

Internship 2022

Progress report format for team meeting

Name: Felix Wanyoike Gateru

Tasks completed last week

- [#5] Find out best material for casing, nozzle and bulkhead

Aluminium A7075 acquired

- [#10] Casting tools design

<https://github.com/nakujaproject/N2-Propulsion/tree/main/Fuel/Casting/Casting%20tools>

- [#20] OpenMotor fuel simulation

<https://github.com/nakujaproject/N2-development/tree/main/propulsion>

- [#52] Nozzle fabrication

In progress

Nozzle development



Tasks in this week

- [#13] Ejection charge design
- [#67] Development of solid rocket propellant workplan
- [#21] Research on modification of KNSB fuel

Timeline

Month	Intern week	Tasks
Jan		
	Week 1	Designs [Fuel, Casing, Nozzle, Bulkhead, Casting tools, Test stand]
	Week 2	Fabrication of items
	Week 3	Fuel Fabrication and test stand revamp
Feb	Week 4	Fabrication of items & Fuel casting
	Week 5	Iterative Fuel tests
	Week 6	Launch Pad design and iterative fuel tests
	Week 7	Iterative fuel testing and improvement