DEPARTMENT
OF
COMPUTER ENGINEERING
Newsletter
January-June [2023]

VISION

To produce competent diploma engineers through quality education withmoral values to meet need of the society.

MISSION

i) To provide quality education in both theory and practical to solve the problems.

ii) To encourage students for co-curricular activities.

iii) Provide exposure to latest technology.

iv) Transform students into socially responsible and ethical professional

PROGRAM EDUCATIONAL OBJECTIVES

The diploma holders will be:

i) Competent with knowledge of Computer Engineering to pursue higher education.

ii) Proficient to solve problems that are technically, economically, sociallyand environmentally acceptable.

iii) Efficient team leader, effective communicator and entrepreneur withethics and moral values.

PROGRAM SPECIFIC OUTCOME

After the completion of the program, in future students will be able to have

i) An ability to analyse, design, develop and test software using different programming language

ii) An ability to setup, analyse, design and troubleshoot network and computer hardware issues.

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Industry Visit Organized by Computer Engineering Department

Event name:	**Industry Visit at Banas Dairy**
Date & Time:	Date: 8th February, 2023 Time: 9:00 onwards Venue: Banas Dairy, Palanpur
Description for e-newsletter:	Computer Engineering Department, K.D Polytechnic, PATAN on 08/02/2023 for the interested of final year students organised the industrial visit to Banas Dairy, Palanpur. Total 50 students actively participated in this visit. Banas dairy tour guide provided students the detailed tour and guidance about the working and the automation used in the dairy. The networking, surveillance and ERP (SAP) used by the dairy were observed by the students and got the knowledge of the application of those technologies in industry. Overall feedback from the students was also satisfactory.
Photograph1:	
Photograph2:	

Project Poster Presentation Competition

Event name:	**Project Poster Presentation Competition**
Date & Time:	Date: 12th May, 2023 Time: 10:30 am to 1:00 pm Venue: F008,F011,F012
Description for e-newsletter:	The K D Polytechnic, Patan Department of Computer Engineering organized a Project Poster Presentation Competition on the 12th May, 2023. The competition aimed to help students showcase their project poster-making skills and their ability to present their respective project posters. The event was inaugurated by the Principal Shri R. M. Shaikh sir, with the welcome and motivating speech. In inaugural speech Sir highlighted how much the final year project posters are important and beneficial to a student as well as to promote the ideas to be delivered in the real-world successful product. It stands to be very useful for understanding the different & elaborative topics of Software Engineering, Web Development and IoT at a glance. Head of Dept and other jury members of the day inspected/reviewed each poster and taught the extra knowledge with pleasure and enthusiasm. The students participated, showed positive involvement and smoothly defended their posters in front of the Judges. The experienced staff members gave valuable contribution by judging the posters presented by the students. There were mainly 31 project groups having 115 students, participated in the event. All of the 115 students worked hard to put their effort in presentation of their work done. There were some really good posters of different domains. Groups with title "***Music Streaming app***"[ranked 1st], "***Blood +***"[ranked 2nd], "***Hostel management system***" and "***Online birth certificate system***"[tied 3rd rank] were assigned the rank based on the evaluation of the jury members. The overall event was successful and admired. It stood to be beneficial to present the work done for the project by representing to the jury and other participants. The whole event was organized in the supervision of Shree C. D. Patel sir, i/c HOD, Dept. of Comp Eng, coordinated by P. J. Joshi and given valuable effort of being jury by J. N. ACHARYA, B. I. SAINI, M. R. THAKKAR, N. A. PATEL, S. D. PRAJAPATI, K. D. PRAJAPATI, P. M. PRAJAPATI, K. M. MADHU, N. J. PATEL, SHYJU RAJU, D. R. DODIYA, Y. R. PATEL, A. M. MEVADA, P. R. SHARMA.

| Photograph1: | |
| Photograph2: | |

Student Participation in Workshop on Internet of Things at GPERI, Mevad

Event name:	**Workshop on Workshop on Internet of Things at GPERI, Mevad**
Date & Time:	Date: 15th April, 2023 Time: 10:00 am to 2:00 pm Venue: GPERI, Mehsana
Description for e-newsletter:	Computer Engineering Department, K.D Polytechnic, PATAN on 15/04/2023 for the interested computer engg. Final year students, workshop on Emerging trends was organised at GPERI, Mevad, Mehsana. Mr Chirag D. Patel and Mr. Mayur R. Thakkar had coordinated the visit. Total 45 students of 6th semester have actively participated in this visit. GPERI Mevad expert provided knowledge to the students in a one day workshop on Emerging trends in industry. Overall feedback from the students was also satisfactory.
Photograph1:	

