CSMSS
CHHATRAPATI SHAHU MAHARAJ SHIKSHAN SANSTHA'S
COLLEGE OF POLYTECHNIC
KANCHANWADI, PAITHAN ROAD, CHH.SAMBHAJINAGAR
COMPUTER ENGINEERING DEPARTMENT
CONTACT NO. 0240-2646406,402,404

MAGAZINE

ACADEMIC YEAR 2023-24

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DEPARTMENT VISION

- To provide skilled technical professionals in Computer Engineering for fulfilling needs of industry and society.

DEPARTMENT MISSION

- Inculcate the fundamental and practical skills in the students through effective teaching-learning process.
- Create skilled technical professionals to enhance innovations, problem solving, team-spirit and ethical responsibilities.
- Training faculty and students in order to meet the challenges of socio-technical environment through industry and institute.

About Department:

Computer Engineering department was established in 2009. It has great scope for people as it provides employment and has the capability to generate huge foreign exchange in flow for India. India exports software's and services to approximately 95 countries in the world. By outsourcing to India, many countries get benefits in terms of labor costs and business processes. Also, the Indian companies are broadening the range of services being provided to the customers, which is resulting in more off shoring. Talent acquisition, development and retention initiatives taken by the companies have brought down the employee attrition rates, thereby providing more stability to the employees and increasing their job commitment.

Computer software engineers apply the principles of computer science and mathematical analysis to the design, development, testing, and evaluation of the software and systems that make computers work. Software engineers can be involved in the design and development of many types of software, including computer games, word processing and business applications, operating systems and network distribution, and compilers, which convert programs to machine language for execution on a computer.

One area where opportunities are expanding for qualified computer engineers is in the robotics industry. The unique skills of the computer engineer is helping to move robotics forward, by making the best use of traditional electronic technology and the latest in computer generated applications. The computer engineer can find significant opportunities within robotics to purse the design of new motors, improved communication devices, and more sensitive sensors that can help robotic equipment function more efficiently.

PEO & PSOs

PEO 1

Provide socially responsible, environment friendly solutions to Computer Engineering related broad-based problems adapting professional ethics.

PEO 2

Adapt state-of-the-art Computer engineering broad-based technologies to work in multidisciplinary work environments.

PEO 3

Solve broad-based problems individually and as a team member communicating effectively in the world of work.

PSO 1 - Computer Software and Hardware Usage

Use state-of-the-art technologies for operation and application of computer software and hardware.

PSO 2 - Computer Engineering Maintenance

Maintain computer engineering related software and hardware systems.

DEPARTMENT ADMISSIONS

Sanction Intake	Total number of students, admitted
120	119

STUDENT ARTICLES

SALONI JARWAL
CO FIRST YEAR 2023-2024

IS ONLINE STUDY BETTER THAN THE TRADITIONAL ONE..?.

E-learning is very essential in the present condition. We are marching towards the new technological innovations. There are tremendous changes in all walks of life. It has become possible due to technological advancement. Everything became online.

Online Learning is more convenient for students; it saves valuable time, money, and energy. One of the best advantages of online learning is that individuals can take a course from the comfort of their office or home. In spite of one's busy schedule, one can find some spare time to take a course or study for it.

So, an online study is more suitable for them. Because virtual learning gives us a chance to make a choice. As per our interest, we select the mode of learning. But traditionally it did not happen. There was a lack of proper learning resources. Only books were a means of learning. Today we can see that online study made everything easy. We can access online book notes, videos, audios, various learning techniques etc.. Another very important advantage of online study is that one need not carry books with us now and then rather than we can access anything online as per our requirement. We need not preserve it manually.

Online learning has been hugely popular in the fast-changing world and global competitiveness. E-Learning became more convenient than the traditional one as it tempts the students to have full involvement in the learning by creating an audio-visual image in the mind.

According to me, there are various benefits of e-learning:

1. Students learn more than they do in traditional methods.
2. Retention rates are higher with online learning
3. Online learning requires less time investment
4. It is choice-based so one can go for more options.
5. E-Learning is the need of time. It helps one to do his best.
6. Quick feedback is possible in online learning.

