

4 Days Training Program to Engineers in Indian Space Research Organisation



Inaugural Function on 17/08/2021 10.30 Am onwards

Time	Event	Name
10:30 to 10:35 hours	Welcome Address	Shri. K.A. Subramanyam, Head, Electrical & AC, CEPD.
10:35 to 10:40 hours	Introduction to yearlong all India Electrical safety Campaign	Shri. S. Appavoo, Chief Electrical Inspector (Retd), Govt of Tamil Nadu. Technical Advisor "Vidyut Surakshit Bharat Abhiyan".
10:40 to 10:50 hours	Inauguration of the training to ISRO	Shri. Ravinder Gupta, Chief Electrical Inspector, Central Electrical Authority.
10:50 to 10:55 hours	Inauguration of the training	Shri. H S Ravi Kumar, Director, CEPD, ISRO.
10:55 to 11:05 hours	Guest of Honour	Smt. Priti Bhatnagar, Head (ETD), Bureau of Indian Standard.
11:05 to 11:15 hours	Guest of Honour	Dr. D.P. Sharma, Prof. Sathish Dhawan Scientist, ISRO HQ, ISRO.
	Vote of Thanks	Shri. Srithar, Scientist, CEPD, ISRO
Regulations and Standards		
11:15 to 12:00 hours	Electricity act of India & CEA safety regulations	Shri. LKS. Rathore, Director, RIO(W) & Electrical Inspector to Govt. of India.
12:00 to 12.30 hours	Indian Standards on Electrical safety	Shri. Ritwik Anand, Scientist D (ETD), Bureau of Indian Standard.
	Interaction with stake holder	

About CISSA

Centre for Innovation in Science and Social Action (CISSA) is a registered NGO bearing more than a decade of fruitful interventions in issues relating to Science, Technology and Society. CISSA is driven by noble ideas that evolve from everywhere and brought to practice for the betterment of people. Fourteen years of its existence has found CISSA achieving perennially expanding credibility as an organization capable of venturing with massive projects to bring many benefits for the society. CISSA is backed by a group of enthusiastic professionals from diverse disciplines including engineers, scientists, academicians, lawyers, authors and administrators, who offer selfless service to script exceptional success with myriads of missions.

VIDYUT SURAKSHIT BHARAT ABHIYAN

The yearlong awareness campaign on electrical safety follows the modern national and international practices with an aim to reduce electrical accidents and its fatalities in order to save people and property.

The campaign consists of

- ◆ 100* training classes on four main subjects
- ◆ 25* classes on additional subjects
- ◆ Posters & videos in local languages.
- ◆ Clarifications of doubts on social media

The campaign is organized under the name VIDYUT SURAKSHIT BHARAT ABHIYAN supported by BIS and participated by CEA. Electrical inspectorates of various state governments, industry organisations and associations also join this campaign.

**VIDYUT SURAKSHIT
BHARAT ABHIYAN**
A mass movement to
create awareness on
electrical safety



17/08/2021–20/08/2021
10:30 AM to 04:30 PM

Registration LINK

<https://bit.ly/3k0n8O7>

Or scan QR Code



VIDYUT SURAKSHIT BHARAT ABHIYAN by CISSA

Lightning Awareness and Research Center (LARC),

Center for Innovation in Science and Social Action.

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Technical sessions

17.08.2021 14.30 to 16.30 hours	Lightning protection as per IS/IEC 62305	Basics of lightning, risk assessment, air termination, down conductor and earthing - design, erection and testing
18.08.2021 11.00 to 13.00 hrs	Earthing part -I (IS3043 & IS732)	System earthing and equipment earthing as per IS3043 & IS732
18.08.2021 14.30 to 16.30 hours	Earthing part -I (IS3043 & IS732)	Earthing of electronic equipment and UPS (IS732 & IEEE 1100)
19.08.2021 11.00 to 13.00 hrs	Designing of LV electrical installation (IS732)	Protection against electric shock Protection against thermal effect Protection against over current Protection against over voltage
19.08.2021 14.30 to 16.30 hours	Verification of LV electrical installation (IS732)	Concepts of verification Inspection and points of inspection Testing and points of testing Videos of resistance measurement of conductors Fault loop impedance test Touch voltage measurements SPD test
20.08.2021 11.00 to 13.00 hrs	Solar PV (IS 16997)	Protection against electric shock Lightning protection Earthing
20.08.2021 14.30 to 16.30 hours	Surge Protection devices (IS16463)	Lightning protection zone concept Indirect coupling of Surges in connected services SPD's what are they Selection & Erection

SUSTAINABLE DEVELOPMENT GOALS



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Partner



REGIONAL CENTRE OF EXPERTISE
ON EDUCATION FOR
SUSTAINABLE DEVELOPMENT

ACKNOWLEDGED BY



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