

Annexure I Format to fill the Description about the Payload This information has to be uploaded along with the application	
	Name of the hosted payload:
A.	Detailed description of Payload a) Objective & Introduction A brief description of the proposal stating the broad scientific objectives and specific aims of the proposed experiment is to be provided. It should include a concise description of payload design and methods for realizing the hardware and software components b) Payload specifications Broad specifications of the payload/experiment including dimensions, weight, power, parameters to be measured (including measurement accuracies), data rates, TM, TC etc. Basic concept and description of the payload (include line diagrams or schematic) with interface details & data downlink requirements. c) Specific requirements from POEM (Stability, pointing, orbit type, power etc.) and constraints on payload operation (Electrical, mechanical, environmental) <ul style="list-style-type: none"> Any special requirement of payload interfaces from the POEM to be explicitly mentioned. The operational life of POEM would be few days (To be Decided) as a stable platform and few months (To be Decided) without 3axis stabilization. Requirement of the stabilized platform, if mandatory for your payload shall be explicitly mentioned. d) Plans for data processing, management and archival e) Definition of success criteria of the payload
B.	Development strategy <ul style="list-style-type: none"> Present status and realization plan Stages of qualification model, engineering model, flight model etc. Realization plan & schedule of delivery with QA clearance certificates to be mentioned considering present status of payload as T0
C.	In case POEM communication capabilities are not required <ul style="list-style-type: none"> Details of TTC Station(s) / TTC service provider being proposed to be used for payload operations (Name and address), if applicable Details of data receive ground station(s), if any (Name and address) FREQUENCY: Frequency details (carrier frequency, BW, data rate, modulation) Data Uplink and/or Downlink Frequency (carrier frequency, BW, EIRP, data rate, modulation etc.) ITU-R filing status - for TTC frequencies & data Uplink and / or downlink frequencies
D.	Description of required post-launch ground operation support.
E.	Expected cost for payload realization and source of funding Intended end use of the experimental payload
F.	Payload realization timeframe including major milestones