One of the most important advantages I think that online study develops discipline among the students. One can stick to time and become punctual. Good habit formation is also done through online study. If we read something it can be remembered for a long time and if we forgot we have quick access to the internet.

Through online learning, one can keep oneself updated with advanced technology and learn as per requirement. Hence in my view, online study is much better than the traditional one.

VARAD VADYA
CO THRD YEAR 2023-2024

TOP TRENDING TECHNOLOGIES

1. Artificial Intelligence (AI)

Artificial intelligence (AI) refers to the simulation of human intelligence in machines that are programmed to think like humans and mimic their actions.

2. Machine Learning

In classic terms, machine learning is a type of artificial intelligence that enables self-learning from data and then applies that learning without the need for human intervention.

3.Robotic Process Automation or RPA

RPA robots utilize the user interface to capture data and manipulate applications just like humans do.

4. Edge Computing

Edge computing is a distributed, open IT architecture that features decentralized processing power, enabling mobile computing and Internet of Things (IoT) technologies.

5. Virtual Reality and Augmented Reality

Augmented reality (AR) adds digital elements to a live view often by using the camera on a Smartphone. Examples of augmented reality experiences include Snap chat lenses and the game Pokémon Go. Virtual reality (VR) implies a complete immersion experience that shuts out the physical world.

6. Cyber security

Cyber security refers to the body of technologies, processes, and practices designed to protect networks, devices, programs, and data from attack, damage, or unauthorized access.

7. Blockchain

A block chain is a digital record of transactions. The name comes from its structure, in which individual records, called blocks, are linked together in single list, called a chain.Blockchains are used for recording transactions made with crypto currencies, such as Bit coin, and have many other applications.

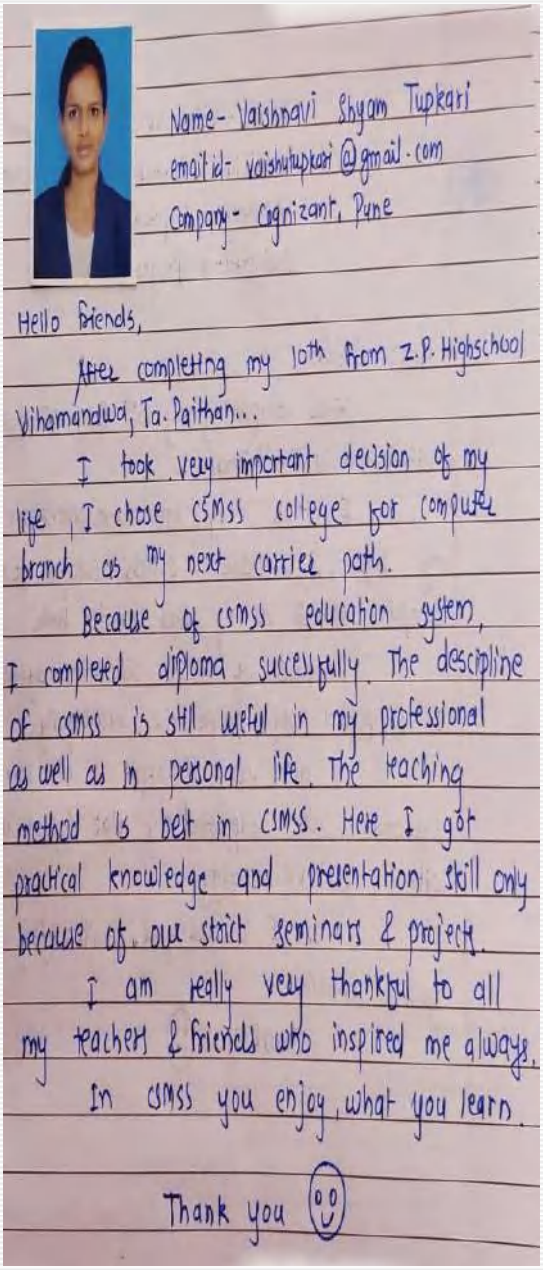
8. Internet of Things (IoT)

The Internet of things describes the network of physical objects that are embedded with sensors, software, and other technologies for the purpose of connecting and exchanging data with other devices and systems over the Internet.