Student Participation in Workshop on Emerging Trends and Technologies at SPCE, Visnagar

Event name:	**Workshop on EMERGING TRENDS AND TECHNOLOGIES**
Date & Time:	Date: 29th April, 2023 Time: 10:00 am to 3:00 pm Venue: SPCE, Sakalchand Patel University, Visnagar
Description for e-newsletter:	Recently, the Department of Computer and IT Engineering, Sankalchand Patel College of Engineering, Visnagar organized a one-day seminar on "EMERGING TRENDS AND TECHNOLOGIES" on April 29, 2023, with the objective of gaining maximum knowledge about emerging technologies. In which Mr. Rajesh Vishnani, Project Manager and Mr. Gunja Shah, Manager, Human Resources Business Partner, Regal Network Pvt. Ltd. Vadodara explained the importance of "BLOCKCHAIN TECHNOLOGIES AND PROBLEM SOLVING TECHNIQUES" in current industries. Also, the importance of other emerging technologies like robotics, supercomputers, drones, Apple Lab etc. was explained through DEMONSTRATION by the professors of the department during the visit to the departmental laboratory. More than 70 students and professors from various Diploma/Degree Colleges enthusiastically participated in the programme.
Photograph1:	

| Photograph2: | |

Expert Lecture Organized by Department of Computer Engineering

Event name:	**Expert lecture on Amazon Web Services**
Date & Time:	Date: 06th March, 2023 Time: 10:30 am to 12:00 pm Venue: N0
Description for e-newsletter:	An expert lecture on Amazon Web Services (AWS) was conducted, featuring Mr Ankur Pancholi, Mr L. K. Patel. The lecture aimed to provide students with a comprehensive understanding of AWS, its services, and its benefits for businesses and individuals. The event began with a brief introduction by the event organizer, highlighting the significance of AWS in today's technological landscape. The expert, an experienced AWS professional, then took the stage and started the lecture. It proved to be an informative and enlightening event for the 94 students in attendance. The lecture successfully introduced the students to the world of AWS, providing a comprehensive overview of its services, benefits, and real-world applications. The event inspired the students to explore the vast opportunities in cloud computing and AWS. With this knowledge, the attendees are better equipped to leverage AWS for their personal projects, business ventures, and future careers.
Photograph1:	

Photograph2:

Event name:	**Expert lecture on Cyber Security**
Date & Time:	Date: 07th March, 2023 Time: 10:30 am to 12:00 pm Venue: N0
Description for e-newsletter:	An engaging and informative expert lecture on cyber security was conducted, featuring a expert Mr Nachiket Joshi who is also cyber volunteer for the Patan Police. The lecture aimed to enhance the students' knowledge and awareness about cyber threats, data breaches, and strategies to protect themselves and their organizations from potential cyber-attacks. With an attendance of 86 students, the lecture provided valuable insights into the world of cyber security. The lecture successfully raised awareness about cyber security, equipped the students with practical knowledge and best practices, and inspired them to consider careers in this rapidly growing field. The event was a resounding success, leaving a lasting impact on the attendees' understanding of cyber security and their ability to protect themselves in an increasingly digital world.
Photograph1:	
Photograph2:	

