

Subject: Panel of Supervisor, Co-Supervisor & Examiners for Final Oral Presentation of Final Year Projects-MYD (BATCH: 2015-16)

The project oral presentation/Viva examination of final year projects will be held on **08-08-2019 (Thursday) at 9:00 AM to 4:00 PM**. Following are the panel of examiners for various project groups.

| Group No. | PROJECT TITLE | Project Supervisor | Project Co-Supervisor | Examiner-1 | Examiner-2 |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|--------------------------------------------------------------------|--------------------|------------------------|
| Group No. 01 | Design and development of plasma magnetron sputtering coating machine. | Engr. Ambreen | Dr. Ali Dad Chandio | Dr. Nafis-ul-Haque | Engr. Aqeel Ahmed Shah |
| Group No. 02 | Synthesis and characterization of activated carbon from tea waste by chemical method and its application in water treatment. | Engr. Zubia Anwer | Engr. Waseem Khan | Engr. Ambreen | Dr. Ali Dad |
| Group No. 03 | Synthesis of TiO ₂ nanoparticles and nanotubes and evaluation of their photoelectric and electrochemical characteristics. | Dr. Muhammad Rizwan | Dr. Laraib Sarfaraz | Engr. Ambreen | Dr. Ali Dad |
| Group No. 04 | Design and development of plasma electrolytic oxidation process and apply coating on aluminum alloy 7075 in different solutions. | Engr. Waseem Khan | Dr. Muhammad Rizwan | Engr. Ambreen | Dr. Ali Dad |
| Group No. 05 | Corrosion control in concrete by the addition of suitable admixtures and increasing the curing time | Dr. Ali Dad Chandio | Engr. Shafaq Asrar | Engr. Ambreen | Dr. Ali Dad |
| Group No. 06 | Synthesis and characterization of hydrophobic ZnO nanoparticles modified with fatty acids and study its effects on hydrophobicity/corrosion behaviour on steel substrate. | Dr. Ali Dad Chandio | Engr. Waseem Khan | Engr. Ambreen | Dr. Ali Dad |
| Group No. 07 | Design and development of Packaging Materials. | Engr. Aqeel Ahmed Shah | Dr. Nafis-ul-Haque | Engr. Ambreen | Dr. Ali Dad |
| Group No. 08 | Study of weld and HAZ of electric resistance pipe of hot rolling mills and suggest means to eliminate the martensite formation during process. (International Industries Limited) | Engr. Waseem Khan | Engr. Zubia Anwer (Internal) / Engr. Baber Munshi (External) | Engr. Ambreen | Dr. Ali Dad |
| Group No. 09 | The development of intermetallic compound (Ni-Ge-X) for use as high temperature. | Dr. Nafis-ul-Haque | Engr. Waseem Khan | Engr. Ambreen | Dr. Ali Dad |
| Group No. 10 | Studying the effect of double ageing and cryogenic treatment on corrosion behaviour and mechanical properties of aluminum alloy 6061. | Engr. Zubia Anwer | Engr. Sajida Shaikh | Engr. Ambreen | Dr. Ali Dad |
| Group No. 11 | Thermal and microstructural characterization of epoxy-infiltrated hydroxyapatite composite. | Engr. Ambreen Azmat | Dr. Ali Dad Chandio | Engr. Ambreen | Dr. Ali Dad |
| Group No. 12 | Hydroxyapatite coatings on stainless steel AISI 316L for bio compatibility applications. | Engr. Zubia Anwer | Dr. Ali Dad Chandio | Engr. Ambreen | Dr. Ali Dad |
| Group No. 13 | Design and development of Aluminum Sacrificial Anode. | Engr. Sajida Shaikh | Engr. Zubia Anwer | Engr. Ambreen | Dr. Ali Dad |
| Group No. 14 | To apply suitable coating on Titanium dental implants via suitable technique and study its properties. | Dr. Ali Dad Chandio | Engr. Shafaq Asrar | Engr. Ambreen | Dr. Ali Dad |
| Group No. 15 | The formation of intermetallic compound (Ni-Si-X) ternary system. | Dr. Nafis-ul-Haque | Engr. Aqeel Ahmed Shah | Engr. Ambreen | Dr. Ali Dad |
| Group No. 16 | Green synthesis and characterization of MgO nanoparticles. | Dr. Laraib Sarfaraz | Engr. Aqeel Ahmed Shah | Engr. Ambreen | Dr. Ali Dad |
| Group No. 17 | To study and suggest various parameters to reduce FeO content during steel making processes. (Peoples Steel Mills Limited) | Engr. Zubia Anwer | Engr. Waseem Khan (Internal) / Engr. Jahanzaib Siddiqui (External) | Engr. Ambreen | Dr. Ali Dad |
| Group No. 18 | Heat treatment and characterization of aluminum alloy 7XXX series. | Engr. Sajida Shaikh | Engr. Ambreen Azmat | Engr. Ambreen | Dr. Ali Dad |

