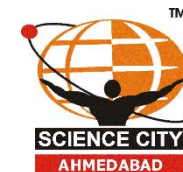




Department of Science & Technology
Government of Gujarat

GUJARAT COUNCIL OF SCIENCE CITY
DEPT OF SCIENCE & TECHNOLOGY, GOVT OF GUJARAT

Annexure-A



SUMMER SCIENCE OUTREACH CAMP - 2022
[5th May to 5th June 2022]

1. Hands-on workshop on STEM:

Sl. No.	Date	Time	Programme Title	Activities	Venue	Resource Person	Age group	No. of seats
1	5 th – 7 th May 2022 4 hrs per day x 3 day	11.00 to 16.00 hrs	Workshop on Robotics Champion Module (Embedded System)	Introduction to Robotics, Mechanical & Electronics parts, breadboard & circuit design, study of motor & sensor, basic programming, testing	Nobel Dome	DA-IICT/ PDP/ Govt. Polytechnic/IIT Gandhinagar	13 – 16 yrs	25
2	9 th – 11 th May 2022 4 hrs per day x 3 day	11.00 to 16.00 hrs	Plant Tissue Culture	Different stages of Plant Tissue culture techniques viz. Media preparation, Inoculation of explant, observation of results will be demonstrated	LSP	Dr. Yogesh T. Jasrai Botany, Professor Guj. Uni	13 – 16 yrs	25
3	9 th – 11 th May 2022 4 hrs per day x 3 day	11.00 to 16.00 hrs	Workshop on Photography & Videography	Hands-on demonstrations with the camera, basic digital image editing techniques, working principles of camera	Audi II	Dr. Vrajesh Parikh & Mr. Pulkesh Prajapati GCSC	13 – 16 yrs	25
4	12 th – 14 th May 2022 4 hrs per day x 3 day	11.00 to 16.00 hrs	Electronics Circuit Design Filed Visit: Electronic Industry	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	Nobel Dome / Audi II	Dr. Darshan Vyas HOD, HNGU, Patan	13-16 yrs	25

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5	12 th – 14 th May 2022 4 hrs per day x 3 day	11.00 to 16.00 hrs	Workshop on Science Journalism	How to write science blogs, article, research papers etc. in magazine, newspaper, research journal and any other sources of science communication.	Audi I	Dr. Darshan Trivedi HOD & Professor MICA Ahmedabad	16-18 + yrs	25
6	16 th – 18 th May 2022 4 hrs per day x 3 day	11.00 to 16.00 hrs	Internet of Things (IoT) Technology on Home Automation	Introduction to IoT Introduction to Arduino, Demo on different Home automation projects	Nobel Dome	Prof from DDU LD Engineering / Mr. Urvish Soni, Govt. Polytechnic	13 – 16 yrs	25
7	16 th – 18 th May 2022 4 hrs per day x 3 day	11.00 to 16.00 hrs	Workshop on West to Best	Making of science models (working / static) from the west of paper, plastic, meta etc.l	Audi II	Dr. Vrajesh Parikh General Manager Science popularization GCSC	13-16 yrs	25
8	19 th – 21 st May 2022 4 hrs per day x 3 day	11.00 to 16.00 hrs	Telescope Making	Introduction of telescope, identification and study of various parts, assembling, testing etc.	Audi I	Dr. Abhay Kothari Manthan Education	14+ yrs	25
9	23 rd – 25 th May 2022 4 hrs per day x 3 day	11.00 to 16.00 hrs	Demonstration on Chemistry	Fun with Chemistry Wonders of Chemistry Consumer Chemistry Chemical Reaction	Aud II	Dr. Ghanshyam Mehta, CSC, Surendranagar	12 – 16 yrs	25
10	26 th – 28 th May 2022 4 hrs per day x 3 day	11.00 to 16.00 hrs	Life Cycle of Butterfly	Identification of Butterfly, Understanding of different stages of Butterfly	LSP	Shri Shivam Bhatt Biodiversity Consultant	8 – 12 yrs	25
11	26 th – 28 th May 2022 4 hrs per day x 3 day	11.00 to 16.00 hrs	Workshop on Computer Game making tools (Code and Design Games with Scratch)	Students explore programming concepts through the development of animations and games	Audi I	Nirma University / DA-IICT	13 - 15 yrs	25
12	30 th – 31 st May 2022 4 hrs per day x 2 day	11.00 to 16.00 hrs	Learning of Mathematics	Matlab, 3D Modeling, School Geometry	Aud I	Mr. Mumukshu Harshid, PDP G'nagar	13 - 15 yrs	25
13	1 st – 3 rd June 2022 4 hrs per day x 3 day	11.00 to 16.00 hrs	Explore the Botany	Identification of flora and fauna	Nature Park	Dr. Manisha Desai, HOD, Bhavans College	11 - 13 yrs	25

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14	4 th – 5 th June 2022 4 hrs per day x 2 day	11.00 to 16.00 hrs	Fun with Physics	Basic science demonstrations on pressure, force, optics, magnet and basic principles of science	Audi II/ Nobel Dome	Dr. Ashish Patel KSV Gandhinagar	13 - 15 yrs	25
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2. Celebration of Science:

Sl. No.	Programme Title	Activities	Date & Time	Age group
1	National Technology Day	Debate and essay writing Public lecture on S&T	11 th May 2022	Open to all
2	International Day of Light	Interactive Session, Hands-on activities	16 th May 2022	Open to all
3	World Telecommunication Day	Activities & Competition	17 th May 2022	Open to all
4	International Day for Biological Diversity	Interactive Session, Painting, Elocution and Quiz, Puzzle competition, Demo & Lecture	22 nd May 2022	Open to all
5	Gujarat Science City Foundation Day	Debate and essay writing, Public Interaction	30 th May 2022	Open to all
6	World Environment Day	Painting, elocution and quiz, puzzle, Demo & Lecture	5 th June 2022	Open to all

3. Science Matters: Popular Science Lecture Series:

● Last week of every month : 3.00 to 5.00 pm : Auditorium I : Open to All

4. Science for All:

● Science Film on LED Screen : 5.00 to 7.00 pm : LED Screen : Everyday :Open to All
 ● Night Sky Observation : 7.30 to 8.30 pm : Amphitheatre : Everyday :Open to All