**DEPARTMENT OF MECHANICAL ENGINEERING**

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

**Minutes of Meeting of Board of Post-Graduate Studies, held on 02.04.2018 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. M. Shahid Khalil
  4. Prof. Dr. Khawaja Sajid Bashir
  5. Dr. Azhar Munir
  6. Dr. Muhammad Ali Nasir

Meeting started with the name of Allah Al-mighty.

**Item No. 1 Faculty Research Grants Proposals**

Board recommended the following research grant proposals submitted by faculty members of Mechanical Engineering Department for year 2018.

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| --- | --- | --- | --- |
| **Sr. #** | **Title** | **Principle Investigator** | **Amount Requested** |
|  | Flow around cylinder under shear gust flow | Dr. Muhammad Shehryar | 1000,000/- |
|  | Transient flow and heat transfer response of a rotationally oscillating cylinder subjected to a gust impulse | Dr. Muhammad Shehryar | 500,000/- |
|  | Improvement in stress corrosion cracking resistance of austenitic stainless steel through thermo-mechanical treatment. | Dr. Aneela Wakeel | 475,000/- |
|  | Development of improved toughness composite inspired by nature | Dr. Azhar Hussian | 580,000/- |
|  | Model based transient simulation and experimental investigation of compound parabolic trough solar collector (CPC) using Nano-Fluids. | Dr. Muzaffar Ali | 214,000/- |
|  | Transient simulation and experimental analysis of a an efficient configuration of solar assisted desiccant cooling system | Dr. Muzaffar Ali | 420,000/- |
|  | Development and characterization of single network (SN), double network (DN) hydrogels for building cooling application. | Dr. Muhammad Ali Nasir | 499,600/- |
|  | Passive cooling of heat sinks by nano-phase change materials | Dr. Hafiz Muhammad Ali | 1000,000/- |
|  | PV modules thermal management | Dr. Hafiz Muhammad Ali | 500,000/- |
|  | **Total Amount** | | **5188600/-** |

**Item No. 2 Constitution of Research Monitoring Committee**

Board recommended the Constitution of Research Monitoring Committee of the following PhD Scholars

|  |  |  |
| --- | --- | --- |
| **Name of Scholar** | **Supervisor** | **RM C Committee Members** |
| Kifayat ullah  15-UET/PhD-ME-103 | **Prof. Dr. Shahab Khushnood** | 1. **Dr. Mahmood Anwar Khan**   NUST, Islamabad.   1. **Prof. Dr. Zubair Khan**   IST Islamabad.   1. **Dr. Azhar Munir**   DG, AWC Hassanabdal.   1. **Dr. Muhammad Ali Nasir**   Associate Professor, MED, UET Taxila. |
| M. Ebrahim Khalid  16-UET/PhD-ME-03 | **Dr. Muhammad Shehryar** | 1. **Dr. Nadeem Sheikh**   Associate Professor, IIU Islamabad.   1. **Dr. Muhammad Sajid**   SMME, NUST.   1. **Dr. Muhammad Yamin Younis**   Assistant Professor, MUST Mirpur.   1. **Dr. Muzaffar Ali**   Associate Professor, MED, UET Taxila. |
| Sibghat Ullah  15-UET/PhD-ME-105 | **Dr. Muzaffar Ali**  Co-Supervisor:  **Dr. Syed Ihtisham ul Haq Gilani**  Associate Prof. Universiti Teknologi PETRONAS, Malaysia. | 1. **Dr. Hassan Ali**   Assistant Prof. RCET Gujranwala   1. **Prof. Dr. Nadeem Ahmed Shiekh**   Associate Prof. IIU Islamabad.   1. **Dr. Tipu Sultan**   UMT Lahore.   1. **Dr. Hafiz Muhammad Ali**   Associate Professor, MED,  UET Taxila |

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

Board recommended the Transfer of Credit hours of **Mr. Muhammad Aqib** Registration No. **17-MS-PT-AMD-23** from **CUST** to **UET Taxila** as per clause 3.3.4 of postgraduate prospectus 2017.

|  |  |  |
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| **Course Code** | **Course Title** | **Grade** |
| ME5003 | Applied Finite Element Method | B+ |
| ME5123 | Thermal Power Generation | B |
| ME6043 | Design of Machine Tools | B |

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

***DIRECTOR, PGS***

***CHAIRMAN***