Department of Computer Engineering Participation in NSS Activities

Department of Computer Engineering students actively participated in various activities organized by NSS Cell
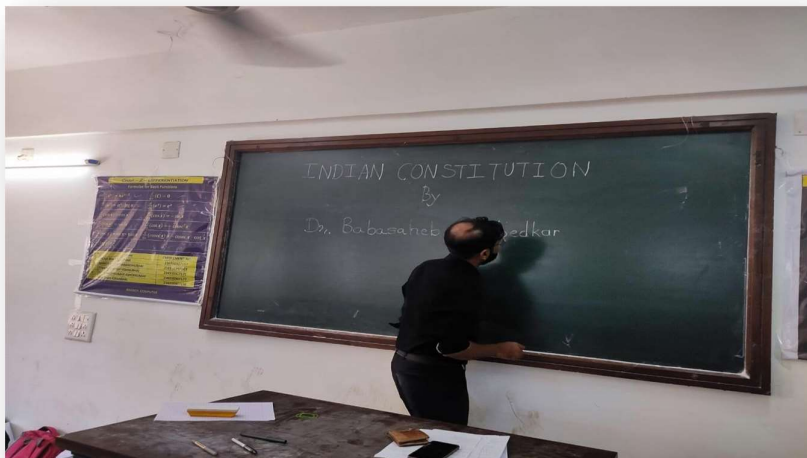
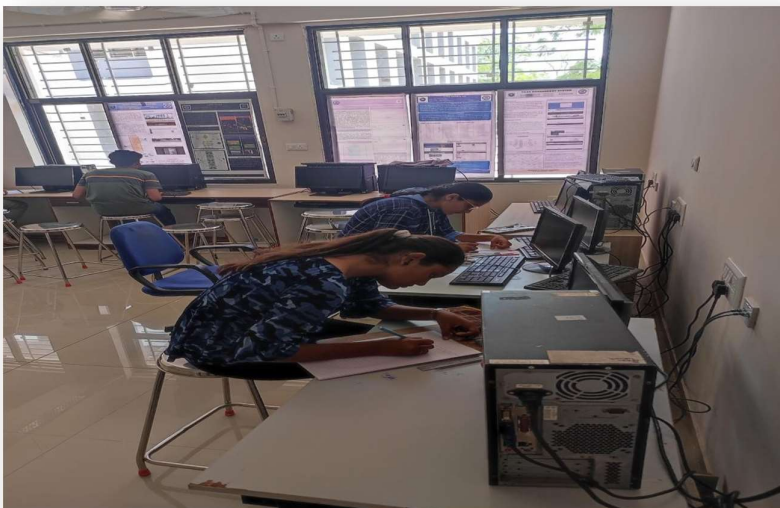|	
Event name:	**Expert lecture on Women Empowerment**
Date & Time:	Date: 5th January, 2023 Venue: K.D.Polytechnic Patan
No. of Students Participated	73
Photograph1:	
Photograph2:	

Event name:	**National Youth Day Celebration**
Date & Time:	Date:12th January,2023 Venue: K.D.Polytechnic Patan
No. of Students Participated	45
Photograph1:	
Photograph2:	

Event name:	**Drawing Competition on Women Empowerment**
Date & Time:	Date: 7th March, 2023 Venue: K.D.Polytechnic Patan
No. of Students Participated	46
Photograph1:	
Photograph2:	

Event name:	**World Sparrow Day**
Date & Time:	Date: 20th March, 2023 Venue: K.D.Polytechnic Patan
No. of Students Participated	12
Photograph1:	
Photograph2:	

Event name:	**A Seminar On Indian Constitution**
Date & Time:	Date: 27th April, 2023 Venue: K.D.Polytechnic Patan
No. of Students Participated	16
Photograph1:	
Photograph2:	
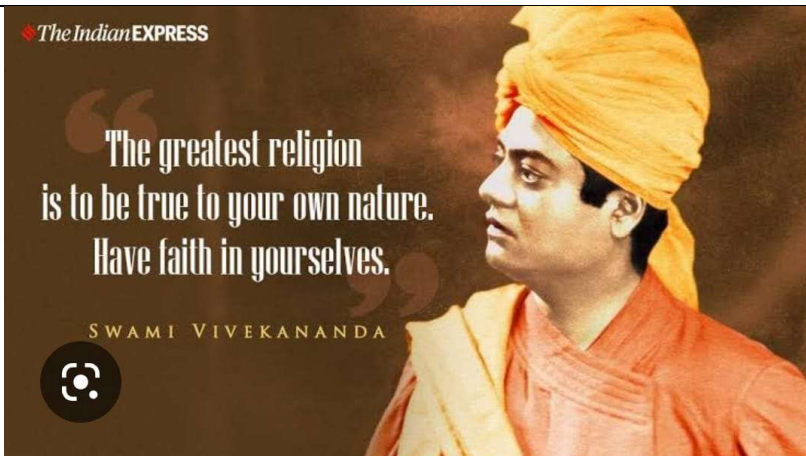
Event name:	**An Essay Competition on History of Gujarat**
Date & Time:	Date: 7th June, 2023 Venue: K.D.Polytechnic Patan
No. of Students Participated	03
Photograph1:	
Photograph2:	

