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| MUET_Logo.png | MEHRAN UNIVERSITY OF ENGINEERING & TECHNOLOGY JAMSHORO**DEPARTMENT OF MECHATRONIC ENGINEERING** |
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**DEPARTMENTAL INTERNSHIP PROGRAM 2022**

Department of Mechatronic Engineering is glad to offer the departmental internship to the third year and final year students of B.E Mechatronic Engineering Program during the summer vacation 2022. The duration of internship will be 6 weeks.

1. The registration forms are available online at https://www.muet.edu.pk/departments/mechatronics/student-notice-board and MTE Facebook Group.
2. The last date to submit the filled printout of the registration form in office of The Chairman is May 31, 2022
3. The internships will start from June 06,2022

Engr Aeeman Soomro (Lecturer) Prof Dr Jawaid Daudpoto

Internship Coordinator Chairman, Department of Mechatronic Engineering

MECHATRONIC ENGINEERING DEPARTMENT



**DEPARTMENTAL INTERNSHIP PROFORMA**

|  |  |
| --- | --- |
| STUDENT NAME |  |
| STUDENT CNIC # |  |
| ROLL NO. |
| BATCH |  | SEMESTER |  |
| RESIDENTIAL ADDRESS |  |
| HOSTEL ADDRESS(if allotted) |  |
| Email ID (valid one) |  |
| Mobile No. 1 |  |

|  |  |
| --- | --- |
|  | Location |
| Preference-1 | Write Serial number and task  |
| Preference-2 | Write Serial number and task |
| Preference-3 | Write Serial number and task |
| I hereby declare that the information provided above is true and correct. I also confirm that I agree with the terms, conditions, and requirements of the Internship Program. I will be punctual.Student Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date\_\_\_\_\_\_\_\_\_\_ |

FOR OFFICE USE ONLY

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| --- | --- |
| Start date of Internship |  |
| Laboratory / office assigned |  |
| Lab / Office Incharge  |  |

Signature: Signature:

Faculty Supervisor Internship Coordinator

Signature:

Chairman, Department of Mechatronic Engineering

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**LIST OF TASKS FOR DEPARTMENTAL INTERNSHIP 2022**

|  |  |  |
| --- | --- | --- |
| **Serial No.** | **Task Description** | **Faculty Supervisor**  |
| 1 | Development of platform for conduct of lab experiments remotely. | Prof. Dr. Jawaid Daudpoto |
| 2 | Planning new MCT labs for optimal service delivery |
| 3 | Development and Implementation of Biometric attendance system for staff and students |
| 4 | Design and implementation of Web based portal for students  |
| 5 | Design and implementation of Web based portal for staff |
| 6 | Implementation of deep learning framework using myRio |
| 7 | Development for framework for student community service |
| 8 | Development of student internship framework |
| 9 | Development of lab manual: Deep Learning |
| 10 | Development of lab manual: Reinforcement Learning |
| 11 | To run PLC trainer. Also design and perform a practical on it. | Dr. Saifullah Samo |
| 12 | To maintain the laboratory hardware and its paperwork |
| 13 | To perform the simulation in laboratory on software. |
| 14 | To install different software in the computers available at computer lab and check the working condition of computer hardware | Dr. Shadi Khan |
| 15 | To work on Microsoft Office and maintain the excel based datasheets  | Engr. Aeeman Soomro |

Signature: Signature:

Internship Coordinator Chairman, Department of Mechatronic Engineering