



NavIC-GAGAN Utilization Program

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Space Applications Centre (SAC) has initiated NavIC and GAGAN Data Utilization Program (UP) in the year 2016

Main purpose was to develop navigation algorithms and applications and to increase awareness about India's navigation programs among academic institutes

Announcement of Opportunity (AO) document was released on SAC website in May 2016 to invite the proposals from various academic institutes in India

Announcement of Opportunity

Milestone-1

- **Formation of Committee for NAVIC GAGAN UP Report generation**

Milestone-2

- **Release of Announcement of Opportunity (AO) document**

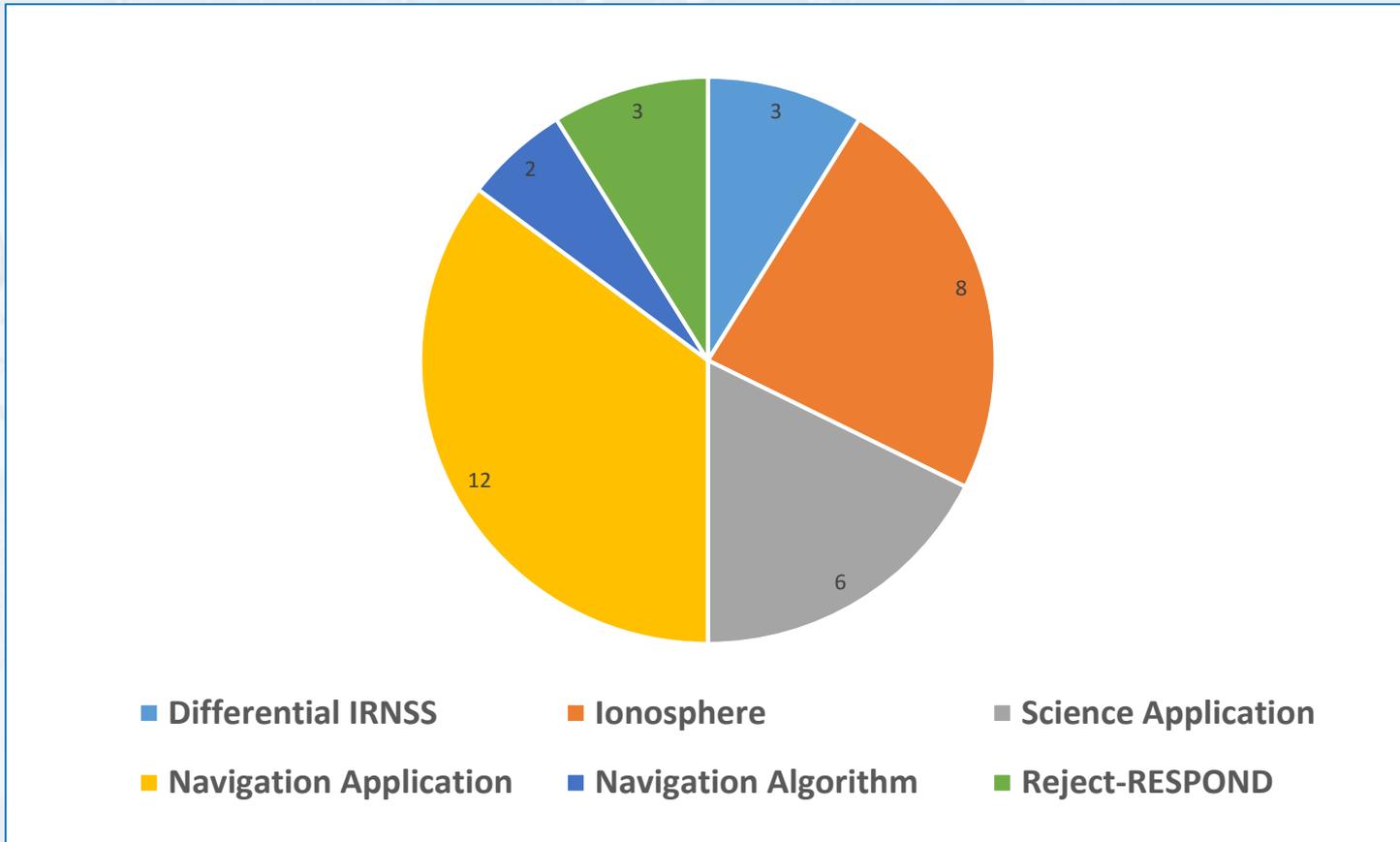
Milestone-3

- **Formation of Task Team for evaluation of the proposals**

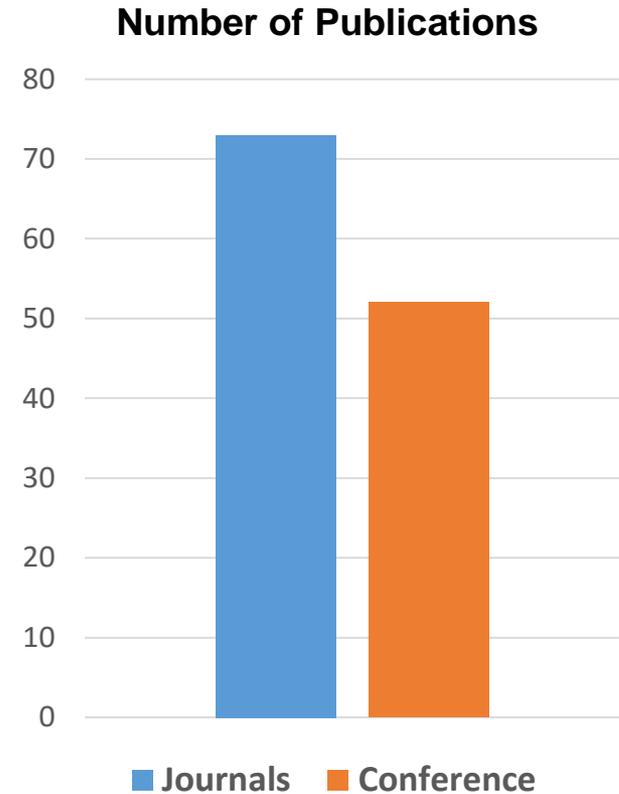
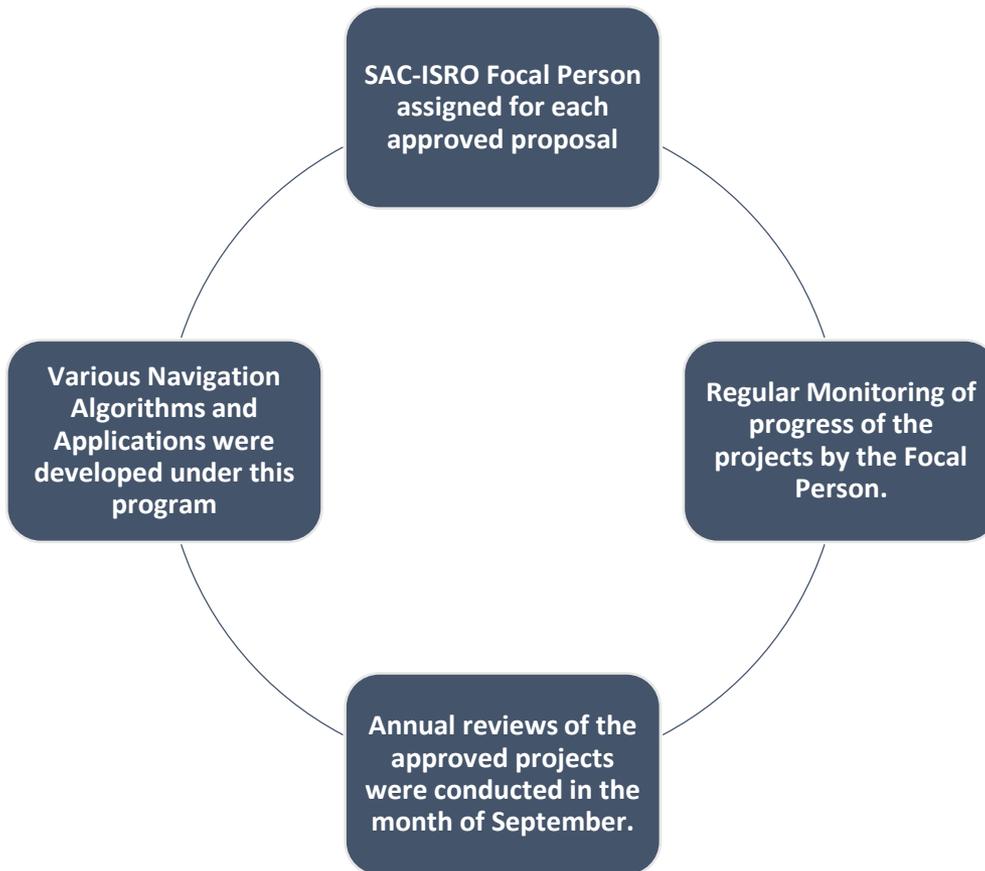
Milestone-4