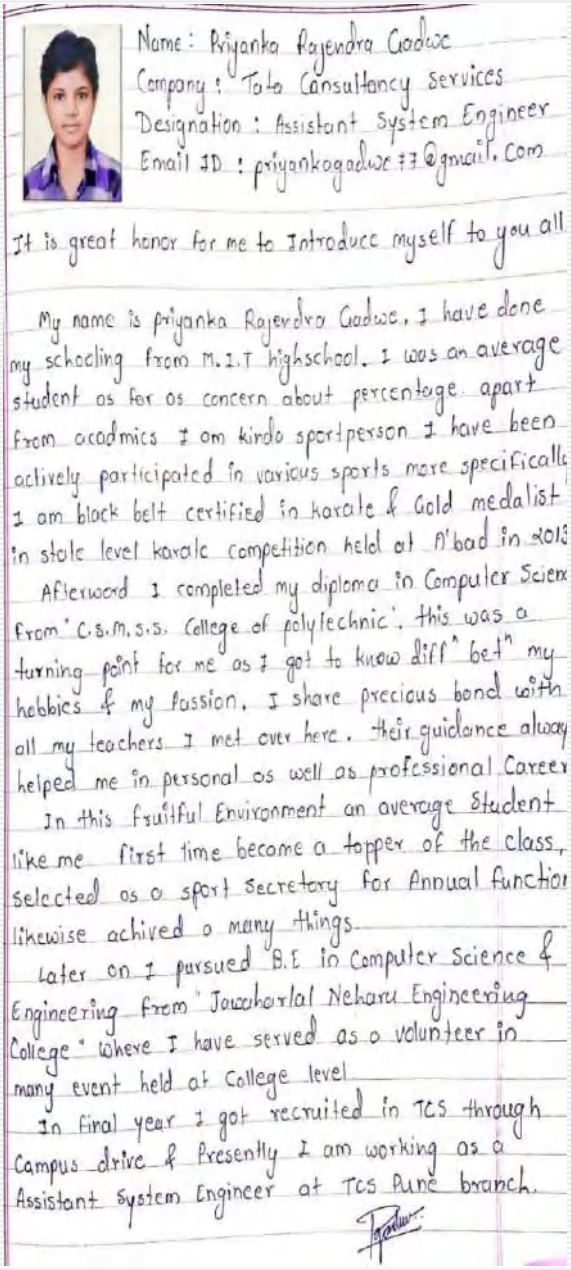
TOPPERS LIST

1	OM RAJKUMAR VARMA	CO FY	83.38	I
2	LOLGE KARTIKI PRAFUL	CO FY	81.33	II
3	SHIMPNE ANWAY SURAJ	CO FY	78.5	III
4	PAWAR KOMAL SANTOSH	CO SY	89.2	I
5	VAIDYA VARAD DIGAMBARAPPA	CO SY	88.53	II
6	PATIL SAGAR UTTAM	CO SY	85.76	III
7	LAKADE VAISHNAVI MANOHAR	COTY	94.46	I
8	FALKE MAYURI SANTOSH	COTY	91.83	II
9	JAYSHREE PARDE	COTY	90.69	III
10	DAUD RENUKA BALASAHEB	COTY	90.69	III

ALUMNI VOICE



VAISHNAVI TUPKARI
SOFTWARE DEVELOPER
COGNIZANT, PUNE



PRIYANKA GADWE
ASSISTANT SYSTEM ENGINEER
TCS, PUNE

Articles by Students

महिला दिन विशेष कविता :सोड तो पिंजरा..

उघड सखे, उघड सखे
उघड ते बंद दार,
का बरं स्वतः ला कोंडून
बसली आहेस एकटीच आत!

का बरं येत आहे तुझ्या रडण्याचा आवाज,
का जीव तोडून एवढी रडत आहेस आज,
तू एवढी कमकुवत आहेस का ?
हे तू जरा स्वतःलाच विचार आज..

