

Springboards

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Sri Venkateswara College of Engineering



Present

Springboards Academy for Talented Youth

Summer camp on Engineering & Technology for School Children

May 2 - 6, 2017

Open to students from classes 8 - 12

Programme Objective

This programme introduces the students to the Engineering discipline by providing hands-on-experience in various Engineering & Technology principles. The arena gives an excellent opportunity to understand the multi-disciplinary facets of Engineering.

It includes a one day Industrial visit.

The camp includes activities to build Leadership, Teamwork and Personal effectiveness skills.

Programme Content

The summer camp consists of lectures and hands-on sessions on various Engineering & Technology principles.

1. Construction Engineering
2. Electrical power generation using Generators, Hydroelectric & Solar power plants.
3. Refrigeration – Principle & Construction
4. Robotic Technology – Fundamentals
5. Automobile Engine - Principle and Assembly
6. Evolution of Computer Hardware
7. Communication Engineering
8. Software Development & Applications
9. Chemical & Biochemical Technology
10. Marine Engineering

Venue : SVCE Campus, Sriperumbudur

Time : 8.30 am to 3.30 pm

Group Registration Fee
₹ 1500/ Student
for a Minimum of 5

Registration Fee
₹ 2000

Registration fee includes Registration kit, Breakfast, Lunch and Transportation

Accommodation will be provided in the hostel on request with subsidized fee

DD/Cheque in favour of
The Principal SVCE
payable at Sriperumbudur

Last date for registration : Feb 28, 2017

For further details:

Max. no. of Participants
is limited to 40

eMail: saty@springboards.in ; Cell : +91 73584 61391 / 81440 68830

*Participation in SATY is not a gateway for entry to UG / PG courses offered at SVCE

DEPARTMENT OF BIOTECHNOLOGY
SRI VENKATESWARA COLLEGE OF ENGINEERING
REPORT ON SATY SUMMER CAMP ON ENGINEERING & TECHNOLOGY FOR
SCHOOL CHILDREN

2nd-6th MAY, 2017

Summer Camp on Engineering & Technology for School Children was organized during 2-6th May, 2017 by Springboards Academy for Talented Youth and Sri Venkateswara College of Engineering, Sriperumbudur. This one week Summer Camp included series of lectures and practical hands-on-sessions by in-house faculty members. 42 registered participants were actively participated in this Summer Camp from various schools.

The inaugural function was started at 8.30 am with a prayer song followed by welcome address by Prof. E. Nakkeeran, Professor and Head, Department of Biotechnology. Prof. S. Ganesh Vaidyanathan, Principal, SVCE delivered the Chief Guest address. In his speech, he highlighted the importance of the summer camp. After his speech, he inaugurated the camp. Prof. S. Krishnan, Prof/MR, Mr. V. Gurusamy, AP/MR, Mr. V. Sridharan, AP/ME handled the demonstration of 2-stroke and 4-stroke Engine, Refrigeration and Air Conditioning System, Parts & Construction of Ship, Welding Practice, Visit to Solar Power Plant at SVCE in the forenoon session. Teamwork activity was handled by Dr. S. Ganesh Vaidyanathan, Principal and Dr. C. Amuthacharusheela, AP/HSS in the afternoon.

On day 2, Mr. T. Annamalai, AP/EE, Mr. M. Athappan, AP/EC handled DC Motor and Generator, Circuit Design of Timer, Soldering Exercise, Power Meter & Wireless Communication in the forenoon. Resource person from Springboards Academy for Talented Youth., Chennai handled the team building activity in the afternoon.

On day 3, Ms. R. Gayathri, AP/CS handled Software and Firewall, Assembling of Processor, RAM, HDD, CD Drive, Floppy Drive, etc. in the forenoon. Indoor Sports activity was conducted by the Physical Education Department staffs in the afternoon.

On day 4, Mr. R. Mathiyazhagan, AP/CE handled Checking Levelling and Bumps on Site, Demonstration of Building Lifting using a Jack in the forenoon. Field Trip to M/s. Hindustan Coca Cola Beverages Pvt Ltd., Chennai was arranged in the afternoon.

On day 5, Dr. E. Nakkeeran, Professor/BT, Ms. P. Jaibiba, AP/BT, Ms. R. Rathna, Research Scholar handled Identification of Blood Cells using Microscope, Preparation of Milk Powder using Spray Dryer, Sewage Treatment & RO Plant Visit in the forenoon. Dr. T. Murugavel, Prof/HSS and team handled Communication Skill Development in the afternoon.

The valedictory address was delivered to the participant by Prof. M. Sivanandham, Secretary, Sri Venkateswara Educational & Health Trust, Chennai in the afternoon. The organizing secretary, Prof. E. Nakkeeran summarized the proceedings of the camp. The camp was concluded by thanking all the contributors, the management and the participants by the organizing secretary, Mr. S. Ravichandran, Springboards, Chennai. Feedback for all the sessions was obtained from the participants. On the whole the camp was extremely informative and helpful, and enlightened the participants. The overall feedback provided by the participants for the camp was more than satisfactory for their needs.

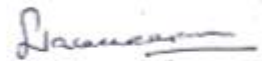
Photos captured during the event





Prof. E. Nakkeeran
Organizing Secretary

Approved by



Prof. E. Nakkeeran, HoD BIO
Prof. E. NAKKEERAN, M. Tech., Ph.D.
Professor & Head
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