



C. C. PATEL COMMUNITY SCIENCE CENTRE
Sardar Patel University, Vallabh Vidyanagar, Dist: Anand
Supported by **GUJCOST**, Dept. of Science & Technology, Gandhinagar



Report

Year: 2019 – 2020



Investing in science
Investing in the future!



Department of Science & Technology
Government of Gujarat



C. C. PATEL COMMUNITY SCIENCE CENTRE

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Manpower

- Hon. Director – Dr. Vibha Vaishnav (9427547671)
- Hon. Jt. Director – Dr. Vijay Parmar (9898650531)
 - Project Officer – Ms. Sonal Solanki
- Clerk cum Data Entry Operator – Mrs. Mital Patel
 - Peon – Umesh Valmik
 - Peon – Nayan Harijan

Email ID: cscspuvvn@yahoo.com , csc@spuvvn.edu

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Department of Science & Technology
Government of Gujarat

1. e-Published "1- Celebrating World Water Day" in Enhancing Scientific Awareness Series : 22/3/2019: Total Participants: 350 people



C C Patel Community Science Centre
 Sardar Patel University, Vallabh Vidyanagar, Dist. Anand
 funded by GUJCOST, Dept. of Science and Technology, Govt. of Gujarat



Hon. Director: Dr. Vibha Vaishnav, Jt. Director: Dr. Vijay Parmar
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Celebrating the World Water Day: March 22

World Water Day is an annual UN observance day that highlights the importance of freshwater. The day is used to advocate for the sustainable management of freshwater resources. The first World Water Day, designated by the United Nations, was commemorated in 1993.

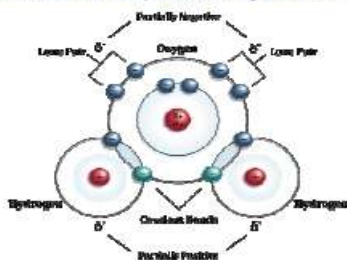
The theme for 2019 is "Leaving no one behind" and encourages people to consider marginalized groups as these are often overlooked and discriminated against when they try to access safe water.
 (Ref.: https://en.wikipedia.org/wiki/World_Water_Day)



विश्व जल दिन: २०१९: "न कोई जल विहीण"

STRUCTURE OF THE WATER MOLECULE

Water is a tiny bent molecule with the molecular formula H_2O , consisting of two light hydrogen atoms attached to a 16-fold heavier oxygen atom. As seen in the diagram below, on forming the water molecule, the ten electrons pair up into five 'orbitals', one pair closely associated with the oxygen atom in its inner shell, two pairs (lone pairs) associated with the oxygen atom as 'outer' electrons and two pairs forming each of the two identical O-H covalent bonds.

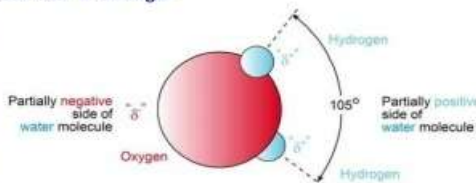


Each water molecule is electrically neutral but polar, where the centre of positive and negative charges lie in different places. Due to the relatively large positive charge from the eight protons in the oxygen atom's nucleus (8+) and the closeness of its electrons, the oxygen atom has a stronger attraction to all the electrons

(i.e. is much more electronegative) than the hydrogen atoms with one proton (1+). This results in a charge transfer from the hydrogen atoms towards the oxygen atom and, hence, the polarity of the water molecule, making the oxygen end of the molecule partially negative and the hydrogen end partially positive.

The atoms in the water molecule are arranged with the two HO bonds at an angle of about 105° rather than on directly opposite sides of the oxygen atom. The asymmetrical shape of the molecule arises from a tendency of the four electron pairs in the valence shell of oxygen to arrange themselves symmetrically at the vertices of a tetrahedron around the oxygen nucleus. The two pairs associated with covalent bonds holding the hydrogen atoms are drawn together slightly, resulting in the angle of 105° between these bonds.

Ref: <http://essenceofwater.org/structure-of-water/>



जल ही है जीवन
 जल ही है कारण
 जल में ही पृथ्वी समाई
 जल में ही जीवन की सच्चाई
 जल के बिन मीन का ना जीवन
 जल के बिन प्यासा जल उपवन
 जल से ही होती है खेती खतियारी
 जल से ही ही बनी है देह हमारी
 जल ही है जो बरसता बन सावन
 जल ही है जो देता है बंजर को जीवन
 जल ही है पावन
 जल ही है मंगल
 जल ही है जन धन
 जल ही है जन धन
 - अनुष्का सूरी



2. Science Exhibition – 2019: 27/3/2019: Total Participants: 400 people



REDMI NOTE 6 PRO
MI DUAL CAMERA



3. A Talk on Earth Hour Day: 30/3/2019: Total Participants: 20 Teachers and Volunteers



4. Light Pollution Kit: 30/3/2019: Total Participants: 20 Teachers and Volunteers



5. e-Published "2-Celebrating World Health Day" in Enhancing Scientific Awareness Series:7/4/2019: Total Participants: 300 People



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Celebrating World Health Day – 7 April, 2019

World Health Day is global health awareness day celebrated by the World Health Organization (WHO).

**Theme for the World Health Day: 2019 is -
"Universal health coverage: everyone, everywhere"**

सर्वे भवन्तु सुखिनः
सर्वे सन्तु निरामयाः,
सर्वे भद्राणि पश्यन्तु
मा कश्चिद् दुःख भाग्भवेत्।
ॐ शांतिः शांतिः शांतिः

Universal health coverage ensures that everyone can obtain the care they need, when they need it, right in the heart of the community. Progress is being made in countries in all regions of the world. But millions of people still have no access at all to health care. Millions more are forced to choose between health care and other daily expenses such as food, clothing and even a home.

Health for all – everyone, everywhere

Primary health care is a whole-of-society approach to health and wellbeing centred on the needs and preferences of individuals, families and communities. To make health for all a reality, governments need to invest in quality, accessible primary health care. Health workers need to care and advocate for patients and educate them on how to get and stay healthy. Individuals and communities need to be empowered to take care of their own health.

**Health is a human right; it's time for health for all.
Together, we can make health for all a reality.**

A health system with strong primary health care delivers better health outcomes, is cost-efficient and improves quality of care.

(Reference:
<https://www.who.int/campaigns/world-health-day/world-health-day-2019>)



"पहेलुं सुभ ते ज्ञते नर्या"
शरीरं आद्यम् खलु धर्म साधनम्

आरोग्य की राह में
आरोग्य की राह में
अभी-अभी पाया मैंने
प्रसन्न प्राणों का निमन्त्रण,
दान किया उसने मुझे
नव-दृष्टि का विश्व-दर्शन।
प्रभात के प्रकाश में मग्न है वह नीलाकाश
पुरातन तपस्वी का ध्यानासन,
कल्प के आरम्भ का
अन्तहीन प्रथम मुहूर्त क्षण
प्रकाशित कर दिया उसने
आज मेरे सामने;
समझ गया उसी क्षण,
यही एक जन्म मेरा
नये-नये जन्मों के सूत्र में है गुँथा हुआ।
सप्त-रश्मि सूर्यालोक सम
वहन करता एक दृश्य
अदृश्य अनेक सृष्टि धारा को।
रवीन्द्रनाथ ठाकुर

An illness of the body is always the outer expression and translation of a disorder, a disharmony in the inner being; unless this inner disorder is healed, the outer cure cannot be total and permanent.

-The Mother

Compilation: Dr. Vibha Vaishnav, Dr. Vijay Parmar

6. World Health Day - Training Programme on "Health Life Style":8/4/2019: Total Participants: 78 Students, 5 Teachers & 5 Volunteers



7. Visit to the Science Centre, Agastya Foundation, Kapadvanj Kelavani Mandal, Kapadvanj":18/4/2019: Total Participants: 2, Hon. Director and Hon.Jt. Director



8. e-Published "3- Celebrating International Mother Earth Day" in Enhancing Scientific Awareness Series:22/4/2019: Total Participants: 300 People



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Celebrating International Mother Earth Day – 22 April, 2019

Mother Earth is a common expression for the planet earth in a number of countries and regions, which reflects the interdependence that exists among human beings, other living species and the planet we all inhabit.

The Earth and its ecosystems are our home. In order to achieve a just balance among the economic, social, and environmental needs of present and future generations, it is necessary to promote harmony with nature and the Earth. International Mother Earth Day is celebrated to remind each of us that the Earth and its ecosystems provide us with life and sustenance.

This Day also recognizes a collective responsibility, as called for in the 1992 Rio Declaration, to promote harmony with nature and the Earth to achieve a just balance among the economic, social and environmental needs of present and future generations of humanity.

International Mother Earth Day provides an opportunity to raise public awareness around the world to the challenges regarding the well-being of the planet and all the life it supports.
Mother Earth: Education and Climate Change

Climate change is one of the largest threats to sustainable development globally and is just one of many imbalances caused by the unsustainable actions of humankind, with direct implications for future generations.

The United Nations Framework Convention on Climate Change and the Paris Agreement encourage international cooperation among parties on climate change education, training, public awareness, public participation and public access to information.

During the commemoration of 10th anniversary of International Mother Earth Day, the Ninth Interactive Dialogue of the General Assembly on **Harmony with Nature** will be held on **22 April 2019** in the Trusteeship Council Chamber. The Interactive Dialogue is to discuss the contributions of Harmony with Nature in ensuring inclusive, equitable and quality education on taking urgent action to combat climate change and its impacts and to inspire citizens and societies to reconsider how they interact with the natural world in the context of sustainable development, poverty eradication and climate justice, so as to ensure that people everywhere have the relevant information and awareness for sustainable development and lifestyles in Harmony with Nature.

Reference: <https://www.un.org/en/events/motherearthday/>

Compilation: Dr. Vibha Vaishnav

"Today on Earth Day, we bow in reverence to Mother Earth. For years, this great planet has been home to phenomenal diversity. Today we also reiterate our commitment to work towards the well-being of our planet, focus on sustainable development and mitigating climate change."

Prime Minister Narendra Modi
22 April, 2019



माता भूमिः पुत्रोऽहं पृथिव्याः
- अथर्व वेद

9. Celebration of Earth Day Distribution of 87 Bird Nests:22/4/2019: Total Participants:
90 Students , Teachers and Citizens



Shishu

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Vallabh Vidyanagar



10. Launching of Essay Competition on "Earth an abode for all" with
CISST:22/4/2019: Total Participants: 60 Students , Teachers and Citizens



C C Patel Community Science Centre

Anand District

(supported by GUJCOST, Dept. of Science and Technology, Govt. of Gujarat)
Sardar Patel University, Vallabh Vidyanagar, Phone: 02692-230603



ESSAY COMPETITION

નિબંધ સ્પર્ધા

"પૃથ્વી દિવસ" - "Earth Day" (તા. ૨૨મી અપ્રિલ) ની વૈશ્વિક ઉજવણીના ભાગ રૂપે સી સી પટેલ લોક વિજ્ઞાન કેન્દ્ર અને ઈન્ફોકાકા ઈન્ફોવાલા સેન્ટર ફોર ઇન્ટરડીસીપ્લિનરી સ્ટડીઝ ઇન સાયંસ અને ટેકનોલોજી (IICISST)ના સંયુક્ત ઉપક્રમે વિદ્યાર્થીઓ અને નાગરિકો માટે નીચે પ્રમાણે નિબંધ સ્પર્ધાનું આયોજન કરવામાં આવ્યું છે.



વિષય: "Earth- Abode for All"/ "પૃથ્વી-સહુનું ઘર"/ "પૃથ્વી-સબકા ઘર"

શબ્દો: વધુમાં વધુ ૨૫૦૦, ભાષા: ગુજરાતી/અંગ્રેજી/હિન્દી

વિભાગ ૧ : ૧૨ વર્ષથી ૧૮ વર્ષ

વિભાગ ૨ : ૧૯ વર્ષથી ૩૫ વર્ષ

વિભાગ ૩ : ૩૬ વર્ષથી ઉપર

દરેક વિભાગમાંથી ૩ ઉત્કૃષ્ટ કૃતિને પારિતોષિક એનાયત કરવામાં આવશે. ભાગ લેનાર સહુને સર્ટિફિકેટ આપવામાં આવશે.

મોકલવાની વિગત:

- સરનામું: C C Patel Community Science Centre
Opp. Narayan Swarup Residency, University-Bakrol Road,
Vallabh Vidyanagar, Mobile No. 8155904898, 94275 47671
Email: csc@spuvvn.edu; cscspuvvn@yahoo.com
 - નિબંધ A4 sizeના, કોરા/લીટી વાળા કાગળ પર એક બાજુએ લખી/type કરી (પાના નંબર સાથે) મોકલવાનો રહેશે.
 - E mailથી મોકલનારે pdf formatમાં મોકલવાનો રહેશે. Footerમાં નામ અને વિભાગ લખવું જરૂરી છે.
 - પહેલા પાને જમણી બાજુ સ્પષ્ટ અક્ષરમાં નામ, સરનામું, ફોન નંબર, email address અને વિભાગ જણાવવાના રહેશે.
 - નિબંધ રૂબરૂ, પોસ્ટ દ્વારા કે e mail દ્વારા મોકલી શકાશે.
 - રૂબરૂ આપવાનો સમય: સવારે ૧૦.૩૦ થી બપોરે ૧૨.૩૦, સી સી પટેલ લોક વિજ્ઞાન કેન્દ્ર
 - નિબંધ મોકલવાની છેલ્લી તારીખ: ૩૧ મે, ૨૦૧૯ Last Date of Submission: 31-05-2019
- રસ ધરાવનાર સહુને ભાગ લેવા નિમંત્રણ છે.

Dr. Vibha Vaishnav
Hon. Director, CCPSC

Prof. Sunil Chaki
Asso. Director, IICISST

Hon. Director
C. C. Patel Community Science Centre,
Sardar Patel University
Vallabh Vidyanagar



11.To 15. Summer Camp-1- Rocket Making / Rocket Launching / Hovercraft Making:29/4/2019 and 30/4/2019: Total Participants: 75 Students



16. Meeting at GUJCOST: 30/4/2019: Total Participants: 60 CSC Coordinators and others



17. and 18. Fun With Maths and Music & Science: :1/5/2019: Total Participants: 75 Students



Vaishya

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19. e-Published "4 - Celebrating Gujarat Day - Vikram Sarabhai" in Enhancing Scientific Awareness Series :2/5/2019: Total Participants: 300 people



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Celebrating Gujarat Day: 1st May, 2019

A Scientist Jewel of Gujarat : Dr. Vikram A Sarabhai



Compilation by :
Ms. Sonal Solanki, Ms. Zulfa Vohra
Student Volunteers, CCP CSC
Post Graduate Dept. of Electronics, SPU

Vikram Ambalal Sarabhai (12 August 1919 – 30 December 1971) was an Indian scientist and innovator widely regarded as **the father of India's space programme**. Sarabhai received the Shanti Swarup Bhatnagar Medal in 1962. The nation honoured him by awarding Padma Bhushan in 1966 and Padma Vibhushan. in 1972.

Son of Ambalal Sarabhai, he came from the famous Sarabhai family of India who were major industrialists committed to the Indian independence movement. Vikram Sarabhai was among the few scientists who devoted their entire life to the progress of science in our country. Sarabhai started a project for the fabrication and launch of an Indian satellite. As a result, the **first Indian satellite, Aryabhata**, was put in orbit in 1975 from a Russian cosmodrome.

He started his work on cosmic rays and built the necessary equipment with which he took measurements. In 1947 he was awarded the Ph. D. degree at Cambridge. The physical Research Laboratory (PRL) was established in November 1947 in a few rooms in M.G. Science Institute of the Ahmedabad Education Society, which was founded by his parents. Subsequently, it got support from the Council of Scientific and Industrial Research (CSIR) and the Department of Atomic Energy.

His interest in solar Physics and cosmic rays led him to set up many observation stations around the country. Vikram Sarabhai established centres for scientific research in several places of India. He was instrumental in establishing the physical Research Laboratory (PRL) in Ahmedabad. In this, he formed the 'Group for the Improvement of 'Science Education', in 1963. In the same year, he established the Nehru Foundation for Development, for the study of social and education problems. In 1966, under its auspices, he established the **Community Science Centre**, whose object was to spread scientific knowledge, to create interest in science and to promote experimentation among students, teachers and the general public. It is now known as Vikram Sarabhai Community Science Centre.

