**DEPARTMENT OF MECHANICAL ENGINEERING**

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

**Minutes of Meeting of Board of Post-Graduate Studies, held on 15.05.2018 at 11:00am in the Conference Room, MED**

Following were present:

* 1. Prof. Dr. Shahab Khushnood
  2. Prof. Dr. Riffat Asim Pasha (In Chair)
  3. Prof. Dr. Kamran Afaq
  4. Dr. Azhar Munir
  5. Dr. Muhammad Ali Nasir

Meeting started with the name of Allah Al-mighty.

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

Following students presented their progress report of M.Sc. Research

1. Thesis Title:

“**Characterization of Magnetomechanical coating on Crack Propagation under Vibration**”.

Scholar Name and Regd. No.: Hafiz Muhammad Ashraf 14-MS-PT-AMD-10

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:

“**Transient fluid flow at heat transfer over a rotating circular cylinder near a valve subjected to single gust impulse**”.

Scholar Name and Regd. No.: Rabia Hanif 15-MS-FT-P&G-01

Supervisor: Dr. Muhammad Shehryar

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**

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| Sr. No. | Student Name | Supervisor | Research Topics |
| 1 | Hareem Jawaid  17-MS-FT-AMD-01 | Dr. Waqar Ahmed Qureshi | Design and Experimental Investigation of Bimorph Piezoelectric Actuators. |
| 2 | Muhammad Junaid  14-MS-PT-AMD-02 | Dr. Waqar Qureshi | Effect of Dynamic Soldification on Microstructure and Mechanical Properties of Brass. |
| 3 | Waqas Nazir Awan  17-MS-FT-EnE-09 | Dr. Tanzeel ur Rashid | Technological and socio-economic transformation for Pakistan’s two-wheelers transport. |
| 4 | Saimi Bibi  17-MS-FT-AMD-09 | Dr. Waqar Ahmed Qureshi | Finite Element Analysis of Wear By Energetic Model for Elliptical Contact. |
| 5 | Ahsan Ali  17-MS-FT-AMD-02 | Prof. Dr. Riffat Asim Pasha | Design and Simulation of Piezoelectric Actuator for Analyzing Static and Dynamic Response. |
| 6 | Muhammad Nasir  15-MS-PT-AMD-09 | Dr. Muhammad Ali Nasir | Mechanical Characterization of Basalt Fiber Reinforced Polymer Composites. |
| 7 | Zamurrad Arshad  17-MS-FT-AMD-08 | Dr. Muhammad Ali Nasir | Mechanical Characterization of Hybrid Composite Structures |
| 8 | Wajid Ali  17-MS-FT-EnE-14 | Dr. Abid Hussain | Passive Thermal Management of Lithium Ion Batteries. |

The meeting ended with the vote of thanks to the chair.

***DIRECTOR, PGS***

***CHAIRMAN***