- **Formation of Project Management Board (PMB)**

Distribution of received proposals

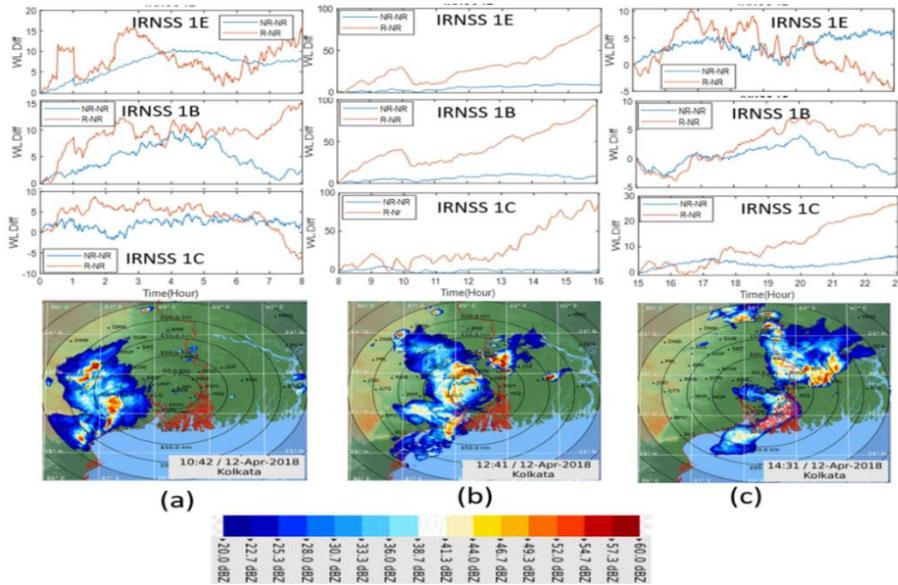


- Total 34 proposals were received under NAVIC GAGAN UP.
- Proposals received under five main categories.
- 28 Proposals were recommended by Task Team and approved by PMB

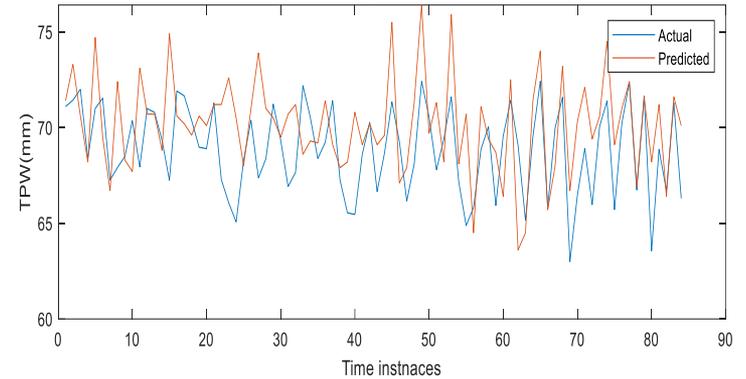


Initiated NavIC GAGAN UP Phase II after successful completion of Phase I

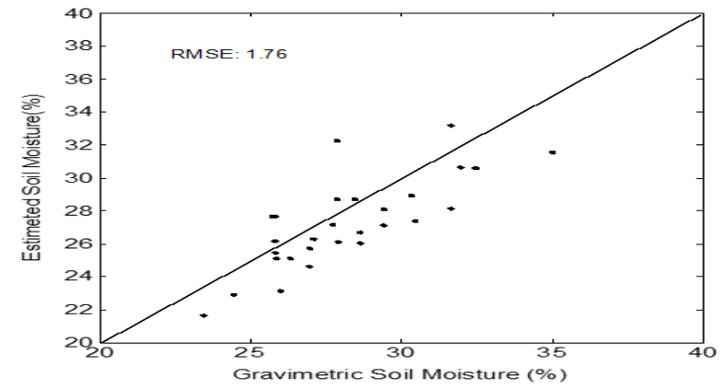
Detection of Thunderstorm from C/N0 Observation



Precipitable water vapour predicted by deep learning



Soil Moisture Estimation using NavIC Signals



Estimation of STEC