To train efficient managers of factories, he started the Indian Institute of Management (IIM) at Ahmedabad. Of all the institutions, he established the most important were the 'Indian Space Research Organization' with Centers at Thumba, Ahmedabad, Shriharikota and Arvi. He established Rocket Launching Stations at Thumba and Shriharikota. Along with his work on the science front, he took utmost interest and managed family business of Textiles and Pharmaceuticals. He was also responsible for the Equatorial Rocket Building Station at Thumba. Sarabhai set up the Ahmedabad Textile Industries Research Association, a laboratory for research in physics and the Indian Institute of Management. Sarabhai was the second chairman of India's Atomic Energy Commission and the Indian Space Research Organization (ISRO). Sarabhai's study of cosmic rays

20. Celebration of Gujarat Day: 2/5/2019: Total Participants: 75 Students and Volunteers



**21. and 22. Science Stage Show, Learning Electronics Kit: 2/5/2019 and 3/5/2019:
Total Participants: 75 Students and Volunteers**



23. to 26 Fun with Science- Robot Making, Bird Watching, Nest Decoration Competition and Talk on "Positive thinking and Mind Management": 3/5/2019 and 4/5/2019: Total Participants: 75 Students and Volunteers



**27. and 28. Inauguration of Summer Camp-2": 6/5/2019: Total Participants: 120
Students and Volunteers**



**29. and 30. Visit to Bio-Sciences Department": 6/5/2019 and 7/5/2019: Total
Participants: 120 Students and Volunteers**



31. Observation of Sun- Spot": 7/5/2019: Total Participants: 120 Students and Volunteers



32. to 36. Fun with Science- Robot Making, Rocket Making, Rocket Launching, Hovercraft Making": 7/5/2019 to 10/5/2019: Total Participants: 120 Students and Volunteers



37. Sky Gazing at CSC : 10/5/2019: Total Participants: 30 People



38. to 40. Fun with Maths, Talk on "Positive thinking and Mind Management", Fun with Science": 11/5/2019: Total Participants: 120 Students and Volunteers



41. Nest Decoration Competition": 11/5/2019: Total Participants: 120 Students and Volunteers



42. e-Published " 5-Celebrating World Telecommunication Day" in Enhancing Scientific Awareness Series": 17/5/2019: Total Participants: 300 People



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Celebrating World Telecommunication and Information Society Day: 17th May, 2019

विश्व दूरसंचार और सूचना सोसायटी दिवस



World Telecommunication and Information Society Day is observed every year on **17th May** to raise the awareness about the importance of communication and how information travels across the world.

Therefore, this day is dedicated to the evolution of communication.

To build people centred, inclusive and development-oriented information society, based on the fundamental human rights was the vision of the World Summit on Information Society.

It also highlights how crucial are communication in our lives and stimulate the development of technologies in the field.

Do you know what is Telecommunication?

A communication which is done over a distance by cable, telegraph or broadcasting is known as telecommunication. In other words we can say that it is the transmission of signals, messages, words, writings, images and sounds or any kind of information. Without technology the exchange of information between communication participants is not possible.

Do you know that Communication is derived from the Latin word *communis* (n. common) and *communicare* (v. to make something common) which is considered as the social process of information exchange? As, various technologies are involved in communication so, telecommunications is used in the plural form.

What is the purpose of celebrating World Telecommunication and Information Society Day (WTISD)?

The main purpose of celebrating World Telecommunication and Information Society Day is to help in raising awareness in generating possibilities of using internet, other information and communication technologies (ICT), bring them to societies and economies and create a way to bridge the digital divide.

We can't ignore the fact that modernization through the use of telephones, radio and computers has brought people closer. For the development in any field, it is important that information should travel around the globe. Therefore, The World Telecommunication and Information Society Day is dedicated to the evolution of communication and how information travels across the world.



This year, we celebrate the 50th anniversary of World Telecommunication and Information Society Day. **World Telecommunication Day (WTD)** has been celebrated annually on 17 May since 1969. The date marks the anniversary of the founding of ITU on 17 May 1865, when the first International Telegraph Convention was signed in Paris. In 1973, the event was formally instituted at the ITU Plenipotentiary Conference in Malaga-Torremolinos, Spain. Every year a topical theme is chosen and events celebrating that theme take place around the world.

With the growth in importance of information technology alongside telecommunications – especially the Internet – it was recognised that the topic also needed to be brought to public attention. In 2005, the World Summit on the Information Society (WSIS) called upon the United Nations General Assembly to declare 17 May as **World Information Society Day (WISD)**. The aim was to focus on the importance of these technologies and the wide range of related social and economic issues that had

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43. Visit to Science City": 18/5/2019: Total Participants: 25 People



44. Work Shop on Creative Learning for CSC coordinators/ communicators in IIT-Gandhinagar": 21/5/2019 to 25/5/2019: Total Participants: 80 CSC Coordinators and others



45. to. 51 Film Show Week": 13/5/2019 to 18/5/2019: Total Participants: 120 Students and Volunteers



52. to 58. Library Week": 20/5/2019 to 25/5/2019: Total Participants: 5 Students



59. to 61. World Environment Day - Symposium and poster competition: Inauguration of Programme": 4/6/2019: Total Participants: 300 People





62. and 63. Talk on "Global Warming , Climate change and the Role of Satellites" and
Talk on "Effect of Global warming and Climate change on Monsoon & Agriculture":
4/6/2019: Total Participants: 300 People



64. to 67. Poster competition, Mime by K. M. Patel Institute of Physiotherapy, Panel Discussion Session:4/6/2019: Total Participants: 300 People



**68. e-Published "6 - World Environment Day" in Enhancing Scientific Awareness
 Series:5/6/2019: Total Participants: 300 People**



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Celebrating World Environment Day: 5th June, 2019 : विश्व पर्यावरण दिवस

Humans are both creatures and moulders of their environment, which gives them physical sustenance and affords them the opportunity for intellectual, moral, social and spiritual growth. In the long and tortuous evolution of the human race on this planet a stage has been reached when, through the rapid acceleration of science and technology, humans have acquired the power to transform their environment in countless ways and on an unprecedented scale.



The United Nations, aware that the protection and improvement of the human environment is a major issue, which affects the well-being of peoples and economic development throughout the world, designated 5 June as World Environment Day. The celebration of this day provides us with an opportunity to broaden the basis for an enlightened opinion and responsible conduct by individuals, enterprises and communities in preserving and enhancing the environment.

The theme for 2019, "Beat Air Pollution," is a call to action call to combat this global crisis. Chosen by this year's host, China, this year's topic invites us all to consider how we can change our everyday lives to reduce the amount of air pollution we produce, and thwart its contribution to global warming and its effects on our health.

What Causes Air Pollution?

Understanding the different types of pollution, and how it affects our health and environment will help us take steps towards improving the air around us. Often you can't even see it, but air pollution is everywhere. We can't stop breathing, but we can do something about the quality of our air.

Nine out of ten people worldwide are exposed to levels of air pollutants that exceed safe levels set by the World Health Organization. There is little doubt - we are faced with an urgent task.

Causes of air pollution


Household


Industry


Transport


Agriculture


Waste

**Message on the World Environment Day
 Celebration Programme at CCPCSC, SPU, VVN**

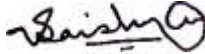
World Environment Day marked the first day in 1972, when Environment was included as a conscious part of development agenda in a U.N. meeting. Our Prime Minister Indira Gandhi was a keynote speaker. It was the first U.N. conference held in response to peoples' demand in Stockholm.

We should renew our commitment to make environmental actions and consciousness as a definitive part of our life style. In actual terms it means **WASTING NOTHING** and making **MAXIMUM USE OF LOCAL RESOURCES.**

Dr. C. L.Gupta
 Eminent Solar Scientist,
 SAICE, Sri Aurobindo Ashram, Pondicherry
 represented India @UN 1972 Stockholm Conf.



CCP CSC-SPU-VVN : Enhancing Scientific Awareness : 6. World Environment Day, 05-06-2019 Page 1


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69. Zero Shadow Day:5/6/2019: Total Participants: 20 Students/Teachers



**71, 74. to 76. -Talk on Physics and Astronomy at CSC and V & C. Patel Eng.
School:21/6/2019 to 26/6/2019: Total Participants: 50 Students**



72. and 73. Visit of CSC by M. U. Patel School, V.V.Nagar:22/6/2019: Total Participants:
30 Students/Teachers



Sanishu

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**77. to 79. Maths Teacher's Training at CSC: 24/6/2019 to 26/6/2019: Total Participants:
50 Teachers**



80. Science Teacher's Training: 27/6/2019 to 29/6/2019: 50 Teachers



81. Visit by Director, CSC – Bhavnagar: 29/6/2019 :50 Teachers



82. to 84. Celebration of International Day of Yoga: 27/6/2019: 300 People



85. and 86. Visit of CSC by Daxina Murti School: 5/7/2019: 80 Students and Teachers



87. and 88. Visit of CSC by Children's Home: 6/7/2019: 20 Students and Teachers



89. National Nutrition Week-2019: 6/7/2019: Total Participants: 250 Participants



90. Fancy Dress Competition- Who Am I: 6/7/2019: Total Participants: 250 Participants



91. Salad Decoration Competition: 6/7/2019: Total Participants: 250 Participants



92. Low Fat Recipe Competition: 6/7/2019: Total Participants: 250 Participants



93. and 94. Visit of CSC by S. D. Desai School: 12/7/2019: Total Participants: 80 Students and Teachers



95. Orientation Program of NCSC for teachers: 13/7/2019: Total Participants: 34 Teachers



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96. to 99. World Population Day- Lecture, Essay Competition, Poster Competition, Elocution Competition at N.H.Patel College of Education, Anand: 12/7/2019: Total Participants: 80 Students and Teachers



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C. C. Patel Community Science Centre, V. V. Nagar
 Sardar Patel University, V. V. Nagar &
 N. H. Patel College of Education, Anand
 (Sardar Patel Education Trust, Anand)
 Organized

Total 43

WORLD POPULATION DAY CELEBRATIONS
ESSAY COMPETITION 16/07/2019

Sr. No.	Code No.	Name of Participant	Judge 01 (30)	Judge 02 (30)	Total (60)	Remark
1	✓	Ushaben I. Kharadi				
2		Priti A. hinhor				
3	✓	Kajal P. Parmar				
4	✓	Bhoi Urvisha R.				
5	✓	Hetvi N. Kanani				
6		Shah Vshvay				
7	✓	Patel Ishan A.				
8	✓	Solanki Madhvi D.				
9	✓	Vahora Sadaf A.				
10	✓	Vasudev Bhayani				
11		Samir H. Vahora				
12	✓	Patel Shreya R.				
13	✓	Vahora Almas I.				
14		Thakor Shardhha A				
15		Bhoi Bhavesh R.				
16	✓	Patel Sagar A.				
17	✓	Vidhi Sing				
18	✓	Ishita Tanna				
19	✓	Puja Nayak				
20	✓	Chavda Ashaben K.				
21	✓	Chauhan Durgeshkumar S				
22		Chauhan Jaydeepsinh J.				
23	✓	Chauhan Alkeshbhai A.				
24	✓	Anupama P. P.				
25	✓	Rana Dharti R.				
26	✓	Samirmiyani Z. <i>Bolim</i>				
27	✓	Parmar Usha S.				
28	✓	Dhobi Chandani A.				

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Sr. No.	Code No.	Name of Participant	Judge 01 (30)	Judge 02 (30)	Total (60)	Remark
29	✓	Saralita Nair				
30	✓	Krishna Joshi				
31	✓	Shavani Bagadiya				
32	✓	Gaurav P. Bhatevara				
33		Chauhan Nimisha D.				
34	✓	Bansi A. Patel				
35	✓	Varsha N. Kachhela				
36	✓	Ankhitha krishnan				
37	✓	Patel Shivani				
38	✓	Rejoice K. Pareda				
39	✓	Pritiben V. Gamit				
40		Bhoi Sapana R.				
41	✓	Bhoi Sarika D.				
42	✓	Puja S. Panchal				
43	✓	Hinal N. Patel				
44	✓	Ilma I. Vahora				
45	✓	Asfiya S. Ghanchi				
46	✓	Mittalben P. Chaudhari				
47		Manisha K. Solanki				
48	✓	Aysha N. Vahora				
49	✓	Riddhi B. Joshi				
50		Uma M. Saroj				
51		Prinsha J. Parekh				
52	✓	Vishal J. Vaghela				
53	✓	Harsh V. Valand				
54	✓	Parthavi D. Patel				
55	✓	Shreya M. Parmar				
56	✓	Neeta Singh				
57	✓	Nimisha D. Chauhan				
58	✓	Pejas N. Shrimali				

Judge 01: _____

Judge 02: _____

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**100. to 102.Seminar on Water Conservation: Technological and Sociological Aspect:
 20/7/2019: Total Participants: 300 Participants**



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2	Water Conservation Day Celebration									
3	NO	NAME IN CAPITAL	INSTITUTE NAME (Fees)	PAP ER	E-MAIL	MOBILE NO.	Title of the Case Study/ Research Paper :	Sub-Theme of Presentation:	SIGN	RECD CERT SIGN
4										
5	1	Dr. Nitinkumar Dashrathbhai Patel	B.A.College of Agriculture, Anand	No	ndpatel88@aau.in	9638553619		5. Science and Technology for Saving Water		
6	2	S.S. Kalamkar	Agro-Economic Research Center	Yes		9822437451				
7	3	Mr. Gaurang Dineshbhai Bhimani	local self government	Yes	om	9662825343	Delineation	Technology for		
8	4	Maheshkumar A. Makwana	Anand Agricultural University	No	maheshmakwana@aau.in	9909404382				
9	5	NAKIYA ARVINDBHAI NATHUBHAI	Anand Agricultural University	No	nakiyaarvind@gmail.com	6353403223				
10	6	NIRAV VIPINCHANDRA SHAH	Anand Agricultural University	No	nirav_shah2412@yahoo.co.in	9825706126				
11	7	Dr.Mahesh R.Solanki	Anand education college, anand	Yes	drmaheshsolanki@rediffmail.com	9824637878	Project of water conservation	1. Water Conservation		
12	8	Mr.SUDHIN SURENDRAN	B R D School of Biosciences, Sardar Patel University, VVN	No	sks732082@gmail.com	9497197670				
13	9	JIGNESHKUMAR ISHWARBHAI SOLANKI	B.R.Doshi School Of Biosciences	No	jigs49964@gmail.com	8200118552				
14	10	Ms. UJWALA S KAIMAL	B.R.Doshi School Of Biosciences	No	ujwalaskaimal24@gmail.com	9497112576				
15	11	RAJ VADALIYA	B.R.Doshi School Of Biosciences	No	rajvadaliya.rv@gmail.com	9825074929				
16	12	Mayur chetanbhai Prajapati	BIRLA VISHWAKARMA MAHAVIDHYALAYA	No	mayur.prajapati5556@gmail.com	9913910711				
17	13	AHIR JIGAR D.	BIRLA VISHWAKARMA MAHAVIDHYALAYA	No	Ahirj7088@gmail.com	9033206164				
18	14	Amrat J Patel	BIRLA VISHWAKARMA MAHAVIDHYALAYA	No						


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22	18	Hemal Parmar	BIRLA VISHWAKARMA MAHAVIDHYALAYA	No					
23	19	Hitesh B Dabhi	BIRLA VISHWAKARMA MAHAVIDHYALAYA	No					
24	20	Janardan Pethani	BIRLA VISHWAKARMA MAHAVIDHYALAYA	No					
25	21	Jatin Vala	BIRLA VISHWAKARMA MAHAVIDHYALAYA	No					
26	22	Karshan M Kanjariya	BIRLA VISHWAKARMA MAHAVIDHYALAYA	No					
27	23	Kartik Desai	BIRLA VISHWAKARMA MAHAVIDHYALAYA	No					
28	24	Khatri Kashyap	BIRLA VISHWAKARMA MAHAVIDHYALAYA	No					
29	25	Machhi Aniket R.	BIRLA VISHWAKARMA MAHAVIDHYALAYA	No					
30	26	Makwana Ketan Bharatbhai	BIRLA VISHWAKARMA MAHAVIDHYALAYA	No					
31	27	Manali K. Panchal	BIRLA VISHWAKARMA MAHAVIDHYALAYA	No					
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37	33	Neha Patel	BIRLA VISHWAKARMA MAHAVIDHYALAYA	No	nrpatel@bvmengineering.ac.in	9033315123			

