

F5

Submission Form for
PROJECT INITIATION
 CIIT-ATK-EE-02-F5

Dated: 9-09-2024**PROJECT INFORMATION:**

PROJECT ID			NUMBER OF MEMBERS	3
TITLE	Hybrid Assistive Limb			
SUPERVISOR NAME	Sir Qazi Zia		SUPERVISOR TYPE	INTERNAL
SUPERVISOR EMAIL	qazizia@ciit-attock.edu.pk		SUPERVISOR PHONE	03318135936

PROJECT MEMBERS:

MEMBER NAME	REG. NO.	SIGNATURE
Muhammad Aamir	FA21-BEE-029	
Abdullah Khan	FA21-BEE-005	
Mubashir Aslam	FA21-BEE-002	

CHECKLIST:

Number of additional pages attached with this form

YES / NO

I/We have attached the finalized **Project Objectives**
using the form F3A

YES / NO

I/We have attached the finalized **Project Timeline**
using the form F3B

My/Our supervisor has attested the attached pages

YES / NO

I/We have agreed to initiate this project from today

YES / NO

F5a

PROJECT OBJECTIVES

CIIT-ATK-EE-02-F5a

Dated: 20-9-2024Submit this document as an attachment to the form F3

PROJECT ID		TOTAL NUMBER OF OBJECTIVES	7
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TITLE	Hybrid Assistive Limb
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No.	DESCRIPTION OF OBJECTIVE	PRIORITY*
1	The hybrid limb should significantly increase the user's ability to move independently and perform daily tasks.	A
2	The device should provide additional strength to assist with activities that are challenging for the user.	A
3	The hybrid limb should help the user maintain physical activity for longer periods.	A
4	The materials used in the hybrid limb should allow for proper ventilation and prevent discomfort.	A

PRIORITY LEVELS*A** Must achieve**B** Recommended**C** OptionalExplain project objective with the help of block diagram and with flow chart (if possible). Add additional pages if required.

F5b

Submission Form for
PROJECT MILESTONES

CIIT-ATK-EE-02-F5b



Dated: 20-9-2024

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PROJECT ID	TOTAL NUMBER OF OBJECTIVES

TITLE	Hybrid Assistive Limb for Lower Limb Disabilities: Enhancing Mobility, Independence, and Quality of Life

No.	STARTING WEEK DATE	DESCRIPTION OF MILESTONE	DURATION IN WEEK
1	18-09-24	Literature review for FYP proposal plus defence	2 Weeks
2	02-10-24	Data collection from patients with lower limb disabilities	8 Weeks
3	04-11-24	Literature review on hybrid assistive limb technology	2 Weeks
4	11-11-24	Design and prototyping of the hybrid assistive limb	4 Weeks
5	30-11-24	Integration of sensors and actuators	6 Weeks
6	20-01-25	Development of control algorithms	2 Weeks
7	03-02-25	User testing and feedback	2 Weeks
8	17-02-25	Refinement and optimization of the device	2 Weeks
9	03-03-25	Documentation and presentation work	2 Weeks

Supervisor's Signature