

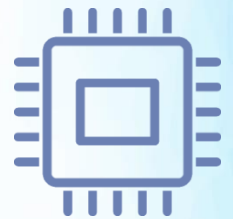


A.V.PAREKH TECHNICAL INSTITUTE RAJKOT

Tech Chronicle 3

AVPTIans' Vision on Platter

Newsletter , January-June,2024





A.V.PAREKH TECHNICAL INSTITUTE

About the Institute

Amrutlal Virpal Parekh Technical Institute, popularly known as AVPTI, was established in 1948 by a generous donor of that era Sheth Amrutlal Virpal Parekh. The courses like Wireless Telegraphy got introduced for the first time in this campus in the whole country. The institute has District Innovative Centre and SSIP Regional Centre for the Saurashtra and Kutch Region. The Institute shares its expertise with the engineers coming up with innovative ideas and upscales all the resources to convert their dreams into reality. Institute assists not only technically and financially but also supports the patent filing process. With all these consistent efforts and contribution, the institute has become an apple in the eyes of the society.

- • ----NBA Accredited Courses --- • ----**
- -- **Computer Engineering** -- • -- **Electrical Engineering** -- •
 - -- **Bio-Medical Engineering** -- • --
 - -- **Computer Aided Costume Design & Dress Making** -- •

Diploma Engineering Intake: Programme wise

Programmes	Sanctioned Intake
Biomedical Engineering	60
Computer Aided Costume Design & Dress Making	30
Computer Engineering	180
Electrical Engineering	150
Electronics & Communication Engineering	60
Instrumentation & Control Engineering	60
Information & Communication Technology	60
Renewable Energy Engineering	30



Directorate of Technical Education Gandhinagar - Gujarat

Vision

- ☞ To provide globally competitive technical education;
- ☞ Remove geographical imbalances and inconsistencies;
- ☞ Develop student friendly resources with a special focus on girls' education and support to weaker sections;
- ☞ Develop programs relevant to industry and create a vibrant pool of technical professionals.



A.V.PAREKH TECHNICAL INSTITUTE

Vision

“To cater skilled engineers having potential to convert global challenges into opportunities through embedded values and quality technical education.”

Mission

A. V. Parekh Technical Institute is committed to

M1: Impart quality technical education and prepare diploma engineering professionals to meet the need of industries and society.

M2: Adopt latest tools and technologies for promoting systematic problem-solving skills to promote innovation and entrepreneurship.

M3: Emphasize individual development of students by inculcating moral, ethical and life skills.

A.V.PAREKH TECHNICAL INSTITUTE

Message from Principal's Desk

"Education is the key to unlocking the door to your future. Every lesson you learn, every challenge you overcome, and every effort you put into your studies shapes the person you will become. Remember, success isn't just about grades; it's about perseverance, curiosity, and the willingness to grow. Stay committed to learning, because education empowers you to dream big, achieve greatness, and make a meaningful difference in the world."



It is a matter of immense pleasure to roll out newsletter from one of the education pioneer institutes of Saurashtra Zone - AVPTI. In this newsletter prime activities of all the Departments of the Institute are highlighted.

The newsletter incorporates briefing of co-curricular and extra-curricular activities, executed in the past 6 months, like workshops, seminars, expert talks, industrial visits, SSIP programs, faculty development programs, articles on current trends and so on to equip the students as well as faculties to acquire the skills and expertise as per the demand of the current times.



TECH CHRONICLE 3

(JANUARY 2024 – JUNE 2024)

A.V. PAREKH TECHNICAL INSTITUTE

About Team

Co-ordinators

- R. D. Panchal (Electrical Dept.)
- A. K. Panchasara (Computer Dept.)

Editors

- D. S. Pathak (Computer Dept.)
- C.K. Vyas (Electrical Dept.)

Members

- R.B.Jani (E.C. Dept.)
- A.B.Bhatt (Bio-Medical Dept.)
- N. M. Khant (C.A.C.D.D.M. Dept.)
- R.M.Pathak (I.C. Dept.)
- G.B.Harnesha (General Dept.)
- C.C.Shah (Electrical Dept.)

A.V.PAREKH TECHNICAL INSTITUTE

About Students' Team

Computer Engineering	<ul style="list-style-type: none">• Vakhariya Bhavarth• Maheta Mahek
Electrical Engineering	<ul style="list-style-type: none">• Malakiya Rajendra• Chavda Jimil
EC	<ul style="list-style-type: none">• Nirmal Neel• Paras Desai
Bio Medical	<ul style="list-style-type: none">• Pipariya Dishangi• Ghodadara Pratik
CACDDM	<ul style="list-style-type: none">• Muliya Shreya• Parmar Vishwa
IC	<ul style="list-style-type: none">• Makwana Dharmesh• Parmar Deep

E.C Department

Co-curricular Activity : Youth Addressing

Prime Minister Narendra Modi will participate in 'India's Techade: Chips for Viksit Bharat' and lay the foundation stone of three semiconductor projects worth about Rs 1.25 lakh crore. The PM will also address the youth across the country on the occasion on 13-3-24.




E.C. Department

Faculty Achievement:

EC department staff Mr. B B Kathiriya achieved Ph.D degree on Optimization of spectrum sensing in Cognitive radio for multi hop network on 28-5-2024. EC department heartily congratulates Dr. B B Kathiriya for his achievement.



 **GUJARAT TECHNOLOGICAL UNIVERSITY**
(Established Government of Gujarat under Gujarat Act No. : 20 of 2007)
(Accredited with A+ Grade by NAAC)
ગુજરાત ટેકનોલોજીકલ યુનિવર્સિટી
(ગુજરાત સરકારના ગુજરાત અધિનિયમ ક્રમાંક : ૨૦/૨૦૦૭ દ્વારા સ્થાપિત)

GTU/PhD/Thesis/Notification/2024/ ૫૩૩૧ Date: ૨૮/૫/૨૦૨૪


DOCTOR OF PHILOSOPHY
NOTIFICATION NO.:૩ / 2024

It is hereby notified that the University, after considering the reports of the examiners concerned, has accepted the thesis submitted by the following research scholar:

Name of Research Scholar : Kathiriya Bhaveshkumar Babubhai
Enrollment No. : 189999915013
Branch Name : Electronics & Communication Engineering
Title of Thesis : Optimization of Spectrum Sensing in Cognitive Radio for Multi-Hop Network
Name of Supervisor : Dr. Keraliya Divyesh Rudabhai
Date of Viva – Voce : 15-05-2024
Entered Register Page No. : 113, Sr. No. : 593


The University declares Kathiriya Bhaveshkumar Babubhai eligible for award of the degree of "Doctor of Philosophy" (Ph.D.) of Gujarat Technological University, Ahmedabad.