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42	38	Patel Ritulkumar Champaklal	BIRLA VISHWAKARMA MAHAVIDHYALAYA	No						
43	39	Patel Vitkumar Pareshbhai	BIRLA VISHWAKARMA MAHAVIDHYALAYA	No						
44	40	Pinava Ankit M.	BIRLA VISHWAKARMA MAHAVIDHYALAYA	No						
45	41	Prince Kiranbhai Patel	BIRLA VISHWAKARMA MAHAVIDHYALAYA	No						
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48	44	RESHMA L. PATEL	BIRLA VISHWAKARMA MAHAVIDHYALAYA		RLPATEL@BVMENGINE ERING.AC.IN	9428437203				
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50	46	Ruchi Patel	BIRLA VISHWAKARMA MAHAVIDHYALAYA	No						
51	47	Sneha Gamit	BIRLA VISHWAKARMA MAHAVIDHYALAYA	No						
52	48	Solanki Jay V.	BIRLA VISHWAKARMA MAHAVIDHYALAYA	No						
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55	51	Tisha Mukeshbhai Patel	BIRLA VISHWAKARMA MAHAVIDHYALAYA	No						

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58	54	Venu Upadhyay	BIRLA VISHWAKARMA MAHAVIDHYALAYA	No					
59	55	Vivek D.Patel	BIRLA VISHWAKARMA MAHAVIDHYALAYA	No					
60	56	Yash Savaliya	BIRLA VISHWAKARMA MAHAVIDHYALAYA	No					
61	57	DR. DARSHANA BHATT	BIRLA VISHWAKARMA MAHAVIDHYALAYA	No	drbhatt@bvmengineering.ac.in	9428660213			
62	58	Sanjay Singh	BIRLA VISHWAKARMA MAHAVIDHYALAYA	No	sanjaysinghf14@gmail.com	9067763565		1. Water Conservation	
63	59	Utsav Jitendrabhai Patel	BIRLA VISHWAKARMA MAHAVIDHYALAYA	NO					
64	60	Divyang Hashmukhbhai Patel	BIRLA VISHWAKARMA MAHAVIDHYALAYA	NO					
65	61	Priyang Hiteshbhai Tailor	BIRLA VISHWAKARMA MAHAVIDHYALAYA	NO					
66	62	Kajal Shirishbhai Patel	BIRLA VISHWAKARMA MAHAVIDHYALAYA	NO					
67	63	DARSHANKUMAR HITENDRABHAI PAREKH	Civil department, S.V.M.I.T-Bharuch	No	dgbhoolku369@gmail.com	8238155172			
68	64	Pratixa sakarlal vasava	Civil department, S.V.M.I.T-Bharuch	No	dinkuvasava3496@gmail.com	9909218983			
69	65	MITESH PRAVINBHAI CHAVDA	Civil department, S.V.M.I.T-Bharuch	No	miteshchavda222@gmail.com	8153817070			
70	66	KADVA VASIM ZAKIRHUSEN	Civil department, S.V.M.I.T-Bharuch	No	vasimkadva101@gmail.com	9824028371			
		SELAR AKIBMAHAMMED	Civil department,		akibselar1998@gmail.com				

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71	67	SELAR AKIBMAHAMMED FARIDAHMED	Civil department , S.V.M.I.T-Bharuch	No	akibselar1998@gmail.com	8866561049				
72	68	PALAK VIPULBHAI SHAH	Civil engg. Department, SVMIRT,BHARUCH	No	palakvshah31@gmail.com	7777969208				
73	69	MODI PRIYANKA AIKESHBHI	Civil engg. Department, SVMIRT,BHARUCH	No	priyankamodi114@gmail.com	9574730493		2. Water Harvesting		
74	70	Ms. SHILPA ASHUTOSH PATHAK	Civil Engineering Department, Parul Institute of Technology	No	pathakshil@gmail.com	9227530080				
75	71	DHAVAL DWIVEDI	College of Forestry, Navsari Agricultural University	Yes	dhavaldwivedi42@gmail.com	9904781244	Estimation of roof water harvesting potential of Navsari city using remote sensing and GIS	2. Water Harvesting		
76	72	Prashantkumar Shrivastava	College of Forestry, Navsari Agricultural University	Yes	principalcof@nau.in	9426740728	Estimation of roofwater harvesting potential of Navsari city by remote sensing and GIS	2. Water Harvesting		
77	73	Dr Dilip B Patel	College of Renewable Energy & Environmental Engineering,Sardarkrus hinagar Dantiwada Agricultural University	No	dilipkumar15781@gmail.com	6355382164		5. Science and Technology for Saving Water		
78	74	MEGHA PATEL	Deepa foundation,NGO- Hallol	Yes	meghapatel153@gmail.com	9638456605		1. Water Conservation		
		LaxmiBhai N. Zala	DEPT. OF LIBRARY							

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A	B	C	D	E	F	G	H	I	J
82	78 Raval Mittal Chaturbhai	DEPT. OF LIBRARY AND INFORMATION SCIENCE	NO						
83	79 Vanzara Kalavatiben Jesingbhai	DEPT. OF LIBRARY AND INFORMATION SCIENCE	NO						
84	80 Vhora Nausin Ikbal bhai	DEPT. OF LIBRARY AND INFORMATION SCIENCE	NO						
85	81 Thakor Asmita Sureshbhai	DEPT. OF LIBRARY AND INFORMATION SCIENCE	NO						
86	82 Parekh Rajeshree. P	DEPT. OF LIBRARY AND INFORMATION SCIENCE	NO						
87	83 Makwana Nitinkumar J.	DEPT. OF LIBRARY AND INFORMATION SCIENCE	NO						
88	84 Chavda Snehaben Kanubhai	DEPT. OF LIBRARY AND INFORMATION SCIENCE	NO						
89	85 Raval Bhavna	DEPT. OF LIBRARY AND INFORMATION SCIENCE	NO						
90	86 Mahera Vitkarshkumar S.	DEPT. OF LIBRARY AND INFORMATION SCIENCE	NO						
91	87 Vaghela Rekha	DEPT. OF LIBRARY AND INFORMATION SCIENCE	NO						
92	88 Raval Pradip Ramabhai	DEPT. OF LIBRARY AND INFORMATION SCIENCE	NO						
93	89 Raval Kajal Gopalbhai	DEPT. OF LIBRARY AND INFORMATION SCIENCE	NO						
	Anila M Mishra	Depart of							

Signature

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97	93	SEEMABEN RATHOD	Department of hindi, SPU		Seema3121@gmail.com	9824716158				
98	94	SHILPESH C. RANA	Faculty of Tech & engg., M.S.University	NO		9824504015				
99	95	ABITHA JOPPAN	G H Patel College of Engineering & Technology	Yes	abitha.joppa@gmail.com	7405422551	Drip Irrigation with mulching	3. Efficient Irrigation Methods		
100	96	Mr. RATANSHARAN PANCHAL	G H Patel College of Engineering & Technology	Yes	ratanpanchal@gcet.ac.in	9724599459	Smart Irrigation System	3. Efficient Irrigation Methods		
101	97	Shruti Tuli	G H Patel College of Engineering & Technology	YES						
102	98	Rami Bhumi B.	G H Patel College of Engineering & Technology	YES						
103	99	Nayna Makani	G H Patel College of Engineering & Technology	YES						
104	100	Dr. Khadeeja Priyan	G H Patel College of Engineering & Technology, Vallabh Vidyanagar	Yes	khadeejapriyan@gcet.ac.in	9428488108	Innovative Techniques for Stormwater Management	5. Science and Technology for Saving Water		
105	101	ANDHARIA PRIYAM	G H Patel College of Engineering and Technology	Yes	andhariap@yahoo.com	9427458651	Drip Irrigation with mulching	3. Efficient Irrigation Methods		
106	102	Nair Archana	G H Patel College of Engineering and Technology	Yes	nairarchana1602@gmail.com	9054521368	Drip Irrigation with Mulching	3. Efficient Irrigation Methods		
107	103	Ms. SHIVANI KHETANI	G H Patel College of Engineering and Technology	Yes	skhetani21@gmail.com	9099231899	Innovative techniques for storm water management	5. Science and Technology for Saving Water		
108	104	SHIVANGI PANCHAL	IICISST	No	shivangipanchal11@gmail.com	8320556297				
		PATEL SUNILKUMAR	INSTITUTE OF			7284916175				

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F4		MOBILE NO.								
A	B	C	D	E	F	G	H	I	J	
115	111	Aniket Naik	ISTAR	No						
116	112	Anjali Patel	ISTAR	No						
117	113	Bhakti Patel	ISTAR	No						
118	114	Bhavik Lugariya	ISTAR	No						
119	115	Bhumi Kothia	ISTAR	No						
120	116	Charml Vaghasiya	ISTAR	No						
121	117	CHIRAG PARMAR	ISTAR	No	-					
122	118	DARSHIT RAWAL	ISTAR	No	-					
123	119	Darshit Shah	ISTAR	No						
124	120	DEVANSHI PATEL	ISTAR	No	-					
125	121	Dharti Patel	ISTAR	No						
126	122	DRISHTI PATEL	ISTAR	No	-					
127	123	GOPI PANCHANI	ISTAR	No	-					
128	124	HARSHIL KANTIBHAI PATEL	ISTAR	No	harshilpatel0228@gmail.com	7567558176				
129	125	Himalay Bhakhar	ISTAR	No						
130	126	Hiral Thakor	ISTAR	No						
131	127	Jaimin Bhabhor	ISTAR	No						
132	128	Jaipa Prajapati	ISTAR	No						
133	129	JANKI PANDYA	ISTAR	No	-					
134	130	JASMIN CHAUDHARI	ISTAR	No	-					
135	131	JIGAR PATEL	ISTAR	No	-					
136	132	JIGAR FALDU	ISTAR	No	-					
137	133	Jinal A Patel	ISTAR	No						
138	134	KELVIN A. JETHVA	ISTAR	No	kevinjethva4@gmail.com	9898997456				
139	135	KEYUR VARIYA	ISTAR	No	-					
140	136	Khushbu Mahida	ISTAR	No						
141	137	KHYATI JOSHI	ISTAR	No	-					
142	138	Kinjal Shah	ISTAR	No						
143	139	KULDEEP SINH ATODARIYA	ISTAR	No	-					
144	140	Mahima Chauhan	ISTAR	No						
145	141	Mandar Hadhav	ISTAR	No						
146	142	MANISHA ARJUN PATEL	ISTAR	No	-					
147	143	Mayur Patel	ISTAR	No						
148	144	Mayuri Sisode	ISTAR	No						
149	145	Meet D Dabgar	ISTAR	No						

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152	148	MOHAMMEDHANIF MALEK	ISTAR	No	om	7990586810				
153	149	MRUNALI BHAWSAR	ISTAR	No	-					
154	150	NIRAJ BHAWSAR	ISTAR	No	-					
155	151	NIRALI GOSWAMI	ISTAR	No	-					
156	152	Nishita Joshi	ISTAR	No						
157	153	Nishith Rana	ISTAR	No						
158	154	Panthil Panchal	ISTAR	No						
159	155	Parth Pansuriya	ISTAR	No						
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162	158	PRATIK VAGHELA	ISTAR	No	-					
163	159	Priyanshi Delvadiya	ISTAR	No						
164	160	Raina Gundaniya	ISTAR	No						
165	161	Riddhi Bhanderi	ISTAR	No						
166	162	RIDHHI PATEL	ISTAR	No	-					
167	163	Rinku Paswan	ISTAR	No						
168	164	Riya Patel	ISTAR	No						
169	165	ROMANCH PATEL	ISTAR	No	-					
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171	167		ISTAR	No	ail.com					
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173	169	Shashank Patel	ISTAR	No						
174	170	Shashiraj Solanki	ISTAR	No						
175	171	Shesha Patel	ISTAR	No						
176	172	SHREYA TRIPATHI	ISTAR	No	-					
177	173	Shuchi Sharma	ISTAR	No						
178	174	Shweta Patel	ISTAR	No						
179	175	VISWA JOSHI	ISTAR	No	-					
180	176	Yamini Raval	ISTAR	No						
181	177	YASH PATEL	ISTAR	No	-					
					jvpatel221298@gmail.co					
182	178	Mr.JAIVISH PATEL	ISTAR	No	m	9173931230				
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F4		MOBILE NO.								
A	B	C	D	E	F	G	H	I	J	
184	180 Riya sbah	ISTAR	YES							
185	181 Mr. DIVYESH GHANSHYAMBHAI MANDALI	of Technology and Engineering/ civil engineering	Yes	dgm1993@gmail.com	9429930060	Harvesting System for Residential	2. Water Harvesting			
186	182 Ganpatye Avinash Parshuram	M.E(CIVIL)	YES		9099953135					
187	183 BHAVYARAJ M. CHAUHAN	P.G.DEPT.BIOSCIENC	No	chauhanbhavyaraj204@g	9426629345					
188	184 CHETANABEN HIMMATSINH SOLANKI	P.G.DEPT.BIOSCIENC ES, SPU	No	-	9978580894					
189	185 LAKHNOTRA SEJALBEN SAVDASBHAI	P.G.DEPT.BIOSCIENC ES, SPU	No	sejallakhnotra@gmail.co	9978197556					
190	186 NEEPA DEVABHAI ASARI	P.G.DEPT.BIOSCIENC ES, SPU	No	neepaasari74@gmail.com	9638779310					
191	187 PARULBEN MOHANSINH NAYAK	P.G.DEPT.BIOSCIENC ES, SPU	No	-	7567261800					
192	188 PRAGYA SINGH	P.G.DEPT.BIOSCIENC ES, SPU	No	pragya1626@gmail.com	9428971498					
193	189 PRITENKUMAR A. PATEL	P.G.DEPT.BIOSCIENC ES, SPU	No	pritenpatel76@gmail.co	7043922501					
194	190 RIDDHI VINODBHAI KYADA	P.G.DEPT.BIOSCIENC ES, SPU	No	-	8733067841					
195	191 RITU RANI	P.G.DEPT.BIOSCIENC ES, SPU	No	-	8222916996					
196	192 RIYA KULKARNI SHYAMRAO	P.G.DEPT.BIOSCIENC ES, SPU	No	rkulkarni0510@gmail.co	8140858481					
197	193 RUTIKA BALUBHAI THUMMAR	P.G.DEPT.BIOSCIENC ES, SPU	No	-	9081878553					
198	194 Poonam N. Dadwani	P.G.DEPT.Education, SPU	Yes	poonamdadwani1@gma	9726735858					
199	195 Ms.Sunita Panda	civil engineering	No	rsity.ac.in	8249890564					
200	196 Dr. Utpala Kharod	Pramukhswami Medical College, Karamsad	No	utpala_kharod@hotmail.c	9825318749					
201	197 Kandarp Bhatt	School of architecture, ITM Universe, Vadodara	Yes	kbhatt109@yahoo.com	9427708235	Tentatively " Social aspects of rain water harvesting	2. Water Harvesting			
202	198 CHAUDHARY VIPULBHAI MANABHAI	SHREE A.N. PATEL. P.G. INSTITUTE	No	patelvipul.ov341@gmail.c	8511485954					

