**DEPARTMENT OF MECHANICAL ENGINEERING**

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

**Minutes of Meeting of Board of Post-Graduate Studies, held on 10.02.2017 at 02:00 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. Dr. Asif Hussain Malik
   5. Dr. Ajaz Bashir Janjua
   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:

“**Characterization of EDM surface morphology for different electrodes and dielectrics**”.

Scholar Name and Regd. No.: Muhammad Imran (15-MS-FT-AMD-03)

Supervisor: Dr. Sayyid Masoodur Rehman Shah

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 optimization and structural analysis of a rupture disk used in medium and high pressure applications”.**

Scholar Name and Regd. No.: M. Nadeem Khan (12-MS-PT-AMD-02)

Supervisor: Prof. Dr. Shahab Khushnood

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 dust deposition effects on heat transfer in waste heat recovery system”.**

Scholar Name and Regd. No.: Zahid Waqas (13-MS-PT-TF-15)

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:

“**Investigation of fretting fatigue behavior of Ti-6Al-4V in salt environment”.**

Scholar Name and Regd. No.: Nasir Mehmood (12-MS-PT-AMD-16)

Supervisor: Dr. Sayyid Masoodur Rehman Shah

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:

“**Structural health monitoring of composite structures using pedot PSS”.**

Scholar Name and Regd. No.: M. Sohaib Zaffar (14-MS-FT-AMD-04)

Supervisor: Prof. Dr. Zaffar M. Khan

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 | Hafiz Muhammad Ashraf  14-MS-PT-AMD-10 | Prof. Dr. Riffat Asim Pasha | Characterization of different magneto mechanical coatings on crack propagation under vibration. |
| 2 | Shahrukh Jamil  15-MS-PE(T)-PT-06 | Dr. Ajaz Bashir Janjua | Energy and Exergy analyses of industrial boiler |
| 3 | Wajahat Baig | Dr. Hafiz Muhammad Ali | An Experimental investigation of performance of a double pass solar air heater using foam aluminum to enhance thermal conductivity. |

**Item No. 3.** **Transfer of Credit Hours**

1. Board recommended the Transfer of Credit hours against following MSc Scholar

|  |  |  |
| --- | --- | --- |
| **Name and Reg.** | **Courses Studied** | **Study Period** |
| Attiya Sadiq  Old Reg: 10-MS-EnE-02  New Reg: 16-MS-PT-TSE-05 | ME-4638 (Engineering Analysis) | Autumn-2011 |
| ME-4711 (Energy Statistics and Energy Demand Forecasting) | Autumn-2011 |
| ME-4704 (Energy Management) | Spring-2011 |

**Item No. 4. Industrial Ace/Prof**

1. Board recommended the appointment of Dr. Azhar Munir (Director, AWC) as Assistant Industrial Professor for Mechanical Engineering Department.
2. The meeting ended with the vote of thanks to the chair.

Dr. Muhammad Ali Nasir

***DIRECTOR, PGS***

Prof. Dr. Riffat Asim Pasha

***CHAIRMAN***