The above notification is issued in accordance with order of Hon'ble Vice Chancellor.


Registrar

Copy forwarded with complements to:

1. Kathiriya Bhaveshkumar Babubhai, Block No. 66, Kastury Residency, In Ambika Township, Jivraj Park, Nana Mava Road, Rajkot-360005



Winner of : "4 Star rating in GSIRF (Gujarat State Institutional rating Framework) Published by KGC, Dept. of Education Govt. of Gujarat" ♦ "GTU Ranked 71 in Pharmacy Category in NIRF-2023" ♦ "Green University Accreditation in Platinum Ranking for 2021-2023" ♦ "1st rank Among All Universities in Gujarat 2020 by Uni Rank"



Head Office : GTU Campus, Nr. Visat Three Road, Visat-Gandhinagar Road, Chandkheda, Ahmedabad-382424, Gujarat, India.
Ph : +91 079-23267521/570 e-mail : info@gtu.ac.in Website : www.gtu.ac.in



E.C. Department

Faculty Achievement:

E.C. Department Staff Mr. R S Tanna received an award of Research Grant for Research Promotion under Technical Education- STEM. Department heartily congratulates Prof. R S Tanna for his achievement.

	Commissionerate of Technical Education, Gujarat State કમિશનરશ્રી ટેકનિકલ શિક્ષણની કચેરી, ગુજરાત રાજ્ય	
બ્લોક નં-૨ -ડી કર્મયોગી ભવન, છબ્રો માળ, સેક્ટર ૧૦એ, ગાંધીનગર-૩૮૨૦૧૦	6 th Floor, Block No. 2-D, Karmayogi Bhavan, Sector 10-A, Gandhinagar - 382 010.	
☎ : (079) 232 53546 URL : https://dte.gujarat.gov.in	FAX : (079) 232 53539 Email : dire-dte@gujarat.gov.in	
NO:-CTE/Research Promotion-STEM/LA/2023-24/ ૨૨૭૨		21 FEB 2024

To,
Rashmin S Tanna
EC Engineering
A.V. Parekh Technical Institute,
Rajkot

Sub: Award of Research Grant for Research Promotion under Technical Education-STEM

Ref: 1) શિક્ષણ વિભાગનો તા.૧૭/૧૨/૨૦૨૦નો ઠરાવ ક્રમાંક:ટીઈએમ-૧૦૨૦૨૦-૧૨૭૬-સ

2) શિક્ષણ વિભાગનો તા.૨૦/૦૨/૨૦૨૩નો ઠરાવ ક્રમાંક:ટીઈએમ-૧૦૨૦૨૦-૧૨૭૬-સ

Dear Sir,

Warm Greeting from Commissionerate of Technical Education, Gandhinagar.

With reference to your project proposal and subsequent presentation before the Approval Committee on 23/01/2024, Commissionerate of Technical Education, Gandhinagar is having the great pleasure to inform you that your research proposal has been conditionally accepted as per the following details.

Name of Principal Investigator	Name of Principal Collaborator	Research proposal Title	Sanctioned Budget
Rashmin S Tanna EC Engineering A.V. Parekh Technical Institute, Rajkot	Dr. Chandulal H Vithalani L.D. College of Engineering, Ahmedabad	Self-powered and IoT-based wearable sensor system to track and classify movement patterns of lower limb during rehabilitation exercises for medical purposes.	2 Lakh

The research grant of Rs. 2 Lakh will be sanctioned in accordance with modalities and guidelines of the Research Promotion under Technical Education-STEM GR.

The disbursement of the grant will be done as per the following conditions:

- 1) The Letter of Undertaking has to be signed by the principal investigator and head of the institute and send the same to this office within seven working days.
- 2) The research grant will be disbursed through IFMS portal to DDO of the institute
- 3) The disbursement of the research grant will be done as per the GR conditions.

With best regards,


Joint Director

Commissionerate of Technical Education, Gandhinagar

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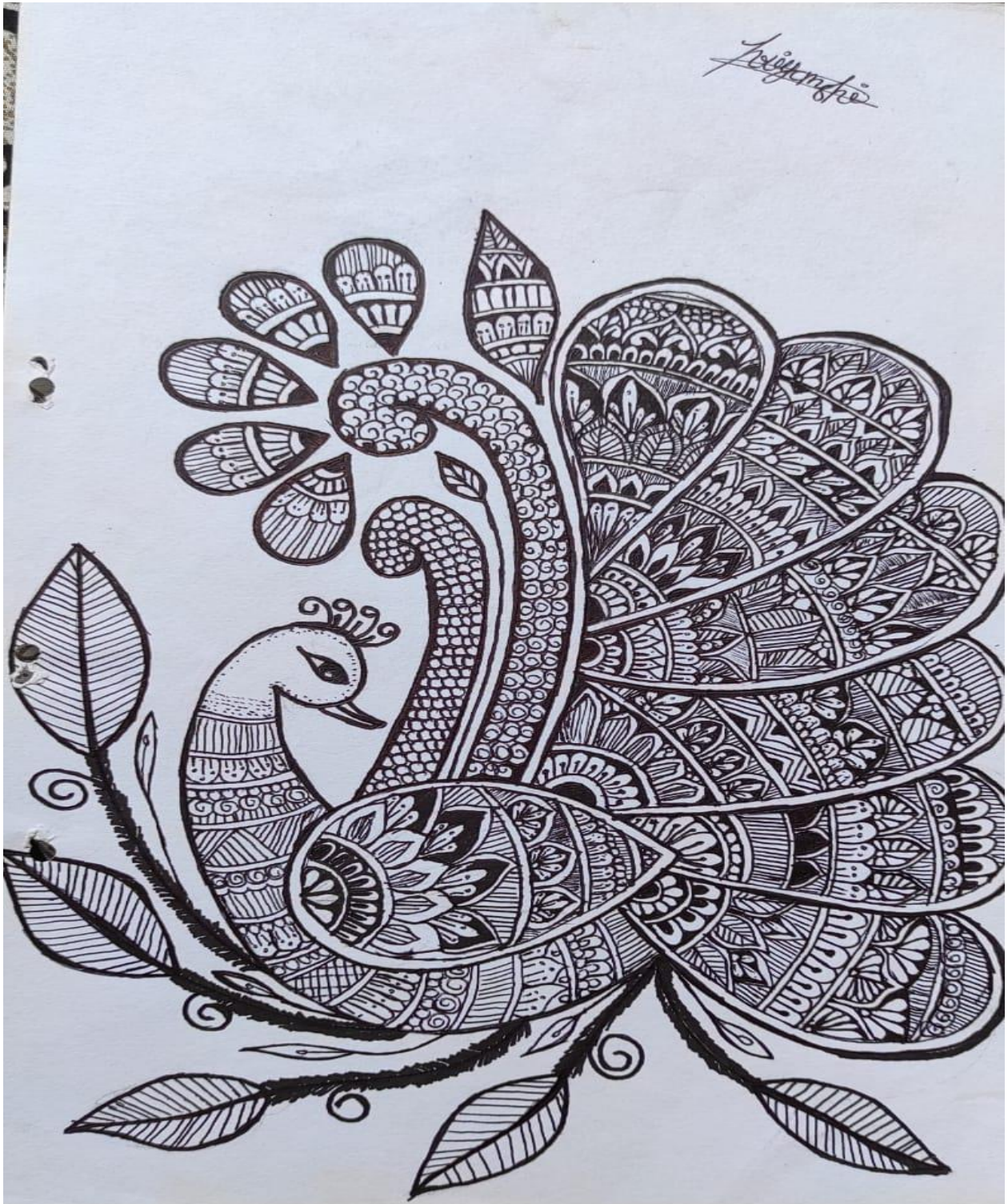
- 1) Principal of the Institute
- 2) Principal Collaborator



