

Comparative study of active anti-disturbance control and conventional control

Step	Work to be done	Time allotted
1	Carry out literature survey on disturbance observer and prepare presentation. (Refer to thesis by Dasgupta 2017)	2 weeks
2	Carry out literature survey on Active anti-disturbance control (AADC) and prepare a presentation (Refer to any paper on the subject from 2000-2020)	2 weeks
3	Replicate the paper by Chen 2004	4 weeks
4	Apply AADC for a linear gas turbine model to control thrust, taking help from A.M mam	
5	Same with non-linear parameter varying model, taking advice from A.M mam	
6	Draft a conference paper on Step 5 taking advice from A.M mam	

Also, fortnightly report to be prepared on each of the above steps