

ORIGIN 2021

List of Participants Department wise

Chemistry:

Sr. No	Project Title	Student detail
1	POLYPHENOLS AND THEIR APPLICATIONS - An approach in food chemistry and innovation potential	Akshata Santosh Rao [SYBSc CB]
2	EXTRACTION OF NICOTINE SULPHATE FROM CIGARETTES SAMPLES	Sourabh Vishwakarma, Neerav Tripathi [SYBSc CB]
3	EXTRACTION OF CAESIN	Kajal Jha, Ekta tiwari [SYBSc CB]
4	BELOUSOV- ZHABOTINSKY REACTION	Lavanya velangkanni, Aditya Singh, Ankur Singh, Mayan Naik [SYBSc CB]
5	BIO FUEL	Anup Jha, Bipin goswami, Nitish yadav [FYBSc CBZ]
6	CHOCOLATE ANALYSIS	Anuradha Shrivastav, Vaishnavi Mishra, Muskan Pathan [FYBSc CBZ]
7	GREEN CHEMISTRY – BIODIESEL	Shivangi Girish Shrivastav, Riya Ashok Nalawade, Shanmugam Priya. S. Nadar [FYBSc CBZ]
8	ACIDITY IN TEA LEAVES	Shekhar [FYBSc CBZ]
9	BENEFITS OF VADA PAV	Rahul Rajbhar [TYBSc CHEMISTRY]
10	BIOPLASTICS	Viraj Vaidya, Amar Dubey, Habiba Siddiqui [TYBSc CHEMISTRY]
11	Analysis of honey	Afifa shaikh Tanvi Singh
12	Organic Incense stick from waste flowers	Rupa Lohar Anjali Dubey
13	Preparation of Sanitizer	Jyoti yadav Sakshi Mishra Prachi Singh

14	Sterilization of water using bleaching powder	Omkar Thakkar Neha Pandey Owais Choudhary
15	Green Chemistry and 21st century	Resham Gholap
16	Re-Designing the Lithium ion Batteries.	Aakash.Babubhai.Desai Parth.Bhupendra.Trivedi Shivani.Chanderpal.Singh Tanmay.Atul.Jain
17	Bio plastic	Hriday bhatt Anushka jain
18	Chameleon colour change reaction	Abhishek Gopal Dubey
19	Red cabbage as a PH indicator	Laxman Sharma Anish Singh Suraj Singh
20	Study of quality of poisar river and ideas to improve it's quality	Sana Kazi Nitin Tiwari Abhishek Mishra

Physics:

1	Miniature Hydro Power Plant :- Turgo generator	Hriday Bhatt, Anushka Jain
2	THE PHYSICS OF BASKET BALL	Pradeep Kumar Saxena
3	NATURE FOLLOW SYMMETRY	Suraj singh, Deepak Yadav, Vivek Gupta
4	Physics of surface tension in day to day life	Neha Pandey
5	Van de graaff generator	Laxman Sharma Anish Singh Abhishek Dubey
6	HYDRAULIC BRAKE	TANU PAL VAISHNAVI GUPTAAARTI CHAUHAN

Mathematics:

Sr. No	Topic	Students
1	Application of matrix	Tanu Singh
		Mahesh Lakudzode
2	Divide and Conquer: Proving Pick's Theorem for Lattice Polygons	Sameeta kumavat
		Sana khan
		Nikita
3	The maths behind the gps.	Pradeep Kumar Saxena
		yashwant pandey
4	Application of mathematics in our daily life	Saniya Zahid Khan
5	Harmonograph	Neha Vishwakarma
		Gracilda Nadar
		Sneha Singh
6	Topic:Pascal's Triangle	Shubh Kansara
7	GOLDEN RATIO	Ganga Dubey
		Anish Singh
		Manish Gupta
8	Ramanujan Number	Laxman Sharma
9	Proving Pick's Theorem for Lattice Polygons	Siddhika Mhatre
		Avinash Umesh Gupta
10	How many humans have same number of body hair?	
		Alok Raghuraj Yadav
		Vikas Venaram Choudhary
		Pushkar Vinayak Salaskar
11	Pythagoras theorem	Singh harshit vedprakash

Statistics:

Sr.No	Title	Students
1	GST and Cost control	Mansha jain
2	Use of statistics in Business Analytics and Econometrics	Suryakant Gupta
		Aric Dmello
		Dhwani Gandhi
		Urmi Ahirekar
3	Use of statistics in stock price analysis	1569-priya maurya
		1559-ayush Mishra
		1561-rishidev mishra
4	How Statistics can be misleading	Avinash Umesh Gupta
		Alok Raghuraj Yadav
		Vikas Venaram Choudhary
		Pushkar Vinayak Salaskar
5	Effects of Covid-19 on Indian Economy	Neha Vishwakarma
		Kimberley Fernandez
		Gracilda Nadar
		Shamik Shetty
6	Study on the effects of pandemic on human psychology	Dixita Sudesh Parihar
		Jhanvi Bhavesh Mehta
7	causes of unemployment rate.	Priyanka Santosh pawar
		Dharmistha naresh solanki
		Suraj bacchulal mourya
8	profitability of Indian scheduled commerical bank	Pooja Ramsagar Patel
		Shweta vishwakarma TYBSC
		Prabhakar pal TYBSC
		Rohit Yadav TYBSC
9	Strategic Change of education system from classroom to online pattern by the cause of COVID-19 pandemic	Justin Pinto ,
		Kaushal Sharma,
		Pritam Rajbhar ,
		Ramashish Yadav

Information Technology:

Sr. No.	Project Title	Name of Students
1	Emotion Detection, Analysis and Recognition.	Roshni Bhavsar (278)
		Neeraj Pal (284)
2	Digital image processing based skin lesions detection.	Axali Gundaraniya (279)
		Dhwani Upadhyay (282)
3	Hybrid Approach for Real time face Mask Detection usin CNN, LSTM,and GRU	Parth Kantelia
		Mahipal Singh
4	voice assistant using python	Nishant Singh
		Dhaval Mandaliya
5	Hand Gesture recognition for specially challenged people	Suarabh Shukla
		Ishika Mishra
6	Canteen Management system	Darsh Patel
		Dhairya Ashara
7	Alleviation of social distancing & various object detection using Yolo v4	Abhijeet Patil
		Yash Indulkar
8	Android App Development	Divya Deora
		Dharini Iyer
		Payal Chand
9	watermarking Images using discrete cosine transform	Parth Sarvaiya
		Rahul Acharya

Computer Science:

Sr. No.	Project Title	Name of Students
1	Web Pie, Website development system	Scientilla Nadar
		Akshat Sahu
2	Disease Tracker (COVID-19)	Adarsh Niranjana
3	Ease	Sushmita Swapankumar Bera
		Shubham Rajbahadur Yadav
4	Real Time Chat application	Krutisundar Panda
5	Ednovate , innovating education	Utkarsh Mishra
		Zehran Shaikh
6	Augmented reality for educational purposes	Sahil Anant more
7	Chess Bot	Kunal Bhatt
8	Paath Shala	Bhavya Shah
9	Caboodle(App)	Singh Abhinav Kumar Pawan
		Udit Singh
		Adarsh Yadav
10	Web browser	Sumit Singh
11	Vehicles Detection Through Python	Saurabh Shyambahadur Pal
		Sahil Anant More
12	Attendance System	Makwana Dhruv Haresh
		Thakur Abhay Bawinderkumar
13	AAVISHK<AR>:THE AUGMENTED REALITY	Deepak Sanjay Prasad
		Sumukh Sanjay Gawli

Botany:

Sr.No	Title of the Project	Studnets
1	Chocolate analysis	Vaishnavi Mishra, Anuradha Shrivastav
2	Molecular Farming	Shivangi Girish Shrivastav, Riya Ashok Nalawade
3	ANT - ZOMBIE – FUNGUS	AKSHATA SANTOSH RAO
4	Biodegradable plastic using seaweeds	Aarzo singh, Pragati Singh, Manisha Vishwakarma
5	Plant temperature sensors	Vedaant Bhandary, Yashkumar Vyas
6	Ames test	Honey Parmar

Zoology:

Sr. No.	Title	NAME
1	Ancient Skincare Techniques vs Modern Skincare Techniques and their effects	Vaishnavi Ramesh
		Yadav
		Kajal Omprakash Prajapati
		Mansi Nandlal Soni
2	Human Immunodeficiency	Lakshita Parmar
3	Aquaponics using sound	AYUSH kandari
		Yashvi mewda
		Muskan Pathan
4	Tiger Behaviour	Aditi Dubey
		Jyoti Yadav
		Muskan Pathan
5	Dolphin Behaviour	Aditi Dubey
		Jyoti Yadav
		Samik Mukul Raje
6	Alternative for Bypass	Samik Mukul Raje Sangam Vijay Singh

		Arya Suresh Jeveriah

Biotechnology:

Sr. No	Class	Name
1	Lab on a chip – microfluidics	Paridhi Sharma Rodhan Patke
2	Rosa indica -Defeats microbes & fungii	Janavi Sheth Jagriti Verma
3	Genetic SD Card	Neha Parekh Muskan Singh Shria Singh
4	DNA extraction and Agarose Gel electrophoresis	Manish Kapoor
5	Revolution of surgery using Biofabrication	Unnati Tripathi

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