E.C. Department

Student Corner:

EC department Students are full of creativity here are some pictures represent the beauty of art.





Instrumentation & Control Department

Co-curricular Activity: Live Streaming Event: "India's Techade – Chips for Viksit Bharat"

The live streaming event titled "India's Techade – Chips for Viksit Bharat" was conducted on 13 –March-2024 at Lab7 IC Department, focusing on India's advancements in semiconductor technology and its role in building a developed nation. The event was organized as part of the broader initiative to promote India's vision of becoming a global leader in technology and manufacturing, particularly in the semiconductor industry, which is vital for the country's economic and technological growth.

The event showcased the government's strategy and industry collaboration to develop a robust semiconductor ecosystem in India, contributing to "Viksit Bharat" (Developed India) by 2047.

A total of 60 students & 13 faculties joined the live streaming session, with many more accessing the recorded version later.





Instrumentation & Control Department

Co-curricular Activity: NDLI CLUB Awareness Session

The NDLI (National Digital Library of India) Club Awareness Session was held on 14 March 2024 at Lab 7 IC Department, with the aim of introducing students and faculty to the extensive digital resources available through the NDLI platform. The session was organized to encourage the establishment of an NDLI Club at AVPTI, promoting the use of digital libraries as a key resource for learning and research.

The primary objective of the awareness session was to familiarize students and faculty with the National Digital Library of India's vast repository of educational resources, and to demonstrate how these resources can be utilized for academic purposes.

The session was attended by students, faculty members. 50 students of semester 2nd and faculties of IC Dept attend the session. The session was conducted by Ms. Ripal M. Pathak , NDLI CLUB Committee member.



Instrumentation & Control Department

Co-curricular Activity: Industrial Visit to BALAJI WAFERS PVT. LTD.

One day Industrial Visit to BALAJI WAFERS was organized for 6th & 4th and 2nd semester students on 5/MARCH/2024 by Instrumentation & Control department. 90 Students with 4 faculties visited the company. Balaji Wafers Pvt Ltd, is One of India's leading snack-food manufacturers and distributors. Students visited fully automated plant of wafers production, where the students show storage, manufacturing as well as packing and dispatching functions of wafers plant.

After the plant visit Mr. Chandubhai Virani and Mr. Kanubhai Virani, Directors of Balaji Wafers, interacted with the students give insightfulness of their journey. Students asked so many questions related to production, manufacturing, marketing, employability, entrepreneurship and gain the knowledge through this question answer session. Overall it was a great experience for students.



Instrumentation & Control Department

Extra-curricular Activity: National Voter's Day Pledge

National Voter's Day is celebrated annually on January 25th to mark the foundation day of the Election Commission of India. It is a day dedicated to encouraging active voter participation and spreading awareness about the importance of exercising the right to vote in a democracy. The day also highlights the role of voters in shaping the nation through the democratic process. On this occasion, citizens, especially new voters, take the National Voter's Day Pledge, reaffirming their commitment to uphold the democratic values of the country. As a part of this campaign Final year students & Faculties of instrumentation & Control Engineering department took pledge.





Instrumentation & Control Department Extra-curricular Activity: Vibrant Gujarat Pledge

As a part of Vibrant Gujarat 5P Campaign Instrumentation & Control Department students & Faculties took pledges of Pro-Planet People on 8-Jan-2024. **Pro Planet People** (PPP) are individuals committed to sustainable living, mindful of their impact on the environment, and dedicated to preserving the planet for future generations. Their actions focus on reducing their ecological footprint and promoting a healthier, more sustainable world through responsible choices in everyday life. Also students are motivated to follow this Pro Planet Practices.



Pledge regarding Vibrant Gujarat 2024's 5P campaign

NSS Unit Name/College Name: A.V.PAREKH TECHNICAL INSTITUTE, RAJKOT

Event NAME: Pledge regarding Vibrant Gujarat 2024's 5P campaign

Event Date : 08-01-2024

Description of the Event:

Environmental awareness encompasses knowledge and consciousness about the environment and the interconnectedness of all living organisms. It aims to empower students with the understanding that the well-being of the planet is intricately linked to human activities and choices. A pledge for students to impart a sense of responsibility and engagement in sustainable practices regarding environment. A.V.Parekh technical institute take pledge regarding Vibrant Gujarat 2024's 5P campaign, enriched by the GEDA pledge.





GUJARAT TECHNOLOGY UNIVERSITY

NATIONAL SERVICE SCHEME

A.V. PAREKH TECHNICAL INSTITUTE, RAJKOT(602)

A Report on celebration of national youth day

NSS Unit Name/College Name: A.V.PAREKH TECHNICAL INSTITUTE, RAJKOT

Event NAME: Celebration of national youth day

Event Date : 12/01/2024, Shri Ramakrishna Ashram, Rajkot

Description of the Event:

Celebrating National Youth Day is an excellent opportunity to inspire and empower young people to contribute positively to society; Hence Students of AVPT Institute visited Shri Ramakrishna ashram Rajkot on 12/01/2024 and interact with knowledgeable speakers and experts, fro relevant to youth development, such as entrepreneurship, leadership skills, career guidance, mental health awareness, and civic engagement. Students align with the ideals of youth empowerment, leadership, and social change. Various activities were presented like spiritual, educational, welfare and relief activities. Total 43 students were visited the ashram.