Engr. Waseem Khan
Project Coordinator, MYD

Prof. Dr. Syed Amir Iqbal
Acting Chairman, MYD

**NED UNIVERSITY OF ENGINEERING & TECHNOLOGY
DEPARTMENT OF METALLURGICAL ENGINEERING**

**FINAL ORAL PRESENTATION EXAMINATION SCHEDULE OF METALLURGICAL
ENGINEERING PROJECTS (BATCH: 2015-16)**

**Note: Total Time for Presentation and Viva: 1 Hour
(35 minutes for Presentation & 25 minutes for Viva)**

| Group No. | Project Title | Room No | Time |
|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------|
| Thursday (08-08-18) | | | |
| 1. | Design and development of plasma magnetron sputtering coating machine. | Room No 1 | 09:00-10:00 |
| 2. | Synthesis and characterization of activated carbon from tea waste by chemical method and its application in water treatment. | Room No 2 | 09:00-10:00 |
| 3. | Synthesis of TiO ₂ nanoparticles and nanotubes and evaluation of their photoelectric and electrochemical characteristics. | Room No 3 | 09:00-10:00 |
| 4. | Design and development of plasma electrolytic oxidation process and apply coating on aluminum alloy 7075 in different solutions. | Room No 1 | 10:00-11:00 |
| 5. | Corrosion control in concrete by the addition of suitable admixtures and increasing the curing time. | Room No 2 | 10:00-11:00 |
| 6. | Synthesis and characterization of hydrophobic ZnO nanoparticles modified with fatty acids and study its effects on hydrophobicity/ corrosion behaviour on steel substrate. | Room No 3 | 10:00-11:00 |
| 7. | Design and development of Packaging Materials. | Room No 1 | 11:00-12:00 |
| 8. | Study of weld and HAZ of electric resistance pipe of hot rolling mills and suggest means to eliminate the martensite formation during process. | Room No 2 | 11:00-12:00 |
| 9. | The development of intermetallic compound (Ni-Ge-X) for use as high temperature. | Room No 3 | 11:00-12:00 |
| 10. | Studying the effect of double ageing and cryogenic treatment on corrosion behaviour and mechanical properties of aluminum alloy 6061. | Room No 1 | 12:00-13:00 |
| 11. | Thermal and microstructural characterization of epoxy-infiltrated hydroxyapatite composite. | Room No 2 | 12:00-13:00 |
| 12. | Hydroxyapatite coatings on stainless steel AISI 316L for bio compatibility applications. | Room No 3 | 12:00-13:00 |
| Lunch/Prayer Break (Timing 13:00 – 14:00) | | | |
| 13. | Design and Development of Aluminum Sacrificial Anode. | Room No 1 | 14:00-15:00 |
| 14. | To apply suitable coating on Titanium dental implants via suitable technique and study its properties. | Room No 2 | 14:00-15:00 |
| 15. | The formation of intermetallic compound (Ni-Si-X) ternary system. | Room No 3 | 14:00-15:00 |
| 16. | Green synthesis and characterization of MgO nanoparticles. | Room No 1 | 15:00-16:00 |
| 17. | To study and suggest various parameters to reduce FeO content during steel making processes. | Room No 2 | 15:00-16:00 |

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|-----|-----------------------------------------------------------|------------------|-------------|
| 18. | Development of nickel incorporated aluminum alloy matrix. | Room No 3 | 15:00-16:00 |
|-----|-----------------------------------------------------------|------------------|-------------|

All the students are advised to **STRICTLY FOLLOW** the timings and reach the department well before the presentation start time. Moreover, please bring the presentation in CD, USB is **NOT ALLOWED**. In case of any Query, contact Project Coordinator, MYD.

Engr. Waseem Khan
Project Coordinator, MYD

Prof. Dr. Syed Amir Iqbal
Acting Chairman, MYD

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