

Report Summary: Science & Technology Exhibition 2024 - "Savishkar" Organized on 18th 19th and 23rd Januray 2024.

Event Overview: The Science & Technology Exhibition "Savishkar" held at Kadi was jointly organized by Pramukh Swami Science & H. D. Patel Arts college, and HVHP Institute of Post Graduate Studies & Research Kadi. It was truly a resounding success, attracting over 1400 students who were inspired by the innovative models and projects presented. The event aimed to foster scientific curiosity and awareness among the participants.

Participation Statistics:

- Total Visitors: 1500
- School Students: Actively engaged and inspired by the exhibition.
- Food Distribution: Delicious food packets were distributed to all school students, enhancing their overall experience.

Models and Projects: A total of 90 models were presented by various organizations, showcasing cutting-edge advancements across multiple disciplines.

Collaboration for Progress:

The diverse range of models and projects showcased at "Savishkar" reflected the collaborative spirit of the organizing institutions and participating organizations. Their dedication to fostering scientific awareness and innovation serves as an inspiration for all.

Beyond the Exhibition:

The impact of "Savishkar" extends beyond the three-day event. It has sparked a passion for science and technology in the hearts of young minds, encouraging them to explore, experiment, and potentially become the future innovators who shape our world.

Conclusion: The "Savishkar" Science & Technology Exhibition successfully achieved its goal of promoting scientific awareness and innovation. The diverse range of models showcased reflects the collaborative efforts of organizations and their commitment to advancing knowledge across various domains.





List of School Invited for Science Exhibition-2024

Sr. No	Place	Name of School	Place	School Contact person	School Contact Number	Total Number of Students	Time Slot for Visit
1	Out off Kadi	Sharda Vidhya Mandir Highschool,	Becharaji	Sandipsir & Aman Patel	8141763837 & 9586942424	44	12:00 to 2:00
2	Out off Kadi	Government High School	Detroj	Rajubhai Chudhari	9426890166	9	
3	Out off Kadi	GOVERNMENT HIGHSCHOOL BALOL	Balol	Rajendra Patel	9925074481	30	12:00 to 2:00
4	Out off Kadi	SHREE RAM SARVA VIDHYALAY JOTANA	Jotana	Gadhavi Sir	9427325057	35	12:00 to 2:00
5	Out off Kadi	Navyug Vidhyalaya, Viramgam	Viramgam	Mr. Sunil Patel	8401582067	59	11:30 to 1:30
6	Out off Kadi	Umiya Campus	Kalol	Chirag Kothari	9033272611	45	11:30 to 1:00
7	Out off Kadi	DR.NAKADAR INSTITUTE OF KNOWLEDGE	Nandasan	Yasir sir	7383329266	45	11:30 to 1:15
8	Out off Kadi	Smt. S.H.Gardi Nootan High School And	Sankhalpur , Becharaji	P. G. Patel	9825554488	83	12:00 to 2:00
9	Out of Campus	New Adarsh	Kadi	Mukeshbhai Patel	8160399700	50	9:30 to 11:00
10	Out of Campus	D. J patel Kanya Vidhyalay	Kadi	Nitu Madam	9925394539	110	10:45 to 12:15
11	Out of Campus	Meghana School Gov.	Kadi	Anjana Madam	9427801541	30	11:15 to 1:00
12	Out of Campus	Meghana School Pvt	Kadi	Rajendra Sir	9099070326	50	11:15 to 1:00
13	Campus	S. V School Kadi	Kadi	Kanubhai Patel	9427545365	600	9:00 to 11:00
14	Campus	Shivhari English Medium	Kadi	Rajkumar Varma	9723986003	75	11:00 TO 1:00
15	Campus	Bhavkunj School	Kadi	Ajju Thomas	9925897002	50	11:00 TO 1:00

16	Out of Campus	RATNAMANI HIGHER SECONDARY SCHOOL	Sankhalpur , Becharaji	Nisharg Joshi	9265493598	23	9:00 to 11:00
17	Out of Campus	Divoson High School	Patadi	Vishalbhai	9773200855	47	10:30 to 12:30
						1385	

