

SRI V.S.SIVALINGAM CHETTIAR GOVERNMENT DEGREE COLLEGE
SULLURPET, TIRUPATI DISTRICT, ANDHRA PRADESH

DEPARTMENT OF PHYSICS

REPORT OF THE FIELD VISIT

The final year Physics Department students, along with the principal, teaching and non-teaching staff of the SVSSC Government Degree College, Sullurpet, went to the Satish Dhawan Space Centre in Sriharikota on June 30th, 2022, to witness the launch of the PSLV-C53 rocket.

On Thursday, June 30, 2022, the Indian Space Research Organization (ISRO) successfully launched PSLV-C53/DS-EO from the Satish Dhawan Space Centre in Sriharikota, with the ISRO's powerful rocket precisely placing the satellites in the intended orbit. At 6.02 p.m., ISRO's workhorse PSLV lifted off from the second launch pad, carrying three satellites: DS-EO, a 365 kg satellite, and NeuSAR, a 155 kg satellite built by Starec Initiative, Republic of Korea. The third was a 2.8 kg Scoob-1 from Nanyang Technological University in Singapore.

55th mission of PSLV

This was the 55th mission of the PSLV and the 15th mission of the PSLV-Core Alone variant. The PSLV-16 is the 16th rocket to be launched from the second launch pad. According to an ISRO press release, the mission's goal is to demonstrate the use of the spent upper stage of the launch vehicle as a stable platform for scientific payloads after satellite separation.

The four-stage, 44.4-meter-tall PSLV-C53 rocket, with a lift-off mass of 228.433, precisely injected the DS-EO satellite into an orbit 570 kilometres above the equator. The PSLV Orbital Experimental Module (POEM) DS-EO carries an Electro-Optic, multi-spectral payload with a 0.5 m resolution. The POEM activity uses the spent PS4 stage as an orbital platform to conduct scientific experiments. The PS4 stage will orbit the Earth as a stabilised platform for the first time.

POEM is powered by solar panels mounted around the PS4 tank and a Li-ion battery. It navigates using four sun sensors, a magnetometer, gyros, and NavIC. It has dedicated control thrusters powered by helium gas storage. It has a telecomm and feature. POEM carries six

payloads, including two from Indian Space Start-ups, Digantara and Dhruva Aerospace, made possible by IN-SPACE and NSIL.

Speaking from the mission control room, ISRO Chairman **S. Somnath** stated that PSLV-C53 has placed the NSIL customer satellites in a precise orbit of 570 km. This is yet another major mission in June, following the successful launch of India's communication satellite GSAT-24 by Arianespace on June 22 from Kourou in French Guiana. Following the successful launch, all of the students, principal, and staff arrived at the college with full of joy.

After a successful launch, all of the students, principal, and staff members arrived at the college with full of joy and happiness.







A handwritten signature in blue ink, appearing to read 'S. S. S.', is positioned above the printed text.

PRINCIPAL
Sri VSSC Govt. Degree College
SULLURPET - 524121,
Tirupathi Dt, (AP)



भारत सरकार
अन्तरिक्ष विभाग (अं.वि.)
सतीश धवन अंतरिक्ष केंद्र शार
श्रीहरिकोटा -524124 भारत

GOVERNMENT OF INDIA
DEPARTMENT OF SPACE
SATISH DHAWAN SPACE CENTRE SHAR
SRIHARIKOTA-524124 INDIA



LAUNCH WITNESS PASS FOR LAUNCH VIEW GALLERY

PSLV-C53/ DS-EO MISSION 30th June 2022 (Thursday) at 06:00 PM (Evening)

REGISTRATION NO : **T7973E62043** SERIAL NO : **3258**
ENTRY TIME : **30/Jun/2022 02:00 PM TO 30/Jun/2022 05:00 PM**
NO. OF PERSONS : **20 (Including primary visitor)** MOBILE NO. : **9440555840**
TYPE OF VISIT : **INSTITUTE**
INSTITUTE NAME : **SVSSC GOVERNMENT DEGREE COLLEGE SULLURPET**
MODE OF TRAVEL : **PUBLIC TRANSPORT** VEHICLE NO : **AP07CP2716,AP26BL3966,AP16BJ9023,AP39NE3936**
ADDRESS : **SVSSC GOVT DEGREE COLLEGE SULLURPET ANDHRA PRADESH**

