

त्रिपुरा विश्वविद्यालय TRIPURA UNIVERSITY

(केन्द्रीय विश्वविद्यालय)
(A CENTRAL UNIVERSITY)

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Date: 05.05.2017

Department of Material Science and Engineering

The 1st meeting of Board of Post Graduate Studies (BPGS) of the 'Department of Material Science and Engineering', Tripura University (A Central University), was held on 27th February 2017 (Monday) at 1.00 PM in the chamber of Head of the Department with the presence of the following BPGS members:

1. Prof. N. R. Bandhopadhyay (External member, IEST, Shibpur)
2. Prof. Subhasis Basu Majumdar (External member, IIT, Kharagpur)
3. Prof. M. K. Singh (Member, Dean, Faculty of Science, TU).
4. Dr. Prasanta Kumar Rout (Member, Dept. of Material Science and Engineering, TU).
5. Dr. Gobinda Gopal Khan (Member, Dept. of Material Science and Engineering, TU).
6. Dr. Sachin Baladhare (Member, Department of Chemical and Polymer Engineering, TU).

The details of the 1st BPGS meeting minutes of Department of Material Science and Engineering, Tripura University (A central University), from Feb 27, 2017 have been attached herewith for necessary action.

(Prof. M. K. Singh)
Dean, Faculty of Science
Tripura University

Copy to:

1. Vice-Chancellor, Tripura University, for information
2. Pro-Vice-Chancellor, Tripura University, for information
3. Dean, Faculty of Science, Tripura University, for information
4. Registrar, Tripura University, for information
5. Assistant Registrar (Academic), Tripura University, for information
6. Controller of Examinations, Tripura University, for information
7. The Finance Officer, Tripura University, for information
8. Prof. N. R. Bandyopadhyay (External Member, BPGS committee, IEST, Shibpur)
9. Prof. S. Basu Majumdar, (External Member, BPGS committee, IIT, Kharagpur)
10. Prof. P. Bhargava, (External Member, BPGS committee, IIT, Bombay)
11. Dr. S. Baladhare (Member, Dept. of Chem. & Poly. Engg., TU)
12. Dr. P. K Rout (Member, Dept. of Mat. Sc. & Engg., TU)
13. Dr. G.G. Khan (Member, Dept. of Mat. Sc. & Engg., TU)

1st BPGS Meeting Minutes from Feb 27, 2017
Department of Material Science and Engineering
Tripura University (A central University)

After details discussion as per the agenda, following decisions have been taken by the BPGS members:

Agenda 1: Preparation of academic calendar for Department of Material Science and Engineering

1. It was decided that the Department of Material Science and Engineering will follow the academic calendar of the Tripura University.

Agenda 2: Finalize the Syllabus for M. Tech programme in Material Science and Engineering. The on-going syllabus of M. Tech in Material Science and Engineering (2016) will remain unmodified.

1. The members suggested and modified the M. Tech syllabus from academic season (2017-18) and would be followed as per **Annexure-I**.
2. The members further suggested that the modified syllabus of the on-going **M. Tech programme** from the next seasons (**2017-18 onwards**) would also be sent to various experts (other than the BPGS members) for their comments, and suggestions for further necessary action.
3. The members of the committee had also of the opinion that as the laboratory of the Department of Material Science & Engineering ,Tripura University is still under construction, the students from the current batch as well as future batches should be sent to different renowned laboratories, institutes or Universities namely IIT Kharagpur , IEST-Shibpur, IACS, and CSIR-CGCRI, Kolkata, for one week or so for the practical training, learning and exposure to the advanced areas of materials science. For this department shall take proper planning with outside institutes and experts.
4. The committee members also suggested that the students should be encouraged to pursue their M. Tech thesis works in collaboration with these renowned institutions and laboratories (on joint thesis supervision mode) on the topic of contemporary interest and the challenging areas in materials science and engineering.

Agenda 3: Finalize the Syllabus for Ph. D. course work.

5. The committee members advised for starting of the **Ph. D. programme** from the next season (**2017 onwards**). The eligibility criteria for appearing in **RET examination** will be:

M. Tech in Material Science and Engineering, Nanotechnology, Metallurgical and Material Engineering, Ceramics Engineering, Chemical, Electronics Engineering or M.Sc. in Physics, Chemistry, Electronics, Nanotechnology and Material Science.

6. In accordance with the University guideline, the committee members suggested the syllabus for Ph. D. coursework given in Annexure-II.

7. The committee members decided that the students with MSc background should have to take two courses of **04 credits (04+04 = 08 credits total)** from the subject of ‘**Advanced area in Materials Science and Engineering**’

Agenda 4: Preparation of list of question paper setters and moderators.

8. The committee members approved the names of the Paper Setters, Moderators and Examiners for M. Tech. Semester-I and Semester-II Examinations, for Department of Material Science and Engineering. Detailed list is placed at **Annexure-III.**

Agenda 5: Departmental purchase of major and minor instruments

9. The committee members recommended for the fast procurement of the basic instruments for which tender notice has already been placed, to start the research laboratory.

10. The committee members further suggested that the Department of Material Science and Engineering should be provided more funds to develop the advanced materials research laboratories and recommended that the procurement of the instruments like HRTEM, XRD, XPS, PPMS, UV-Vis-IR spectroscopy, Raman spectroscopy Source meter, Universal testing machine etc. should get immediate priority.

The meeting ended with thanking to the Chairman and the members present.