Sheet1 Sheet2 CATA Sheet3

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206	202	ROMIT K. PATEL	SHREE A.N. PATEL. P.G. INSTITUTE	No	romitpatel2416@gmail.com	9558407273							
207	203	SHEKH UJMA MOHAMEDBHAI	SHREE A.N. PATEL. P.G. INSTITUTE	No	ujmashakha@gmail.com	9104428146							
208	204	SIDDHARTH S. RAMANUJ	SHREE A.N. PATEL. P.G. INSTITUTE	No	sidram4584@gmail.com	9409503820							
209	205	SNIGDHA BISWAJIT BERA	SHREE A.N. PATEL. P.G. INSTITUTE	No	snigdhabera03@gmail.com	9429777137							
210	206	VIRAT G. SAVALIYA	SHREE A.N. PATEL. P.G. INSTITUTE	No	viratsavaliya.vs@gmail.com	7046425925							
211	207	Mr. Shailesh G. Panchal	Shri G.H. Patel College of Nursing	No	shaileshgp@charutarhealth.org	9879401720							
212	208	DINESH A PATEL	Shri S'ad Vidya Mandal Institute of Technology, Bharuch	No	dap1525@gmail.com	9998016651							
213	209	DEVANG ONDHIYA	Shri S'ad Vidya Mandal Institute Of Technology, Bharuch	No	devangondhiya111@gmail.com	9427130648							
214	210	RUMA SINGH	SMAID, New Vallabh Vidyanagar	Yes	arch.ruma@gmail.com	9904221479			Case study: Water conservation in pol houses		1. Water Conservation		
215	211	Ar. Jemish Lathiya	SMAIDn New V.V.Nagar	No	jemishlathiya@gmail.com	9427159940							
216	212	Mr. Jatinkumar T Patel	SRSAT	No	jatin584@live.com	9428382393							
217	213	GANPATYE RIDDHI AVINASH	U.V. PATEL COLLEGE OF ENGG.	No									
218	214	Abhin Kiritbhai Paghadal	V.P.SCIENCE COLLEGE	No									
219	215	ACHARYA DHRUVI	V.P.SCIENCE COLLEGE	No									
220	216	ADITI D. PATEL	V.P.SCIENCE COLLEGE	No									
221	217	AMANDEEP MOHAN SINGH SAINI	V.P.SCIENCE COLLEGE	No									
222	218	AMI K. VAGHELA	V.P.SCIENCE COLLEGE	No									



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223	219 ANSHU S. SINGH	V.P.SCIENCE COLLEGE	No						
224	220 ARCHANABEN PANCHAL	V.P.SCIENCE COLLEGE	No						
225	221 ASMITABEN ARJUNBHAI RATHVA	V.P.SCIENCE COLLEGE	No						
226	222 BHAVIN G. PADHIYAR	V.P.SCIENCE COLLEGE	No						
227	223 CHANYARA ANAND JAGDISHBHAI	V.P.SCIENCE COLLEGE	No						
228	224 CHINAB D. LIMDIWALA	V.P.SCIENCE COLLEGE	No						
229	225 Chintan A Panchal	V.P.SCIENCE COLLEGE	No						
230	226 DHRUVA K. KAPADI	V.P.SCIENCE COLLEGE	No						
231	227 DHRUVI M. SUTHAR	V.P.SCIENCE COLLEGE	No						
232	228 Divyangini Pareshbhai Parekh	V.P.SCIENCE COLLEGE	No						
233	229 Dr. J.P.Patel	V.P.SCIENCE COLLEGE	No	pateljp14@gmail.com	9825671130				
234	230 FAIDU VIVEK KESHUBHAI	V.P.SCIENCE COLLEGE	No						
235	231 GADHIYA ABHISHA D.	V.P.SCIENCE COLLEGE	No						
236	232 GAJERA HARSH	V.P.SCIENCE COLLEGE	No						
237	233 GAURAV N. CHOUDHARY	V.P.SCIENCE COLLEGE	No						
238	234 GAURAV VALAND	V.P.SCIENCE COLLEGE	No						
239	235 Ghariya Satyajitsinh Survigsinh	V.P.SCIENCE COLLEGE	No						
240	236 HADIYA MANSHI KETANBHAI	V.P.SCIENCE COLLEGE	No						
241	237 Hardikkumar H. Solanki	V.P.SCIENCE COLLEGE	No						
242	238 Hariom Viralkumar Patel	V.P.SCIENCE COLLEGE	Yes						
	HASMITA GHANSHYAM	V.P.SCIENCE COLLEGE			7203962463		Efficient		

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253	249	MAKWANA NIDHI ARVINDBHAI	V.P.SCIENCE COLLEGE	No						
254	250	MAKWANA PRAPTI DIPAK	V.P.SCIENCE COLLEGE	No						
255	251	MAULIK R. BORAD	V.P.SCIENCE COLLEGE	No						
256	252	MIHIR P RENPARA	V.P.SCIENCE COLLEGE	No						
257	253	MONIK HARESHBHAI KYADA	V.P.SCIENCE COLLEGE	No						
258	254	MONIKA G. DOBARIYA	V.P.SCIENCE COLLEGE	No						
259	255	NANDKUMAR PATEL	V.P.SCIENCE COLLEGE	No						
260	256	NEEL R. RABARI	V.P.SCIENCE COLLEGE	No						
261	257	PATEK KHILANKUMAR	V.P.SCIENCE COLLEGE	No						
262	258	PATEL ANIKITKUMAR	V.P.SCIENCE COLLEGE	No		9574441064				
263	259	PATEL AYUSHI ASHOKKUMAR	V.P.SCIENCE COLLEGE	No						
264	260	PATEL PIYUSH SHAILESHKUMAR	V.P.SCIENCE COLLEGE	No						
265	261	PATEL POOJA SHAILESHKUMAR	V.P.SCIENCE COLLEGE	No						
266	262	PRAJAPATI BHUMI MANISHBHAI	V.P.SCIENCE COLLEGE	No						
267	263	PRAJAPATI POONAM RAJKUMAR	V.P.SCIENCE COLLEGE	No						
268	264	PRAJAPATI RESHM VINODBHAI	V.P.SCIENCE COLLEGE	No						
269	265	Punjabi Devnshi Rameshkumar	V.P.SCIENCE COLLEGE	No						
270	266	RABART UNNATI K.	V.P.SCIENCE COLLEGE	No						
271	267	RANA AMRUTSINH D.	V.P.SCIENCE COLLEGE	No						
272	268	RANCHHOR GUMANSINGH	V.P.SCIENCE COLLEGE	No						

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A	B	C	D	E	F	G	H	I	J
271	267	RANA AMRUTSINH D	V.P.SCIENCE COLLEGE	No					
272	268	RANCHHOR GUMANSINGH	V.P.SCIENCE COLLEGE	No					
273	269	RONAKKUMAR KHEMABHAI PATEL	V.P.SCIENCE COLLEGE	No					
274	270	Sanket Rajeshbhai Kakadiya	V.P.SCIENCE COLLEGE	No					
275	271	SATANI DHRUVKUMAR J.	V.P.SCIENCE COLLEGE	No					
276	272	SAURAV P. PARMAR	V.P.SCIENCE COLLEGE	No					
277	273	SHANTIYA M. MANSURY	V.P.SCIENCE COLLEGE	No					
278	274	SHARMA ANJALI RAJESHBHAI	V.P.SCIENCE COLLEGE	No					
279	275	SHIVAM N. PANCHAL	V.P.SCIENCE COLLEGE	No					
280	276	SHRADDHA R VAGHESIYA	V.P.SCIENCE COLLEGE	No					
281	277	SHREYASH S. DHOBI	V.P.SCIENCE COLLEGE	No					
282	278	SOLANKI URVIASHKUMAR ARVINDHBHAI	V.P.SCIENCE COLLEGE	No					
283	279	TULSI PATEL	V.P.SCIENCE COLLEGE	No					
284	280	VASAVA NEHA BABUBHAI	V.P.SCIENCE COLLEGE	No					
285	281	Vidhi G Savaliya	V.P.SCIENCE COLLEGE	No					
286	282	Vispute Shivam R.	V.P.SCIENCE COLLEGE	No					
287	283	Yashendu C Joshi	V.P.SCIENCE COLLEGE	No					
288	284	Chintan Makwana							
289	285	Dr. Dilip M Patel							
290	286	Hasi Patel		YES	hasipatel96@gmail.com				
291	287	Shyamsunar Raithatha	P S Medical College, Karamsad	NO					

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280	276	SHRADDHA R VAGHESIYA	V.P.SCIENCE COLLEGE	No					
281	277	SHREYASH S. DHOBI	V.P.SCIENCE COLLEGE	No					
282	278	SOLANKI URVIASHKUMAR ARVINDHBHAI	V.P.SCIENCE COLLEGE	No					
283	279	TULSI PATEL	V.P.SCIENCE COLLEGE	No					
284	280	VASAVA NEHA BABUBHAI	V.P.SCIENCE COLLEGE	No					
285	281	Vidhi G Savaliya	V.P.SCIENCE COLLEGE	No					
286	282	Vispute Shivam R.	V.P.SCIENCE COLLEGE	No					
287	283	Yashendu C Joshi	V.P.SCIENCE COLLEGE	No					
288	284	Chintan Makwana							
289	285	Dr. Dilip M Patel							
290	286	Hasi Patel		YES	hasipatel96@gmail.com				
291	287	Shyamsonar Rairhattha	P S Medical College, Karamsad	NO					
292	288	Jayprakash Samriya	P S Medical College, Karamsad	NO					
293	289	Andariya Manali D.	V.P.SCIENCE COLLEGE	NO	RANAAMRUTSINGH@GMAIL.COM	8735071280			
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296	292	Andhariya Manlika D.	V.P.SCIENCE COLLEGE	NO	ranaamrutsingh@gmail.com	8735071280			
297	293	Patel Tarvi Rakeshkumar	V.P.SCIENCE COLLEGE	NO	trp3feb@gmail.com	9925910156			
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299	295	Dr.Dhruvi S. Patel	ISTAR	NO					
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103. Visit to CSC by Dr. A. N. Prabhakar: 20/7/2019: 4 People



**104. Talk on Mission Moon at M. B. Patel College of Education, V.V.Nagar: 31/7/2019:
Total Participants: 200 Participants**



105. Tree Plantation at CSC: 2/8/2019: 7 Participants



106. Science Project Exhibition: 5/8/2019- Approx. 300 Participants



107. Talk on "Scientific Understanding of Indian Calendar": 7/8/2019: 150 Participants



108. A mentoring Session On "Scope for Innovation In Science and Technology" at NVPAS College: 8/8/2019 : 60 Participants Participants



**109. Talk on Vikram Sarabhai Centenary Celebration at Ras High School, Ras (Borsad):
13/8/2019: 100 Participants**



110. District Level National Science Seminar: 20/8/2019: 50 Student, 27 teachers



**111. Talk on Vikram Sarabhai Centenary Celebration at Bhavan's College, Dakor:
30/8/2019: 100 Participants**



**112. District Level Competition of Rural IT Quiz: 31/8/2019: 144-Students,22
teachers,15 Volunteers**



113. Expert talk -Rural IT Quiz: 31/8/2019: 144-Students,22 teachers,15 Volunteers



**114. Workshop On "INNOVATIVE TEACHING LEARNING PEDAGOGIES IN SCIENCE":
31/8/2019: 60 Students, 10 Teachers**



**115. and 116. Talk on "INNOVATIVE TEACHING LEARNING PEDAGOGIES IN SCIENCE" at
WayMade College of Education: 31/8/2019: 60 Students, 10 Teachers**



117. Science Meet -2019: 31/8/2019: Approx. 300 Participants



118. Visit of CSC by Kumar Shala,Bakrol: 4/9/2019: 50 Student,2 Teachers



119. Talk on Chandrayan-2 at Zen School, Vadtal Road: 7/9/2019: 100 Students and Teachers



**120. Half Day Seminar to celebrate the birth Centenary of Vikram Sarabhai at
M.P.Patel Auditorium, SPU: 12/9/2019: 200 Participants**



121. Visit of CSC by Go.Jo.Sharda Mandir School (Secondary): 12/9/2019: 50 Student, 5 teachers



122. Talk on Celebrate the birth Centenary of Vikram Sarabhai : 12/9/2019: 50 Student, 5 teachers



123. Visit of CSC by Go.Jo.Sharda Mandir School (Primary): 12/9/2019: 60 Students,5 Teachers



124. Orientation for Rural IT Quiz: 14/9/2019: 20 Students, 5 Teachers



125. 10 Teams Sent for State Level Rural IT Quiz at Gandhinagar Town Hall, Gandhinagar: 17/9/2019: 20 Students, 4 Teachers, Altaf Pathan



126. "Intercollegiate Competition on Experiment Demonstration in Science": 19/9/2019: 33 Students, 10 Teachers



127. District Level National Science Drama Competition: 21/9/2019: 24 Students,8 Teachers



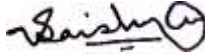
કોમ્યુનીટી સાયન્સ સેન્ટરનો રાજ્ય કક્ષાએ સાયન્સ ડ્રામામાં પ્રથમ ક્રમાંક

આણંદ, તા. ૨૯
ગુજકોસ્ટ ગાંધીનગર દ્વારા રાજ્ય કક્ષાની નેશનલ સાયન્સ ડ્રામાનું આયોજન બરાડ વિશ્વ વિદ્યાપીઠ, રાજકોટ ખાતે તારીખ ૨૩ અને ૨૪ નવેમ્બર ૨૦૧૯ના રોજ કરવામાં આવ્યું.

આ સ્પર્ધાની ધીમ સાયન્સ અન સોસાયટી હતી. ડ્રામા

હરિકાઈમાં રાજ્યમાંથી ૩૩ શાળાઓએ ભાગ લીધો હતો. જેમાં આણંદ જિલ્લા કક્ષાએ પસંદ પામેલ ચરોતર ઈંગ્લિશ મિડિયમ સ્કૂલના વિદ્યાર્થીઓ હેત લીબાણી, શાને મેકવાન, પૂજન પીઠડિયા, વિશાલ પ્રજાપતિ, રીયા વિરડીયા, ક્રિષા પટેલ, હેલી પટેલ, યેશા શાહ. આ દરેક વિદ્યાર્થીઓએ


સ્વચ્છતા રે સ્વચ્છતા ઉપર ડ્રામા પ્રસ્તુત કરેલ જેમાં ઉત્કૃષ્ટ દેખાવ કરી પ્રથમ નંબર પ્રાપ્ત કરેલ છે. આ વિજેતા ટીમ ઝોનલ લેવલ પર તા. ૩ ડિસેમ્બર ૨૦૧૯ના રોજ નેહરૂ સાયન્સ સેન્ટર, મુંબઈ ખાતે પોતાના નાટકની પ્રસ્તુતિ કરશે. આ ઉપરાંત બેસ્ટ ડિરેક્ટર તરીકે કુમારભાઈ ભોઈને ઈનામ પ્રાપ્ત થયેલ છે.



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Vallabh Vidyanagar




128. e-Published "7 - Celebrating World Pharmacist Day" in Enhancing Scientific Awareness Series: 25/9/2019: 300 People



सुमोक्ष्मं महत्त्वम्

C C Patel Community Science Centre
Sardar Patel University, Vallabh Vidyanagar, Dist. Anand
supported by GUJCOST, Dept. of Science and Technology, Govt. of Gujarat

Hon. Director: Dr. Vibha Vaishnav, Jt. Director: Dr. Vijay Parmar
e mail: cscspuvvn@yahoo.com, csc@spuvvn.edu



Investing in science
Investing in the future!

Celebrating World Pharmacist Day: 25th September, 2019 : विश्व फार्मासिस्ट दिवस

On September 25, 2019 Millions of pharmacist celebrate world pharmacist day.

Theme: Safe and Effective Medicine for all.

Aim is to promote pharmacist crucial role in safeguarding patient safety through improving medicines use and reducing medication error.

For safe and effective medicine point of view patient can report the adverse event which observe after taking the drug and this report is useful for pharmacist, that patient is suffering with some health issue. So, patient awareness is most important.

Nowadays so many drugs are banned because of severe side-effects. For Example, Ranitidine the most popular acidity drug widely available as Rantac, Aciloc, Zinetac, Histac etc has been found to carcinogenic (Cancer causing). Other example is Nimesulide is banned due to sever Liver Damage.

Safety purpose

Six rights we can follow:

- 1) Right Time
- 2) Right Route
- 3) Right Dose
- 4) Right Documentation
- 5) Right Person
- 6) Right Medication

Drug Effectiveness and Safety

The main goals of drug development are effectiveness and safety. Because all drugs can harm as well as help, safety is relative. The difference between the usual effective dose and the dose that causes severe or life-threatening side effects is called the margin of safety. A wide margin of safety is desirable, but when treating a dangerous condition or when there are no other options, a narrow margin of safety often must be accepted. If a drug's usual effective dose is also toxic, doctors do not use the drug unless the situation is serious and there is no safer alternative.

