



CMR Technical Campus

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Student Development Program (SDP)

EVENT REPORT

Student Development Program (SDP) on “Awareness Program on Rocket Science- Design Thinking for Rocket Science and Its Innovations” Organized by ECE Department Under Research Centre for Advanced Communication Systems (RCACS) in Association with Institution’s Innovation Council (IIC 4.0), on 16-06-2022 at CMR Technical Campus, Hyderabad, Telangana.

The speaker Yella Shiva Prasad sir, former Scientist at Vikram Sarabhai Pace Centre (VSSC) -Indian Space Research Organization (ISRO) explained major objectives and difference between chandrayaan 1 and chandrayaan 2. Speaker explained about the rocket science-Design thinking for rocket science and its innovations and Historical record of inner solar system environment and models. Evidence for water molecules discovered by Chandrayaan-1 and the extent of water molecule distribution on the surface, below the surface and in the lunar exosphere to address the origin of water on Moon. Sir has explained about ISRO Space centre, Shar project, Sathish Dhawan space centre.

PHOTO GRAPHS:



CMR Technical Campus

ECE Department

Student Development Program(SDP)

on

**“Awareness Program on Rocket Science-
Design Thinking for Rocket Science and Its Innovations”**

16-06-2022

Organized By

ECE Department Under

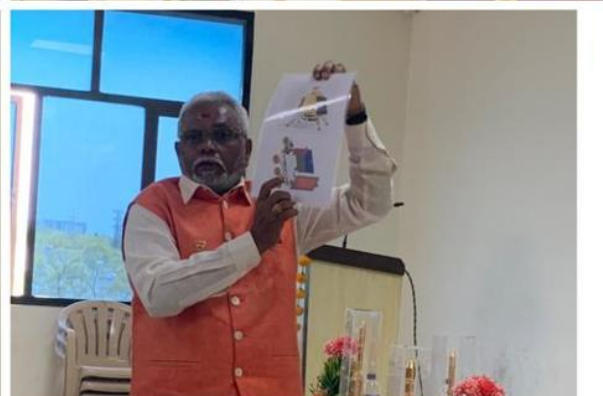
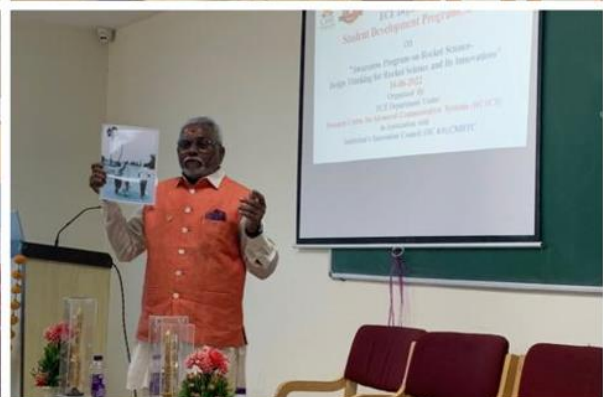
Research Centre for Advanced Communication Systems (RCACS)

in Association with

Institution’s Innovation Council (IIC 4.0),CMRTC




















CMR TECHNICAL CAMPUS

UGC AUTONOMOUS
Kandlakoya, Medchal Road, Hyderabad,
Telangana 501401

ECE Department

Organizing SDP towards

**AWARENESS PROGRAM ON ROCKET
SCIENCE- DESIGN THINKING FOR ROCKET
SCIENCE AND IT'S INNOVATIONS**

**under RCACS in association with
Institution's Innovation Council (IIC 4.0)**



Speaker:
YALLA SHIVA PRASAD
Former Scientist,
Vikram Sarabhai Space Centre (VSSC)
Indian Space Research Organization (ISRO)
Department of Space (DOS), Government of India
Thiruvananthapuram



Registration Link:
<https://forms.gle/P5A2mkVC2PCKo6Pf6>

16th June 2022
10:00 am

Faculty Co-ordinators
Dr. K. Mohana Lakshmi
D. Sreekanth

**Free Registration with
Certificate of Participation**

Dr. Sudha Aravind
RCACS Lead
Convener IIC CMRTC

Prof. G. Srikanth
HoD-ECE Department
CMRTC

Dr. K. Srujan Raju
Vice President, IIC
CMRTC

Dr. M. Ahmed Ali Baig
President, IIC
CMRTC

Dr. A. Raji Reddy
Director
CMRTC





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Kandlakoya, Medchal Road, Hyderabad-501401
Telangana

Certificate of Appreciation

Sri. Yalla Shiva Prasad

Former Scientist, Vikram Sarabhai Space Centre (VSSC),
Indian Space Research Organization (ISRO), Department of Space (DOS),
Government of India, Thiruvananthapuram

*In Appreciation of his Valuable and Dedicated Contribution As a
Speaker on 16th June 2022 towards
Student Development Program
On*

**“Awareness Program on Rocket Science-
Design Thinking for Rocket Science and
Its Innovations”**

Organized by
ECE Department
Under Research Centre for Advanced Communication Systems (RCACS)
in Association with
Institution's Innovation Council (IIC 4.0)
Initiation of Ministry of Education's (MoE's) Innovation Cell, Govt. of India
CMR Technical Campus, Kandlakoya, Medchal Road
Hyderabad, Telangana



Dr. Sudha Aravind
Convener IIC, CMRTC



Prof. G. Srikanth
HoD-ECE, CMRTC



Dr. M. Ahmed Ali Baig
President, IIC, CMRTC



Dr. A. Raji Reddy
Director, CMRTC

Faculty Co-ordinators
Dr. K. Mohana Lakshmi
Mr. D. Sreekanth

Dr. Sudha Aravind
Professor, ECE Department
RCACS Lead, CMRTC

1)Session Title: Awareness Program on Rocket Science-Design Thinking for Rocket Science and Its Innovations

(2) Description:

The speaker Yella Shiva Prasad sir, former Scientist at Vikram Sarabhai Pace Centre (VSSC) -Indian Space Research Organization (ISRO) explained major objectives and difference between chandrayaan 1 and chandrayaan 2. Speaker explained about the rocket science-Design thinking for rocket science and its innovations and Historical record of inner solar system environment and models. Evidence for water molecules discovered by Chandrayaan-1 and the extent of water molecule distribution on the surface, below the surface and in the lunar exosphere to address the origin of water on Moon. Sir has explained about ISRO Space centre, Shar project, Sathish Dhawan space centre.

(3) Session Image:



(4) Session Theme: Design Thinking & Innovation

(5) Organized on: 16/6/2022

(6) Organized as : IIC Calender Activity 3.0/IIC Calender Activity 4.0/MIC Calender Activity/Self Calender Activity/

(7) **Keywords:** Chandrayaan 1 , Chandrayaan 2

(8) **Video URL:**

(9) **Lead Expert's Name:** Yella Shiva Prasad

(10) **Lead Expert's Email:**

(11) **Lead Expert's Designation:** former Scientist at Vikram Sarabhai Pace Centre (VSSC) - Indian Space Research Organization (ISRO)

(12) **Lead Expert's Organization:** Department of Space , Government Of India, Thiruvananthapuram.