Photographs of the Event:

 **AVPTI RAJKOT**
GISC RAJKOT
VIVEKANAND KENDRA
KANYAKUMARI RAJKOT 

રાષ્ટ્રીય યુવા દિન ઉજવણી



- ❖ પુષ્પાંજલિ
- ❖ સ્વદેશ મંત્ર
- ❖ પતંગ એક્ટિવિટી

દરેક વિદ્યાર્થીઓ તથા સ્ટાફમિત્રો સ્વેચ્છાએ પતંગ લઈ આવી શકશે, જે કાર્યક્રમ પૂર્ણ થયા બાદ આનંદાલયના બાળકોને સહર્ષ આપવામાં આવશે.

Date : 12th January , 12:30 PM

**Venue : GISC Center, AVPTI Campus
Opp. Hemu Gadhvi Hall, Rajkot**





GUJARAT TECHNOLOGY UNIVERSITY NATIONAL SERVICE SCHEME

A.V. PAREKH TECHNICAL INSTITUTE, RAJKOT

A Report on pledge taking ceremony on National Voters Day

NSS Unit Name/College Name: A.V.PAREKH TECHNICAL INSTITUTE, RAJKOT

Event NAME: Pledge taking ceremony on national voters day

Event Date, Time and Location: 25/01/2024

Description of the Event:

National Voters' Day is celebrated annually in India on 25 January to mark the foundation day of Election Commission of India. It established by the Government of India in order to encourage more young voters to take part in the political process, and first celebrated 25 January 2011. A.V.Parekh Tehnical Instutute organized a pledge taking activity for young students and encourage them to vote.

Photograph of the Event:





मतदाताओं द्वारा ली जाने वाली शपथ

हम, भारत के नागरिक, लोकतंत्र में अपनी पूर्ण आस्था रखते हुए यह शपथ लेते हैं कि हम अपने देश की लोकतांत्रिक परम्पराओं की मर्यादा को बनाए रखेंगे तथा स्वतंत्र, निष्पक्ष एवं शांतिपूर्ण निर्वाचन की गरिमा को अक्षुण्ण रखते हुए, निर्भीक होकर, धर्म, वर्ग, जाति, समुदाय, भाषा अथवा अन्य किसी भी प्रलोभन से प्रभावित हुए बिना सभी निर्वाचनों में अपने मताधिकार का प्रयोग करेंगे।



Voters' Pledge

We, the citizens of India, having abiding faith in democracy, hereby pledge to uphold the democratic traditions of our country and the dignity of free, fair and peaceful elections, and to vote in every election fearlessly and without being influenced by considerations of religion, race, caste, community, language or any inducement.





GUJARAT TECHNOLOGY UNIVERSITY

NATIONAL SERVICE SCHEME

A.V. PAREKH TECHNICAL INSTITUTE, RAJKOT(602)

A Report on Interaction of New Voters with Hon. Prime Minister

NSS Unit Name/College Name: A.V.PAREKH TECHNICAL INSTITUTE, RAJKOT

Event NAME: *Interaction of New Voters with Hon. Prime minister*

Event Date : 25-01-2024

Description of the Event:

The interaction between new voters (First time voters) and the Prime Minister was organised on 25th January 2024 at 10:30 A.M. AVPT Institute Rajkot participate in this event. Prior communication and pre registration was mandatory for student. Session was to provides an opportunity for new voters to better understand government policies, decision-making processes, and the overall functioning of the political system also increases awareness about the importance of voting and political participation.

Outcome of event:

- Establishes a channel for building trust between the government and new voters.
- Empowers young voters by making them active contributors to the democratic process.
- It not only benefits the youth by providing them with a voice in governance but also enhances the effectiveness and legitimacy of government policies through the incorporation of diverse perspectives and feedback.



Photographs of the Event:





GUJARAT TECHNOLOGY UNIVERSITY

NATIONAL SERVICE SCHEME

A.V. PAREKH TECHNICAL INSTITUTE, RAJKOT(602)

A Report on Collection of Sainik Welfare fund

NSS Unit Name/College Name: A.V.PAREKH TECHNICAL INSTITUTE, RAJKOT

Event NAME: Collection of Sainik Welfare fund

Event Date, Time and Location: 12/02/2024

Description of the Event:

Sainik Welfare department is the implementation of various programmes for the welfare and resettlement of ex-servicemen, their dependents and war widows. On Shshatra dhvaj din, AVPT Institute collected Rs.9500/- from all departments. Faculties and students contributed and funds are submitted to “Collector & President, AFFD Fund account, Ahmedabad through DD.

भारतीय स्टेट बैंक State Bank of India जारी करने वाली शाखा Issuing Branch: SBI - RAJKOT (RACE COURSE) कोड नं. / CODE No: 60292 टेल नं. / TEL No: 0281-2442760		मांगझाफ्ट DEMAND DRAFT		Key: TABDEQ Sr. No: 202343	1 4 0 2 2 0 2 4 D D M M Y Y Y Y
मांगे जानेपर COLLECTOR & PRESIDENT AFFD FUN D ACCOUNT AHMEDABAD*****				या उनके आदेश पर OR ORDER	
ON DEMAND PAY रुपय RUPEES		Nine Thousand Five Hundred Only		अदा करें ₹ 9500.00	
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कम्प्यूटर द्वारा मुद्रित होने पर ही वैध VALID ONLY IF COMPUTER PRINTED		केवल 3 महीने के लिए वैध VALID FOR 3 MONTHS ONLY		₹ 1,50,000.- एवं अधिक के लिखित दो अधिकारियों द्वारा हस्ताक्षरित होने पर ही वैध है। INSTRUMENTS FOR ₹ 1,50,000.- & ABOVE ARE NOT VALID UNLESS SIGNED BY TWO OFFICERS	

॥ 4894 1 2 ॥ 00000 2000 000558 ॥ 16





GUJARAT TECHNOLOGY UNIVERSITY

NATIONAL SERVICE SCHEME

A.V. PAREKH TECHNICAL INSTITUTE, RAJKOT(602)

A Report on Thalassemia Awereness program

NSS Unit Name/College Name: A.V.PAREKH TECHNICAL INSTITUTE, RAJKOT

Event NAME: Thalassemia Awereness program

Event Date, Time and Location: 06/03/2024, Seminar hall, A.V.P.T.I., Rajkot

Description of the Event:

Raising awareness about thalassemia is crucial to help prevent its spread and provide support to those affected by the condition. Expert discuss the causes of thalassemia, Symptoms, Diagnosis, Treatment Options, Psychological and Emotional Support and Healthy Lifestyle Recommendations. The program to the specific needs and interests of target audience whether individuals or families affected by thalassemia. Additionally, consider incorporating interactive elements such as Q&A sessions, personal stories, and educational materials to engage participants and make the information more accessible and impactful. 1st sem students of all department were participate in the program which was held in seminar hall of computer department on 06/03/2024.