SCIENCE & TECHNOLOGY EXHIBITION 2024**Chemistry Models**

Model no.	Title of Live Model	Page no.
Model No 1	PAPER PLANT	
Model No 2	DNA COMPUTING	
Model No 3	WATER CONSERVATION SMART CONDENSER	
Model No 4	AKSHAYA (Ambitious Knowledge Smart Hospitable Asset Youth Alliance)	
Model No 5	The Wavelength of the Rainbow Demo	
Model No 6	SUSTAINABLE SOLUTION OF URBAN WASTE	
Model No 7	SMART WATER MANAGEMENT: RAINWATER FOR ENERGY AND FLOATING BRIDGES FOR DISASTER PREP.	
Model No 8	HYDRAULIC BRIDGE	
Model No 9	CARBON PURIFICATION FOR INDUSTRIES	
Model No 10	SMART AGRICULTURE WITH RENEWABLE ENERGY	
Model No 11	ROBUST AND REPROCESSABLE ARTIFICIAL MUSCLES BASED ON LIQUID CRYSTAL ELASTOMERS	
Model No 12	Acid Rain: Should We Be Concerned?	
Model No 13	Automatic Street Light On and Off Using LDR	
Model No 14	COW MANURE BASED ADSORBENT FOR DYE REMOVAL FROM WASTE WATER	
Model No 15	COMPAIRING THE STRENGTH OF MATERIALS	
Model No 16	AQUAPONICS: TWO-IN-ONE	
Model No 17	REVEALING FINGERPRINT WITH IODINE	
Model No 18	Liquefied Petroleum Gas (LPG) Detector	
Model No 19	Fusion of Vertical Axis Wind Turbine with Air Purifier	
Model No 20	Void Dynamic	
Model No 21	Radio waves absorbing Metal Organic Framework	
Model No 22	Ferrofluids: Nanoscale Marvels with Magnetic Fluidic Potential	
Model No 23	Smoke Absorber	

Model No 24	Indicators in Nature	
Model No 25	Solar Air Heater	
Model No 26	Beauty of Chemistry	
Model No 27	Solar-Powered Water Desalination	
Model No 28	Pollution Ink	
Agriculture Models		
Model no.	Title of Live Model	Page no.
Model No 29	Exploring The Fusion of Beetroot and Chocolate: Nutritional Benefits and Culinary Innovations	
Model No 30	Eco divine: Transforming Temple Waste into Sustainable Worship Products	
Model No 31	Soya Coffee: Brewing Health with Soybean Coffee	
Model No 32	Naturique Radiance: Unveiling the Power of Organic Cosmetics	
Life Science Models		
Model no.	Title of Live Model	Page no.
Model No 33	Exploring Il-9 As A Therapeutic Target for Mitigating Bone Loss in Postmenopausal Osteoporosis	
Model No 34	Bacteria: As Cell Factories for Biopolymer Production from Food Waste	
Model No 35	Smart sensor- Equipped IV bottle: Transforming critical care in hospital	
Model No 36	Modular Protein Engineering in Protein Synthesis for Clinical Application	
Model No 37	Acid Rain Working Model	
Model No 38	Hydroponics Farming	
Model No 39	Herbal Pesticides	
Model No 40	Herbal Remedies: Traditional Knowledge	
Model No 41	Smart Tree	
Model No 42	Algae Co ₂ Scrubber: Harnessing Photosynthesis for Carbon Dioxide Reduction	
Model No 43	MICROGREENS	
Model No 44	EVALUATION OF ANTIMICROBIAL ACTIVITY OF PLANT EXTRACTS FOR THE TREATMENT OF COUGH AND	
Model No 45	Plastomicroscope	

