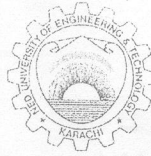


**Department of Materials & Metallurgical Engineering  
NED University of Engineering & Technology**

No. 1st

Date: 7<sup>th</sup> February, 2018



**MINUTES OF THE 1<sup>ST</sup> MEETING OF  
INDUSTRIAL ADVISORY BOARD (IAB)**  
Departmental level

The 1<sup>st</sup> meeting of IAB of Materials & Metallurgical Engineering was held on Wednesday, the 7<sup>th</sup> February 2018 at 02:30 hours in the conference room of MYD.

The following attended the meeting:

- |   |                  |
|---|------------------|
| 1. Prof. Dr Muhammad Tufail<br>Pro-Vice Chancellor, NEDUET      | In-Chair         |
| 2. Prof. Dr Syed Amir Iqbal<br>Ag. Chairman                     | Member/Convener  |
| 3. Mr. Hussain Agha<br>CEO Agha Steels                          | Member           |
| 4. Dr. Munir Ahmed<br>Director & CEO Aisha Steels Mills.        | Member           |
| 5. Mr. Nisar Ahmed Mirani<br>CEO Bolan Castings.                | Member           |
| 6. Dr. Ali Dad Chandio<br>Associate Professor MYD               | Member           |
| 7. Dr. Sohail Hanif<br>Assistant Professor MMD                  | Member           |
| 8. Engr. Aqeel Shah<br>Assistant Professor/Area Coordinator MYD | Member           |
| 9. Engr. Danish Majeed<br>Lecturer MMD/Area Coordinator         | Member/Secretary |

Dr. Munir Ahmed (Director & CEO Aisha Steels Mills has informed his unavailability

After report of quorum to be in order by the secretary, the meeting commenced with the recitation of verses from the Holy Quran by Dr. Muhammad Sohail.

Thereafter, the items were discussed as follows:

**Item No. 1     Role of Industrial Advisory Board**

The Honorable Pro-Vice Chancellor, Prof. Dr. Muhammad Tufail briefed the members about the role of the IAB. He discussed the importance of IAB while elaborating the role of NED University in producing highly skilled man-power to cater the needs of local as well as international industries. He added that NED University has always kept a liaison with the relevant industries and prepares students according to the requirement of their current and future needs.

He further explained that the increased diversity in the engineering disciplines at NED University, industrial needs of specialized persons, and requirements of outcome based education system necessitate to establish a formal procedure for better Industry-academia linkage.

The PVC, Prof. Dr. Muhammad Tufail, also highlighted different perspectives and reasons of industry-academia collaboration emphasizing the benefits of industries and academia cooperation. He further said that NED University has already taken many steps to improve the quality of engineering programs and in this regard the input from industries would help us to further strengthen the skills and knowledge of graduating students.

**Item No. 2     Brief introduction of "Outcome Based Education"**

On the directive of Ag. Chairman, the item was presented by Dr. Ali Dad Chandio. He described the importance and requirements of Outcome Based Education (OBE). He discussed the Program Educational Outcomes (PEO's) and Program Learning Outcomes (PLOs). While stating that academia is the main source of knowledge for industry, he emphasized proactive role of industry in implementation of OBE system.

**Item No. 3     Industrial – Academia Interaction**

Acknowledging the importance of industry-academia linkage, Ag. Chairman MMD & MYD, Prof. Dr. Amir Iqbal gave the briefing about the efforts of MMD & MYD in this regard, such as arrangement of various seminars and lectures conducted by experts from industry. He also asked the industry for research collaboration and requested to support the department in terms of internships, industrial visits, final year projects etc.

Following valuable suggestions were given by Mr. Husain Agha:

1. Share courses and lab practical's with industry.
2. Emphasize students to get their hands on practice.
3. Include Ethics Building courses in curriculum- which is already incorporated
4. Get Final year projects from industry for solving industrial problems.
5. Promote Make in Pakistan.

Suggestions by Mr. Nisar Ahmed Mirani

1. To get students trained on different casting simulations.
2. Develop thinking and problem solving skills in students.
3. Teach integrity, ethics and liability in students.
4. Incorporate Total Productive Maintenance in Curriculum.

5. Refractory Making needs to be improved, in this regard he suggested Research and Development lab for refractory materials and relevant research staff.

The meeting ended with a vote of thanks to the Chair.

  
Secretary 9/2/12

  
Chairman MMD & MYD