

**PLANET AEROSPACE ACTIVITIES  
YEAR 2020-21**

<b>SI NO</b>	<b>Company/Agency</b>	<b>Nature of Work Assignment</b>	<b>Contributed by</b>
1	AZISTA Aerospace, Ahmedabad.	Consultancy in Small satellite realisation and other satellite sub-systems	R.K.Rajangam, A.A.Bokil, B.R.Ananda Murthy
2	LARSEN & TOUBRO, Chennai	Pre-bid support to bid for realization of space qualified solar panels. Contract won by Dhruva Space	R.K.Rajangam,A.A.Bokil
		Knowledge support for Design development of Radome - had few meetings, the project did not move further. Experts from PA and even from SHAR were brought in on the topic.	R.K.Rajangam, T.L .Danabalan,Selvaraj,SHAR
3	LARSEN & TOUBRO, Coimbatore	Exploratory Knowledge support for Crew Seat design enquiry from HSP of ISRO. The project did not move further.	R.K.Rajangam,T.L .Danabalan
		Exploratory support for different technology development programs floated by ISRO for HSP.	R.K.Rajangam,L.S.Satyamurthy, M.V.Kannan,H.R.Nagendra,A.A.Bokil, M.Venkata Rao
4	Dhruva Hyderabad	Running consultancy project from December 2020. It involves design, development, qualification and delivery of four sets of solar panels for a defense project.· Project running smoothly and the client is happy with the support provided by Planet Aerospace. Support to Dhruva Space for development and testing of Magnetic Torquer. Exploratory Support to Dhruva Space for qualification and integration of EO payload for defense project. Exploratory support for on Antenna Pointing mechanisms.	Anil Agarwal, R.Ekkundi, BK Muktha, RK Srinivasan, DL Shirolikar, K Venkatesh, B.R.Ananda Murthy, R.K.Rajangam,A.A.Bokil, MOHAN KRISHNA, M.Venkata Rao, RKR, DRMS, DS, RKR, N.Vishwanath

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		Study on constellation of satellites with Optical & SAR payloads	
5	ANTRIX Corporation, Bangalore	Consultancy on manufacture & marketing of satellite sub-systems	MV Kannan, M.Venkata Rao, V Kesavaraju, H.R.Nagendra, R.K.Rajangam.
6	Dynami Technologies (Giveme 5)	Development of baseline content for a course on Nano-satellites for global children.	C.S.Prasad, P Natarajan, M Venkata Rao, R.K.Rajangam
7	Delta V Robotics	Knowledge support for developing software-based satellite simulator. Project is running and support is being provided by members of Planet Aerospace	T.K.Sundara Murthy, V. Mahadevan, Dr.S.Rangarajan
8	Janyutech Pvt. Ltd, Mumbai	Preparation of Feasibility Study Report on LEO constellation of communication satellites for providing 5G equivalent services.	R.K.Rajangam, A.A.Bokil, V Sambasiva Rao, M Sonnada, Dakshayani, M.Venkata Rao,H.R.Nagendra
9	PWC, Bengaluru	Exploratory knowledge support for responding to query from Bangladesh for GSO communication satellite.	L.S.Satyamurthy,A.A.Bokil,R.K.Rajangam

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		An RFP was floated by Nepal government for appointing a consultancy agency that will help in finalising the requirements, design a space segment as well as ground segment, assist in regulatory matters etc.	L.S.Satyamurthy, R.K.Rajangam, A.A.Bokil, Parameswaran, Sainath, H.R.Nagendra,
10	Aniara, Bengaluru	With S3Tel from Dubai in the front, Planet Aerospace collaborated with Aniara communications and submitted the response for this RFP including a commercial proposal.	M.Venkata Rao
11	Sharda Mechanical Engineering, Noida,UP	Support for development of Ring focus antenna. MS Ramaiah Univ of Applied Sciences was brought in as a research agency. At least 5 to 6 meetings involving all the relevant experts.	R.K.Rjangam, G.R.HATHWAR,
12	Virginia Tech, Chennai	Delivery of a series of Video lectures on Nano satellite technologies Discussions were held and project team identified	N.K. Malik, Dr.S.Rangarajan
13	Sri Rameshwar Inst of Engg & Info Tech, Goa	Proposal for 3-day workshop on Nano satellites submitted	M Venkata Rao, Prabhakar, Guruprasad
14	Others	A book titled "Quintessence of Nano-satellite Technology" was authored, edited and published in November/December 2020	G.R.Hathwar - lead, M.Venkata Rao, B.R.Ananda Murthy, A.A.Bokil
15	Janyutech Pvt. Ltd, Mumbai	Orientation Programme-Satellite Technology-31st July-18th Aug 2021	By domain experts of PA - Faculty Identified