

Nakuja internship Team meeting

Felix

Tasks completed last week

- Casting propellants for second static testing
- Developing a new ignition system
- Second Static test

Developing a new ignition system

<https://github.com/nakujaproject/felixResearch/blob/main/PYROTECHNIC%20IGNITER.pdf>

Casting propellants for second static testing

https://www.youtube.com/watch?v=seHI_T3TNuw

Second Static test

<https://www.youtube.com/watch?v=POv-Dx5S3-U>

Tasks in this week

- Motor material selection and acquisition
- Design of SRM static firing nozzle
- Static firing of Iron iii oxide enriched propellant

Timeline

Month	Week	Tasks
Mar	Week 1	Machining of N2 motor
	Week 2	Design of test stand
	Week 3	Fabrication of test stand
	Week 4	Casting and static test of SRM
Apr	Week 1	Fabrication of v1 of N1 rocket motor
	Week 2	Finalizing design of N1 rocket motor
	Week 3	Integration of propulsion system to the rest of the rocket
	Week 4	N1 rocket launch and data analysis