Computer Department Participation in Gymkhana Activities
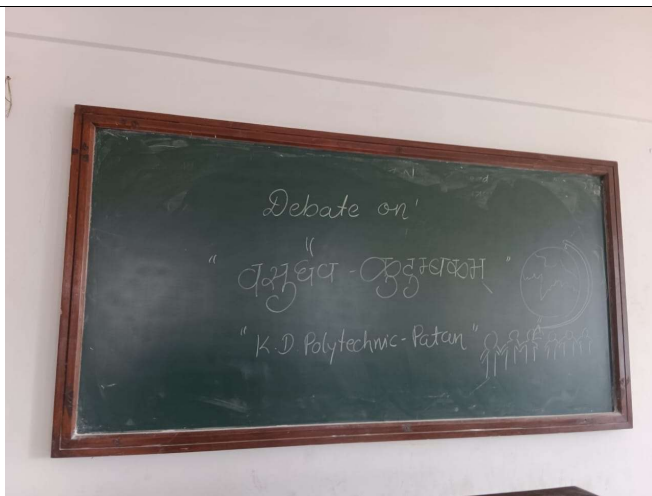
Computer Department students actively participated in various activities organized by Gymkhana Cell

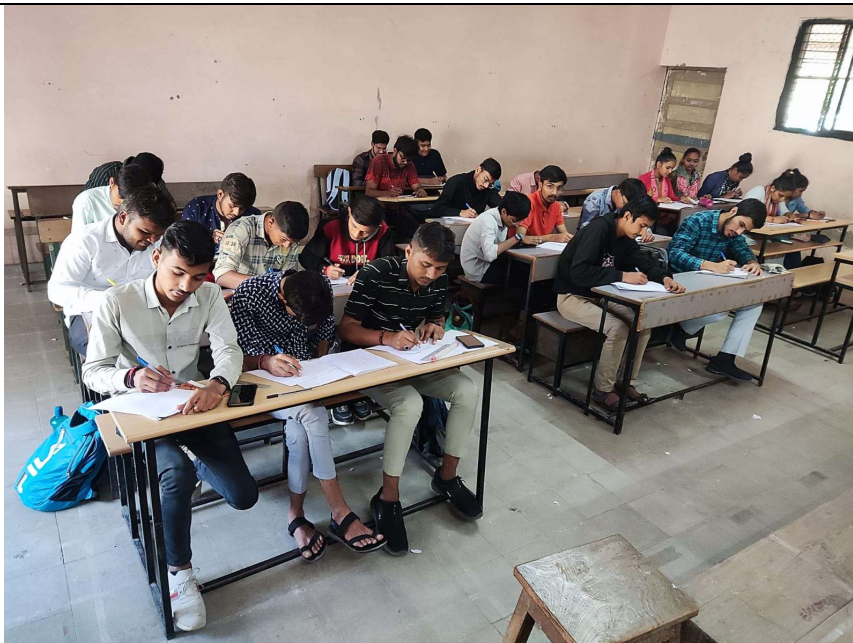|	
Event name:	**Consumer Awareness and Cyber Security**
Date & Time:	10/1/2023 at 01:00 pm
Description for e-newsletter:	Telecom Regulatory Authority of India, organised an online webinar on " Consumers Awareness and Cyber Security" on dated 10/01/2023, from 10:00 am to 01:00 pm (online). Gymkhana of this institute circulated link to join program to all departments and instructed to circulate the same to all students of this institute. Faculties and Students of this institute followed the instructions and they have joined in the organised program by given link. Students acquired very fruitful knowledge by this program and enjoyed lot.
Photograph1:	
Photograph2:	

Event name:	**National Yuva Day**
Date & Time:	12/1/2023 , 3:00 pm to 04:00 pm
Description for e-newsletter:	Organised an online webinar on " National Yuva Day" on dated 12/01/2023, from 3:00 pm to 04:00 pm (online). Gymkhana of this institute circulated circular to join program to all departments and instructed to circulate the same to all students of this institute. Faculties and 45 Students of Computer Department followed the instructions and they have joined in the organised program. Students inspired by this program and motivated with this seminar.
Photograph1:	
Photograph2:	