Model No 46	AUTOILLUMINATION	
Model No 47	BEST OUT OF WASTE: DECORATIVE FOUNTAIN	
Model No 48	DNA Extraction At Home	
Model No 49	Use Of Artificial Intelligence In Plant Disease Diagnosis And Treatment By Fertigation Using Bio Fertilizer	
Model No 50	Cow Urine- A Panacea	
Model No 51	Edible Mushroom Production (Oyster Mushroom) From Agro-Waste With Abatement	
Model No 52	Plastoscope	
Model No 53	Microbial Fuel Cell: A Tool for Sustainable Green Technology	
Model No 54	Cultivation Of Button Mushrooms	
Model No 55	Reducing Microplast: A Small Step Towards A Sustainable Future	
Mathematics Models		
Model no.	Title of Live Model	Page no.
Model No 56	1) Polarization of Light, 2) Card Game with math logic	
Model No 57	Tower of Brahma	
Model No 58	A General Method to Solve the Day of the Week Question	
Model No 59	Mathematics behind Google Map	
Model No 60	Mathematical Marvels: Unveiling Patterns with Pascal's Triangle and Card Shuffling Using Chinese Remainder Theorem	
Model No 61	Parabolic Wonders	
Physics Models		
Model no.	Title of Live Model	Page no.
Model No 62	An effect that affects – The Rehbinder Effect	
Model No 63	When Physics Betrays Newton & Is Still Correct! – The Non-Newtonian Fluid	
Model No 64	Smart Bridge	
Model No 65	Electric Vehicle Wireless Charging Station	
Model No 66	Road Accident Prevention	
Model No 67	LASER Security System	

Model No 68	Antisleep Alarm	
Model No 69	SMART TOWN	
Model No 70	Measurement of the Galactic rotation curve by using Horn Antenna	
Model No 71	ACCOUNTING flux radiated by the stars	
Model No 72	Temperature sensor project using Arduino and LCD	
Model No 73	ANTI-SLEEP ALARM	
IT/Comp. Sci. Models		
Model no.	Title of Live Model	Page no.
Model No 74	Digital Visitor Counter	
Model No 75	Sensor Based Automatic Room Light Controller with Visitor Counter	
Model No 76	Accident Prevention and Road Safety Project	
Model No 77	Solar Tracking System Using Arduino	
Model No 78	Embedded System Based Ticket Vending Machine for Modern Transport System	
Model No 79	Obstacle Avoidance Voice and Bluetooth Controlled Robotic Vehicle	
Model No 80	Leser Security Alarm System and Generate Electricity from Rainwater at Home	
Model No 81	Automatic-Writing Machine	
Engineering Models		
Model no.	Title of Live Model	Page no.
Model No 82	FIRE FIGHTINGROBOT	
Model No 83	Fruit Ninja Revolution	
Model No 84	BRIDGE SHIELD	
Model No 85	INTEGRATED SMART PARKING SYSTEM WITH LINE-FOLLOWING ROBOT AND LICENSE PLATE RECOGNITION	
Model No 86	THIRSTY CONCRETE	
Model No 87	OBJECT DETECTION DRONE USING ESP32 CAM AND ARDUINO UNO	
Model No 88	WIRELESS E-VEHICLE CHARGING STATION	
Model No 89	HOME AUTOMATION	

Model No 90	Agriculture Automated irrigation and crop prevention system	
Model No 91	INTERACTIVE LEARNING HUB	
Model No 92	Smart Education in Rural Areas	
Pharmacy Models		
Model no.	Title of Live Model	Page no.
Model No 93	TASTE AND AYURVEDA: DECODING THE INFLUENCE OF SIX RASAS ON TRIDOSHA	
Model No 94	EVALUATION PARAMETERS OF THE PHARMACEUTICAL TABLETS	
Model No 95	Artificial Intelligence (AI) and Machine Learning (ML) in Theranostics	
Model No 96	MODEL ON THE DEVELOPMENT OF A LABORATORY SIZE DRUNKEN DRIVER'S TEST KIT AND PREPARATION	
Model No 97	KNOW YOUR MEDICINE	
Nursing Models		
Model no.	Title of Live Model	Page no.
Model No 98	Wonder Heart of Unborn Child	
Model No 99	OPERATION THEATRE SET UP WITH SURGICAL HAND SCRUB	
Model No 100	Reflex Arc Working Model	
Physiotherapy Models		
Model no.	Title of Live Model	Page no.
Model No 101	BLOOD JOURNEY EXPO	
Model No 102	BMI MANUAL CALCULATOR	
Model No 103	Ultra PneumiCPM	
Model No 104	VISUAL BIOFEEDBACK	
Model No 105	BACK CARE	