

Date: 11/03/2017

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) 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 Panchayati 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).
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.

Dr. Ravi
20/3/17

V. S.
27/3/17

[Signature]

6. University/Institutes should make their own arrangement for Smart phone(s) for collecting the asset data in the field
7. After successful mapping of all the assets utilization of fund with necessary certification by the Panchayat Representative/ Panchayat functionary need to be submitted to NRSC
8. After successful asset mapping, developmental activity planning using Bhuvan Panchayat platform will be planned separately by capacity building of the locals with the participated academic institutions at Panchayati Raj Institutions.

This letter of intent is valid until successful completion of the task as per the above obligations, or 3 months from the date of signing this letter, whichever is earlier. The obligations under this letter of intent can be nullified on mutual consent. This letter of Intent is not intended to and shall not constitute in any way a binding or legal agreement, or impose any legal obligation or duty on either party.

Signatures



वी. रघु वेंकटरामन
V. Raghun Venkataraman
National Remote Sensing Centre
CGM-RC, NRSC



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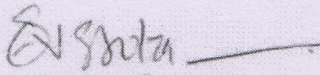
Government of India
Department of Space

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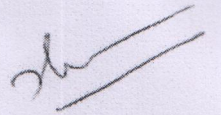
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CERTIFICATE

This is to certify that Jagath Haren with USN 4AL17CS034 studying in B.Tech Final Year at Alva's Institute of Engineering and Technology, Moodbidri, affiliated to Visvesvaraya Technological University has successfully completed his Final Year Project Work at National Remote Sensing Centre, Indian Space Research Organization under our guidance. His Project Work is on "*Design and Development of Software Tool for Differential Interferometric SAR - DInSAR Processing for Deformation Studies*" during the period 1st April 2021 to 1st July 2021.


Sita Kumari EVS


Group Head, MDPG



Hari Priya S

Scientist/Engineer 'SE'

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This is to certify that **K Thrishul** with **USN 4AL17CS038** studying in B.Tech Final Year at Alva's Institute of Engineering and Technology, Moodbidri, affiliated to Visvesvaraya Technological University has successfully completed his Final Year Project Work at National Remote Sensing Centre, Indian Space Research Organization under our guidance. His Project Work is on "*Design and Development of Software Tool for Differential Interferometric SAR - DInSAR Processing for Deformation Studies*" during the period 1st April 2021 to 1st July 2021.

Sita Kumari EVS

Group Head, MDPG

Hari Priya S

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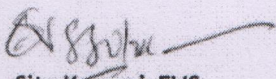
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CERTIFICATE

This is to certify that **Nagashree Arun M** with **USN 4AL17CS052** studying in B.Tech Final Year at Alva's Institute of Engineering and Technology, Moodbidri, affiliated to Visvesvaraya Technological University has successfully completed his Final Year Project Work at National Remote Sensing Centre, Indian Space Research Organization under our guidance. Her Project Work is on "*Design and Development of Software Tool for Differential Interferometric SAR - DInSAR Processing for Deformation Studies*" during the period 1st April 2021 to 1st July 2021.


Sita Kumari EVS

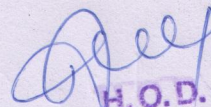
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Indian Space Research Organisation

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CERTIFICATE

This is to certify that **Naik Nayana Ganapati** with USN 4AL17CS053 studying in B.Tech Final Year at Alva's Institute of Engineering and Technology ,Moodbidri, affiliated to Visvesvaraya Technological University has successfully completed his Final Year Project Work at National Remote Sensing Centre ,Indian Space Research Organization under our guidance. Her Project Work is on "*Design and Development of Software Tool for Differential Interferometric SAR - DInSAR Processing for Deformation Studies*" during the period 1st April 2021 to 1st July 2021.

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