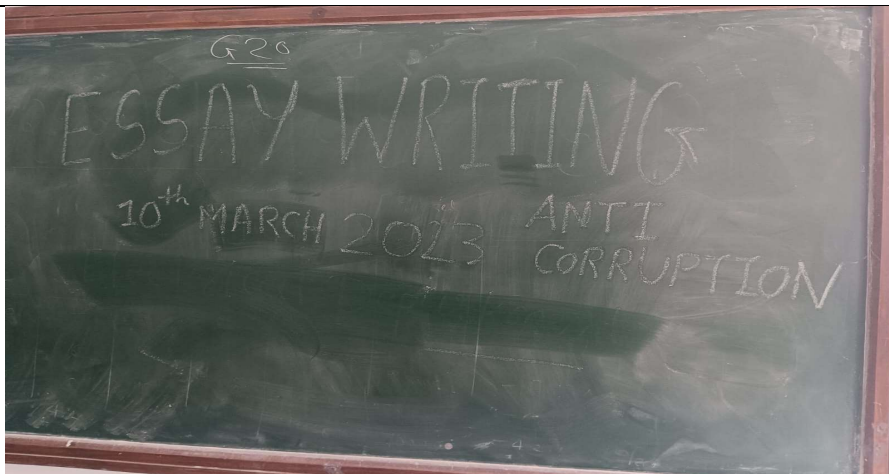|	
Event name:	**Debat on vasudhev kutumbakam**
Date & Time:	19/01/2023, 3:00 pm to 04:00 pm.
Description for e-newsletter:	Organised a "Debate" on dated 19/01/2023, from 3:00 pm to 04:00 pm. Gymkhana of this institute circulated circular to take part in the program to all departments and instructed to circulate the same to all students of this institute. Faculties and Students of this institute followed the instructions and they have participated in the program. Students inspired by this program and motivated with this debate
Photograph1:	
Photograph2:	

Event name:	**Republic Day Celebration**
Date & Time:	26/01/2023, 8:30 am to 9:30am
Description for e-newsletter:	Organised a flag hoisting on dated 26/01/2023, from 8:30 am to 9:30am. Gymkhana of this institute circulated message to all departments and instructed to circulate the same to all students of this institute. Faculties and Students of this institute followed the instructions and they have joined in the organised program.
Photograph1:	
Photograph2:	

Event name:	**Essay writing on G20/Y20**
Date & Time:	8/2/2023, 1:40 pm to 2:40 pm
Description for e-newsletter:	Organised a "Essay Competition" on dated 8/02/20223, from 1:40 pm to 2:40 pm. Gymkhana of this institute circulated circular to take part in the program to all departments and instructed to circulate the same to all students of this institute. Faculties and Students of this institute followed the instructions and they have participated in the program. Students inspired by this program and motivated and certified.
Photograph1:	
Photograph2:	

Event name:	**Y20 Seminar**
Date & Time:	8/2/2023, 3:00 pm to 04:00
Description for e-newsletter:	Organised a "Y20 seminar" on dated 08/02/2023, from 3:00 pm to 04:00 pm. Gymkhana of this institute circulated circular to take part in the program to all departments and instructed to circulate the same to all students of this institute. Faculties and Students of this institute followed the instructions and they have participated in the program. Students inspired by this program and motivated with this debate
Photograph1:	
Photograph2:	

Event name:	**Quiz on The Environment and Climate Sustainability**
Date & Time:	23/2/2023, 1:00PM
Description for e-newsletter:	The Environment and Climate Sustainability Quiz Competition, held on February 2, 2023 at Room No. N2, CP Building, was a showcase of knowledge and quick thinking skills. Mr. R. K. Prajapati and Mr. U. V. Patel expertly coordinated the event, attracting a large number of participants, totaling 9 teams took part in the competition. The competition was conducted in a fair and organized manner, and all participants were given equal opportunities to showcase their knowledge and skills. The questions were challenging, covering a variety of topics including environment and climate change. In the end, winning team, with the top score, was awarded a certificate.
Photograph1:	
Photograph2:	

