
VIVEKANAND EDUCATION SOCIETY'S POLYTECHNIC

Department of
Computer Engineering



**SOCIAL
NETWORKING**



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1. Editor Page

1. Committee Members

1. Students Members

1. Tapan Jatakia

2. Amruta Pawar

2. Staff Members.

1. Mrs.Aarti Mahajan

2. Mr.Dashrath Kale.

3. Mrs.Sonali Pawar.

2. Vision of Institute

To be the center of excellence in the field of technical education.

Mission

- 1 Enable the students to excel in their academic pursuits, making them sensitive to the needs of progressive industrial world.**
- 2. To produce technocrats with psychomotor and cognitive skills, committed to lifelong learning.**
- 3. To impart ethical values and leadership qualities in students which would transform them into superior human beings?**

3. PROGRAM OUTCOMES (POs):

1. **Basic knowledge:** An ability to apply knowledge of basic mathematics, science and engineering to solve the engineering problems.
2. **Discipline knowledge:** An ability to apply discipline - specific knowledge to solve core and/or applied engineering problems.
3. **Experiments and practice:** An ability to plan and perform experiments and practices and to use the results to solve engineering problems.
4. **Engineering Tools:** Apply appropriate technologies and tools with an understanding of the limitations.
5. **The engineer and society:** Demonstrate knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to engineering practice.
6. **Environment and sustainability:** Understand the impact of the engineering solutions in societal and environmental contexts, and demonstrate the knowledge and need for sustainable development.
7. **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
8. **Individual and team work:** Function effectively as an individual, and as a member or leader in diverse/multidisciplinary teams.
9. **Communication:** An ability to communicate effectively.
10. **Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the context of technological changes.

4. Program Specific Outcomes (PSOs)

PSO1:

Ability to develop technical skills for analyzing, troubleshooting and enhancing Hardware, Software and networking based application.

PSO2:

Ability to apply the domain knowledge and logical reasoning on various attributes of design and development for broadly defined problems with testing tools.

5. ACADEMIC ACHIVEMENT

First Year

Sr.No	Name of Ranker	Percentage
1	Vrushali Shah	94.4%
2	Dhyey Shah	94.15%
3	Parth Shah	93.39%

Second Year

Sr.No	Name of Ranker	Percentage
1	Simran Kalra	93.29%
2	Forum Shah	92.00%
3	Anuja Burambadkar	90.76%

Third Year

Sr.No	Name Of Ranker	Percentage
1	Mehta Hasti	92.88
2	Shah Miloni	91.38
3	Chandwani Ashish	89.13

6. SPORTS ACHIVEMENT

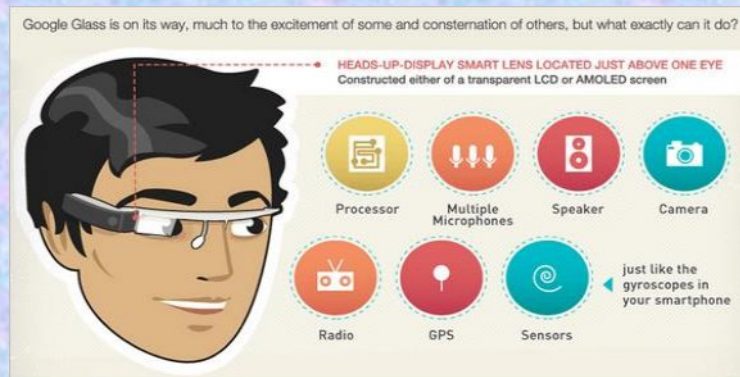
Sr. No	Class	Name of Students	Event	Title of Event	Organized By	Prize
1	CO6G	Prerit Udasi Monil Shiv Ashish Chandwani Bhavesh Gaba Sejal Bansal	Sphurti	MarchPast	VESP	2nd Rank (Group Event)
2	CO4G	Prerna Pallan Neha Gaikwad Rakesh Gupta Smeet Panchal Pooja More Sweety Rohra Vaibhavi Jadhav Arwah Jagirdar Anjali Chaudhari Tej Thakkar Jayesh Zaware Jatin Varlyani Bren Mathew Pratik Sawant	Sphurti	MarchPast	VESP	2nd Rank (Group Event)
3	CO2G	Ayush Manghirmalani Amruti Sajnani Vidya Katara Manav Saigal Harjot Kalwani	Sphurti	MarchPast	VESP	2nd Rank (Group Event)
4	CO6G	Dhwani Manani	Sphurti	100 Mtrs. Running	VESP	1st Rank
5	CO4G	Prerna Pallan	Sphurti	100 Mtrs. Running	VESP	2nd Rank
6	CO6G	Hemangi Warhade	Sphurti	200 Mtrs. Running	VESP	3rd Rank
7	CO4G	Prerna Pallan	Sphurti	200 Mtrs. Running	VESP	2nd Rank
8	CO4G	Anjali Chaudhari, Prerna Pallan	Sphurti	400 Mtrs. Running	VESP	2nd Rank (Anjali C.) 3rd Rank (Prerna P.)
9	CO6G	Dhwani Manani, Sajal Bansal	Sphurti	4 X 100 Mtr Relay	VESP	1st Rank (Group Event)
10	CO4G	Anjali Chaudhari, Prerna Pallan	Sphurt	4 X 100 Mtr Relay	VESP	1st Rank (Group Event)
11	CO6G	Tushar Chotlani Hardik Thakkar Mayur Jog Hozefa Khedawala	Sphurti	Football	VESP	2nd Rank (Group Event)