का गरज पडत आहे तुला आधाराची,
निराधार मनाने स्वार करून भिड या जगाशी.
किती वेळ, किती दिवस, बसशील या बंद दरवाज्यात,
सर्वांची मने जपता जपता एकटीच गुदमरून
मरून जाशील आतल्या आत.

लोकांचा विचार करता करता
एवढी वर्षे तू ओलांडलीस,
सर्वांच्या आवडी निवडी जपता जपता
तू स्वतः लाच विसरून गेलीस?

दुसऱ्यांच्या आनंदात आनंद मानून
जगत आली आहेस तू
पण स्वतःचा आनंद शोधण्याचा
कधी प्रयत्न तरी केला आहेस का तू?

आता तरी जग स्वतःसाठी,
दुसऱ्यासाठी रडणं बंद करून
घे की थोडासा मोकळा श्वास!
दुसऱ्यासाठी रडता रडता, तुझा स्वतः चा श्वास घ्यायला तुला
जड चालला आहे,
हे विसरून जाऊ नकोस आज.

आता सोड हा पिंजरा, मनाचा पिंजरा मोकळा कर आज
तू काय चीज आहेस
हे दाखवून दे जगाला आज.

तू एकटी नाहीस, तुझ्या अंगी आहे
नऊ देवींची शक्ती
या नऊ देवींचे रूप
धारण करून दाखवून दे की तुझी कीर्ती!!

तू एवढी खंबीर आहेस की
तुला गरज नाहीये कोणाची
शस्त्रांनी जरी वार केलाच
तर तू लढ आणि ढाल बन स्वतःची.

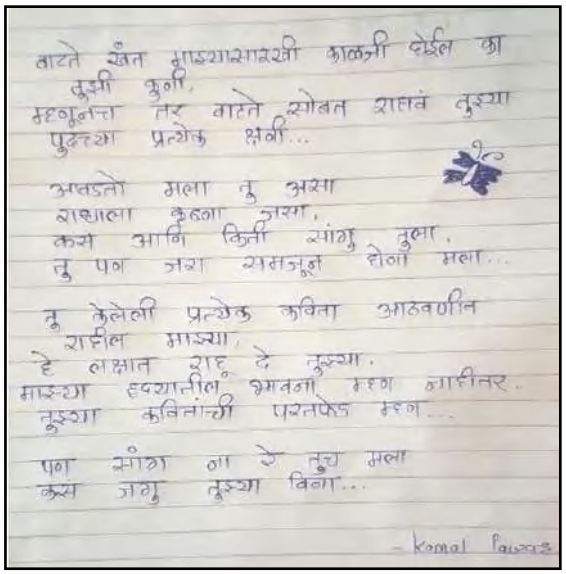
आज महिला दिनानिमित्त होतो
कर्तुत्ववान महिलांचा आदर
तू पण असशील त्यात
जेव्हा दाखवशील तू तुझी कसब!

आज लढ स्वतः साठी,
आज हस स्वतःसाठी,
आज आवडी निवडी शोध स्वतःसाठी,
काहीतरी कर स्वतःसाठी,
काहीतरी बन स्वतःसाठी,
फक्त ताठ मानेनं जग या जगात फक्त स्वतःसाठी!!

माहित आहे तू पडशील, धडपडशील, खचशील पण तू हार
मानू नकोस
माझं एक वाक्य कायम लक्षात ठेव,
आज संघर्ष करावा लागेल तुला, पण उद्याची सकाळ फक्त
तुझीच असेल हे विसरून जाऊ नकोस, हे विसरून जाऊ
नकोस.

