**DEPARTMENT OF MECHANICAL ENGINEERING**

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

**Minutes of Meeting of Board of Post-Graduate Studies, held on 28.08.2017 at 11:00 am in the Conference Room, MED**

Following were present:

* 1. Prof. Dr. Riffat Asim Pasha (In Chair)
  2. Prof. Dr. Shahab Khushnood
  3. Prof.Dr. Khawaja Sajid Bashir
  4. Dr. Ajaz Bashir Janjua
  5. Dr. Azhar Munir

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:

“**Fretting wear analysis of different tube materials used in heat exchanger tube bundle**”.

Scholar Name and Regd. No.: Tasawar Abbas 15-MS-FT-AMD-09

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:

“**Experimental study of cross flow induced vibration of glass tube bundle in shell and tube heat exchanger”.**

Scholar Name and Regd. No.: Akmal Hafeez 15-MS-FT-PE(T)-04

Supervisor: Prof. Dr. Shahab Khushnood

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

1. Thesis Title:

“**Energy and Exergy analysis of industrial boiler”.**

Scholar Name and Regd. No.: Shahrukh Jamil 15-MS-FT-PE(T)-06

Supervisor: Dr. Ajaz Bashir Janjua

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:

“**Optimal Thermal Design of cylindrical tube heat exchanger**”

Scholar Name and Regd. No.: Nadeem Iqbal 15-MS-PT-TSE-02

Supervisor: Dr. Ajaz Bashir Janjua

Board did not recommend the final progress report of the scholar and suggested him to reappear with supportive experimental work to justify the topic.

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

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

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| **Sr. No** | **Student Name** | **Supervisor** | **Research Topics** |
| 1 | Abdul Rehman  16-MS-PT-AMD-02 | Dr. Nazeer Ahmed Anjum | Effect of Nanofluid Lubricant on Surface Characterization of Aluminum Alloy. |
| 2 | Mujahid Abbas  16-MS-PT-AMD-15 | Dr. Amir Sultan | Investigation of Fatigue Crack Growth Rate of TIG Welded H13 Tool Steel. |
| 3 | Zia Ullah Arif  16-MS-FT-AMD-07 | Dr. Sayyid Masood ur Rehman Shah | Design ,development and optimization of brass Thermal arc spraying system |

**Item No. 3**. **External Examiners for PhD Final Defense/Viva Voce.**

The Board recommended the following Panel of External Examiners for the conduction of PhD Final Defense/Viva Voce of following PhD Scholars, after fulfilling the other codal formalities.

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| --- | --- | --- |
| **Sr. No.** | **Scholar Name/Supervisor** | **External Members** |
| 1 | Altaf Khan  07F-UET/PhD-ME-35  **Supervisor:** Dr. M. Abbas Chaudhary  **Co. Supervisor**: Prof. Dr. Shahab Khushnood | 1. **Dr. Sharif Bhatti,** Principal Swedish College of Engineering. 2. **Dr. Haider Abbas**, Air University, Islamabad 3. **Dr. Azhar Munir**, Director AWC Hassanabdal 4. **Dr. Ijaz Chaudhary,** UMT Lahore 5. **Dr. Zaheer ul Hassan**, MD POF Sanjwal |
| 2 | Akram Ali  04-UET/PhD-ME-13  **Supervisor:** Dr. M. Abbas Chaudhary  **Co. Supervisor**: Prof. Dr. Shahab Khushnood | 1. **Dr. Gul Hassan Naqvi,** EME College NUST, Rawalpindi 2. **Brig. Dr. Waheed ul Haq**, HIT Taxila 3. **Prof. Dr. Zaffar M. Khan**, IST Islamabad 4. **Dr. Ajaz Bashir Janjua**, GM, HMC Taxila 5. **Dr. Muhammad Munawar,** HMC-3, Taxila |

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

***DIRECTOR, PGS***

***CHAIRMAN***