CCP CSC-SPU-VVN : Enhancing Scietific Awareness : 7. World Pharmacist Day, 25-09-2019Page 1


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**129. Science Fair Stall at DIET at Santaram School, Karmsad: 26/9/2019 to 27/9/2019:
approx. 500 People**



130. National Children's Science Congress: 28/9/2019: 70 Students and Teachers



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School Name :- I. B. Patel English School

Sr. No	Students Name	School Name	Contact No.	Sign
1	Trivedi Deep Manishbhai	T	8107115660	[Signature]
2	Rathod Bogar Kiranbhai		9824372379	[Signature]

School Name :- I. B. Patel English School

Sr. No	Students Name	School Name	Contact No.	Sign
1	Shah Maitra Dimalkumar		9824372379	[Signature]
2	Rajput Sakshi Vijaybhai		8758531243	[Signature]

School Name :- I. B. Patel English School

Sr. No	Students Name	School Name	Contact No.	Sign
1	Bhatiya Dhyanesh Anandkumar		8141186864	[Signature]
2	Patel Dhruval Vijaybhai		9409272605	[Signature]

School Name :- I. B. Patel English School

Sr. No	Students Name	School Name	Contact No.	Sign
1	Pathak Drishti Amrishkumar		7990776226	[Signature] - F
2	Khatir Kumudini Hitendrabhai		9925812997	[Signature] - F

[Handwritten Signature]



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School Name :- ગાંધી હાઈસ્કૂલ ગાંધી

Sr. No.	Students Name	School Name	Contact No.	Sign
1	હીરજી રાજકાંત શેઠ	ગાંધી હાઈસ્કૂલ	9586282101	M.S.P. - M
2	હીરજી સહિતિયા	ગાંધી હાઈસ્કૂલ	9574143382	J.D.T. - M

School Name :- ગાંધી હાઈસ્કૂલ ગાંધી

Sr. No.	Students Name	School Name	Contact No.	Sign
1	બાલકૃષ્ણ રાવળ .બી.	ગાંધી હાઈસ્કૂલ	9714365037	S.B.R. - M
2	વરુણી વસાવલા .પી.	ગાંધી હાઈસ્કૂલ	9737441288	S.V.P. - M

School Name :- ગાંધી હાઈસ્કૂલ ગાંધી

Sr. No.	Students Name	School Name	Contact No.	Sign
1	હરજી સિદ્ધી .બી.	ગાંધી હાઈસ્કૂલ	9316180216	M.S.P. - M
2	દાસી દીપ્તિ વાઘેલા	ગાંધી હાઈસ્કૂલ	9998881965	H.J.D. - M

School Name :- I B Patel School.

Sr. No.	Students Name	School Name	Contact No.	Sign
1	Shah Jeel H.	I.B. Patel	9825821220	J.H.S. - F
2	Shaik Ayesha Y.	I.B. Patel	7098262185	A.Y.S. - F

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School Name :- Personal Care Vidhyalaya, Anand.

Sr. No	Students Name	School Name	Contact No.	Sign
1	Anuragi Sofiya T.	Personal Care Vidhyalaya	97 23 051 777	Sofiya - F
2	Dhara Falakmez J.	Personal Care Vidhyalaya	88 49 251988	Falak - F

School Name :- Personal Care Vidhyalaya, Anand.

Sr. No	Students Name	School Name	Contact No.	Sign
1	Kahkoti Anjana J.	Personal Care Vidhyalaya	95 740 90 235	Anjana - M
2	Mulek Ansh B.	Personal Care Vidhyalaya	97 37 88 29 88	Ansh A. - M

School Name :- Personal Care Vidhyalaya, Anand.

Sr. No	Students Name	School Name	Contact No.	Sign
1	Neharika Ansh M.	Personal Care Vidhyalaya	98 257 98 278	Ansh M. - F
2	Neharika Ansh S.	Personal Care Vidhyalaya	97 27 44 92 92	Ansh S. - F

School Name :- LKSH high school

Sr. No	Students Name	School Name	Contact No.	Sign
1	N.S. Shah	LKSH High School	8000160926	N.S. Shah M
2	V.R.A.S. B. Patel	LKSH High School	9662872752	V.R.A.S. B. Patel M

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School Name :-

Sr. No	Students Name	School Name	Contact No.	Sign
✓ 1	Pathan Mithals	J.D. Patel Bomschi	9316288563	- F
✓ 2	Pathan Bheeti K	J.D. Patel Bomschi	9909212725	B.K. Pathan - F

- Aeroponics Farming.

School Name :-

Sr. No	Students Name	School Name	Contact No.	Sign
✓ 1	Pathan Doorjabin M Khan	J.D. Patel high school	9106862742	<u>Doorjabin</u> - F
✓ 2	Patel Hetal B	J.D. Patel high school	9448046278	H.B.P - M

- Mission Pluto

School Name :-

Sr. No	Students Name	School Name	Contact No.	Sign
✓ 1	NAYAK NEEL DHAJ DHARMENDRAKUMAR	H.P.		- M
✓ 2	PATEL ZELE ANUPBHAI.			- F

School Name :-

Sr. No	Students Name	School Name	Contact No.	Sign
1				
2				

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School Name :- I B PATEL ENGLISH SCHOOL, PRIMARY SECTION

Sr. No	Students Name	School Name	Contact No.	Sign	
✓ 1	PANCHAL DHANANJAY LOHESANKUMAR	I.B. Patel Eng. School	9924133053		①
✓ 2	BNAN KASHYA KAMLESANKUMAR	"	9824960148		F

School Name :- ~~Gujera KSE COMPLEX SCIENCE STRIAM PATR~~

Sr. No	Students Name	School Name	Contact No.	Sign	
✓ 1	Gujera Prarthna Ashokkhai	I.B. Patel Eng. School (Prim)	9825551498		M
✓ 2	Panjabi Surbhi Rajankumar	"	7878271712		F

School Name :-

Sr. No	Students Name	School Name	Contact No.	Sign	
✓ 1	Shah Pranet Hiteshbhai	I.B. Patel Eng. School (Prim)	9426606436		M
✓ 2	Dalwadi Rohan Hiteshbhai	"	9426488150		M

School Name :- I. B. Patel English School (Primary)

Sr. No	Students Name	School Name	Contact No.	Sign	
✓ 1	Dabhi Divya Vipul Kumar	I B Patel Eng. School (Primary)	9824498151		F
✓ 2	Theoria Ankur Ankur	"	9033424533		M



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Sr. No	Teacher Name	School Name	Contact No	Sign
1.	Malek Tahirosmiyce	Personal Care Vidhyalaya	8240462476	
2.	Raj Tansit P.	Personal Care Vidhyalaya	9033318281	
3.	Vahaja Azarabrad U.	Personal care Vidhyalaya	9662319558	
4.	Bhaskerbhai Anandbhai Patel	I. B. Patel English School	9427179936	
5.	Fazid. S. Targvali	Laksh high school	8328005473	
6.	Saurabh. D. Shah	Ras high school	8200160926	
7.	Shukh Harsh A.	Ras high school	8154953195	H. A. shukh
8.	Gaurav A Joshi	C. E. M. S.	777929750	
9.	Panchal LOYESH A	OVMNSBC (Sci. stream) RTP	9924133052	
10.	Bhesaniya Yogesh Z	"	9998714493	
11.	Parmanu Pruyanka J.	I. B. Patel Eng. School	9913603874	
12.	Parekh Binjal J	I. B. Patel Eng. School	953779882	
13.	Dabhi Nimisha. B	I. B. Patel Eng. School	4883118340	
14.	Selanki Hitesh S.	I. B. Patel Eng. School	7698252185	
15.	Rakesh K Prayapat	J. D. Patel High School	9898964530	
16.				
17.				
18.				
19.				
20.				
21.				
22.				

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131. Meeting of CSC SPU Maths Club: 28/9/2019: 28 People



132. to 135. Seminar and Poster Competition on Gandhian Concept of Development: 30/9/2019: 100 Students and Teachers



136. and 137. Wildlife Photo- Exhibition: 3/10/2019 to 7/10/2019: Approx. 300 People



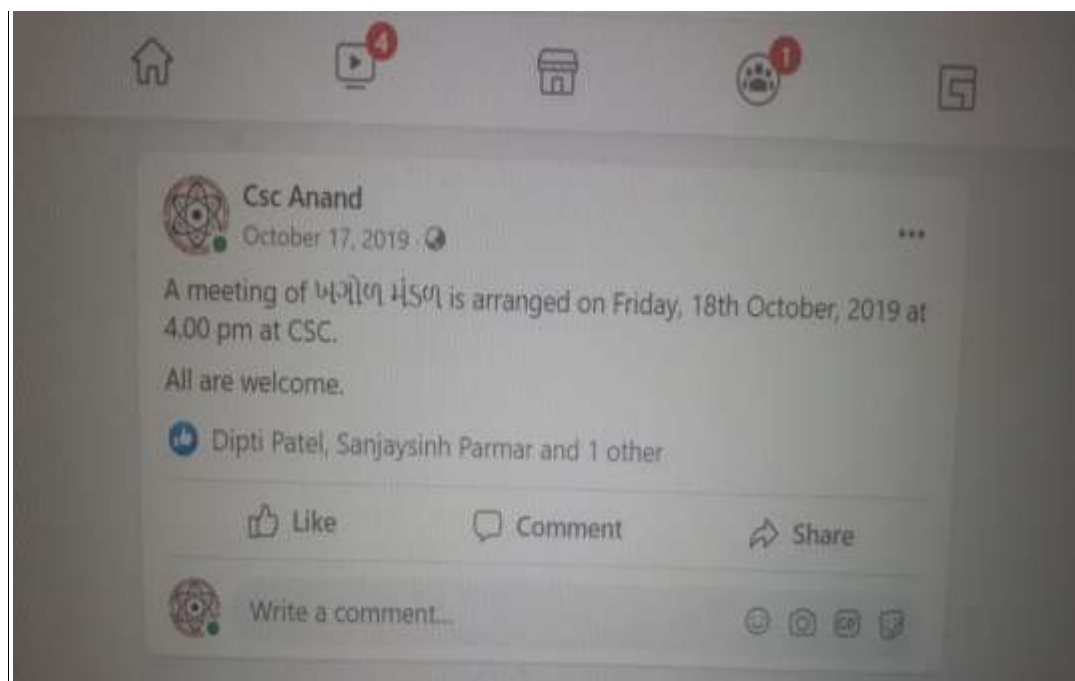
138. and 139. B.ed College Visit - Diat B.ed College: 11/10/2019: 15 Students



140. Meeting of GUJCOST at GUJCOST at Science City: 13/10/2019: 45 Participants



141. CSC- Khagol Mandal 's Meeting: 18/10/2019: 10 People



142. School visit 1- Showing Experiments - S. D. Desai School at S.D.Desai High School, Bakrol: 19/10/2019: 30 Students, 2 Teachers



143. Talk-Celebrating the birth Centenary of Vikaram Sarabhai at M.U.Patel High School, V.V.Nagar: 19/10/2019: 100 Students and Teachers



144. CSC- Maths Club Meeting at CSC: 100 Students and Teachers: 15 People



145. and 146. Visit of CSC by Zen School: 21/10/2019: 60 Students and 2 Teachers



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**147. School visit -2 - Showing Experiments - Sajnatalavdi Primary School, V.V.Nagar:
22/10/2019: 60 Students 2 Teachers**



**148. School visit -3- Showing Experiments - Personal Care School: 23/10/2019: 50
Stdents 2 Teachers**



149. e- Published "8- Celebrating Diwali: Green Firecrackers" in Enhancing Scientific Awareness Series: 26/10/2019: 350 People



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Celebrating Diwali: Green Firecrackers: ગ્રીન ફાયરફોર્સ : October 2019

Green Crackers: Meaning, Composition and Facts

Firecrackers are enjoyed by most of the children in the Diwali festival. And every time it is seen that due to crackers air pollution increases and affects health. CSIR came up with the solution and developed green crackers which are better than previous sound-emitting crackers and other fireworks. Let us read more about green crackers, how they will help in combating air pollution, composition of green crackers, etc.



What are Green Crackers?

The green crackers developed by the Indian Council of Scientific and Industrial Research (CSIR) include flower pots, pencils, sparkles, and chakkar. No doubt that green crackers are environment-friendly and are developed to reduce air pollution that causes health hazards.

Air pollution is one of the most serious environmental problems confronting our civilisation today. Mainly, it is caused by human activities like mining, construction, transportation, industry, etc. Also, some natural phenomena are also responsible like volcanic eruptions, wildfires etc. But their occurrence is rare and mostly it causes a local effect. Firecrackers on Diwali are some or the other way responsible for air pollution. So, to minimise air pollution green crackers are developed.

What are fireworks?

Fireworks is a device which contains gunpowder and other combustible chemicals which causes striking effects and when ignited they explode. Basically, used in celebrations, festivals etc.

Now, let us study about Green Crackers..

Green crackers do not contain harmful chemicals and reduce air pollution. They are eco-friendly. That is green crackers are less harmful as compared to conventional firecrackers and reduce air pollution.

In green crackers the commonly used polluting chemicals like aluminium, barium, potassium nitrate and carbon have either been removed or sharply reduced to slow down the emissions by 15 to 30%.

Do you know that the idea of generating green firecrackers is of CSIR labs and is proposed by the Union Science and Technology Minister Dr. Harsh Vardhan?

Note: These green crackers have been developed by the National Environmental and Engineering Research Institute (NEERI), a CSIR lab.

At the first phase of producing green crackers focus was on reducing pollutants and then further strategies will cover to remove pollutants from the compositions. The team have come up with 3-4 formulations and looked at 30-40% of active materials which reduce particulate matter. Also, CSIR-CECRI has developed eco-friendly flower pots that can reduce particulate matter by 40%. CSIR-NEERI is testing the efficacy of crackers known as Bijli crackers. They have eliminated the use of ash as desiccants. They have developed potential sound-emitting functional prototypes that do not emit sulphur dioxide. All these are in testing stage. The crackers have been named as Safe Water Releaser (SWAS), Safe Thermite Cracker (STAR) and Safe Minimal Aluminium (SAFAL). The particulate matter will be reduced by 30-35 per cent in SWAS and 35 to 40 per cent in SAFAL and STAR.