		Prerit Udasi Pratyush Kamble Nilesh Bhatia Kaustubh Thanekar Jackie Hindhuja Monil Shiv				
12	CO4G	Vinay Mayekar Bren Mathew Sanket Lalwani Jayesh Zaware Ayush Suri	Sphurti	Football	VESP	2nd Rank (Group Event)
13	CO2G	Hitesh Kukreja	Sphurti	Football	VESP	2nd Rank (Group Event)
14	CO6G	Hemangi Warhade	Sphurti	Table Tennis (Double)	VESP	1st Rank (Group)
15	CO4G	Samiksha Pawar	Sphurti	Table Tennis (Double)	VESP	1st Rank (Group)
16	CO2G	Divyesh Sapariya DhiresH Hiran	Sphurti	Table Tennis (Double)	VESP	3rd Rank (Group)
17	CO2G	DhiresH Hirani	Sphurti	Table Tennis (Single)	VESP	3rd Rank
18	CO6G	Kajal Hiwale Ruchita Yeole Tanuja Nalawade Nitya Mani Sejal Bansal Pranali Jadhav Dhwani Manani	Sphurti	Kho-Kho	VESP	3rd Rank (Group Event)
19	CO4G	Anjali Chaudhari Prerna Pallan	Sphurti	Kho-Kho	VESP	3rd Rank (Group Event)
20	CO2G	Nidhi Bakhru Monika Borkar Soni Ahirrao	Sphurti	Kho-Kho	VESP	3rd Rank (Group Event)
21	CO6G	Samiksha Pawar Malvika Parulekar Sejal Bansal Ruchita Yeole Kajal Hiwale Hemangi Warhade	Sphurti	Throwball	VESP	2nd Rank (Group Event)
22	CO4G	Pooja More Anjali Chaudhari Prerna Pallan	Sphurti	Throwball	VESP	2nd Rank (Group Event)
23	CO6G	Ruchita Yeole Nitya Mani Dhwani Manani Hemangi Warhade Hasti Mehata Trena Dhingra Sejal Bansal Pranali Jadhav	Sphurti	Cricket (Girls)	VESP	2nd Rank (Group Event)

		Tanuja Nalawade Samiksha Pawar				
24	CO4G	Anjali Chaudhari Prerna Pallan Pooja More	Sphurti	Cricket (Girls)	VESP	2nd Rank (Group Event)
25	CO6G	Dhwani Manani Samiksha Pawar Sejal Bansal Trena Dhingra Hemangi Warhade Malvika Parulekar	Sphurti	Basket Ball	VESP	2nd Rank (Group Event)
26	CO4G	Anjali Chaudhari Pooja More	Sphurti	Basket ball	VESP	2nd Rank (Group Event)
27	CO6G	Pritesh Ambavene	Sphurti	Chess (Single) Boys	VESP	1st Rank
28	CO2G	Ajay Bathani	Sphurti	Chess (Single) Boys	VESP	3rd Rank
29	CO4G	Sakshi Parab	Sphurti	Chess (Single) Girls	VESP	1st Rank
30	CO6G	Sejal Bansal	Sphurti	Badminton (Single)	VESP	2nd Rank
31	CO2G	Arjun Parmani	Sphurti	Badminton (Single)	VESP	1st Rank
32	CO2G	Om Rao Arjun Parmani	Sphurti	Badminton (Double)	VESP	1st Rank (Group Event)
33	CO6G	Kajal Hiwale Sejal Bansal Hemangi Warhade Ruchita Yeole Nitya Mani Pranali Jadhav	Sphurti	Dodge Ball	VESP	2nd Rank (Group Event)
34	CO4G	Pooja More	Sphurti	Dodge Ball	VESP	2nd Rank (Group Event)
35	CO2G	Soni Ahirrao	Sphurti	Dodge Ball	VESP	2nd Rank (Group Event)
36	CO6G	Ruchita Yeole Samiksha Pawar	Sphurti	Carrom (Double)	VESP	2nd Rank (Group Event)