Event name:	**Essay writing on Anti-Corruption**
Date & Time:	10/3/2023, 3 pm to 4 pm
Description for e-newsletter:	Organised an Essay Writing on Anti-Corruption on dated 10 March 2023, from 3 pm to 4 pm. Gymkhana of this institute circulated circular to take part in the program to all departments and instructed to circulate the same to all students of this institute. Faculties and Students of this institute followed the instructions and they have participated in the program. Students inspired by this program and motivated with the certificate.
Photograph1:	
Photograph2:	

Event name:	**Webinar on Women Development Online**
Date & Time:	14/03/2023, 11:30am
Description for e-newsletter:	Attended the webinar on dated 14th March 2023, from 11:30am to 12:30pm. Gymkhana of this institute circulated circular and link to join in the webinar to all departments and instructed to circulate the same to all students of this institute. Faculties and Students of this institute followed the instructions and they joined in the webinar. Girls Students inspired by this program and motivated with the certificate.
Photograph1:	
Photograph2:	

Event name:	**Vyasan Mukti Lokjagruti**
Date & Time:	27/03/2023, 11:00am
Description for e-newsletter:	Gymkhana of this institute organized an event for first year students of all departments of this institute and the event titled "Seminar on Vyasan Mukti". Gymkhana coordinator motivated students to participate in the program. Faculties and students participated well and they acquired incredible awareness about vyasan mukti. Patan Police given a fruitful presentation on Cyber Crime Awareness and Shri Mahesbhai, Arogya vibhag, patan addresses to students and faculty and given a nice presentation on Cyber crime awareness.
Photograph1:	
Photograph2:	

Event name:	**Sports Week**
Date & Time:	05/04/2023 to 11/05/2023
Description for e-newsletter:	As per the instruction from DTE and GTU, organised a Sports Week on dated from 5th April 2023 to 11th April 2023 (4 Days). Gymkhana of this institute circulated circular for registration to all departments and instructed to circulate the same to all students of this institute. Faculties and Students of this institute followed the instructions and they have registered in the organised Games. Students played well in all the games and were certified by the institute.
Photograph1:	
Photograph2:	

Event name:	**Day Celebration**
Date & Time:	05/04/2023 to 11/05/2023
Description for e-newsletter:	As per the instruction from DTE and GTU, organised a Day Celebration Week on dated from 5th April 2023 to 11th April 2023 (4 Days). Gymkhana of this institute circulated circular for registration to all departments and instructed to circulate the same to all students of this institute. Faculties and Students of this institute followed the instructions and they involved in the traditional dressing and garba and Signature Day.
Photograph1:	
Photograph2:	

Event name:	**Thalassemia test**
Date & Time:	25/4/2023, 10 am to 3 pm
Description for e-newsletter:	Organised a Thalassemia Test on 25th April 2023. Gymkhana of this institute contacted Red Cross Society Ahmedabad for the test, circulated and instructed to circulate the same to all first year students of this institute. Faculties and Students of this institute followed the instructions. Red Cross Society Ahmedabad arrived in the institute, inform about the importance of the test and had taken the blood sample of the Students. They will provide the report within a week.
Photograph1:	
Photograph2:	

Event name:	**Hinsa Mukti Seminar**
Date & Time:	5/5/2023, 3 pm to 4 pm
Description for e-newsletter:	Organised on dated 5th may 2023, from 3 pm to 4 pm. Gymkhana of this institute circulated circular to take part in the program to all departments and instructed to circulate the same to all students of this institute. Faculties and Students of this institute followed the instructions and they have participated in the program. Students were aware about Hinsa Mukti by this seminar and motivated.
Photograph1:	
Photograph2:	

Event name:	**Yoga Day -2023**
Date & Time:	21/06/20223
Description for e-newsletter:	Organised a Yoga Day on dated from 21st June, 2023. Gymkhana of this institute circulated circular to all departments and instructed to circulate the same to all students of this institute. Faculties and Students of this institute followed the instructions and remain present in the Yoga. Students and Faculties did the Yoga in the institute. All enjoyed the Yoga and understood the benefit of Yoga and health
Photograph1:	
Photograph2:	