150. to 155. Maths Workshop - Fun with Maths: 6/11/2019 to 9/11/2019: 40 Students and Parents



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156. School visit - 4 -Showing Experiments- Kumar Shala, Bakrol: 16/11/2019: 50 Students and Teachers



157. School visit- 5 - Showing Experiments- Anjuman High School: 20/11/2019: 50 Students and Teachers



158. State Level Competition NCSC- Teachers Meeting of Winners team: 20/11/2019: 7 Teachers



159. School visit - 6 - Showing Experiments- Anjuman Primary School: 21/11/2019: 70 Students and 1 Teachers



160. School visit - 7 - Showing Experiments- Bhalej High School: 21/11/2019: 125 Students and 1 Teachers



161. State Level Drama Competition at Gujcost at Bharad Vishwa Vidhyalay, Rajkot: 23/11/2019 and 24/11/2019: Approx. 400



162. CSC- Maths Club Meet: 23/11/2019: 8 People



163. School visit - 8 - Showing Experiments- Primary Girls School, Napa: 23/11/2019: 60 Students and Teachers



**164. School visit - 9- Showing Experiments-Primary School Khodiyarnagar: 25/11/2019:
50 Students and Teachers**



**165. School visit -10 - Showing Experiments- Primary School Meghva (gana):
28/11/2019: 20 Students and Teachers**



166. School visit - 11 - Showing Experiments- Adarsh School ,Napa: 28/11/2019: 70
Students 2 Teachers



**167. State Level NCSC Competition: 28/11/2019 and 29/11/2019: Approx. 600
Students and Teachers**



**168. School visit - 12 - Showing Experiments-Nagar Primary School no.33,
Bhaikakanagar: 29/11/2019: 50 Students and Teachers**



**169. A talk on Celebration of World Computer Literacy Day at Sarvajnik High School,
Piplav: 2/12/2019: 100 Students and 5 Teachers**

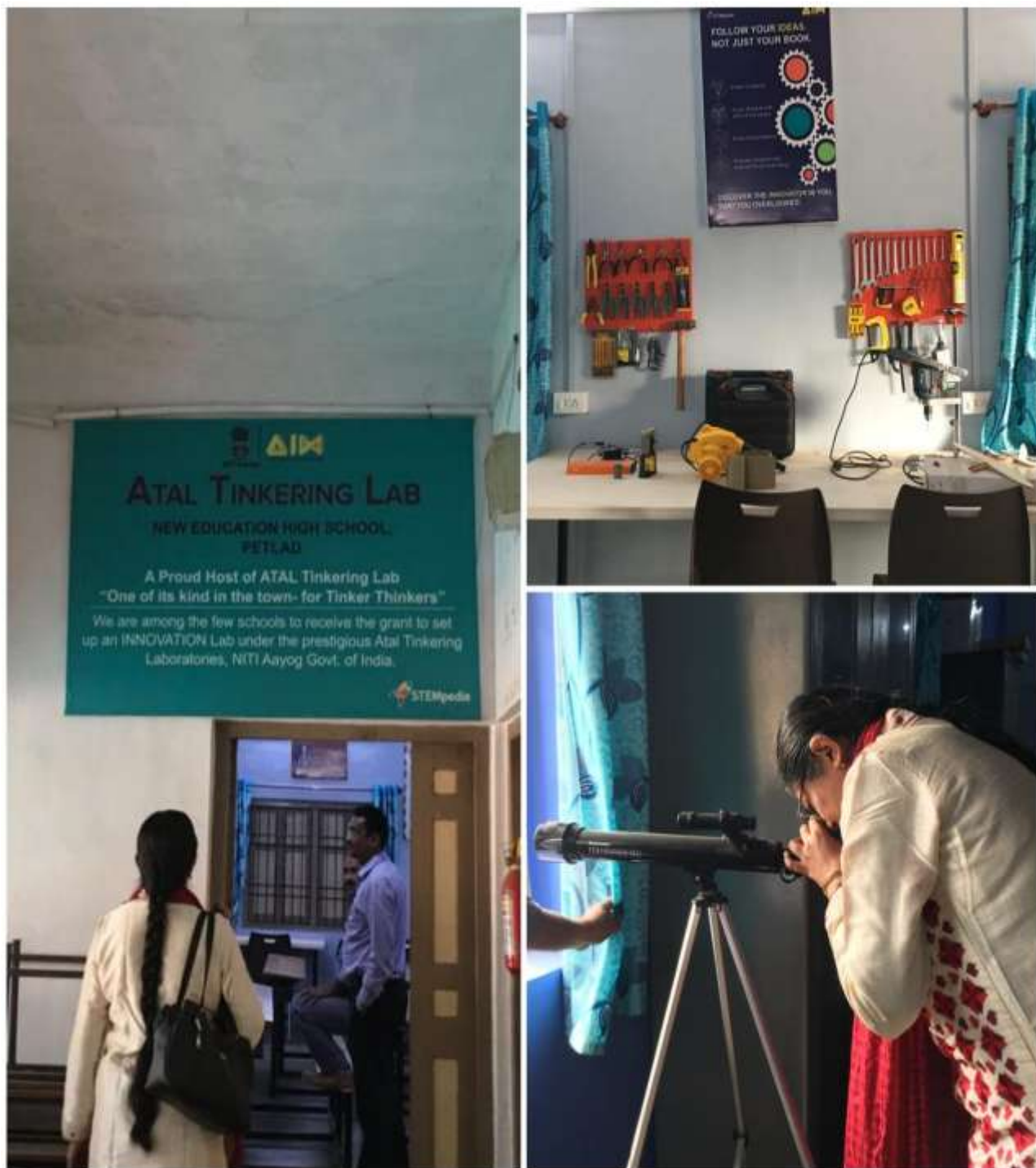


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170. Visit to the Atal Tinkering Lab at New Education High School, Petlad: 2/12/2019: 5 People



171. A talk on Celebration of World Computer Literacy Day at New Education High School, Petlad: 2/12/2019: 300 Students and 10 Teachers



172. A talk on Celebration of National Pollution Prevention day at Knowledge School (Higher secondary Section): 2/12/2019: 300 Students and 10 Teachers



**173. School visit - 13 - Showing Experiments-Primary School Ranchhodpure, Anklav:
3/12/2019: 50 Students, 3 Teachers**



**174. School visit - 14 - Showing Experiments-Primary School Ankavadi: 3/12/2019: 40
Students, 3 Teachers**



**175. School visit - 15 - Showing Experiments-Kanthariya Primary School, Anklav:
3/12/2019: 30 Students, 3 Teachers**



176. School visit -16 - Showing Experiments-Shri M.P.Patel & R.C. Patel secondary School, Bhetashi, Ankлав: 3/12/2019: 100 Students, 3 Teachers



177. School visit -17 - Showing Experiments- I.B.Patel Gujarati Medium School: 4/12/2019: 40 Students and Teachers



**178. and 179. School visit -18 -Showing Experiments-Primary Girls School, Kasor and
School visit - 19 - Showing Experiments-Primary School Khodiyarpura (Malataj):
5/12/2019: 100 students and teachers**



**180. and 181. School visit- 20- Showing Experiments-Ravali Primary School, Ravli and
School visit -21- Showing Experiments-Guteli Primary School, Guteli: 5/12/2019:100
students and teachers**

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**182. School visit - 22 -Showing Experiments- Primary Boys School-Tarapur: 6/12/2019:
60 Students and teachers**



**183. School visit -23 - Showing Experiments- Laxmipura Primary School- Khambhat:
6/12/2019: 40 Students and teachers**



**184. School visit -24 - Showing Experiments- Rampura Primary school, Anand :
7/12/2019: 40 Students and teachers**



185. School visit -25 -Showing Experiments- Jol Primary school , Jol: 7/12/2019: 120 Students and teachers



186. CSC- Khagol Mandal Meeting : 7/12/2019: 10 people



187. and 192. "Workshop on Single use Plastic Ban" at N.S.Patel Arts College, Anand :
11/12/2019: Approx. 180 People



આણંદ, તા.૧૨

સમગ્ર દેશભરમાં ૧ ડિસેમ્બર થી ૧૫ ડિસેમ્બર સુધી સ્વચ્છતા પાખવાડિયાની ઉજવણી કરવામાં આવી રહી છે. આ ઉજવણીમાં દેશભરના એન.સી.સી. કેડેટ્સ પણ કદમ થી કદમ મિલાવીને સહભાગી બની રહ્યા છે.

આણંદ જિલ્લામાં આવેલી ૪ ગુજરાત ગર્લ્સ બટાલિયનના કમાન્ડિંગ ઓફિસર કર્નલ રાજેશ યાદવના નેતૃત્વ અને માર્ગદર્શન હેઠળ તેમજ વિધાનગર નેચર કલબ, પી.છ. ડિપાર્ટમેન્ટ ઓફ હોમ સાયન્સ તથા એન.એસ.પટેલ આર્ટ્સ કોલેજ આણંદ અને કોમ્યુનીટી સેન્ટર વિધાનગરના સંયુક્ત ઉપક્રમે સિંગલ યુઝ પ્લાસ્ટિક ઉપયોગ ટાળવા તેમજ તેનો ઉપયોગ અટકાવવાના વિષય આધારિત વર્કશોપનું

વર્કશોપમાં વિદ્યાર્થીનીઓ અને કેડેટ્સને પ્લાસ્ટિકના વિકલ્પ સ્વરૂપ બનાવટોની સમજ અપાઈ

તાજેતરમાં આયોજન કરવામાં આવ્યું હતું.

આ વર્કશોપમાં શાળા-કોલેજની વિદ્યાર્થીનીઓ અને ૪ ગુજરાત ગર્લ્સ બટાલિયનની કેડેટ્સ દ્વારા પ્લાસ્ટિકથી માનવજીવન પર થતી અસરો, પર્યાવરણ તથા પ્રાણીઓ પર થતો કુમત્તાવ, પ્લાસ્ટિક ઉપયોગથી થતા વિવિધ રોગ અને મૃત્યુ જેવા વિષયો પર વ્યાખ્યાન તેમજ જાણકારી આપી હતી.

વર્કશોપમાં નમ્રતા કોલ દ્વારા પ્લાસ્ટિકના વિકલ્પ સ્વરૂપ હાથવણાટની થેલીઓ તેમજ અન્ય વિકલ્પો વિશે બનાવટોની સમજ આપી

હતી.

વી.પી.સાયન્સ કોલેજના પ્રાધ્યાપક રાજીવ ભટ્ટી દ્વારા ઉપસ્થિત તમામ વિદ્યાર્થીનીઓ, કેડેટ્સ તેમજ અગ્રણીઓને પ્લાસ્ટિક ઉપયોગ પ્રતિબંધ માટેના શપથ લેવડાવવામાં આવ્યા હતા.

આ વર્કશોપમાં જાણકારી મેળવીને વિદ્યાર્થીનીઓ અને ગર્લ્સ કેડેટ્સ દ્વારા પ્લાસ્ટિક વપરાશ બંધ વિષય આધારિત રેલી કાઢવામાં આવી તેમજ પ્લોગિંગ એટલે કે ચાલતા ચાલતા પ્લાસ્ટિક એકત્ર કરવા પર સમજ આપવામાં આવી હતી.

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193. Training and orientation Programme on Annular solar eclipse for B.Ed Students at M.B.Patel College of Education,spu: 11/12/2019: 300 Students and 10 Teachers



194. Half day training and orientation Programme on Annular solar eclipse GUJCOST at Science City , Ahemdabad: 15/12/2019: Approx. 300 People



195. Talk on Annular Solar Eclipse for School Students at Shri B.B.Patel Dabhau High School, Dabhau- Sojitra: 19/12/2019: Approx. 200 Students and Teachers



**196. Talk on Annular Solar Eclipse for School Students at N.K.High School, Petlad:
19/12/2019: Approx. 150 Studentas and Teachers**



**197. Talk on Annular Solar Eclipse for School Students at New Education High School,
Petlad: 19/12/2019: Approx. 200 Studentas and Teachers**



198. " Energy Conservation Demonstration Van" by Gujarat Energy Development Agency (GEDA), Rajkot at CVM Campus, V V Nagar: 20/12/2019: Approx. 600 Students and Teachers



199. "Energy Conservation Demonstration Van for V & C English medium School" by Gujarat Energy Development Agency (GEDA), Rajkot at CVM Campus, V V Nagar: 20/12/2019: Approx. 500 Students and Teachers

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200. " Energy Conservation Demonstration Van" by Gujarat Energy Development Agency (GEDA), Rajkot at Knowlwdge Campus - V.V.Nagar: 20/12/2019: Approx. 600 Students and Teachers



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**201. School visit - 26 - Showing Experiments- R.K. Vidhyalaya school, Petlad:
20/12/2019: Approx. 40 Students**



202. A Talk on Mathematics Day at Hadgud Pay centre Shala, Anand: 20/12/2019:
Approx. 330 Students





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203. " Energy Conservation Demonstration Van" by Gujarat Energy Development Agency (GEDA), Rajkot at Charotar Eng. Medium School, Anand: 21/12/2019: approx. 700 Students and Teachers



204. " Energy Conservation Demonstration Van" by Gujarat Energy Development Agency (GEDA), Rajkot at Department of Physics, SPU: 21/12/2019: approx. 100 Students and Teachers



સ.પ. યુનિ. ના લોક વિજ્ઞાન કેન્દ્ર ખાતે 'ઉર્જા મિત્ર વેન' નું નિદર્શન

આણંદ, તા. ૨૦
સરદાર પટેલ યુનિવર્સિટીના લોક વિજ્ઞાન કેન્દ્રમાં ૨ દિવસ માટે (૨૦, ૨૧ ડિસેમ્બર, ૨૦૧૯) જેડા (Gujarat Energy Development Agency) માંથી વિદ્યાર્થીઓના લાભાર્થે ઉર્જા મિત્ર (Energy Conservation Demonstration van) વેન આવેલ છે.

આ વેન તા. ૨૧ ડિસેમ્બર, ૨૦૧૯ના રોજ સવારે ૧૦.૩૦ થી બપોરે ૧૨.૩૦ સુધી ચરોતર ઈંગ્લિશ મીડિયમ, ડી.એન. કેમ્પસ આણંદ ખાતે પ્રદર્શન માટે ખુલ્લી મુકાયે.

ત્યારબાદ બપોરે ૧.૩૦ કલાકથી ૩.૩૦ કલાક સુધી સરદાર પટેલ યુનિવર્સિટીના ભૌતિક શાસ્ત્ર વિભાગમાં પ્રદર્શનાર્થે મૂકવામાં આવશે. આ વેનમાં

ઉર્જા સંરક્ષણ માટેના સાધનોનું નિદર્શન કરવામાં આવે છે. રાજકોટની એન્જિનિયરીંગ કોલેજના અધ્યાપક પ્રો. પ્રશાંતભાઈ ગોહેલ આ વેન ઘડી ઘરના ઈલેક્ટ્રિકલ એપ્લાયન્સમાં ઉર્જા બચાવ કેવી રીતે થાય તેની માહિતી આપશે. ઉર્જા સંરક્ષણ માટે સજાગ બનવા સહુને આ પ્રદર્શનનો લાભ લેવા લોક વિજ્ઞાન કેન્દ્રના માનદ્ સહ નિયામક ડૉ. વિજય પરમારે અખબારી યાદી દ્વારા અનુરોધ કર્યા છે.

Vaishya

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**205. Mathematics Meet-2019 at Charotar English Medium School, Anand: 21/12/2019:
approx. 100 Students and Teachers**



206. Talk on Annular Solar Eclipse for School Students at Undel High School, Ta. Khambhat: 23/12/2019: Approx. 800 Students and Teachers



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207. School visit - 27- Showing Experiments- Pay Centre Shala Sekhadi: 23/12/2019: 50
Students and Teachers



208. and 209. Talk on Annular Solar Eclipse for College Students at M.B.Patel Science College, Anand and P.M.Patel Science College, Anand: 23/12/2019: 100 Students and Teachers



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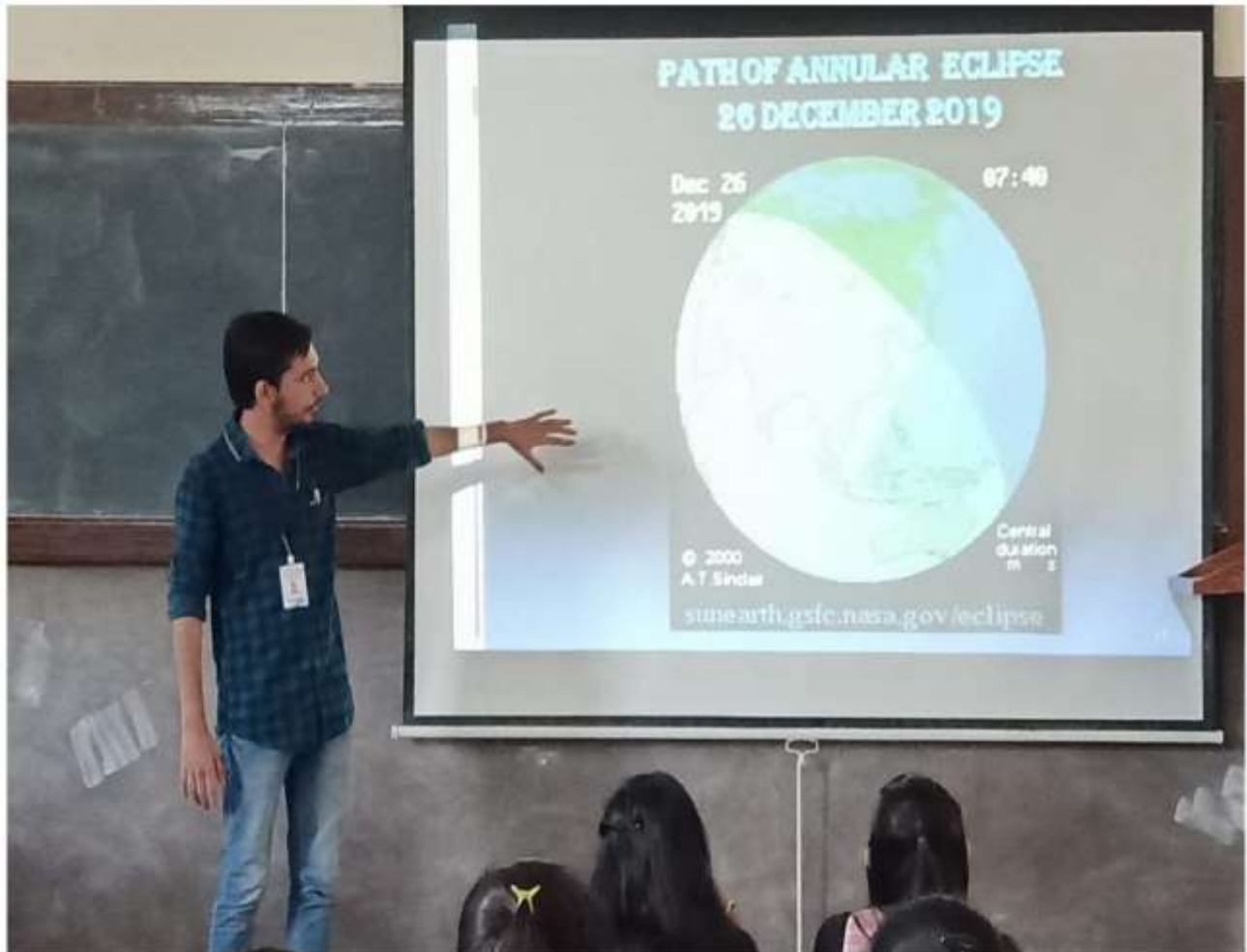
210. Talk on Annular Solar Eclipse for School Students at R.K. Vidhyalaya High School, Petlad: 23/12/2019: 150 Students, Teachers