7. STUDENT TECHNICAL ARTICLE

GOOGLE GLASS



- Project Glass is a research and development program by Google to develop an augmented reality Head-Mounted Display (HMD).
- These glasses will have the combined features of virtual reality and augmented reality.
- The operating system software used in the glass will be Google's Android.
- The Google Glasses can use a 4G cell connection to pull in information from Google's mountain of data and display info about the real world in augmented reality on the lens in front of your eye.
- The Glasses will be equipped with GPS, motion sensors, camera and audio inputs and outputs.
- Grocery Google Glass app, which lets you scan a product's barcode using Google Glass' built-in camera or use a voice search to add it to your online basket. Easy!
- Glass can pop up a reminder on your screen to, well, remind you of an upcoming appointment or other meeting that you have planned.
- A person looking at a landmark could see detailed historical information and comments about it left by friends.
- There's no reason why Glass can't be used to dictate texts or short messages to others, using the built-in microphone, Google's cloud-based speech recognition, and a wireless connection
- This well-known astronomy app is now available for Google Glass, letting you learn more about the stars, planets and constellations up above.
- A new trend for fashion lovers together being an innovative technology. A spectacle based computer to reside directly on your eyes rather than in your pouch or pocket.

- A useful technology for all kinds of handicapped/disabled people.
- Fast access of maps, documents, videos, chats and much more.
- Hands free technology by Google which is an assistance to disabled individuals
- Google glasses are basically wearable computers that use the evolving familiar technologies that bring the sophistication and ease of communication and information.

By Amruta Pawar [CO4G]

DRONE



- An unmanned aerial vehicle (UAV), commonly known as a drone, as an unmanned aircraft system (UAS), and also referred by several other names, is an aircraft without a human pilot aboard. The flight of UAVs may be controlled with various kinds of autonomy: either by a given degree of remote control from an operator, located on the ground or in another vehicle, or fully autonomously, by onboard computers. There are several names in use for unmanned aerial vehicles, which generally refer to the same concept.
- The term drone, more widely used by the public, was coined in reference to the resemblance of dumb-looking navigation and loud-and-regular motor sounds of old military unmanned aircraft to the male bee. The term has seen strong opposition from aviation professionals and government regulators.
- UAVs are often preferred for missions that are too "dull, dirty or dangerous" for manned aircraft. They have and are mostly found in military and special operation applications. Though, UAVs are increasingly finding uses in civil and recreational applications, such as policing and surveillance, aerial filming, and drone racing. Other applications include Search and rescue, Inspection, Security, Science and Research, Aerial photography, Aerial Video etc.

By Dhvani C.Khona [CO4G]

8. TECHNICAL ARTICLE BY FACULTY



The Java Ring is an extremely secure Java-powered electronic token with a continuously running, unalterable real-time clock and rugged packaging, suitable for many applications. The jewel of the Java Ring is the *Java iButton* -- a one-million transistor, single-chip trusted microcomputer with a powerful Java virtual machine (JVM) housed in a rugged and secure stainless-steel case. Designed to be fully compatible with the Java Card 2.0 standard (for more on Java Card 2.0, see last month's **Java Developer** column, "Understanding Java Card 2.0 ") the processor features a high-speed 1024-bit modular exponentiation for RSA encryption, large RAM and ROM memory capacity, and an unalterable real-time clock. The packaged module has only a single electrical contact and a ground return, conforming to the specifications of the Dallas Semiconductor 1-Wire bus. Lithium-backed non-volatile SRAM offers high read/write speed and unparalleled tamper resistance through near-instantaneous clearing of all memory when tempering is detected, a feature known as *rapid zeroization*. Data integrity and clock function are maintained for more than 10 years. The 16-millimeter diameter stainless steel enclosure accommodates the larger chip sizes needed for up to 128 kilobytes of high-speed nonvolatile static RAM. The small and extremely rugged packaging of the module allows it to attach to the accessory of your

choice to match individual lifestyles, such as a key fob, wallet, watch, necklace, bracelet, or finger ring.

