from a recognized university
    - ii) Active in Academic area as evident from continuity in research and publications.
    - iii) Minimum period of 5 years after PhD and for exceptional cases after 3 years based on publication, awards, etc.
    - iv) Previous academic experience – teaching, guiding, reviewer of thesis and journal papers, editorial member of Journal, etc.
  - b) M.Tech Guide recognition criteria:
    - i) Qualification- M.Tech, M.Sc (Engg) or PhD
    - ii) Minimum period of 5 years after M.Tech and for exceptional cases after 3 years based on publication, awards etc.
    - iii) For candidates having PhD degree, applications will be considered for becoming M.Tech. guide without any waiting period.

\* Representative in lieu of Prof. T. Jayakumar and Prof. Kamachi Mudali, IGCAR.

To  
Dr. B.K. Dutta  
Foamur Head, HRDD.

~~As discussed~~  
let us discuss one  
more issue  
— (B)

Shri Joshi, for record  
22/05/16

From. Aech. m.  
RED.

एच.बी.एन.आई/H.B.N.I.
अवका सं./Invoice No.: 514
दिनांक/Date: 16/3/2016
हस्ताक्षर/Initial:

2. Information items
  - i) Short listing of examiners done for 25 PhD candidates (Table-1 attached).
  - ii) Extension granted for 5 candidates pursuing M.Tech in HBNI (Table-2 attached).
  - iii) Extension granted for 09 candidates pursuing PhD in HBNI (Table-3 attached).
3. Extension of fellowships beyond four years for DGFS-PhD students.
  - a. Out of six candidates fellowship extension request to 5<sup>th</sup> year is approved for the following four candidates
    - i. Ms. Hemangi Gawand
    - ii. Shri Abhijit Pandurang Deokule
    - iii. Shri P. Veerender
    - iv. Shri Somesh Vinayak Tewari
  - b. With respect to the application of Ms. Pooja Saxena, Dr. Dutta has been requested to meet both guides, technology advisor and doctoral committee chairman and send a detailed report/recommendation to BOS regarding continuation of scholarship
  - c. With respect to the application of Shri S.K. Reddy, the student doctoral committee is requested to meet and furnish a detailed report/recommendation to the BoS.
4. Syllabus for M.Tech course on Material Science was discussed. BoS appreciated the proposed comprehensive Material Science course. BoS suggestions are as follows.
  - i) Wide-spectrum of topics is covered in the entire syllabus. In view of this it could be delivered in the following parts.
    - a) Part 1 (Physics of Materials),
    - b) Part 2 (Solid Mechanics) and
    - c) Part 3 (Material Processing)
  - ii) This will help students to choose the module selectively based on their past experience and standing committee recommendations
  - iii) In order to assign the credit and marks, the number of lectures in each part should be communicated.
5. Dr. S.Mukherjee, Dean, IPR, Gandhinagar made a presentation on the proposed M.Tech course on Fusion and Technology. He informed that the 1<sup>st</sup> year of the proposed course will consist of the following:
  - i) Trimester-I which is common to all.
  - ii) Trimester-II which is discipline specific
  - iii) Trimester-III Mini project2<sup>nd</sup> year will be devoted to Project work.  
BoS made following decisions on this.
  - a) Lecture duration shall be 1 hour instead of 90 minutes.
  - b) Total lecture hours shall be restricted to 520.
  - c) BoS decided to hold a full day dedicated meeting shortly to discuss the proposal further. Each BoS member is requested to prepare and submit comments on the syllabus before the next meeting.

Sd/-  
(Prof. P.K. Vijayan)  
Convener, Board of Studies

To  
All the Members