GUJARAT COUNCIL OF SCIENCE CITY
Ahmedabad

SUMMER SCIENCE PROGRAMME - 2024

17th to 31st May 2024

Sl. No.	Date & Day	Time	Programme Title	Activities	Venue	Age	No. of seats
1.	17 May 2024 Friday	11.00 to 13.00 hrs 14:00 to 16:00 hrs	Creative Toy Making	Explore idea, design and develop scientific toy `	Science Dome	14 to 18 Yrs	50
2.	18 May 2024 Saturday	11:00 to 13:00 hrs 14:00 to 16:00 hrs	Model Rocketry	Basic principle of rocket, prepare sketch, built paper rocket, testing rocket and analyses.	Science Dome	14 to 18 Yrs	50
3.	21 May 2024 Tuesday	11:00 to 13:00 hrs 14:00 to 16:00 hrs	IoT/ Mobile App Development	Introduction of IoT, App page design and development.	Science Dome	14 to 18 Yrs	50
4.	22 May 2024 Wednesday	11:00 to 13:00 hrs 14:00 to 16:00 hrs	3D Modeling & Printing	Information about 3D printing, prepare design or sketch, use 3D pen, develop 3D object.	Science Dome	14 to 18 Yrs	50
5.	23 May 2024 Thursday	11:00 to 13:00 hrs 14:00 to 16:00 hrs	Maths through Origami	Fun with math, geometry, trigonometry, basic principal of maths etc.	Science Dome	14 to 18 Yrs	50
6.	24 May 2024 Friday	11:00 to 13:00 hrs 14:00 to 16:00 hrs	Fun Physics	Basic principles of pressure, force, newton's low, mechanics, dynamics, heat, light, electricity and magnetism etc.	Science Dome	14 to 18 Yrs	50
7.	25 May 2024 Saturday	11.00 to 13.00 hrs 14.00 to 16.00 hrs	Wonder of Chemistry	Identification of chemicals, structure, properties, chemical reaction, fun activities with different chemical.	Science Dome	14 to 18 Yrs	50
8.	28 May 2024 Tuesday	11.00 to 13.00 hrs 14.00 to 16.00 hrs	Electronics Circuit Making: PCB Design	Study of basic component i.e. Capacitor, Register, Diode, Transistor, IC etc. Parallel & Series Connection, Open & Close Circuit, DC light circuit, Rain & Temperature Alarm, Touch Sensor, LED Circuit.	Science Dome	14 to 18 Yrs	50

9.	29 May 2024 Wednesday	11.00 to 13.00 hrs 14.00 to 16.00 hrs	Internet of Things (IoT) Technology on Home Automation	Introduction to IoT Introduction to Arduino, Demo on different Home automation projects.	Science Dome	14 to 18 Yrs	50
10.	30 May 2024 Thursday	11:00 to 13:00 hrs 14:00 to 16:00 hrs	Telescope Making	Basic principles of telescope, different parts & functions, assembling.	Science Dome	14 to 18 Yrs	50
11.	31 May 2024 Friday	11:00 to 13:00 hrs 14:00 to 16:00 hrs	Drone and Aerodynamics	Learn basics of Unmanned Arial Vehicles (Drones), law of aerodynamics, design, install and testing of drone	Science Dome	14 to 18 Yrs	50

Instructions:

1. The registration shall be on GCSC website only and on first come first served basis till the slot availability.
2. Participant can attend the workshop after successful online registration with free of cost.
3. The programme activities and schedule are subject to change without any prior notice.
4. Participants are required to carry necessary materials such as laptop (if required), water bottle, writing pad, pen, pencil, colours, calculators etc. during the seminar.
5. Certificate will be awarded to the participants after successfully completion of workshop.
6. Participants can visit any gallery or any attractions on paid basis after successfully completion of workshop on same day.