नाव : आस्था केंद्रे
सी.एस.एम.एस.एस. कॉलेज ऑफ पॉलिटेक्निक
कांचनवाडी, संभाजी नगर

ASTHA KENDRE (CO-FY)



KOMAL PAWAR (CO-TY)

Paintings by Students

SHRUSHTI RAJPUT (CO-SY)

MANASI DASHRATHE (CO-SY)

SHRUSHTI RAJPUT (CO-SY)

SAMARTH DESHMUKH (CO-TY)

KHUSHI GUPTA (CO-SY)

KHUSHI GUPTA (CO-SY)

MADHAVI UDAVANT (CO-SY)

KHUSHI GUPTA (CO-SY)

KHUSHI GUPTA (CO-SY)

PAYAL KHILLARE (CO-SY)

Student's Achievements

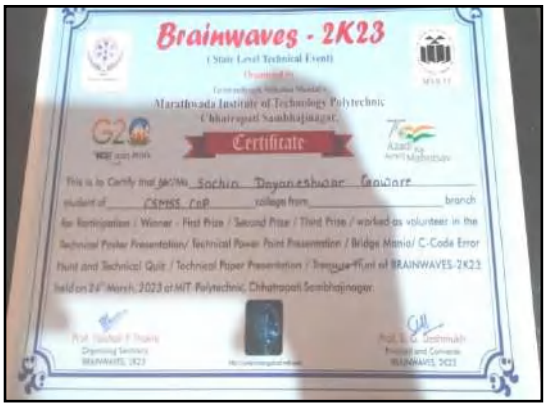
KHUSHI GUPTA (CO-SY)

GAYATRI NAVALE (CO-FY)

PRAJAKTA IGHE (COSY)

SACHINE GAWARE (CO-SY)

PRAJAKTA IGHE (CO-SY)



SACHINE GAWARE (CO-SY)

Annual Social Gathering- POLY-Fest-2K24

CSMSS

COLLEGE OF POLYTECHNIC

ANNUAL SOCIAL GATHERING

POLY-FEST -2K24

Respected sir/madam,
You are cordially invited for the program of Annual Social Gathering 2023-24. It would be a great honour for your valuable presence and guidance.

PROGRAM SCHEDULE

Sr. No	Event	Time	Date	Venue
1	SPORTS INAUGURATION OUTDOOR	10:30 AM	02/01/2024	LATE. HARIBHAU MULAY AUDITORIUM
2	SPORTS INAUGURATION INDOOR	11:00 AM	02/01/2024	NARVEER TANAJI MALUSARE KRIDA SANKUL
3	GRANTH DINDI	10:30 AM	06/01/2024	POLYTECHNIC MAIN BUILDING
4	CULTURAL PROGRAM	12:30 PM	07/01/2024	LATE. HARIBHAU MULAY AUDITORIUM
5	PRIZE DISTRIBUTION	10:30 AM	08/01/2024	LATE. HARIBHAU MULAY AUDITORIUM
6	REFRESHMENT	12:30 PM	08/01/2024	POLYTECHNIC BUILDING

From
All Staff, Student & Principal
CSMSS College of Polytechnic, Chh. Sambhajinagar.

Along with the academic suppliant, Participation in the annual gathering aids in the development of social skills and emotional intelligence. As students learn to communicate effectively, resolve conflicts, understand different perspectives, and build stronger bonds by collaborating with their peers for various events.

Through social activities students are able to relax their mind and unwind. These activities help enhance their concentration power by relieving their tensions by giving them a break from hectic academic schedule.

The Annual social gathering Poly Fest-2K-24 is celebrated in two parts first part includes indoor sports and outdoor sports whereas the second part includes cultural activities. It started with Sports, which include indoor and outdoor sports.

Sports

Sports develop the physical as well as mental strength in students. Sports not only contribute to shaping students' personality but also Enhances academic performance significantly.

Under outdoor sports students (girls and boys) enjoyed and participated in Cricket, Volleyball, Basketball, Kabaddi.

Under indoor sports students (girls and boys) enjoyed and participated in Chess, Carom, Badminton.

1. The inauguration ceremony took place by the hands of Hon. Administrative officer CSMSS, Dr. Shrikant G. Deshmukh in the gracious presence of Dr. Lata Kale, Dean Dental College and Hospital, Dr. D. K. Shelke, Director College of Agriculture, Shri A. B. Aher, H.R. CSMS Sanstha, Dr. U. B. Shinde, Principal CSMSS Chh. Shahu College of Engineering, Dr. G. B. Dongre, Principal College of Polytechnic.