211. School visit -28- Showing Experiments- Sardar Patel High School, Petlad: 24/12/2019: 50 Students Teachers



**212. Orientation Lecture on solar Eclipse at V.P. Science College , V.V.Nagar: 60
Students and Teachers: 24/12/2019**



213. Talk on Annular Solar Eclipse for College Students at Natubhai V. Patel College (NVPAS), V.V.Nagar: 24/12/2019: 40 Students and Teachers



214. Training Program for Eco-Clube Teachers at Social Forestry Division and Gir Foundation at Shapurji Hall: 24/12/2019: 100 Students and Teacher



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**215. Observation of Solar Eclipse at Physics Department, SPU: 26/12/2019: 600
Students , Teachers, Faculty and Perents**



216. TO 219. "Workshop on Solar Eclipse" at ADIT Engineering College , New Vidhyanagar: 26/12/2019: 600 Students , Teachers, Faculty and Perents



220. Observation of Solar Eclipse at M.B.Patel Science College ,Anand: 26/12/2019: 250 Students and Teachers



221. Observation of Solar Eclipse at V.P. Science College ,V.V.Nagar: 26/12/2019: 150 Students, Teachers



**222. Observation of Solar Eclipse For the R.K.Vidhyalay School, Petlad Students:
26/12/2019: 200 Students, Teachers**



**223. Observation of Solar Eclipse for the M.M.Patel Sarvajanic High School, Piplav
Students: 26/12/2019: 100 Students, Teachers**



**224. Observation of Solar Eclipse for the C.J. Patel Jay Jalaram High School, Vatav
Students: 26/12/2019: 150 Students, Teachers**



**225. Observation of Solar Eclipse for the N.K.High School, Petlad Students:
26/12/2019: 150 Students, Teachers**



**226. Observation of Solar Eclipse for the Dharmasingh Desai Technical High School,
Nadiad Students: 26/12/2019: 50 Students, Teachers**



**227. Observation of Solar Eclipse for the Shri R.K.Parikh and J.J.Patel High School, Napa
Students: 26/12/2019: 50 Students, Teachers**



**228. Observation of Solar Eclipse for the Primary Boys School, Rasnol Students:
26/12/2019: 50 Students, Teachers**



**229. Observation of Solar Eclipse for the Sardar Patel Vinay Mandir, Ode Students:
26/12/2019: 50 Students, Teachers**



**230. Observation of Solar Eclipse for the Shree Sarswati High School, Palaj Students:
26/12/2019: 50 Students, Teachers**



**231. Observation of Solar Eclipse for the Sarvodaya Vidhya Mandir, Nadiad Students:
26/12/2019: 40 Students, Teachers**



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**232. Observation of Solar Eclipse for the Ajudura High School, Anand Students:
26/12/2019: 30 Students, Teachers**



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233. CSC Maths Club Meet-2019 28/12/2019: 15 Students , Teachers, Perents



234. School visit -29- Showing Experiments- Valmiki Primary School: 30/12/2019: 40 Students and Teachers



235. Pariej Trip for Bird Watching at Pariej Lake –Tarapur: 5/1/2019: 80 Students, Teachers, Faculty, Parents



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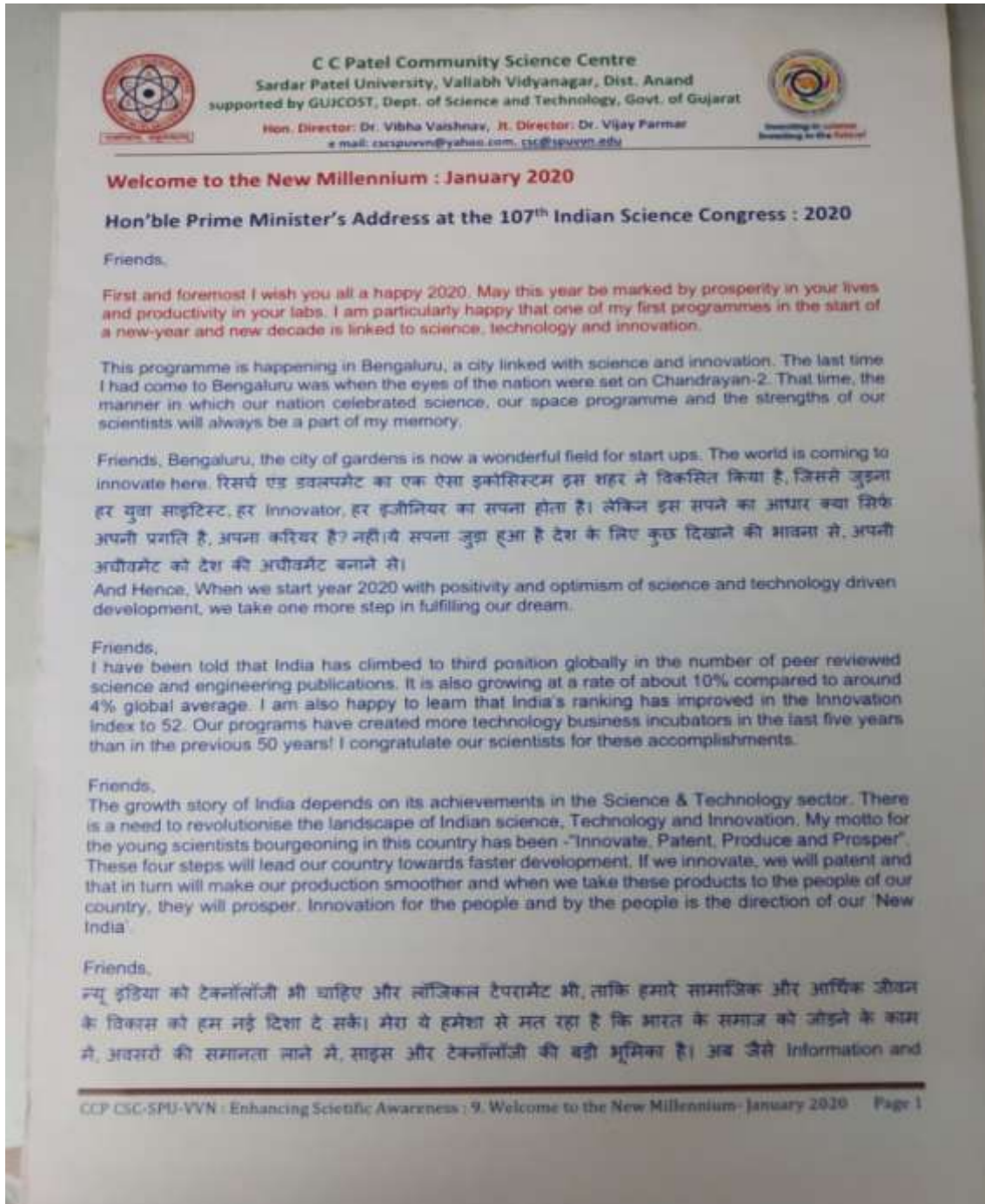
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- ✓ 37 Algi Gokarnani
- ✓ 38 Ishati Solanki
- ✓ 39 Shreyas Gokarnani
- ✓ 40 Hajar Sahel - 994634555
- ✓ 41 Dhruv Sahel - 922643009
- ✓ 42 Vijay Sahel
- ✓ 43 Dr. Vinay Rathi - 9790693713 - Anand
- ✓ 44 Sakshi Uthariya
- ✓ 45 Krunal Mukeshbhai Patel
- 51 - 7650/-

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236. e- Published "9 - Welcome to the New Millennium: January 2020" in Enhancing Scientific Awareness Series: 6/1/2019: 300 Students, Teachers, Faculty, Parents



**237. Workshop on "Science and Technology in driving vehicles and maintenance of traffic rules" at NSS Camp of V.P.Science College, V.V.Nagar,Pariej Lake -Tarapur:
7/1/2019: 80 Students and Teachers**



**238. Session on "Single use Plastic Ban" for the women of Swing class and Beauty parlour at Limbuvala School, Beauty Parlor and Sewing Class, Anand: 7/1/2019: 40
Students and Teachers**



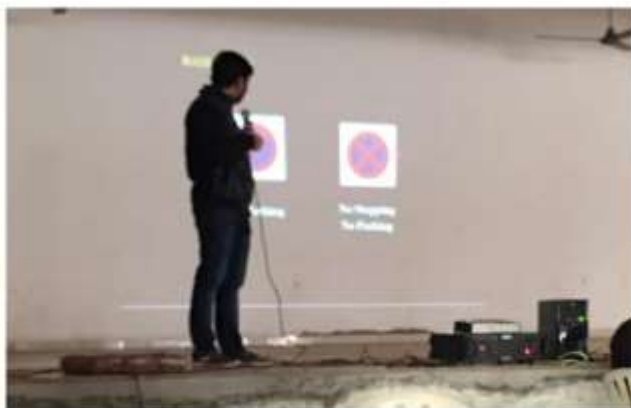
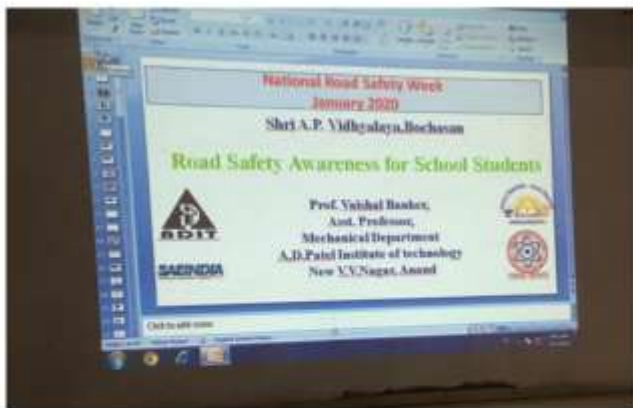
239. Lecture-presentation on " Road safety for school students " at Shri Shri Ravishankara Vidhya Mandir, Bakrol: 9/1/2019: 100 Students and Teachers



240. Talk on "Save Birds on Makarsankranti" at M.B.Patel College of Education, V.V.Nagar: 9/1/2019: 60 Students and Teachers



241. Talk on "Road Safety Awareness for School Student" at New Vidhyanagar, Shri A.P.Vidhyalaya, Bochasan : : 11/1/2019: 400 Students and Teachers



242. Visit to CSC by Gujcost Members: 17/1/2019: 15 People



243. Evaluation of prototypes at MHRD innovation Cell at N.V.Patel Science College, Vallabh Vidyanagar : 18/1/2019: 100 Students and Teachers



**244. Visit of CSC by Bhaikaka Nagar Primary School no.33, Bakrol: 20/1/2019: 60
Students and Teachers**



245. Presentation on "Road Safety Awareness for Youth" at NSS Camp, C.P.Patel & F.H.Shah Commerce College, Anand at Adas: 21/1/2019: 60 Students and Teachers



**246. Training workshop on Nature Education for Master Resource Persons of Gujarat
Gujcost, at Gujarat Forest Ranger College, Rajpipla, Narmada: 22/1/2019: 50 Students
and Teachers**



**247. Presentation on "Road Safety Awareness for School Students" at Shri R.F.High
School, Vadadla, Taluka-Petlad: : 23/1/2019: 100 Students and Teachers**

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248. CSC- Maths Club Meet: 25/1/2019: 7 Students and Teachers



**249.and 250. Visit to CSC by M.B.Patel College of Education, SPU: 29/1/2019: 30
Students and Teachers**



251. Visit to CSC Surendranagar: 31/1/2020: 04 people



252 and 253. Visit of CSC by Zen School: 4/2/2020: 300 Students and 5 Teachers



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254. Meeting of the CSC Advisory and Purchase Committee: 4/2/2020: Committee Members: 20



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255. Visit to CSC By Nagar Primary School No. 2, Anand: 6/2/2020: 80 Students and Teachers



256. Experiments of Physics: Lecture / Demonstration for UG Students " at V.P& R.P.T.P Science College : 8/2/2020: 200 Students and Teachers



257. Experiments of Physics: Lecture / Demonstration for PG Students” at Department of Physics, SPU: 8/2/2020: 150 Students and Teachers



258. Radio Talk at Radio Station, SPU: 8/2/2020: 5 people



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259. Visit to CSC by Dr. T.R.Ananthakrishnan and Member: 8/2/2020: 5 people



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260. Science Fair Stall at Surya International School, Petlad: 10/2/2020: 300 People



Dr. Rishu

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261. and 262. Visit to CSC by Sadanapura Primary School, Samrkha: 17/2/2020: 120 Students



263. A Session on Reptile Education for Girl 's school, Bakrol at Girls School ,Bakrol: 18/2/2020: 50 Students and Teachers

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264. to 267. Science Carnival-2020 at V.P. & R.P.T.P. Science College: 19/2/2020: 150 Participants



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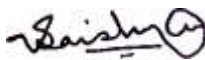


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		V.P. & R.P.T.P. Science College Vallabh Vidhyanagar Science Carnival 2020 19-02-2020	  
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PPT PRESENTATIONS







No.	College	PPT NO.	Participant	Roll No	Sem	Mobile No	Department	Signature	Certificate
1	MBPAS	09	✓ Kavita N Parvani	511	4	6354701854	Microbiology		
2	NVPAS	12	✓ Jagruti Jangale	176	6	7698369244	Appl. Physics		
3	NVPAS	11	Monank Patel	164	6	7096406544			
4	NVPAS	13	✓ Shashank Jha	190	6	9340865593	Biotech.		
5	VP	10	✓ Priyankumar N Bhoi	161	4	7574099207	Physics		
6	VP		Roha S Patel	165	4	7046697711	Physics		
7	VP	05	✓ Ash A Soni	399	6	8780527430			
8	VP	02	✓ Shvansh K Shukla	173	4	9265327830	Physics		
9	VP	17	✓ Sanvi Dave	285	6	9879863677			
10	VP	20	✓ Manali D Andariva	149	4	9574707146	Physics		
11	VP		Kartik Mistry	621	6	7284906021	IC (Voc)		
12	VP		Shruti Patel *	320	6	9106691172			
13	VP		✓ Hareshbhai R Jadhav	141	4	7096512572	Physics		
14	VP	19	Sahel N. Sharma	442	4	8140363060	IC (Trad.)		
15	VP	03	Faizanahmed Y Mirza	139	4	9574551606	Physics		
16	VP		Anjali Sanghavi	125	4	9825274393	Physics		
17	VP	08	Isha D Kachhiya	487	2	9328490544			
18	VP	07	✓ Krpita Thalakar	673	4	7285034301	BiD		
19	VP	04	✓ Parth Vyas (B.A)				B.A		
20	VP	06	✓ Anshuvar C Valand	676	4	9924662369	Bio		
21	VP	15	✓ Humaira Patel	684	4	7203462463	Bio.		






