

INTERNSHIP 2022

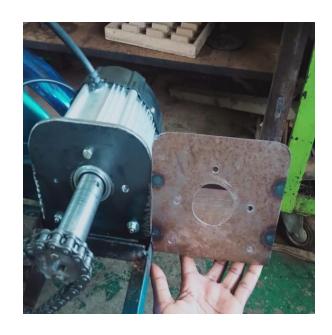
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Tasks completed last week

[#91] Testing the E-tricycle (test ride around the workshop

Change of the motor housing







Tasks in this week

[#90] Aesthetic finishing of E-tricycle [#31]Fabrication and assembly of the E-tricycle

TIMELINE

Month	Intern week	Tasks
Jan	Week 1	Taking measurements and 3D modelling of the tricycle
		Identification of parts
	Week 2	Design of chain drive
		Shaft design
		Disassembly of the tricycle

Feb	Week 3	Acquisition of parts
		Fabrication of tricycle components Literature
		review on E-tractors
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	Week 4	Identification of parts to be replaced on the shujaa tractor
		Calculation of power requirements for the shujaa tractor Measurement of chassis
	Week 5	Design of various transmission components 3D
		modeling of the Shujaa tractor
	Week 6	Vibration and stress analysis
		Acquisition of parts for the tricycle
March	Week 7	Design of the transmission system of shujaa tractor
		Fabrication of motor shaft attachment for the tricycle Fabrication
		of motor housing
	Week 8	Final fabrication of parts for the tricycle
		Assembly of the E-tricycle
		Design and acquisition of the gearbox (shujaa tractor)