

**GOVERNMENT OF INDIA  
MINISTRY OF EARTH SCIENCES  
LOK SABHA  
UNSTARRED QUESTION NO. 302  
TO BE ANSWERED ON WEDNESDAY, 24<sup>TH</sup> JULY, 2024**

**Overarching Scheme PRITHvi Vigyan**

302. DR. BHOLA SINGH:

Will the Minister of EARTH SCIENCES be pleased to state:

- (a) whether the Government has approved the overarching scheme “PRITHvi Vigyan (PRITHVI)” for implementation during the period from 2021-26;
- (b) if so, the details thereof;
- (c) whether the above scheme encompass five ongoing sub-schemes namely ACROSS, O-SMART, PACER, SAGE and REACHOUT; and
- (d) if so, the details thereof and the steps being taken by the Government in this regard?

**ANSWER**

**THE MINISTER OF STATE (INDEPENDENT CHARGE) FOR  
MINISTRY OF SCIENCE AND TECHNOLOGY  
AND EARTH SCIENCES  
(DR. JITENDRA SINGH)**

- (a-d) Yes. The Union Cabinet on 5th January 2024 approved the overarching scheme “PRITHviVigyan (PRITHVI)” of Ministry of Earth Sciences for implementation during the period 2021-26 at an overall cost of Rs. 4797 crores.

The PRITHVI scheme encompasses five on-going sub-schemes namely:-

- (i) Atmosphere & Climate Research-Modelling Observing Systems & Services (ACROSS).
- (ii) Ocean Services, Modelling Application, Resources and Technology (O-SMART).
- (iii) Polar Science and Cryosphere Research (PACER).
- (iv) Seismology and Geosciences (SAGE).
- (v) Research, Education, Training and Outreach (REACHOUT).

The overarching scheme of PRITHVI holistically addresses all the five components of earth system namely atmosphere, hydrosphere, geosphere, cryosphere and biosphere to improve the understating of the Earth System Sciences and to provide reliable services for the country. Various research & development and operational (services) activities under PRITHVI scheme are carried out in an integrated manner through combined efforts of the concerned Institutes under MoES.

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