

University of Engineering and Technology Lahore, Faisalabad Campus

Department of Mechanical, Manufacturing, and Mechatronics Engineering

Subject: Allotment of Inverted Pendulum and Cart Apparatus

Dear sir,

I am interested to modify and improve the cart and inverted pendulum model currently available in the project's lab. The improvement and modifications are related to the design of the control system for the inverted pendulum and cart model for the subject of "MCT-431L Control System-II" supervised by Dr. Muhammad Usman. The end result of these modifications and improvements will be a properly controlled working model of the cart and pendulum model which can be used as an experimental apparatus in the control systems lab. It is being requested to allot the apparatus to my group. I assure you that my team and I will work hard to meet the desired objectives and handle the system with care.

I shall be very thankful to you.

Yours Obediently,

Sabir Husnain

Reg. 2019-MC-263

Sr. No.	Name	Reg. No.
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	2. M. Haroon Akram	2019-MC-256
	3. Qandeel Fatima	2019-MC-255
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	8. M. Hassam Ali Raza	2019-MC-291
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Applicant Signature: _____

Supervisor Signature: _____

Dated: October ____, 2022.