

Summary of proposed payload/mission

1.	Title of Payload /mission proposed	
2.	Science objectives	
	i. New Science	
	ii. Extension/ Improvisation to the previous findings	
	iii. Supplementary / complementary science	
3.	Type of Instrument	
4.	Instrument specifications to meet science objectives	
5.	New technologies	
6.	Critical components/ issues for realizing the instrument	
7.	Technical Aspects of the payload	
	i. Mass	
	ii. Power	
	iii. Type and Number of targets to be observed	
	iv. Expected flux range of the sources	
	v. Exposure time required to meet the science objectives for the brightest and the faintest targets in the list	
8.	Science Data	
	i. Storage requirements per orbit from S/C	
	ii. Data Generated per orbit	
	iii. Latency	
9.	Requirements from S/C	
	i. Orbit preferred	
	ii. Attitude requirement	
	iii. Pointing direction	
	iv. Temperature control required (YES/NO) If yes, details thereof	
	v. Temperature control required for data storage (YES/NO) If yes, details thereof	
	vi. Magnetic cleanliness of the S/C required (YES/NO) If yes, details thereof	

	vii. Grounding required (YES/NO) If yes, details thereof		
	viii. Commanding and health monitoring requirements		
10.	Institutional Infrastructure		
	(a) Manpower details:		
	i. Science	Total required	Total available
	ii. Technology	Total required	Total available
	(b) Test and calibration facilities		
	(c) Any other		
11.	Budget requirements		
12.	Schedule – time frame	Qualification Model	Flight Model
13.	List of non-space grade and non-rad-hard components		