Computer Department SSIP and TPO cell activities
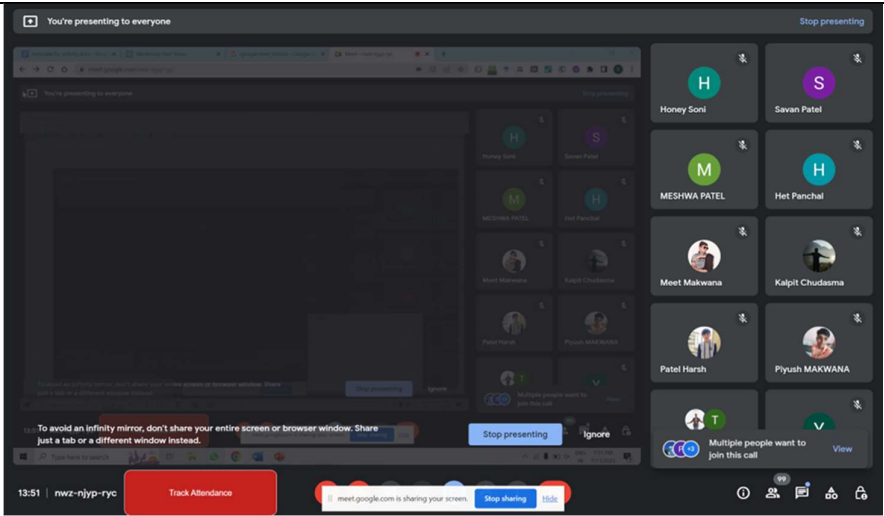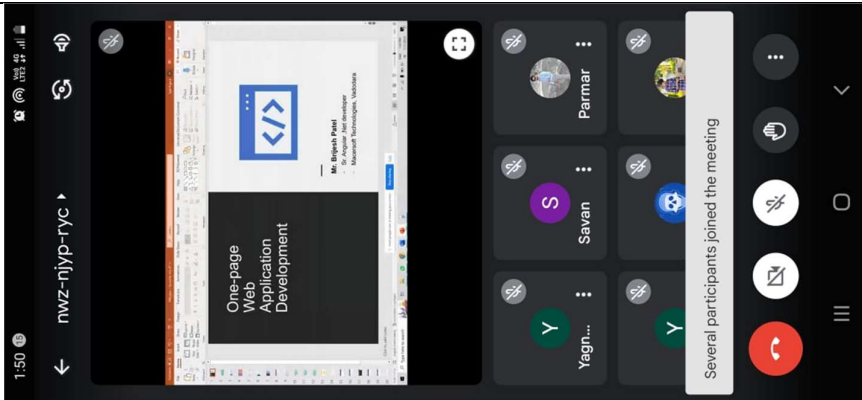
Event name:	**Job Fair 2023**
Date & Time:	16 March 2023 (HNGU, PATAN)
Description for e-newsletter:	KCG, Government of Gujarat organized a Job Fair on 16th March 2023. The event witnessed active participation from students from all departments. Notably, 41 students from the Department of Computer Engineering enthusiastically took part in the fair. As a result of their remarkable skills and potential, 3 students from the department were selected by esteemed employers during the fair. This event provided an excellent platform for students to showcase their talents and connect with prospective employers, further fostering opportunities for their future careers.
Photograph1:	
Photograph2:	

Event name:	IBM Skills Build Job Readiness Workshop
Date & Time:	31 Jan 2023 (KDP, PATAN)
Description for e-newsletter:	The Placement Cell at KDP Patan organized a workshop titled "IBM Skills Build Job Readiness Workshop." This workshop provided students with a valuable opportunity to avail themselves of free online skill-based training to enhance their job readiness. Throughout the workshop, participants gained insights into the essential skills necessary to secure desirable employment through engaging masterclasses and self-paced learning activities. Total of 242 students from computer engineering department registered and actively participated in this workshop.
Photograph1:	
Photograph2:	

Event name:	**Overseas Education and Career Progression**
Date & Time:	02 May 2023
Description for e-newsletter:	HYTECH EDUCATION PATAN conducted an expert session on Overseas Education and Career Progression. The session was conducted by Mr. Ankur Pancholi, Branch Head at HYTECH EDUCATION PATAN. The session aimed to provide valuable insights into the opportunities and advancements available in pursuing higher education abroad and the subsequent career progression prospects. 47 Students from computer engineering department participated in this event.
Photograph1:	
Photograph2:	

