

## Letter of Intent for Asset Mapping

Between

National Remote Sensing Centre, Hyderabad - 500037

ISRO, DOS

and

Alva's Institute of Engineering and Technology, Mijar, Moodbidri

ISRO has developed an online Portal - Bhuvan Panchayat ([www.bhuvan-panchayat.nrsc.gov.in](http://www.bhuvan-panchayat.nrsc.gov.in)) with the space-based inputs towards resource-based and integrated spatial developmental planning of rural areas in a user-friendly enabling environment under the project "Space based Information Support for Decentralized Planning (SIS-DP)". In order to utilize the Portal for decentralized planning by Panchayat Raj Institutions (PRIs), ISRO has initiated a new project called Empowering Panchayat Raj Institutions Spatially (EPRIS) with the goal to empower PRIs by utilizing the Portal for developmental planning at Panchayat level. Towards achieving the goal, it is essential to have the information of existing assets so that one can assess the gap area and plan for new assets.

NRSC has initiated implementation of EPRIS project covering 10% of Panchayats with the help of Partner Institutions namely, SRSACs, NIRD and NGOs. Further to fasten the activity, the asset mapping workshop was conducted through distance learning from IIRS on 27th June 2016 to several academic institutions. During the workshop many academic institutions showed interest to participate in the asset mapping exercise. To carry out the asset mapping activity with Academic Institutions in a stipulated time of 3 months, ISRO has identified a nominal amount of Rs. 2000 per gram Panchayat for the logistics support. To avoid duplication of work, this Letter of Intent for asset mapping has been prepared for joint signature by NRSC & academic institutions.

In this Letter of Intent, National Remote Sensing Centre (NRSC) is the nodal agency for capacity building, asset mapping and activity planning for empowering PRIs, NRSC and Alva's Institute of Engineering and Technology, Mijar, Moodbidri, agree to exercise their best efforts in fulfilling the following obligations for asset mapping in the selected Gram Panchayats (as per list shown in Annexure-1):

1. All the community assets lying in the selected Gram Panchayat area are to be mapped using the latest version of Bhuvan Panchayat Asset Mapping Mobile App, freely downloadable from the Bhuvan Panchayat Portal ([www.bhuvan-panchayat.nrsc.gov.in](http://www.bhuvan-panchayat.nrsc.gov.in)).
2. The asset mapping is to be done in co-ordination with the local Elected Panchayat Representatives / Panchayat functionaries and validated by the concerned Elected Panchayat Representative / Panchayat functionary.
3. The assets successfully mapped by the Bhuvan Panchayat Mobile App will be available on the Portal after moderation.
4. The following documents, available in Bhuvan Panchayat Portal for free download, may be referred for the detailed methodology: (i) Asset Directory and Mapping Guidelines, and (ii) Bhuvan Panchayat Asset Mapping App User Manual.
5. Remuneration will be paid to the University at the rate of Rs. 2000 per Gram Panchayat on signing of this Letter of Intent.

20/3/17  
V. S. S.  
22/3/17

*[Signature]*

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● **INTERNSHIP  
CERTIFICATES**

● **2018-2019**

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## Certificate

This is to certify that the project entitled "DESIGN OF SATELLITE PATH TRACING ANTENNA MODEL" is a record of the bonafide work done by BHUVANESH M (4AL16EC015), RAMANATH NAIK (4AL16EC054), ASHISH SHANBHAG (4AL16EC008), RAHUL JATTENNAVAR (4AL16EC052) at NATIONAL REMOTE SENSING CENTRE, ISRO Hyderabad during the period of 18<sup>th</sup> January 2019 to 18<sup>th</sup> April 2019, The project report is being submitted in partial fulfilment of the requirements for the award of degree of B.E in "Electronics and Communication Engineering" at alva's institute of engineering and technology, mijar, moodbidri, Karnataka, they have completed the assignment work satisfactorily.

This a record of bonafide work carried out by them under my guidance and supervision.

*Shafali Tandon*

Mrs. SHAFALI TANDON

Sci/Eng.SE

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