Outdoor sports Inauguration

Girls Cricket winner team- CO

Kabaddi

Indoor sports Inauguration

BADMINTON

Indoor- Chess and Carom Inauguration

Carom Chess

CULTURAL

Cultural events have their own color and are very unique in their own way. Social gatherings and events can be a great way to learn new things and to expand our horizons. It is a great way to learn about different cultures, lifestyles, and perspectives.

Under cultural activities students Celebrated the following days.

1. Mismatch Day -03-01-2024
2. Saree Day/Tie Day. -04 -01-2024
3. Twins Day-05-01-2024
4. Cap Day -06-01-2024

Mismatch Day

Twins Day

Saree Day

Cultural events hold significance in students life as they provide a platform for students to showcase their heritage, build strong social bonds and promote inclusivity. In today's diverse and interconnected world, cultural events play a significant role in nurturing understanding, appreciation, and unity among individuals from different backgrounds. Cultural events make students feel more connected to their college campus and community, which can help lessen feelings of isolation and loneliness. This sense of belonging can also assist them in developing a positive self-image, which is essential for overall health.

GRANTH DINDI

Education is considered to be one of the most important factors in human development.Book is the reliable source of information and knowledge.The Granth Dindi or procession of books is a way of inspiring studentsand making them re-discover the magic of books. To realize the need of books and to revitalize our own tradition, Granth Dindi was organized as a part of Poly Fest 2K24.

In the morning, students, dressed as Chatrapati Shivaji Maharaj and in ethnic wear were part of a unique 'Granth dindi' procession. The Granth Dindi was helmed by Hon. Administrative officer CSMSS, Dr. Shrikant G. Deshmukh in the cordial presence of Dr. Lata Kale, Dean Dental College and Hospital, Dr. D. K. Shelke, Director College of Agriculture, Shri A. B. Aher, H.R. CSMS Sanstha, Dr. U. B. Shinde, Principal CSMSS Chh. Shahu College of Engineering, Dr. G. B. Dongre, Principal College of Polytechnic, all teaching faculties and the students of CSMSS College of Polytechnic were presented for this activity.

The Bhagavad-Gita was kept on a well-decorated Palkhi and photo frame of Ch. Shahu Maharaj was there, highlighting the value of literature and social equality. During the procession inWarkari Dindithe students performed a mesmerizing dance, girls played fugdi, they recited abhang and the campus was filled with vitthalvitthal. The beats of dholtasha and the lezim performance made the procession, wherein books were carried in a palkhi, a sight to behold. The procession, was taken out from CSMSS College of Polytechnic on CSMSS campus paths. Students came out in huge numbers for the Granth Dindi.

PRIZES- POLYFEST 2K24 Of CO DEPARTEMENT (SPORTS)				
SR.NO.	NAME OF EVENT	FULL NAME OF STUDENT	CLASS	REMARK
1	Cricket (Girls)	Prachi Gajanan Rajguru	CO	Winner
		Vaishnavi vijay Pophale		
		Vaishnavi Dipak Shinde		
		Shivani Bhagwan Shinde		
		Rutuja Santosh Vibhute		
		Pallavi Rajesh chavan		
		Khushi Omprakash Gupta		
		Khushi GirishTopare		
		Soham Vishnu Shelke		
		Divya Ganesh Surashe		
		Bhakti Anand Hingmire		
		Dhanshri Pradeep Sonawane		
		Shweta Sanjay Nikam		
		Priti vitthalchathe		
		Prachi GajananBinayke.		
3	Cricket(Boys)	Kunal Dipak Dandge	CO-SY	Winner
		Sachin Rameshwar Gunjal (C)		
		Kunal Sandip Khambat		
		Aditya Datta Jadhav		
		Rushikesh Yogesh Jadhav(VC)		
		Abhijeet Santosh Jadhav		
		Vikas Bhagwan Nirashe		
		Pratik Amind Dandge		
		Pralhad Shivaji Chape		
		Rohan Narayan Khole		
		Rupesh Hanuman Matkar		
		Adesh Shivaji Dhabadkar		
		Atharv Vasantrao Joshi		
		Kunal Rajendra Gaikwad		
		Prathamesh Nagesh Ladole		
		Kartik Bahiranath Padme		
5	Basketball	Bodkhe Samadhan Ajinath	CO-TY	Winner
		Vaidya Varad Digambar		
		Patil Sagar Utam		
		Patil Niranjan Arun.		
		Thombre Gaurav Arun		
		Mali Atharv Shivaji		
		Sane Aniket Sudhakar		
		Patil Gaurav Bhagwan		
		AdhaneOm.Gavnaji		
		Adik Prem Raju		
6	Basketball	Shimpne Anway Suraj	CO-SY	Runner
		Navale Sarthak Ajinath		
		Pawar Vaibhav Kishor		
		Kale Mukesh Keshav		
		Khole Rohan Narayan		
		Surse Abhishek Pandurang		
		Pathe Mrutyunjay Kishor		