Event name:	One-page Web Application Development
Date & Time:	06/05/2023 (Saturday) 02:00 PM Online Mode
Description for e-newsletter:	Mr. Brijesh Patel, a Senior Angular .Net Developer from Macersoft Technologies in Vadodara, conducted an expert session on One-page Web Application Development. This session attracted the participation of 97 students. Mr. Brijesh Patel, with his extensive experience in the field, shared valuable insights and practical knowledge related to developing one-page web applications.
Photograph1:	
Photograph2:	

Event name:	**Azadi ka Amrit Mahotsav Hackathon 2023 Grand Finale**
Date & Time:	10th and 11th Feb 2023 (Veer Narmad South Gujarat University, Surat)
Description for e-newsletter:	The grand finale of the Azadi ka Amrit Mahotsav Hackathon 2023 was jointly organized by SSIP (Student Startup and Innovation Policy) and GKS (Gujarat Knowledge Society) at Veer Narmad South Gujarat University, Surat. In this prestigious event, a team of 6 students enthusiastically participated. Their project, titled "Online Birth and Death Registration System," showcased their innovative approach towards addressing a critical societal need.
Photograph1:	
Photograph2:	

Student Achievements

ESSAY COMPETITION ON HISTORY OF GUJARAT			
WINNER LIST			
SR NO	ENROLLMENT NO	NAME	RANK
1	226310307034	KHAMAR ASTHA MAYURBHAI	1
2	226310307175	PUROHIT DARSHANA JAYANTIBHAI	2
3	226310307014	CHUDASAMA KALPIT DINESHBHAI	3

QUIZ COMPETITION ON HISTORY ENVIRONMENT AND CLIMATE SUSTAINABILITY		
WINNER LIST		
SR NO	ENROLLMENT NO	NAME
1	226310307228	TRIVEDI MESHVA PARESHBHAI
2	226310307055	MODI PARI SANJAYKUMAR

Computer Department girls got 2nd Rank in kho kho match ,sports week 2023 held at K.D.Polytechnic ,Patan		
WINNER LIST		
Sr. No	ENROLLMENT NO	NAME
1	216310307029	PATEL SHRIYA J.
2	216310307188	JANI RIYA H.
3	216310307147	CHAUHAN TISHA H.
4	216310307050	PRAJAPATI HELI M.
5	216310307063	SONI HONEY H.
6	206310307107	PATEL AARGEE R.
7	216310307174	YADAV POONAM R.
8	216310307054	BODAT BHAGYESVARI S.

Computer Department students got 1st Rank in Poster Presentation in International Techfest - at Swami Sachchidanand Polytechnic College - Visnagar		
WINNER LIST		
SR NO	**ENROLLMENT NO**	**NAME**
1	206310307115	VANKAR KAJAL
2	216310307040	THAKKAR MEGHA

GTU Result (Winter-2022)

Diploma Semester 1				
Sr. No.	**Enrolment No.**	**Name**	**SPI**	**Photograph**
1	226310307027	HET HITESHKUMAR THAKKAR	9.57	
2	226310307055	MODI PARI SANJAYKUMAR	9.19	
3	226310307058	MODI SUMIT NITINKUMAR	9	
Diploma Semester 3				
Sr. No.	**Enrolment No.**	**Name**	**SPI**	**Photograph**
1	216310307105	RAVAL SHITTALBEN JAYESHBHAI	9.9	
2	216310307026	PRAJAPATI SHAILESH MAHADEVBHAI	9.43	

| 3 | 216310307072 | GOTHI NAMAN DEVDATTBHAI | 9.33 | |

Diploma Semester 5

Sr. No.	Enrolment No.	Name	SPI	Photograph
1	206310307095	VYAS VISHVA PRAFULCHANDRA	10	
2	206310307093	DARJI JAY VINODKUMAR	9.7	
3	206310307089	DARJI PRINCE KANUBHAI	9.67	

Artist Corner

A Beautiful Sketch on Lord Ganesha by Vrushabh Sathwara...

Team Newsletter

Smt.B.I.Saini	*Lecturer Department of Computer Engineering*
Shri. K.M.Madhu	*Lecturer Department of Computer Engineering*
Shri. N.A.Patel	*Lecturer Department of Computer Engineering*
Shri. K.D.Prajapati	*Lecturer Department of Computer Engineering*
Mr.Ritik Joshi	*Student Volunteer*
Mr.Chintan Panchal	*Student Volunteer*
Mr.Vrushabh Sathwara	*Student Volunteer*