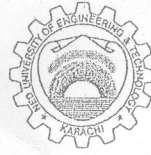


Department of Materials & Metallurgical Engineering  
NED University of Engineering & Technology

No. 3<sup>rd</sup>

Date: 12<sup>th</sup> November, 2019



**MINUTES OF THE 3<sup>rd</sup> MEETING OF  
INDUSTRIAL ADVISORY BOARD (IAB)**  
Departmental level

The 3<sup>rd</sup> meeting of IAB of Materials & Metallurgical Engineering was held on Tuesday, the 12<sup>th</sup> November 2019 at 14:30 hours in the conference room of IMD.

The following members attended the meeting:

- |  |                 |
|--|-----------------|
| 1. Prof. Dr. Syed Amir Iqbal<br>Ag. Chairman                                     | Member/Convener |
| 2. Dr. Munir Ahmed<br>Director & CEO Aisha Steels Mills                          | Member          |
| 3. Mr. Nisar Ahmed Mirani<br>CEO Bolan Castings                                  | Member          |
| 4. Engr. Samiullah Abbasi<br>Senior Corrosion Engineer OGDCL                     | Member          |
| 5. Engr. Muhammad Muzammil<br>Senior Officer (Inspection / Integrity) BYCO       | Member          |
| 6. Engr. Sheraz Asgher<br>Manager Production (Steel Making Plant) Amreli Steels  | Member          |
| 7. Engr. Muhammad Kamran Bhatti<br>Deputy Manager (QAD) Peoples Steel Mills      | Member          |
| 8. Engr. Jamil Shakoor<br>Section Manager Atlas Metals Limited                   | Member          |
| 9. Engr. Ferozuddin Mangi<br>Process Engineer (Saindak Copper Gold Project)      |                 |
| 10. Engr. Naveed Khalid<br>Manager (Quality Control) Alsons Industries           | Member          |
| 11. Engr. Arsalan Hafeez Khan<br>Senior Engineer (Planning & Development) (SSGC) | Member          |

12. Dr. Ali Dad Chandio Associate Professor MYD	Member
13. Dr. Sohail Hanif Assistant Professor MMD	Member
14. Engr. Aqeel Shah Assistant Professor/Area Coordinator MYD	Member
15. Engr. Danish Majeed Lecturer MMD/Area Coordinator	Member/Secretary

Mr. Hussain Agha, Engr. Rabnawaz Ansari, regretted to attend the meeting.

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:

#### **1. Item No-1 Confirmation of Minutes of 2<sup>nd</sup> Meeting**

The minutes of 2nd meeting of Industrial Advisory board was presented by Engr. Danish Majeed (Secretary IAB). Dr. Ali Dad Chandio, highlighted different perspectives and reasons of industry-academia collaboration emphasizing that the collaborations provide benefits to both industries and academia.

Acknowledging the importance of Industry - Academia linkages Prof. Dr. Syed Amir Iqbal gave the review of previous minutes and said that collaboration of Government, university and industry is essential for the mutual benefit and growth of country.

After the review, Dr. Ali Dad proposed the minutes of meeting to be confirmed duly seconded by Dr. Muhammad Sohail Hanif.

Thereafter the following resolution was passed;

#### **Resolution no. 3.1:**

It was resolved that the minutes of 2<sup>nd</sup> meeting of Industrial Advisory Board of Materials & Metallurgical Engineering Department held on 10-12-2018 be confirmed.

#### **2. Item No-2 Curriculum Review**

The item was discussed by Dr. Ali Dad under the guidelines of OBE system. He discussed that curriculum revision is an essential part in the CQI process of OBE system and input from industrial advisory board plays a vital role in curriculum revision. He requested board members to provide their valuable suggestions.

Following suggestions were given by the board members.

- a) Dr. Munir Ahmed (CEO Aisha Steel) emphasized that the students must be given the knowledge of Material properties development, practical application of metallurgy,

cheap and difficult route of production of Iron and steel, he also suggested incorporating a course on **STEEL INDUSTRY OF PAKISTAN** in curriculum.

- b) Mr. Naveed Khalid suggested incorporating a course on Applied Practices in Steel making or Steel Sector of Pakistan.
- c) Engr. Samiullah Abbasi suggested, giving students a task of making models of Tanks for corrosion testing on lab scale.

### 3. Item No-3 Internship Opportunities/Job Placement to Students of MMD and MYD

Dr. Ali Dad presented the detailed summary of Internships of students to board members.

CMM asked board member to create more Internship and Job placement opportunities for students to gain more practical exposure in industry.

### 4. Item no-4 Any Other Item

- 1) Dr. Ali Dad presented revised PEO's of Materials and Metallurgical Engineering Department to IAB members.

#### PEO's of Materials Engineering Department

PEO no.	Old PEOs	Revised PEOs
PEO-1:	Pursue successful career as Materials Engineer in industry, research organizations, academia and allied professions and apply knowledge to research, analysis and design	Pursue successful career as Materials Engineer in industry, research organizations, academia and allied professions with knowledge based on analytical, scientific and engineering principles
PEO-2	Work, manage in team and effectively communicate with stakeholders	Manage work as a member and team leader with qualities of critical thinking and effective communication
PEO-3	Undertake professional practice considering ethical, societal and environmental implications and ensure continuous learning	Undertake professional practice in acquaintance with professional ethics and norms while ensuring the continuous learning and sustainable development

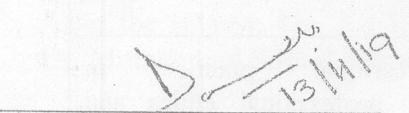


## PEO's of Metallurgical Engineering Department

PEO no.	Old PEOs	Revised PEOs
PEO-1:	Demonstration necessary Knowledge and skill in the field of Metallurgical Engineering.	Demonstrate strong competence and analytical skills in the field of Metallurgical Engineering.
PEO-2	Work, Manage in team and effectively communicate with stakeholders.	Work, manage and communicate effectively in multi-disciplinary teams.
PEO-3	Carry on professional practice considering ethical, societal and environmental implications and embroil with lifelong learning and professional growth.	Carry on professional and ethical values and commitment towards continuous professional growth and embroil with lifelong learning.

- 2) He also presented and discussed the assessment of PLOs and PEOs, and presented the mapping of CLOs with PLOs and PEOs.
- 3) Dr. Muhammad Sohail Hanif presented the “**Health and Safety**” policy of Materials and Metallurgical Engineering Department to IAB members and also shared the details of committee constituted for the implementation of policy.

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

  
Secretary

  
Chairman MMD & MYD