		Pinjarkar Nilkanth Rajesh		
		KedarPravin Ashok		
		ShirsathYuvrajJijaram		
8	Kabaddi(boys)	Prasad kishorpankar	COTY	Runner
		Samadhan ajinathbodkhe		
		Om gavnajiadhane		
		Atharv shivajimali		
		Prasad vilasthorat		
		Om santoshlande		
		Prem rajuadik		
		Dipak bhagwansurse		
		Kiran babanraowagh		
		Rupesh vishwaskurhade		
		Varad digambarvaidya		
		Nandan navnathlokhande		
9	Kabbadi (Girl's)	Rutuja. Santoshvibhute	CO	Winner
		Vaishanavi Vijay Pophale		
		shivanibhagwanshinde		
		PrachiGajananRajgure		
		Pallavirajeshchavan		
		khushiomprakashgupta		
		Vaishnavidipakshinde		
		Sweta Sanjay nikam		
		Sohamvishnushelke		
		VaishnaviKiranraoDeshmukh.		
		PoonamBabasahebPathade		
11	Volley Ball	Patil Niranjan Arun	CO-TY	Winner
		Patil Sagar Uttam		
		Vaidya Varad Digambar		
		Bodkhe Samadhan Ajinath		
		Thombre Gourav Arun		
		Sane Aniket Sudhakar		
		Mali Atharv Shivaji		
		Shendge Aashish		
		Patil Gauray Bhagwan		
		Wagh Nandan Bharat		
		Lande Om Santosh		
		Lokhande Nandan Navnath		
13	Badminton -girls	Anushka mundhe	CO-TY	Winner

PRIZES- POLYFEST 2K24 Of CO DEPARTEMENT (CULTURAL)				
SR.NO.	**NAME OF EVENT**	**FULL NAME OF STUDENT**	**CLASS**	**REMARK**
		Pratiksha dande	COTY	
		Gayatri jadhav		
2	Group dance bollywood remix	Vaishnavi gayke	COFY	1ST PRIZE
		Samiksha kolhe		
		Anushka kulkarni		
		Dipali gore		
3	Group dance bollywood remix	Bargalpayalbalkrishna	COTY	2ND PRIZE
		Chavan harshadavijay		
		Chipatesrushtideepak		
		Dande pratikshamaroti		
		Garudeprajaktipramod		
		Jadhav gayatri bhausaheb		
		Mali atharvshivaji		
		Waysalajitkanta		
		Kharat adityajiijarao		
4	Group dance bollywood remix	Sonuneanshuvishwas	COTY	3RD PRIZE
		Vetaltejaswinigorakh	COFY	
		Rojekarsamruddhiprashant		
		Rohit deshmukh		
		Omkeshtandle		
		Shravani dabhade	COSY	
6	Duet dance	Jadhav mayurishubhash	COTY	1ST Prize
7	Duet dance	Gupta khushiomprakash	COFY	2ND Prize
		Amruta sonawane	COSY	
8	Solo dance	Kharat mansiindrajeet	COSY	1ST Prize
9	Solo dance			2ND Prize
10	Singing	Siddhesh b. roadsamudre	COSY	1ST Prize
13	Antakshari	Sachin kishorhiwrale	CO	Winner
		Shelke kaverimahendra		
		Yaishnavi k. deshmukh		
		Yogesh Sananse (Jiva Mahala)	CO-TY	

