

IITM - Infrastructure Systems Lab

Proposed Budget

#	Item	Estimate (INR Lakhs)	Purpose
1	6 DOF robotic manipulators - 10 numbers	60	Experiments involving automation and robotics
2	Controllers - Arduinos, Raspberry PI, etc.	10	Data acquisition, control, etc.
3	Sensors and data loggers	20	
4	Computer hardware	10	Servers and high end computing
5	Software	10	BIM, Visualization, etc.
6	LIDAR	20	Laser scanning, measurements, etc
7	3D printers	10	Prototyping
7	Drones	5	Experiments involving monitoring and automated model creation
8	Man power - One Technical manager	15	For setting up of the lab and managing it for two years
9	Miscellaneous - consumables, operating expenses, etc.	40	Racks, furnishing, stationary, etc. Rent of space might have to be included here.
	Total		INR 2 Crore