

(PMJDY), Deen Dayal Upadhyaya Grameen Kaushalya Yojana (DDU-GKY), Shyama Prasad Mukherji Rurban Mission (SPMRM), Pradhan Mantri Suraksha Bima Yojana (PMSBY), Pradhan Mantri Jeevan Jyoti Bima Yojana, Atal Pension Yojana, Pradhan Mantri Mudra Yojana, Stand Up India Scheme etc.

#### **Funds for study on climate change**

606. DR. BANDA PRAKASH: Will the Minister of PLANNING be pleased to state:

(a) the details of funds allocated by the nodal Ministry for study on climate change and its impact on India; and

(b) the results of the studies done so far?

THE MINISTER OF STATE OF THE MINISTRY OF PLANNING (RAO INDERJIT SINGH): (a) The Ministry of Environment, Forest and Climate Change is implementing Central Sector Scheme titled Climate Change Action Programme (CCAP). Under the scheme, the Ministry has sanctioned two projects, namely the National Carbonaceous Aerosols Programme (NCAP) and Long Term Ecological Observatories (LTEO) Project. NCAP is a multi-institutional programme sanctioned to a consortium of 17 institutions led by Indian Institute of Technology (IIT) Bombay at a total cost of ₹55.57 crore in March 2016 for a period of five years. LTEO Project is also a multi-institutional programme which was approved in December 2019 at a total cost of ₹40.00 crore to be implemented for a period of five years by a consortium led by Indian Institute of Science, Bengaluru.

(b) The results achieved through NCAP so far include source characterisation and emission inventory for monitoring of black carbon sources and development of related data-base.

#### **Solar mission Aditya-L1**

607. DR. ASHOK BAJPAI: Will the PRIME MINISTER be pleased to state:

(a) whether project solar mission Aditya -L1 is in progress as per schedule and shall be launched in the year 2020 to study sun's corona;

(b) if so, the details thereof; and

(c) if not, the reasons therefor?

THE MINISTER OF STATE IN THE DEPARTMENT OF SPACE (DR. JITENDRA SINGH): (a) Yes Sir, the solar mission Aditya- L1 is in progress as per schedule for launch in the year 2020 to study Sun's corona.

(b) The details of the project are as follow:-

I. Five instruments to be flown are under Test and Evaluation.

II. Two instruments to be flown are in integration phase.

III. All other structural elements, sensors and actuators are realized.

(c) In view of (a) above, does not arise.

#### **Setting up of new rocket launch pads by ISRO**

608. SHRI SANJAY SETH: Will the PRIME MINISTER be pleased to state:

(a) the details of number of rocket launch pads that Indian Space Research Organisation possess;

(b) whether Government is planning to set up a new rocket launch pad intended to be used for future Indian rocket launches from India both for domestic as well as International customer;

(c) if so, whether Government has identified the place and State for this purpose;

(d) the time by when this new rocket launch pad will be made operational; and

(e) if so, the number of domestic and foreign satellites to be launched and revenue to be earned?

THE MINISTER OF STATE IN THE DEPARTMENT OF SPACE (DR. JITENDRA SINGH): (a) The Indian Space Research Organisation has established two launch pads - the First Launch Pad (FLP) and the Second Launch Pad (SLP), which is located at Satish Dhawan Space Centre, Sriharikota.

(b) and (c) Government has proposal to set up rocket launching pad for launching Small Satellite Launch Vehicle (SSLV) near Kulasekarapattinam in the State of Tamil Nadu.

(d) Once the acquisition of land through Government of Tamil Nadu is completed, the launch pad at the new site is expected to take 18 months to become operational.