INTER ENGINEERING DIPLOMA STUDENTS SPORTS ASSOCIATION (IEDSSA) 2024

VAISHNVI TUPE (CO-TY)

(Shot put-Runner up)

VAISHNVI POPHALE (CO-TY)

(Long jump- Winner)

PALLAVI CHAVAN (CO-SY)

(400m Running –Winner)

(Relay-Runner up)

AKASH GAIKWAD (CO-FY)

(Long jump – Runner up)

TEJSWINI VETAL (CO-TY) &
ANSHU SONUNE (CO-TY)

(Chess – Winner)

IEDSSA STATE LEVEL COMPETITION 2024

PALLAVI CHAVAN(CO-SY)

(400m Running –Runner up)

EXPERT LECTURE ON LATEST TECHNOLOGY BY ZUBAIR SHAIKH, CEO OF PRODUCTIVITY 365 ,CHH. SAMBHAJINAGAR

EXPERT LECTURE ONGIS & REMOTE SENSING DOMAIN BY PROF. HARSHWARDHAN KABIR, GIOTECH GIS TRAINING INSTITUTE, CHH. SAMBHAJINAGAR

EXPERT LECTURE ON ANIMATION & VFX BY MR. AMEY TRIBHUVAN, MAAC

INDUSTRIAL VISIT AT INDO GERMAN TOOL ROOM, CHH. SAMBHAJINAGAR

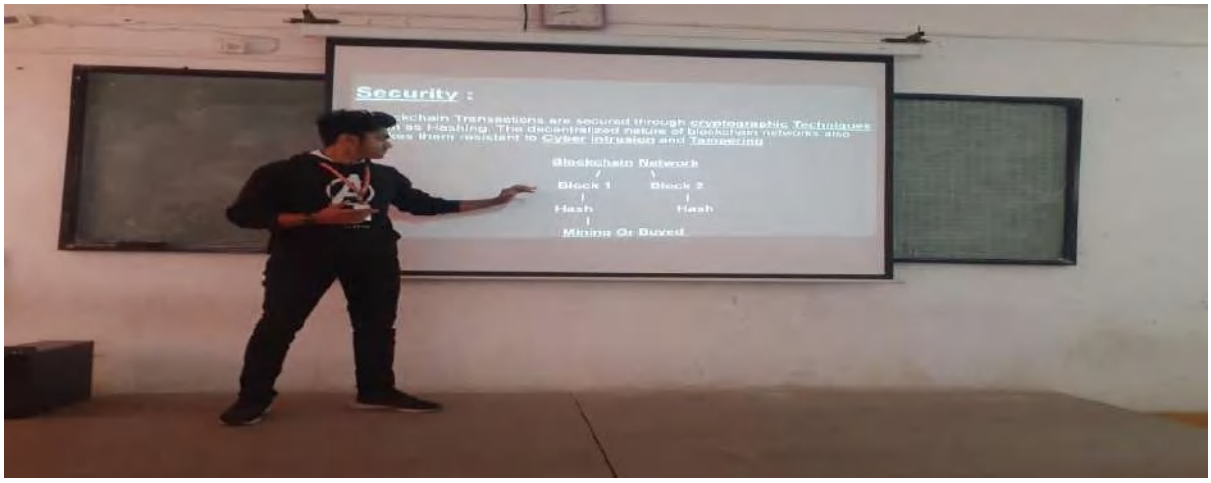
INDUSTRY VISIT AT FAROLA WATER TREATMENT PLANT, FAROLA, CHH. SAMBHAJINAGAR

INDUSTRIAL VISIT AT NASKRAFT SOFTWARE & RESEARCH CENTER, CHH.

STUDENTS PARTICIPATION IN STATE LEVEL TECHNICAL EVENT 2K24

POSTER PRESENTATION

PAPER PRESENTATION



QUIZ COMPETITION

STUDENTS PARTICIPATION IN INTERDEPARTMENTAL PROJECT COMPETITION 2K24