Outcome of the Event:

To increase Knowledge and positive outcome would be an increase in the number of individuals seeking screening and diagnostic tests for thalassemia, especially those with a family history of the condition or experiencing symptoms.


Photograph of event:

લાઈફ થેલોસીમિયા પ્રિવેન્શન સેન્ટર


આપે થેલોસીમિયા-પરીક્ષણ કરાવ્યું ? સગાઈ કરતાં પહેલાં અગમચેતી દાખવો.

થેલોસીમિયા વિશે આટલું અવશ્ય જાણો...


થેલોસીમિયા મેજર એ રક્તને લેવાની વારસાગત બીમારી (genetic disorder / disease) છે. તેમાં લાલ રક્તકણો ટૂટેલા હોય છે. થેલોસીમિયા માઈનરમાં લાલ રક્તકણો નાના હોય છે, પણ તે કોઈ બીમારી નથી.



સામાન્ય (નોર્મલ) લાલ રક્તકણ



થેલોસીમિયા માઈનરના નાના લાલ રક્તકણ



થેલોસીમિયા મેજરના ટૂટેલા લાલ રક્તકણ

થેલોસીમિયા બાળકને જન્મથી જ વારસામાં મળે છે, જે ચોક્કસ પ્રકારના રક્તના પરીક્ષણ દ્વારા જ જાણી શકાય છે.


થેલોસીમિયા માઈનર

- થેલોસીમિયા માઈનર એ કોઈ રોગ નથી, તેથી તે કોઈ છુપાવવા જેવી બાબત છે જ નહીં.
- તેનાં કોઈ તબીબી ચિહ્નો જોવા મળતાં નથી.
- આથી રક્તનું પરીક્ષણ કર્યાં સિવાય થેલોસીમિયા માઈનરની જાણ થતી નથી.
- થેલોસીમિયા માઈનર કદી થેલોસીમિયા મેજરમાં ફેરવાતો નથી.
- થેલોસીમિયા માઈનર માટે દવા કે સારવારની જરૂર નથી.

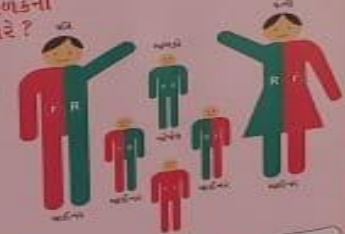
થેલોસીમિયા મેજર

- આ એક જીવલેણ રોગ છે.
- બાળકના જન્મના 3 થી 18 મહિનામાં લોહીની ઊંચપનું ચિહ્નો દેખાવા લાગે છે.
- આ રોગથી પીડાતો વ્યક્તિને નેક ફેમ કાનકાળ ફરમાવવાનું નિર્ધારિત રીતે લોહી ચલાવવું પડે છે.
- અન્યત્ર ખર્ચાળ અને લાંબી સારવાર હતાં પણ હવે તેનું અદ્યતન સામાન્ય રીતે 20 થી 25 વર્ષની વયને સંતોડી શકાય છે.

થેલોસીમિક બાળકની શક્યતા ક્યારે ?



દાખલ થયેલ પતિ-પત્નીના જોડાણમાંથી કોઈ પણ એક થેલોસીમિયા માઈનર હોય ત્યારે 50% બાળકો સામાન્ય (નોર્મલ) જન્મવાની શક્યતા છે.



જ્યારે પતિ-પત્ની બંને થેલોસીમિયા માઈનર હોય ત્યારે 25% થેલોસીમિયા મેજર, 50% બાળકો થેલોસીમિક માઈનર અને 25% સામાન્ય (નોર્મલ) જન્મવાની શક્યતા છે.

થેલોસીમિયા-પરીક્ષણની અગમચેતી આપને મુશ્કેલીઓના પલાડથી બચાવે છે.

આજે જ પરીક્ષણ કરાવો.

જો આપ પતિ-પત્ની બંને થેલોસીમિયા માઈનર હો અને ભાવિ સંતાન તંદુરસ્ત જન્મે તેમ ઈચ્છતાં હો તો નીચેના સરનામે કાઉન્સેલિંગ દ્વારા માર્ગદર્શન મેળવી પરીક્ષણ કરાવો. આ એક ગંભીર બાબત છે.

લાઈફ થેલોસીમિયા પ્રિવેન્શન સેન્ટર

24 - વિજય પબ્લિક હોસ્પિટલ, આરબિકા ટોલ, વાજપેઈઝી, સુરત. (સંપર્ક: 281 225 42 / 43)

સંપર્ક: 281 225 42 / 43 | ફોન: 281 225 42 / 43 | ઈમેલ: info@lifethalassemia.org





GUJARAT TECHNOLOGY UNIVERSITY

NATIONAL SERVICE SCHEME

A.V. PAREKH TECHNICAL INSTITUTE, RAJKOT(602)

