**DEPARTMENT OF MECHANICAL ENGINEERING**

**UNIVERSITY OF ENGINEERING AND TECHNOLOGY** **TAXILA**

**Minutes of Meeting of Board of Post-Graduate Studies, held on 05.01.2017 at 01:00 p.m in the Conference Room, MED**

1. Following were present:
   1. Prof. Dr. Riffat Asim Pasha (In Chair)
   2. Prof. Dr. Shahab Khushnood
   3. Prof.Dr. Khawaja Sajid Bashir
   4. Prof. Dr. M. Shahid Khalil
   5. Dr. Asif Hussain Malik
   6. Dr. Muhammad Ali Nasir (Dir. PGS)
2. Meeting started with the name of Allah Al-mighty.

**Item No.1. Post-graduate research seminar (Final Progress Report)**

1. Following students presented their progress report of M.Sc Research.
2. Thesis Title:

“**Experimental investigation of mono and poly crystalline solar modules at different inclination angles in local condition**.**”**

Scholar Name and Regd. No.: M. Bilal Chatta (13-MS-PT-TF-05)

Supervisor: Dr. Muzaffar Ali

Board recommended the above final progress report and allowed him to appear for his final viva. Panel of external examiners was also recommended by the Board.

1. Thesis Title:

“**Gold Nanoparticles based structural health monitoring of composite structure”.**

Scholar Name and Regd. No.: M. Awais Saeed (14-MS-FT-AMD-03)

Supervisor: Dr. Muhammad Ali Nasir

Board recommended the above final progress report and allowed him to appear for his final viva. Panel of external examiners was also recommended by the Board.

1. Thesis Title:

“**Design and analysis of bullet proof vest against high velocity projectiles”.**

Scholar Name and Regd. No.: Muhammad Khan (13-MS-PT-AMD-03)

Supervisor: Prof. Dr. Riffat Asim Pasha

Board recommended the above final progress report and allowed him to appear for his final viva. Panel of external examiners was also recommended by the Board.

1. Thesis Title:

“**Modeling the piston primary and secondary dynamics in heavy duty diesel engine for industrial applications”.**

Scholar Name and Regd. No.: Kishwat Ijaz Malik (14-MS-FT-TF-04)

Supervisor: Dr. Adnan Qasim

Board recommended the above final progress report and allowed him to appear for his final viva. Panel of external examiners was also recommended by the Board.

1. Thesis Title:

“**Modeling the piston and cylinder liner lubrication of high torque low speed diesel engine for industrial applications”.**

Scholar Name and Regd. No.: Zeeshan Aslam (14-MS-FT-AMD-01)

Supervisor: Dr. Adnan Qasim

Board recommended the above final progress report and allowed him to appear for his final viva. Panel of external examiners was also recommended by the Board.

**Item No. 2** **MSc Research Topic Approval/Synopsis**

1. Board recommended following Research Topics and Supervisors against following MSc Scholars.

|  |  |  |  |
| --- | --- | --- | --- |
| **Sr. No.** | **Student Name** | **Supervisor** | **Research Topics** |
| 1 | Muhammad Omair Khan  13-MS-PT-TF-03 | Dr. Muhammad Shehryar | CFD investigation of boiling phenomena in a single flow channel of typical PWR reactor. |
| 2 | Huda Hanif Khan  13-MS-PT-AMD-02 | Prof. Dr. Riffat Asim Pasha | Optimization of impact resistance and blunt trauma of Kevlar Reinforced Composite (KFRP) against High Velocity Impact |
| 3 | Muhammad Irfan  13-MS-PT-AMD-07 | Prof. Dr. Riffat Asim Pasha | Experimentation and analytical analysis of Aluminum housing against the random vibration spectrum. |

**Item No. 3. Constitution of Research Monitoring Committee**

1. Board recommended the Research Monitoring Committee against the PhD Scholar **Engr. Awais Hamza** Regd. No. 15-UET/PhD-ME-100 and **Mr. Tariq Mehmood** Regd. 14-UET/PhD-ME-91. The Detail is attached as Annexure 1a and 1b.

**Item No. 4**. **MSc/PhD Subjects for Semester Spring 2017**

1. Board recommended the Subjects and Course Teachers for semester Spring 2017 in MSc/PhD Mechanical Engineering

**Item No. 5.** **PhD External Examiners**

1. Board recommended the following External Examiners against PhD Scholars

|  |  |  |
| --- | --- | --- |
| **Sr. No.** | **PhD Scholar** | **External Examiners** |
| **01** | **Engr. Abbas Raza** | 1. Dr. Hammad Nazir, PAEC 2. Dr. Mehmood Anwar Khan, EME, NUST 3. Dr. Azhar Munir, AWC Hassanabdal 4. Dr. Zaheer ul Hassan, POF Sanjwal. |
| **02** | **Engr. Altaf Khan** | 1. Dr. Ejaz Mehmood Shahid 2. Dr. Nawaz Akhtar 3. Dr. Asif Hussain Malik 4. Dr. Zakariya |

**Item No. 6.** **Additional amount of Faculty Research Grant**

1. Board recommended to forward the case of the additional amount of Faculty Research Grant (Rs. 2077189) to Director (ASR& TD) for the further submission to Board of ASR & TD for approval.

**Item No. 7.** **PhD Admissions in Mechanical Engineering Spring 2017**

1. Board recommended the admission of following candidates in PhD Program of Mechanical Engineering subject to fulfillment of following requirements.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sr. No.** | **Name of Scholar** | **Status** | **Supervisor** | **Remarks** |
| 1 | M. Usman Manzoor | Part Time | Prof. Dr. Riffat Asim Pasha | Recommended |
| 2 | Muhammad Usman | Part Time | Dr. Muzaffar Ali | Recommended |
| 3 | Waqar Ahmed | Full Time | Dr. M. Ali Nasir | Recommended |
| 4 | Imran Khan | Full Time | Dr. M. Ali Nasir | Recommended |
| 5 | Kashif Habib Malik | Full Time | Dr. M. Ali Nasir | Recommended |
| 6 | Zaryan Ijaz | Full Time |  | Recommended |

**Item No. 8** **Activity Schedule of Industrial Ace/Professors**

1. Board recommended that the Industrial Ace and Industrial Professor/Assistant Professors are required to provide their teaching and research activities schedule per week as per the rules and regulation.

**Item No. 9**. **HMC-UET Taxila Research Collaboration**

1. Board received the reports submitted by the Supervisors of the Full Time MSc Students deputed at HMC. Board approved and decided to submit these reports in Hard & Soft Form to HMC for further necessary action and implementation at their end.

**Item No. 10. Research Proposals for funding under Technology Development Fund (TDF 2017)**

1. Board appreciated the submission of 02 Research Proposals for funding under Technology Development Fund (TDF 2017) of HEC by following Faculty members
2. Prof. Dr. Riffat Asim Pasha
3. Dr. Sayyid Masoodur Rehman Shah

**Item No. 11** **Adoption of the template by Punjab Higher Education Commission for Public**

1. Board recommended to adopt the template for submission of information desired by Punjab Higher Education Commission for Public Sector Universities 2016-17
2. The meeting ended with the vote of thanks to the chair.

Dr. Muhammad Ali Nasir

***DIRECTOR, PGS***

Prof. Dr. Riffat Asim Pasha

***CHAIRMAN***