



Message from the Director General, GSI



Another eventful year passed and we are into 2019, continuing our journey with zeal and zest. Looking back at 2018, I am very happy to congratulate our GSI family for achieving many significant targets, set up to contribute towards the bigger goal of taking our nation to new heights.

Activities of baseline data generation and mineral exploration have remained our main focus during 2018. GSI has significantly contributed towards augmenting mineral resources of the country – Copper, Iron, bauxite, Gold, Limestone, Lead & Zinc to name a few. All mineral investigation reports have been digitized and made available to public. To infuse modern technology, GSI has undergone MoU with Geoscience Australia (GA) and Project: Uncover is the result of our earnest endeavour in this regard.

In baseline data generation which is the foundation stone of any earth-science activity and for which stakeholders look towards us, we are onto a successful journey of covering the country by geological, geophysical and geochemical mapping activities. GSI has completed NGCM in the accessible part of the OGP area of the country. For fast tracking of generating aero-geophysical data, GSI has outsourced National Aero-geophysical Mapping Programme (NAGMP) and has generated data over 6 lakh line kilometres.

For contributing to the societal causes, GSI is carrying out National Landslide Susceptibility Mapping programmes in landslide prone areas of the country. People-centric Landslide Early Warning System has been launched at Giddapahar village of Darjeeling district of West Bengal. Post-disaster studies were diligently carried out by GSI teams at Kerala and Karnataka and the important findings were shared with the local authority.

On 14th August 2018, GSI has launched VAQ model programme to usher in a new era by transforming the organization through enhancement of *Visibility, Activity and Quality*.

After bidding farewell to 2018 on a happy note, we must be ready to take bigger strides and set our new targets for an even better 2019. Leveraging digital technology to manage the data lifecycle right from collection to dissemination, accentuating concealed mineral prospecting, conducting marine seismic surveys, high resolution aerogeophysical surveys, embracing state-of-art analytical instruments, initiating collaborative research programs are some of the key initiatives that GSI has to take. On our way forward in 2019, I am sure all of us will run an extra mile to keep our flag afloat and achieve the success in our new focus areas:

1. Enhancement of exploration activities: Encouraged by the success of contributing towards mineral block auctioning in 2018, GSI is taking a quantum jump by increasing Mission II FSP items from 200 to over 350. Also, in order to decide on future course of action, we are also doubling Regional Mineral Targeting (RMT) projects. These research projects will help us to gain insight into the process of finding mineral deposits starting with regional models and reaching down to local and deposit scales.
As a measure of removing any lag in taking up the next level of exploration, GSI is identifying top priority projects termed as 'Fast Track High Prospective Projects (FTHPP)'. These surely will introduce a culture of fast decision making by pre-emptive action taking.
2. In marine survey, GSI has to successfully complete the Sub-bottom profiling and systematic coverage within TW and EEZ.
3. For baseline data generation, GSI will continue to increase its coverage in OGP and beyond. In 2019 our target is to complete the NAMP programme.
4. VAQ is viewed as the game changer for GSI. With completion of 100 days, a great beginning has been done. But we have to keep the momentum growing and the changes should become visible once we approach 300 days. With VAQ themes covering entire spectrum of GSI activity, all of us must actively play our roles and imbibe a new culture of functioning and delivering.
5. The novel idea of 'Bhuvismvad' has been translated into action by all offices of GSI. This platform of interaction with academia and professionals will bring rich dividends to GSI in near future. Again, I am sure 'Bhuvismvad' will lead GSI into new horizon of collaboration and cooperation.

6. Capacity building is very pertinent focus of GSI in today's fast changing environment. GSITI is doing excellent work in training our officers, scientists from Central Government, State DGMS, PSUs and academia. International professional are also participating in training programs at GSITI, Hyderabad. GSITI is venturing into programmes where fresh postgraduates will be imparted specialised trainings to make them industry-ready.

All these require your active participation and I wish you all success. We have to **Think, Act and Achieve**. Let 2019 bring happiness to all members of the GSI family.

Happy New Year 2019 to all family members of GSI

Desepto
31/12/2018

Dr. Dinesh Gupta
Director General