A Report on Thalassemia Test

NSS Unit Name/College Name: *A.V.PAREKH TECHNICAL INSTITUTE, RAJKOT*

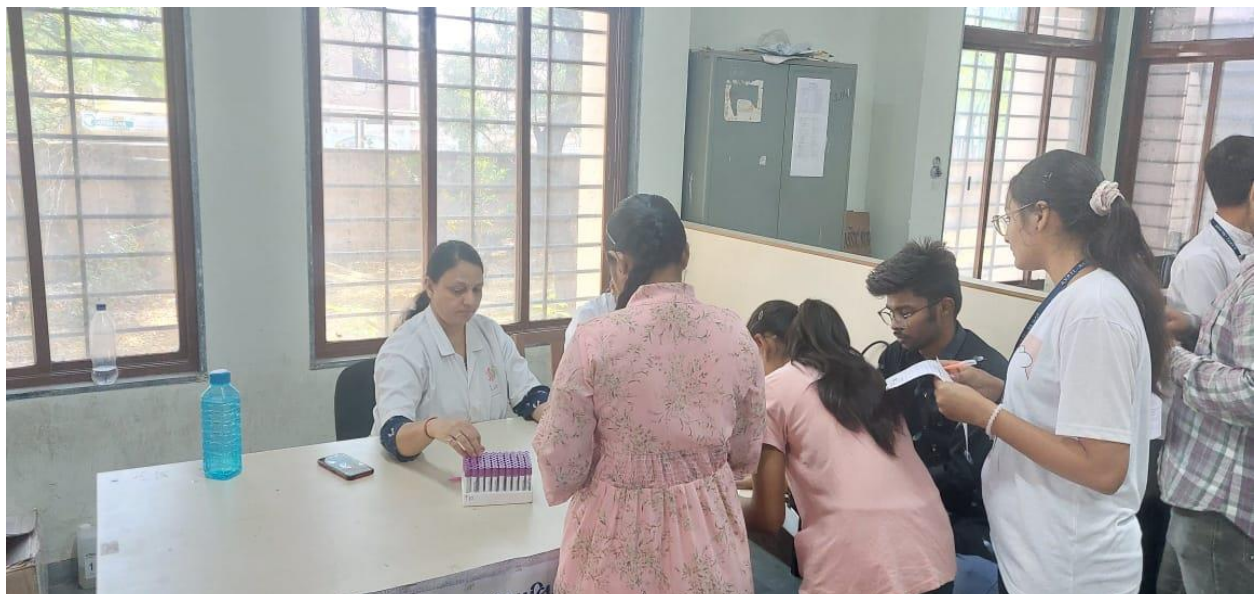
Event NAME: *Thalassemia Test*

Event Date, Time and Location: *12/03/2024, Electrical dept. A.V.P.T.I., Rajkot*

Description of the Event:

GTU has suggested compulsory thalassemia test for first year students, hence A.V. Parekh Technical Institute organized thalassemia test for students of all branches on 12/03/2024 at electrical department A.V.P.T.I. Rajkot with Indian medical scientific research foundation, Rajkot. Indian Medical Scientific Research Foundation (IMSRF) is working in field of thalassemia prevention & control since 1991. Their aim is to make thalassemia free society. IMSRF constantly organizes Thalassemia Awareness Programmes and Thalassemia screening camp in various colleges and youth forums. Total 494 students got thalassemia test.

Photograph of event:







Indian Medical Scientific Research Foundation

Certificate of Gratitude

A.V. Purekh Technical Institute

This certificate is presented in recognition for your valuable contribution and sincere efforts for organizing a successful Thalassaemia Screening Camp on *12/3/24* and for helping to collect *496* samples.

Congratulations on joining the campaign "Thalassaemia Free Gujarat" and contribution made towards the noble cause of preventing Thalassaemia.

We appreciate your continuing support and patronage to the Life Thalassaemia Prevention Centre.

Date of the camp : *12/3/24*

Public Relation Officer on Duty

Life Thalassaemia Prevention Centre

24 - Vijay Plot, Malaviya Road, Rajkot-360 002. Gujarat, India.

☎ (+91-281) 223 42 42 / 43 ✉ ltpc@999life.org 🌐 www.999life.org

📱 @lifebloodcen 📺 @projectliferajkot 📞 +91 99097 73000



THALASSAEMIA





GUJARAT TECHNOLOGY UNIVERSITY

NATIONAL SERVICE SCHEME

A.V. PAREKH TECHNICAL INSTITUTE, RAJKOT(602)

A Report on Blood donation camp

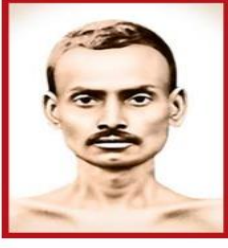
NSS Unit Name/College Name: *A.V.PAREKH TECHNICAL INSTITUTE, RAJKOT*

Event Name: *Blood donation camp*

Event Date, Time and Location: *12/03/2024, Seminar hall, AVPTI Rajkot*

Description of the Event:

On 12-03-2024 a blood donation camp was held in the institute in collaboration with Pandit din dayal upadhyay hospital. It was in association with Rotary club Rajkot. Camp was organized by gymkhana committee. The camp was organised to help the Thalassemia patients. The camp took place in the seminar hall of the computer department. The function started around 11 o'clock in the morning. The senior students of the college too participated in the program. Apart from students, many common people also participated in this. The blood collected from this camp was to be given to the Government Thalassemia Hospital. The college had arranged for refreshments for those who donated blood in the camp. Students and other people who had participated in this blood donation camp were given certificates. Total 63 blood bag were collected in the event.



આમંત્રણ

મિશન :- રક્તક્રાંતિ હિંદુસ્તાન

રક્તદાન શ્રેષ્ઠદાન
રક્તદાન મહાદાન



એ.વી.પારેખ ટેકનિકલ ઇન્સ્ટિટ્યૂટ



રક્તદાન કેમ્પ



શ્રીમદ્ રાજચંદ્ર ફાઉન્ડેશન રાજકોટનાં સહયોગથી
રક્તદાન કેમ્પનું આયોજન કરવામાં આવેલ છે.

રાજકોટ સિવિલ હોસ્પિટલ ના જરૂરિયાતમંદ દર્દીઓને,
થેલેસેમિયા પીડિત બાળકોને વિનામૂલ્યે લોહી મળી રહે તેવા
શુભ આશયથી રક્તદાન કેમ્પનું આયોજન કરવામાં આવેલ છે.