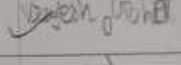
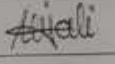




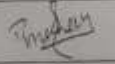

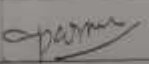




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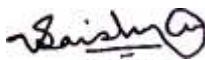


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			V.P. & R.P.T.P. Science College Vallabh Vidhyanagar Science Carnival 2020 19-02-2020				44
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PHYSICAL SCIENCE : WORKING MODEL PRESENTATIONS

No.	CLG	SUB	Title of Working Model:	P 1	P 2	P 3	Roll No	Sem
1	A13/PM	PHY	Smart city & Non Stop Wheel Rotation	Anurag V Pandey	Yash P Patel	Hardikkumar J Parmar	606	2
			Signature					
2	VPM	PHY	Physics Concept A6	Amisha Gohil	Margi Solanki	0	123	4
			Signature					
3	VPM	PHY	Touch Sensor A8	Anam M Kazi	Vidhnav B Vaghela	0	124	4
			Signature					
4	A14/PM	EL	Robotics LDR CAR	Anjali Sanghavi	Rona Patel		125	4
			Signature					
5	VPM	INST	Flow meter using Arduino A3	Anuj V Patel	Savani Balधा	0	701	6
			Signature					
6	VPM	PHY	3D Education A5	Priyankkumar N Bhoj	Sanil P.Chunara	Hareshbhai R.Jadav	161	4
			Signature					
7	VPM	PHY	Vibration pattern A19	Daxesh Parmar	Himani Parmar	Shruti Rana	130	4
			Signature					
8	VPM	PHY	Hydraulic robotic arm A16	Dhwani Soni	Rupa Odedara	Vishva Dave	138	4
			Signature					



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No.	CLG	SUB	Title of Working Model:	P 1	P 2	P 3	Roll No	Sem
9	VPM	PHY	Application of Physics	Helly A Brahmbhatt	Aniket	0	342	2
			Signature					
10	NVPAS	PHY	Production of Electrical Energy	Hetvi Ganatra	0	0	32	2
			Signature	<i>Ganatra</i>				
11	A1 VPM	INST	Home Automation Using Google Assistant	Himanshu Varia	Menthan Patel	Yatrik Patel	705	6
			Signature	<i>Himanshu</i>	<i>Menthan</i>	<i>Yatrik</i>		
12	A20 VPM	PHY	Roboarm	Jay Baraiya	Hasmukh Nandwana	Nakul H Nandola	184	4
			Signature	<i>Jay</i>	<i>Hasmukh</i>	<i>Nakul</i>		
13	A2 VPM	INST	LI-FI Project	Nagar R Thaker	Keyurkumar Amin	0	706	6
			Signature	<i>Nagar</i>	<i>Keyur</i>			
14	A15 VPM	PHY	Water to Hydrogen Converter -	Meet R Detroja	Barvik V Sojitra	0	427	4
			Signature	<i>Meet</i>	<i>Barvik</i>			
15	A18 NVPAS	PHY	Simulation of Projectile Motion using Gauss Rifle	Milan M Soneri	Jagruti Jangale	Monank Patel	168	6
			Signature	<i>Milan</i>	<i>Jagruti</i>	<i>Monank</i>		
16	A21 VPM	INST	Bluetooth control robot car	Muskan Malek	Krishna Patel	0	714	6
			Signature	<i>Muskan</i>	<i>Krishna</i>			
17	A10 VPM	PHY	Piezoelectric effect	Nehal J Prajapati	Mansi Thakkar	Shivam Panchal	95	2
			Signature	<i>Nehal</i>	<i>Mansi</i>	<i>Shivam</i>		
18	VPM	PHY	Automatic Street Light	Priya Parmar	Devangi Patel	0	160	4
			Signature					

Sanishu

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No.	CLG	SUB	Title of Working Model:	P1	P2	P3	Roll No	Sem
19	VPM	PHY	Projector A22	Vishva Shah	Medha Sinha	Jasvi Barad	709	2
			Signature	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>		
20	MBPAS	PHY	Angular Velocity of Earth A12	Jaykumar N Bhoi	0	0	7026	6
			Signature	<i>[Signature]</i>				
21	ST XVAHMD	PHY	Working of Diffusion Chamber A17	Jaykumar D Patel	Kishan V Malaviya	0		6
			Signature	<i>[Signature]</i>	<i>[Signature]</i>			
22	All VPM	PHY	OPTICAL ILLUSION A11	DARSI SHUBHAM	NACHHI	SOLANKI	409	2
			SARV DURE	[Signature]	[Signature]	[Signature]		
23	VPM	PHY	HYDRAULIC FIRE ALARM A4	MAKHWANA VARSHA	UMANJLI	PRIYANSHU	144	2
			[Signature]	[Signature]	[Signature]	[Signature]		
24	VPM	ELE	Traffic Light A7	MAYANK S. MISHRA	NIRMAL	SOLANKI	416	6
			[Signature]	[Signature]	[Signature]	[Signature]		

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[Signature]
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Vallabh Vidyanagar
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BIOLOGICAL SCIENCE : WORKING MODEL PRESENTATIONS

No.	CLG	SUB	Title of Working Model:	P1	P2	P3	R. No	Sem	M.N I
1	VPM	MC	A natural antibacterial solution using Ayurveda	Dhruv Valand	Jagnuti Bhagat	Dara Patel	445	6	9426621509
			Signature	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>			
2	NVPAS	LS	Leaf surface moisture detector	Divya M Vora	0	0	223	4	9664916810
			Signature	<i>[Signature]</i>					
3	VPM	MC	Generate electricity by microbes with application	Mohit Agrawal	Taekim Khan	Priya Ronny	302	6	9712551828
			Signature	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>			
4	MBPAS	MC	Working model of DNA replication	Vishwa Shingadia	Rutvi Dhorawala	0	764	6	9904556210
			Signature	<i>[Signature]</i>	<i>[Signature]</i>				
5	VPM	BD	Hydroponic Farming	Piyushkumar S Patel	Kamleshkumar N Mesara	0	546	6	9574114842
			Signature	<i>[Signature]</i>	<i>[Signature]</i>				
6	VPM	B30	Forest fire	Haziom V. Patel	Shofali J. Patel	Ronak	637	4	76492617903
7	VPM	200	TARDIGRADE	SOHAM M RATHOD	HIRAL D CHAUDHAN	Patel Pankaj ANSHU SINGH	692		740342040

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Science Carnival 2020 19/02/2020


No.	Model No.	Name	College	Class	Roll No.
Category A: Physical Science					
1	A16	Dhruvi Soni Hydrate Robot A11	VPM	57 th	138
2	A18	M. I. An M. Sonani Sushila M. Sonani Munira Sultan Ganesh K. K. R.	NVPAS	71 th	168
Category B: Chemical Science					
1	B36	Mohammed Saif S. Mulek Biodominance Sangita	VPM	71 th 30	373
2	B31	Dhruvi Soni Periodic Table Minakshi Vanzara	VPM	71 th 30	28
Category C: Biological Science					
1	C5	Pratiksha S. Mital Hydroponic Farming Kamleshwar A. Mehta	VPM	71 th	546
2	C2	Divya A. Vora Leaf Science Mridula Chelani	NVPAS	57 th	223
Category D: Mathematical Science					
1	D1	Chhavi Vanzara Geometric Application Ch. D. S. P.	VPM	57 th	206
2	D4	Pratiksha S. Mital The Beauty Riya Singh	VPM	57 th	249



Raishu

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**V.P. & R.P.T.P. Science College**
Vallabh Vidyanagar
Science Carnival 2020
19/02/2020

RESULTS: IDEATHON Topic: Innovative ideas in science
Intercollegiate Power Point Presentation Competition:

Group 1 (1-10)

Position	PPT No.	Name	College	Class	Roll.No.
1	03	Faizanahed Y. Mizza	VP	9 th	139
2	07	Aspita Thakel	"	"	673

Group 2 (11-20)

Position	PPT No.	Name	College	Class	Roll.No.
1	13	Shashank Sha	NVPAS	6 th	190
2	15	Hasmita Patel	VP	4 th	639


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Vallabh Vidyanagar



**268. Science Quiz for School Students at Personal Care School: 20/2/2020: 150
Participants**



269. to 271. Essay Competition for the undergraduate and post graduate students of the Faculty of Education : 21/2/2020: 28 Participants

Essay Competition

An Essay competition for the undergraduate and post graduate students of Faculty of Science of Sardar Patel University and its affiliated colleges has been organized jointly with C.C. Patel Community Science Centre, Sardar Patel University (supported by Gujcost, Govt. of Gujarat).

Topics of the Essay Competition:

- Science and Spirituality: વિજ્ઞાન અને આત્માત્મ
- Inculcating scientific temper in young minds: A call and a boon! યુવામનસમાં વૈજ્ઞાનિક ભલિનમનુ સંવર્ધન: એક અવાહન અને પડકાર
- Social transformation through applications of Science in today's world: વિજ્ઞાન દ્વારા વર્તમાન સમયમાં સમાજ નવરચના
- Learning that stays a step ahead of "Google" એવું ભણતર જે "Google"થી એક સગવું આગમ રહે છે

Word limit of essay is 3000 words. All the participants will receive Certificates of Participation. The winners (separate category for undergraduate and post graduate students) will be awarded Certificates of Appreciation and cash prizes. (First prize: Rs. 1,000, Second prize: Rs : 750, Third prize: Rs. : 500) The prize-winning essays will be put on the web page of Sri Aurobindo Chair of Integral Studies, Sardar Patel University.

The participant can submit their entries to any of the following:

- **Hon. Director**, Community Science Centre, University-Bakrol Road, Vallabh Vidyanagar
- Participant can also mail a scanned copy to SriAurobindochair@gmail.com latest by **18.00 hrs on 21st February, 2020**. Participant should mention one's name, contact no and address, course pursuing, the year of study and roll number on the first page.

Dr. Vibha Vaishnav Hon. Director Community Science Centre	Dr. Bhalendu Vaishnav Chairperson Sri Aurobindo Chair of Integral Studies	Dr. Vijay Parmar Hon. Jt. Director Community Science Centre
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Essay Competition

An Essay Competition has been organized for the undergraduate and post graduate students of the Departments of Humanities and Social Sciences of Sardar Patel University and its affiliated colleges, jointly with the C. C. Patel Community Science Centre (supported by Gujcost, Govt. of Gujarat) as per the following details:

Topics of the Essay Competition:

- All life is yoga : સમગ્ર જીવન યોગ છે.
- True self-development in a competitive world of education: Challenges and solutions: સ્પર્ધાતંત્ર વિશ્વ શિક્ષણવ્યવસ્થામાં સર્વાંગી વ્યક્તિત્વ વિકાસ
- Be the change that you want to see in the World : તમે વિશ્વમાં જે ફેરફાર ઇચ્છો તમા છો તે બની રહો

Word limit of essay is 3000 words. All participants will receive Certificates of participation. The winners (separate category for undergraduate and post graduate students) will be awarded Certificates of appreciation and cash prizes. (First prize: Rs. 1,000 , Second prize: Rs : 750, Third prize: Rs. : 500) The prize-winning essays will be put on the web page of Sri Aurobindo Chair of Integral Studies, Sardar Patel University.

The participant can submit their entries to any of the following:

- **Prof. Param Pathak**, Professor and Head, P.G. Department of Gujarati, Humanities Building
- **Dr. Vibha Vaishnav**, C. C. Patel Community Science Centre, Sardar Patel University, Vallabh Vidyanagar
- **Prof. Rajesh Karia**, Arts, Science and R.A.Patel College, Bhadrach
- Participant can also mail a scanned copy to SriAurobindochair@gmail.com latest by **18.00 hrs on 21st February, 2020** mentioning one's name, the course, the year of study and roll number.

Vallabh Vidyanagar

Essay Competition

An Essay Competition has been organized for the undergraduate and post graduate students of the Faculty of Education of Sardar Patel University and its affiliated colleges, jointly with the C. C. Patel Community Science Centre (supported by Gujcost, Govt. of Gujarat) as per the following details:

Topics of the Essay Competition:

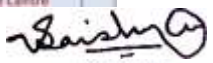
- True place of a teacher in computer age : કમ્પ્યુટર યુગમાં શિક્ષકનું સાવું સ્થાન
- Stress-free education: A challenge and an obligation: તનતણખુદત શિક્ષણ : એક પડકાર અને એક દાવિયા
- Value education: મૂલ્યોનું શિક્ષણ
- Educational Innovations combining Science and Humanities: વિજ્ઞાન અને સમાજશાસ્ત્રના સમન્વય દ્વારા શિક્ષણમાં નવનીકરણ

Word limit of essay is 3000 words. All participants will receive Certificates of participation. The winners (separate category for undergraduate and post graduate students) will be awarded Certificates of appreciation and cash prizes. (First prize: Rs. 1,000 , Second prize: Rs : 750, Third prize: Rs. : 500) The prize-winning essays will be put on the web page of Sri Aurobindo Chair of Integral Studies, Sardar Patel University.

Participants can submit their entries to any of the following:

- **Dr. Neepa Bhanotia**, Associate Professor, M.B.Patel College of Education, Sardar Patel University, Vallabh Vidyanagar
- **Dr. Param Pathak**, Professor and Head, P.G. Department of Gujarati, Humanities Building
- **Dr. Vibha Vaishnav**, Associate Professor, P.G Department of Electronics, Sardar Patel University, Vallabh Vidyanagar
- Entry can also be mailed to SriAurobindochair@gmail.com latest by **18.00 hrs on 21st February, 2020** mentioning one's name, the course, the year of study and roll number.

Dr. Vibha Vaishnav Hon. Director Community Science Centre	Dr. Bhalendu Vaishnav Chairperson Sri Aurobindo Chair of Integral Studies	Dr. Vijay Parmar Hon. Jt. Director Community Science Centre
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Sardar Patel University
Vallabh Vidyanagar



272. Science Quiz for School Students at Jol Primary School, Jol: 24/2/2020: 35 Students, Teachers



273. Science Quiz for School Students at Khodiyarnagar Primary School, Jol: 25/2/2020: 40 Students, Teachers



274. Bird Nest Competition at Sajana talavdi School, Karmsad: 26/2/2020: 50 Students and Teachers



275. Competition of Rangoli on Science at N.V.Patel College, V.V.Nagar: 26/2/2020: 50 Students and Teachers



276. Science Fair at Daxinamurti: 27/2/2020: 250 Students and Teachers



**277. Learning Maths through Models at Kasturba Kanya Vidyalaya, Anand: 28/2/2020:
150 Students and Teachers**



278. Learning Maths with Fun at Vimal Mariam School, Gamdi: 28/2/2020: 200 Students and Teachers



279. Science Fair at Gojo Sarda Mandir: 28/2/2020: 100 Students and Teachers



**280. An Expert talk on "Indian Eye in the sky" by a female Scientist of ISRO: 29/2/2020:
100 Students and Teachers**



281. CSC Maths Club Meet29/2/2020: 10 People



282. Science Carnival -2020 at Gujarat Council of Science City, Science City: 28/2/2020 to 1/3/2020: 2000 People



283. Celebration of Women's Day at Batinda village by shri Bhaikaka Gov. Arts and Commerce College: 8/3/2020: 100 Students and Teachers



284. Online Quiz:31/3/2020: 60 Participants

C. C. Patel Community Science Centre

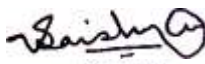
 **Sardar Patel University** 

(Anand Dist., supported by Gujcost Gandhinagar)

સી. સી. પટેલ લોક વિજ્ઞાન કેન્દ્ર, સરદાર પટેલ યુનિવર્સિટી વિજ્ઞાનપ્રેમી વિદ્યાર્થીઓ માટે ઓનલાઇન ક્વિઝ રજૂ કરે છે. આ ક્વિઝમાં ભાગ લેવા વિદ્યાર્થીઓએ નીચે આપેલ QR Codeને સ્કેન કે QR Code પર ક્લિક કરવાનું રહેશે. ક્વિઝમાં નામ માંગે ત્યારે તમારે તમારું નામ લખવાનું રહેશે.



For more visit our blog:
<https://cscanand.blogspot.com/2020/03/2.html>



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285. CSC has installed rain water harvesting, it is functional since 7 years : 21/4/2014



286. Demonstration of Energy saving kit



287. Intallation of Shram-dan Bicycle- an eco-friendly power generation system



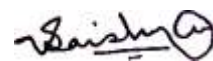
288. Installation of Solar operated streetlight



285. Installation of Solar powered automatic "Series" at CSC



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