

JIGYASA : CSIR Scientist-Students Connect Programme
A Summer Science Activity Program for 9 - 10 Std School
Children and Teachers from Kendriya Vidyalaya

Venue: CSIR-NIIST
Duration: 12th June – 16th June 2017

Program Schedule
12th June 2017 (Day 1)

09.30 - 10.00 am - Registration (Venue - Seminar hall)
10.00 - 10.30 am – Program Inauguration (Dr. A. Ajayaghosh, Director, CSIR-NIIST)
10.30 - 11:00 am – Tea break (Seminar hall)
11:00 - 1.00 pm – Lab visit
1.00 - 2.00 pm – Lunch break
2.00 - 2.45 pm – Lecture - Optical Spectroscopy (Dr. V. Karunakaran, CSIR-NIIST)
2.45 - 3.30 pm – Lecture - Chromatography (Dr. L. Ravi Shankar, CSIR-NIIST)
3.30 - 4.00 pm – Tea break (Seminar hall)
4.00 - 4.30 pm – Discussions with scientists Dr. V. Karunakaran and Dr. L. Ravi Shankar

13th June 2017 (Day 2)

10.00 - 10.30 am - Lecture - Safety practices in the Lab (Dr. L. Ravi Shankar)
10.30 - 11:00 am – Tea break (Seminar hall)
11:00 - 1.00 pm – Basic lab expt.
1.00 - 2.00 pm – Lunch break
2.00 - 3.30 pm – Basic lab expt.
3.30 - 4.00 pm – Tea break (Canopy area near auditorium)
4.00 - 4.30 pm – Discussions on the expt. with the concerned scientist and research scholars

14th June 2017 (Day 3)

9.30 - 10.30 am - Popular Lecture: Electromagnetic waves: Our extended eyes
(Dr. Manoj Rama Varma, CSIR-NIIST)
10.30 - 11:00 am – Tea break (Seminar hall)
11:00 - 1.00 pm – Basic lab expt.
1.00 - 2.00 pm – Lunch break
2.00 - 3.30 pm – Scientific film (Dr. Rahul Dev Mukhopadhyay)
3.30 - 4.00 pm – Tea break (Seminar hall)
4.00 - 4.30 pm – Discussions on the topic of scientific film

15th June 2017 (Day 4)

- 9.30 - 10.30 am - Popular Science Lecture (Dr. Hareesh U. S., CSIR-NIIST)
- 10.30 - 11:00 am – Tea break (**Seminar hall**)
- 11:00 - 1.00 pm – Basic lab expt.
- 1.00 - 2.00 pm – Lunch break
- 2.00 - 3.30 pm – Interaction with research scholars (each group of students in the respective labs)
- 3.30 - 4.00 pm – Tea break (**Canopy area near auditorium**)
- 4.00 - 4.30 pm – Discussions with research scholars

16th June 2017 (Day 5)

- 9.30 - 10.30 am - Popular Science Lecture (Dr. Nisha P., CSIR-NIIST)
- 10.30 - 11:00 am – Tea break (**Seminar hall**)
- 11:00 - 12.30 pm – Popular Lecture: Waste Management (Dr. Krishnakumar B., CSIR-NIIST)
- 12.30 - 2.00 pm – Lunch break
- 2.00 - 3.30 pm – Science Quiz (Dr. Jubi John, Dr. V. K. Praveen, Dr. R. D. Mukhopadhyay) (**Auditorium**)

- 3.30 - 4.30 pm – Feedback, certificate distribution and closing remarks