તારીખ : 12 / 03 / 2024, મંગળવાર

સમય : સવારે 10:30 થી બપોરે 02:00 વાગ્યા સુધી

સ્થળ : એ.વી.પી.ટી. કોમ્પ્યુટર હોલ, હેમુ ગઢવી હોલની
સામે, ટાગોર રોડ, રાજકોટ

:: નિમંત્રક ::

ડૉ.પરેશ.પી.કોટક

(પ્રિન્સિપાલ શ્રી એ.વી.પી.ટી.આઈ)

એ.વી.પી.ટી.આઈ પરિવાર

સંપર્ક : 94280 11791

:: નિમંત્રક ::

શ્રીમદ્ રાજચંદ્ર ફાઉન્ડેશન

વિનય જસાણી

ડો. પ્રતીક અમલાણી

(યુરોલોજિસ્ટ - ગોલ્ડ મેડાલીસ્ટ)

મો. 99791 05507

યુવાનીમાં રક્તદાન, મૃત્યુ પછી ચક્ષુદાન, દેહદાન અથવા અંગદાન

રક્તદાન કેમ્પ કરવાં માટે સંપર્ક

પહેલા થેલેસેમિયા ટેસ્ટ પછી જ સગાઈ



વિનય જસાણી, મો.9428200660

શાકાહાર, સ્વસ્થ જીવનનો આધાર

આ ઈમેજ સૌને શેર/ ફોરવર્ડ કરવા વિનંતી

Please SHARE

Photographs of the Event:





આભાર પત્ર

ક્રમાંક : 51



પંડિત દીનદયાળ ઉપાધ્યાય મેડીકલ કોલેજ અને હોસ્પિટલ - રાજકોટ

પંડિત દીનદયાળ ઉપાધ્યાય હોસ્પિટલનાં ગરીબ અને જરૂરીયાતમંદ દર્દીઓને અત્રેની બ્લડ બેન્ક દ્વારા વિના મૂલ્યે લોહી મળી રહે તે હેતુથી આપની સંસ્થા *A.V. Parekh Technical Institute, Rajkot* દ્વારા તા. *12/03/2024* માં રોજ *AVPTI computer hall, near kemp, Gadhva hall Tugan road, RAJKOT* મુકામે યોજાયેલ રક્તદાન કેમ્પમાં કુલ *62* બોટલનું રક્તદાન કરી માનવ કલ્યાણકોષ્ટ્રે અમુલ્ય એવું પ્રદાન કરી ઉમદા માનવ ધર્મ બજાવેલ છે તે બદલ અમો આપના આભારી છીએ.

આપના ઉપર ઈશ્વર કૃપા અવિરત વહો

[Signature]

તબીબી અધિક્ષક

પંડિત દીનદયાળ ઉપાધ્યાય હોસ્પિટલ - રાજકોટ

[Signature]

પ્રોફેસર ઓફ પેથોલોજી

પંડિત દીનદયાળ ઉપાધ્યાય મેડીકલ કોલેજ - રાજકોટ



GUJARAT TECHNOLOGY UNIVERSITY

NATIONAL SERVICE SCHEME

A.V. PAREKH TECHNICAL INSTITUTE, RAJKOT(602)

A report on semiconductor bhoomi-pujan live telecast

NSS Unit Name/College Name: *A.V.PAREKH TECHNICAL INSTITUTE, RAJKOT*

Event Name: *Semiconductor bhoomi-pujan live telecast*

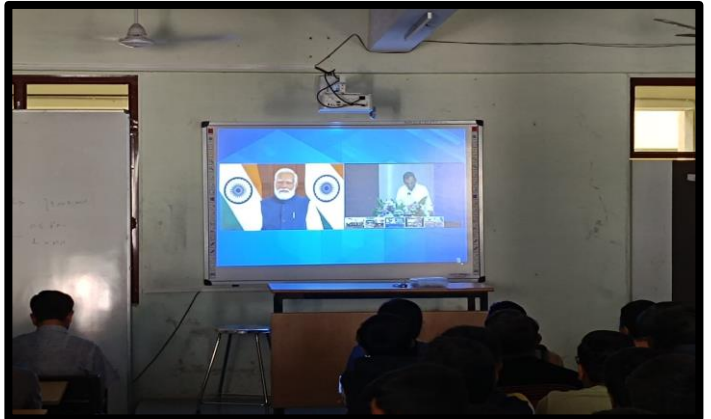
Event Date, Time and Location: *13/03/2024, 09:30 A.M., AVPT Institute*

Description of the Event:

During the 'India's Techade: Chips for Viksit Bharat' event, Prime Minister Shri Narendra Modi addressed the audience via video conferencing, highlighting the significance of the inauguration as a major milestone towards India's prosperous future. As a part of this, Students, faculties and staff of A.V.Parekh Technical Institute Rajkot attend an online telecast of bhoomi puja on semiconductor plant. The Prime Minister highlighted india's increasing role in electronics and hardware manufacturing, citing Production Linked Incentive (PLI) schemes aimed at fostering large-scale electronic and IT hardware manufacturing and electronic clusters. Total 480 students, faculties and staff were attended the video conference.

Photos of event:





R. D. PANCHAL	Worked as a committee member in GTU curriculum development committee for course "bio energy" of 4th semester renewable energy branch
S. J. PATEL	Bos chairman electrical
A. D. MARVANIYA	Bos chairman re
P.V. LADANI	Worked as a subject expert in GTU curriculum development for course "energy conversion devices and methodologies" of 5th semester renewable energy branch
C. C. SHAH	Worked as a committee member in GTU curriculum development committee for course for Power Electronics (1346404) for Renewable Energy Engineering
C. K. VYAS	Worked as a committee member in GTU curriculum development committee for course "wind energy" of 4th semester renewable energy branch
K.M.HOTHI	Worked as a committee member in GTU curriculum development committee for course "solar energy (1336405)" of 4th semester renewable energy branch
K.M.HOTHI	Worked as a committee member in GTU curriculum development committee for course "wind energy" of 4th semester renewable energy branch
K.M.HOTHI	Worked as smart India hackathon screening evaluator and got certificate for same
R.S.ZAMPDA	Worked as a committee member in GTU curriculum development committee for course "bio energy" (4346403) of 4th semester renewable energy branch
R.S.ZAMPDA	Worked as a paper setter in infinity Infoway Pvt.Ltd for competitive exam of lineman post
M. M. MODI	Worked as External Reviewer for the paper "Resnet based classification for leaf disease detection" FROM Journal of The Institution of Engineers (India): Series B Springer



STUDENT ACHIEVEMENT _ELECTRICAL DEPARTMENT

NAME	RANK	EVENT NAME	COLLEGE NAME	MONTH	YEAR
KANDOLIYA MIHIR DIPULKUMAR	3	SVIT-VASAD	SVIT COLLEGE VASAD VADODARA	APRIL	2024
RATHOD VRUSHABH	3	PROJECT COMPILATION	SVIT COLLEGE VASAD VADODARA	APRIL	2024
SHUBHAM WAGHELA	2	BADMINTON MEN DOUBLES	District level PORBANDAR	JUNE	2024
MARADIYA RONAK SURESHBHAI	1	PRAVESHKA POORNA	RAJKOT	APRIL	2024
GOHEL DHAVAL JIGNESHBHAI	PARTICIP ATION	QUIZ G3Q 2.0 BY EDUCATION DEPARTMENT, GOVERNMENT OF GUJARAT	GUJARAT STATE	JANUARY	2024



Electrical Department

Matrubhasha vandan on Matrubhasha divas

21/02/2024

The celebration commenced featuring speeches by faculty highlighting the significance of Matrubhasha Divas and emphasizing the importance of linguistic diversity. Students showcased their linguistic talents through performances such as songs, speech and poetry recitations in different Gujarati languages, reflecting their hold on the language.

