**DEPARTMENT OF MECHANICAL ENGINEERING**

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

**Minutes of Meeting of Board of Post-Graduate Studies, held on 15.05.2017 at 10:00 am in the Conference Room, MED**

Following were present:

* 1. Prof. Dr. Riffat Asim Pasha (In Chair)
  2. Prof. Dr. M. Shahid Khalil
  3. Prof.Dr. Khawaja Sajid Bashir
  4. Prof. Dr. M. Zubair Khan
  5. Dr. Ajaz Bashir Janjua
  6. Dr. Muhammad Ali Nasir (Dir. PGS)

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:

“**CFD Investigation of boiling phenomena in a single channel of a typical PWR reactor**”.

Scholar Name and Regd. No.: Muhammad Omair Khan 13-MS-PT-TF-03

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.

1. Thesis Title:

“**To investigate flow induced vibration response of finned tube in heat exchanger tube bundle”.**

Scholar Name and Regd. No.: Ameer Ahsan 15-MS-FT-TSE-10

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:

“**To investigate the effect of finned tube geometry on flow induced vibrations in heat exchanger tube bundle”.**

Scholar Name and Regd. No.: Hassan Arshad 15-MS-FT-TSE-08

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 analysis of interlaminar shear strength of glass fibre reinforced thermoplastic poly urethane composites enhanced with multiwalled carbon nanotubes**”

Scholar Name and Regd. No.: Samia Zahid 14-MS-PT-AMD-01

Supervisor: Dr. Muhammad Ali Nasir

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:

“**Experimental investigation of thermal fatigue life of engine cylinder liner”.**

Scholar Name and Regd. No.: Babar Hayat 14-MS-PT-AMD-11

Supervisor: Dr. Sayyid Masoodur Rehman Shah

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.

|  |  |  |  |
| --- | --- | --- | --- |
| **Sr. No.** | **Student Name** | **Supervisor** | **Research Topics** |
| 1 | Aakash Ali  16-MS-FT-AMD-06 | Dr. Muhammad Ali Nasir | Numerical evaluations of mechanical parameters of hybrid composite laminates. |
| 2 | Muhammad Yasir Khalid  16-MS-FT-AMD-03 | Dr. Muhammad Ali Nasir | Experimental Evaluation of Mechanical properties of hybrid jute/fabric as reinforced epoxy/ thermoplastic polyurethane based nanocomposites. |
| 3 | Muhammad Nabeel  16-MS-FT-AMD-08 | Dr. Muhammad Ali Nasir | Mechanical characterization of hybrid Kevlar fabric reinforced with epoxy/thermo plastic poly urethane composite enhanced with nano particle. |
| 4 | Moazzam Ali  15-MS-PT-AMD-08 | Dr. Nazeer Anjum | Investigation of surface morphology on pitting corrosion for the fatigue life prediction of Aluminum Alloy. |

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

Board recommended the constitution of Research Monitoring Committee against following PhD Scholars.

|  |  |  |  |
| --- | --- | --- | --- |
| **1** | Muhammad Tayyab  15-UET/PhD-ME-104 | Prof. Dr. Riffat Asim Pasha | 1. **Prof. Dr. M. Zubair Khan**   IST, Islamabad   1. **Dr. Syed Athar Masood**   Associate Prof. IIU Islamabad   1. **Dr. Atta ur Rehman Shah**   Asst. Prof. MED, HITEC University Taxila   1. **Dr. Muhammad Ali Nasir**   Associate Prof. UET Taxila |
| **2** | Hassan Farooq  15-UET/PhD-ME-97 | Prof. Dr. Riffat Asim Pasha | 1. **Prof. Dr. M. Zubair Khan**   IST, Islamabad   1. **Dr. Naeem ullah Dar**   Islamabad   1. **Dr. Rizwan Zafar**   PMO, Taxila   1. **Dr. Nazeer A. Anjum**   Asst. Prof. UET Taxila |

**Item No. 4.** **Continuation of MSc Mechanical Engineering with Specialization in Energy Engineering.**

Board recommended to continue MSc Energy Engineering under Mechanical Engineering Department till the issuance of NOC from HEC.

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

***DIRECTOR, PGS***

***CHAIRMAN***