Sl. No	Name	Gender	Age	ID Type	ID Number
1	Dr SLB SANKARA SARMA	M	53	AADHAR	490420970599
2	Sri P Yedukonalu	M	48	AADHAR	389952333281
3	Sri Ch.Subrahmanya Sastry	M	58	AADHAR	419830497064
4	Dr V RAJA	M	51	AADHAR	590290588561
5	Dr J Subrahmanyam	M	48	AADHAR	478824058368
6	T POLAIAH	M	47	AADHAR	241901432743
7	S SRINIVAS	M	60	AADHAR	392346515708
8	T MOHAN KRISHNA	M	21	AADHAR	619948049447
9	SRISTI RAMDYUTHI	F	26	AADHAR	984453323177
10	CH MADHU BABU	M	42	AADHAR	451661095434
11	inturi murali	M	20	AADHAR	522229459964
12	NALLA CHANDANA	F	21	AADHAR	469772112979
13	V YAMINI	F	21	AADHAR	962854347350
14	P CHANDRIKA	F	20	AADHAR	272391556289
15	G PRAVEENA	F	21	AADHAR	849092253806
16	GUBBALA BHARGAVI	F	21	AADHAR	5706 3959 3307
17	GANGADHARAN PAVITHRA	F	23	AADHAR	2540 6838 5383
18	JALARAMBEDU MOUNISHA	F	23	AADHAR	2855 8221 1110
19	PUTTU HEMALATHA	F	22	AADHAR	8374 7620 1904
20	N MUNILAKSHMI	F	23	AADHAR	9142 9022 0725

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REGISTRATION NO / SNO : **T7973E62043 / 3258** NO. OF PERSONS : **20 (Including primary visitor)**
VISIT TYPE / INST. NAME : **INSTITUTE / SVSSC GOVERNMENT DEGREE COLLEGE SULLURPET**
NAME OF THE PERSON : **Dr SLB SANKARA SARMA** ID TYPE : **AADHAR CARD**
ID CARD NO. : **490420970599** GENDER/AGE : **MALE / 53**

Signature of the visitor

(This counter foil will be retained by the visitor after verification.)



ADVISORY TO VISITORS

- 1) Only Indian nationals are permitted.
- 2) Please arrive for Entry time as indicated in the Launch witness Pass.
- 3) Please carry the hard copy / soft copy of this Launch witness Pass along with valid original Identity Proof(Adhaar Card/ Pan Card/ Driving License/ Central Govt. Issued ID card/ State Govt issued Id Card),entered at the time of registration for all visitors (as mentioned in this Launch View Pass).
- 4) Children below 10 years have to be accompanied by parent(s)/guardian.
- 5) Please carry minimum necessary baggage. Excessive baggage will be not be allowed in the premises.
- 6) Please cooperate and consent for inspection of belongings and self during your entry and stay.
- 7) Visitors should remain within Launch View Gallery, honouring all safety and security barricades.
- 8) Cameras, Video Cameras and Cellular Phones are permitted as long as their use does not interfere with safety, security and operation of the facility. All such items including any type of media storage are subject to inspection.
- 9) Carrying firearms or other kind of weapons, explosives or incendiary devices or other dangerous instruments, substances or materials which are likely to produce substantial injury or damage to persons or property, is prohibited.
- 10) Carrying and consumption of alcohol or any other type of narcotic drugs is strictly prohibited.
- 11) Smoking is strictly prohibited.
- 12) Overtaking of vehicles in Visitor Complex area is prohibited.
- 13) Speed Limit within the Visitors Complex area is 20 Kmph.
- 14) Crossing of barricaded area is prohibited.
- 15) Pets are strictly not allowed.
- 16) By attending this event and being in ISRO premises, visitors understand that their activities are likely to be photographed and/or videotaped, and may be used for ISRO's own usage.
- 17) ISRO reserves the right to ADMISSION, CHANGE OR CANCELLATION, of Confirmed or tentative visits.
- 18) Public Transport is available from Sullurpeta for reaching SHAR / Launch View Gallery. APSRTC buses will also ply between Sullurpeta Bus stand and SHAR for visitors convenience on payment. Same will be available from SHAR to Sullurpeta Bus stand post launch also.
- 19) No provision for accomodation will be provided by ISRO.

IMPORTANT NOTE :

- 1) **Launch View Gallery is NO SMOKING & PLASTIC FREE ZONE.**
- 2) **Launch Witness from Launch View Gallery, Sriharikota is fully free of cost.**
- 3) **All the visitors have to bring the original Photo ID card submitted at registration time, without which entry will not be allowed.**
- 4) **Persons with Cold / Cough / Fever are advised not to visit.**
- 5) **Wearing of mask is compulsory and follow COVID-19 appropriate behaviour.**

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