Fun and engaging language quizzes were organized to test students' knowledge of Gujarati language, promote healthy competition, and incentivize language learning and participation.

The celebration helped raise awareness among students about the importance of preserving and promoting mother languages as a vital aspect of cultural heritage and identity.

The Matrubhasha Divas celebration at our college was a resounding success, reaffirming our commitment to promoting linguistic diversity, cultural understanding, and inclusive education.

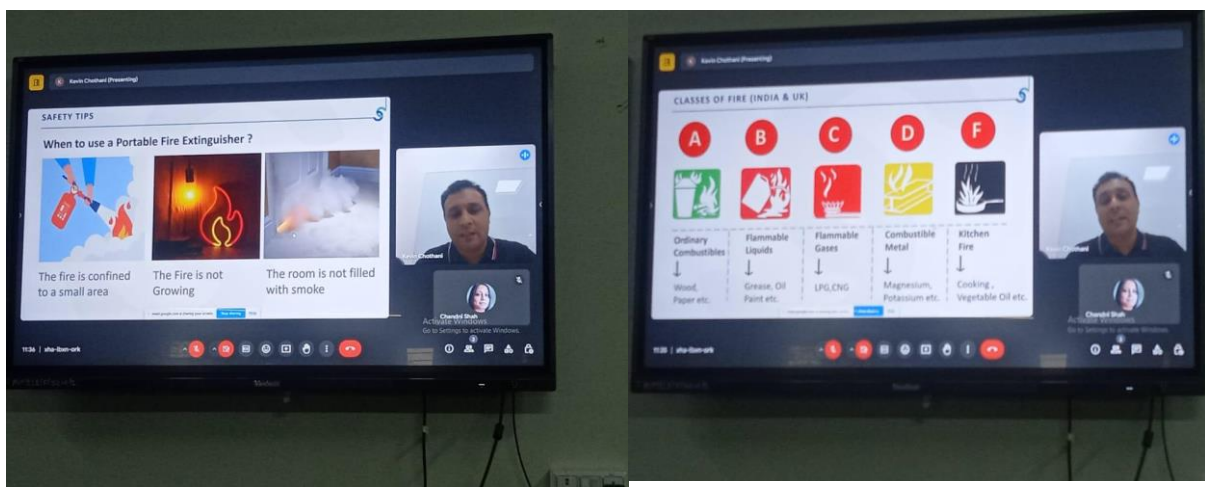


Online Seminar on Fire safety and its installation

26/04/2024

The seminar was conducted remotely via google meet , making it accessible to a wide range of students and faculties The seminar featured Mr Kevin Chothani in Sekura, an expert in the field of fire safety and engineering. Mr Chothani brought in their vast experience from working in both industrial and academic sectors, and highlighted key points on fire prevention and emergency preparedness. Key areas of his explanation for the students were:

- Safety, Health and Environment Basics
- Risk Assessment and Controls
- Fire and Emergency Management
- Electrical Safety



International Yoga Day 21/06/2024

International Yoga Day, celebrated globally on June 21st every year, is a day dedicated to promoting the practice of yoga, its benefits, and its importance in leading a healthy and balanced life. The celebration aims to raise awareness about the holistic health benefits of yoga, which include physical, mental, and spiritual well-being.

In 2024, A V Parekh Technical Institute celebrated International Yoga Day at institute premises the event aimed to not only observe the day but also to deepen the understanding of yoga and its various practices in modern-day life.

Event was started with Surya namaskar then warmup exercise and asanas like vajras an, vrukshasan, Veerbhadra asan and then followed by stretching and pranayama and concluded with 5 mins meditation and prayer.



Project competition 16/02/2024

Students of 1st year electrical department prepared working model and projects based on Electrical applications. Competition was arranged for best concept based modeled project. Three projects were selected and awarded with certificate. Such project competition provides learning on both cognitive and psychomotor. It also builds team spirit. All faculties and principal of the institute reviewed and motivated students for their efforts.



Computer Aided Costume Design & Dress Making Department

Extra -curricular Activity :

Event : Ram MandirPranpratishtha & Lokarpan celebration with Rangoli

Date: 21/1/2024

Venue: CACDDM, AVPTI Rajkot

On 21st Jan. 2024, the country was celebrating most awaited event of Ram MandirPranpratishtha and Lokarpan ceremony at Ayodhya. CACDDM department A.V. Parekh Technical Institute also has participated in the holy celebration with enthusiasm. The department celebrated the event with Ram mandirRangoli, all students and faculties were involved in the celebration. Students have decorated department with RAM MANDIR Rangoli.



Computer Aided Costume Design & Dress Making Department

Faculty Training

S r	Name Of Faculty	Training detail	Event Type	Organize d by	Start Date	End Date	Duratio n
1	Arti R.Rathod	Soft Skill Development	MOOC	NPTEL	22-Jan- 24	15-Mar- 24	8 weeks
2	Dr. Nita B. Marsonia	Soft Skill Development	MOOC	NPTEL	22-Jan- 24	15-Mar- 24	8 weeks
3	Dr. Sarangi H Bhatt	Soft Skill Development	MOOC	NPTEL	22-Jan- 24	15-Mar- 24	8 weeks



Computer Aided Costume Design & Dress Making Department Extra -curricular Activity :

Event : MATRUBHASHA DIVAS CELEBRATION

Event: Coordinator : I/C HOD Arti Rathod

21st February 2024 CACDDM department A.V. Parekh Technical Institute has celebrated MATRUBHASHA DIVAS, 42 students and faculties were involved in the celebration. Students and faculties have recited Gujarati poems, played language games and puzzles. Students shared their learning with matrubhasha and have enjoyed the event lot.



Tech Chronicle 3

Rain is Coming



avptirajkot



Avpti Rajkot



AVPTI RAJKOT



avptirajkot

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