**DEPARTMENT OF MECHANICAL ENGINEERING**

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

**Minutes of Meeting of Board of Post-Graduate Studies, held on 29.08.2019 at 10:00am 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. Muhammad Zubair Khan
	4. Dr. Ajaz Bashir Janjua
	5. Dr. Asif Hussain Malik
	6. Dr. Muhammad Ali Nasir
	7. Dr. Hafiz Muhammad Ali (Invited Member)
	8. Dr. Abid Hussain (Invited Member)

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. Board recommended the final progress report of below mentioned scholar and allowed him to appear for his final viva. Panel of external examiners is also recommended.

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| **Name of Scholar & Reg.** | **Ammar Naseer 17-MS-PT-AMD-12** |
|  **Supervisor** | Dr. Hafiz Muhammad Ali  |
| **Thesis Title** | Thermal Management of Photovoltaic panels using Hybrid PCMs with varying Thickness |
| **Panel for External Viva** | 1. Dr. Ajaz Bashir Janjua, General Manager, HMC Taxila.
2. Dr. Najam us Saqib, Director NESCOM Islamabad.
3. Dr. Asim Jadoon, Director NESCOM Islamabad.
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1. Board recommended the final progress report of below mentioned scholar and allowed him to appear for his final viva. Panel of external examiners is also recommended.

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| **Name of Scholar & Reg.** | **Awais Awan 17-MS-FT-AMD-03** |
|  **Supervisor** | Prof. Dr. Riffat Asim Pasha |
| **Thesis Title** | Effect of Titanium Interlayers on Mechanical Properties and Microstructure of TiN PVD Coated Stainless Steel. |
| **Panel for External Viva** | 1. Prof. Dr. M. Zubair Khan, IST Islamabad.
2. Col. Shafqat Mehmood, General Manager, HIT Taxila.
3. Dr. Qamar Iqbal, General Manager, HMC-3, Taxila.
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**Item No. 2. Topic Approval/ Synopsis for MSc Thesis**

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

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| **Sr. No.** | **Student Name** | **Supervisor** | **Research Topics** |
| 1 | Furqan Jamil18-MS-FT-TSE-04 | Dr. Muhammad Ali Nasir | Experimental Analysis on Thermal Regulation of Photovoltaic Panels using Integrated Phase Change Material with Nanoparticles. |
| 2 | Awais Ahmed17-MS-PT-PE(T)-16 | Dr. Abid Hussain | Determination of Effective Thermal Conductivity of Iron-Nickel Foam Saturated with Phase Change Material.  |
| 3 | Ali Hassan17-MS-PT-PE(T)-01 | Dr. Abid Hussain | Thermal Characterization of Graphene Coated Copper Foam Saturated with Phase Change Material.  |
| 4 | Ali Ejaz18-MS-FT-TSE-05 | Prof. Dr. Riffat Asim Pasha | Experimental Investigation on Photovoltaic Panels Through Phase Change Material with Metallic Foam Based System. |
| 5 | Ijaz Ahmad17-MS-PT-PE(H)-03 | Dr. Abid Hussain | Measurement of Thermal Conductivity of Copper Metal Foam Saturated with Phase Change Material.  |

**Item No. 3. Course and Teacher allocation for MSc/PhD Semester Fall-2019**

Board recommended the allocation of teachers and courses to be taught in Mechanical Engineering Department in Semester Fall-2019. (Detail is attached as Annexure-1)

**Item No. 4**. **PhD Admissions Semester Fall-2019**

Board recommended the admission for following PhD Candidates in Mechanical Engineering Department.

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| **Sr. No.**  | **Name of Candidate** | **Supervisor** |
| 1 | Umair Saleem | Dr. Muzaffar Ali  |
| 2 | Zafar Farooq | Dr. Nasir Shah |
| 3 | Muhammad Qasim Manan | Dr. Waqar Qureshi |
| 4 | Umar Azeem Khan | Dr. Tanzeel ur Rashid |
| 5 | Imran Khan | Dr. Muhammad Shehryar |
| 6 | Muhammad Roman Sadiq | Dr. Muzaffar Ali |
| 7 | Muteeb ul Haq | Dr. Abid Hussain |
| 8 | Rehan Saghir | Dr. Muhammad Ali Nasir |

**Item No. 5.** **Assigning of PhD Co-Supervisors**

Board recommended to assign the following Co-Supervisor for following PhD Scholars.

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| **Sr. No.**  | **Scholar Name** | **Supervisor**  | **Co. Supervisor** |
| 1 | Fazle Hadi13-UET/PhD-ME-77 | Dr. Hafiz Muhammad Ali  | Prof. Dr. Riffat Asim Pasha |
| 2 | Zulfiqar Khattak13-UET/PhD-ME-78 | Dr. Hafiz Muhammad Ali  | Prof. Dr. Riffat Asim Pasha |
| 3 | Asif Khan15-UET/PhD-ME-98 | Dr. Hafiz Muhammad Ali  | Dr. Muhammad Ali Nasir |
| 4 | M. Yasir Hussain19-UET/PhD-ME-17 | Dr. Hafiz Muhammad Ali | Dr. Aneela Wakeel |

 Note: Dr. Hafiz Muhammad Ali is on EOL from 01.09.2019.

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

***DIRECTOR, PGS***

***CHAIRMAN***