Collected by: Mr. Pawan Amarnani



Big data is a term for data sets that are so large or complex that traditional data processing applications are inadequate. Challenges include analysis, capture, data duration, search, sharing, storage, transfer, visualization, querying and information privacy. The term often refers simply to the use of predictive analytics or certain other advanced methods to extract value from data, and seldom to a particular size of data set. Accuracy in big data may lead to more confident decision making, and better decisions can result in greater operational efficiency, cost reduction and reduced risk.

Analysis of data sets can find new correlations to "spot business trends, prevent diseases, and combat crime and so on."^[2] Scientists, business executives, practitioners of medicine, advertising and governments alike regularly meet difficulties with large data sets in areas including Internet search, finance and business informatics. Scientists encounter limitations in e-Science work, including meteorology, genomics, connectomics, complex physics simulations, biology and environmental research

Collected by: Mr. Dashrath Kale

9. STUDENTS TECHNICAL ACHIEVEMENT

Sr.No	Class	Name	Organized by	Title of Event	Awards
1	CO6G	Komal Bagwe Nilesh Bhatia Pritesh Ambavane Jackie Hinduja Prerit Udasi Tanuja Nalawde Hemanji Warhade Ruchita Yeole Sanyogita Dere Monil Shiv	Anvesh	CS 1.6 (LAN Gaming)	VESP
2	CO4G	Pooja More Anjali Chaudhary Vrushali Nalawde	Anvesh	CS 1.6 (LAN Gaming)	VESP
3	CO6G	Monil Shiv Tushar Chotlani Kaustubh Thanekar Jackie Hinduja Pratyush Kamble	Anvesh	Rink Footbal	VESP
4	CO6G	Pritesh Ambavane Ajinkya Parab Saurabh Shintre	Anvesh	Minute to win it	VESP
5	CO4G	Vinay Maurya	Anvesh	Minute to win it	VESP
6	CO6G	Reshma Khot Sanyogita Dere	Anvesh	Rangoli	VESP
7	CO4G	Pooja More	Anvesh	Road Rash	VESP
8	CO6G	Ajinkya, Sandeep S.	Anvesh	Code It	VESP
9	CO4G	Pooja More Anjali Chaudhari	Vihaan- 16	Poster Making	VES Arts, Sci. & Commerce
10	CO4G	Dhruv Shah Pooja More	Vihaan- 16	Code Trove	VES Arts, Sci. & Commerce
11	CO4G	Tapan Jatakia Sahil Shaikh Sweety Rohra	Vihaan- 16	Powerpoint Presentation	VES Arts, Sci. & Commerce
12	CO2G	Gaurav Panjabi Jayesh Sachdev Amruta Sajnani Rohit Mathwani	Quiz Competition under CSI	Quiz Based on C Programming	VESP in coordination with CSI
13	CO6G	Rushab Doshi Nilesh Bhatia Ashish Chandwani Amey More	Quiz Competition under CSI	Quiz Based on Java Programming & Adv. Java Programming	VESP in coordination with CSI
14	CO4G	Pooja More Anjali Chaudhary Vrushali Nalawde	Anvesh	CS 1.6 (LAN Gaming)	VESP
15	CO6G	Monil Shiv Tushar Chotlani	Anvesh	Rink Footbal	VESP

		Kaustubh Thanekar Jackie Hinduja Pratyush Kamble			
16	CO6G	Pritesh Ambavane Ajinkya Parab Saurabh Shintre	Anvesh	Minute to win it	VESP
17	CO4G	Vinay Maurya	Anvesh	Minute to win it	VESP
18	CO6G	Reshma Khot Sanyogita Dere	Anvesh	Rangoli	VESP
19	CO4G	Pooja More	Anvesh	Road Rash	VESP
20	CO6G	Ajinkya, Sandeep S.	Anvesh	Code It	VESP
21	CO4G	Pooja More Anjali Chaudhari	Vihaan- 16	Poster Making	VES Arts, Sci. & Commerce
22	CO4G	Dhruv Shah Pooja More	Vihaan- 16	Code Trove	VES Arts, Sci. & Commerce
23	CO4G	Tapan Jatakia Sahil Shaikh Sweety Rohra	Vihaan- 16	Powerpoint Presentation	VES Arts, Sci. & Commerce
24	CO2G	Gaurav Panjabi Jayesh Sachdev Amruta Sajnani Rohit Mathwani	Quiz Competition under CSI	Quiz Based on C Programming	VESP in coordination with CSI
25	CO2G	Tapan Jatakia, Sahil Shaikh.	Epistemico' 15 (Poster compitation)	Plastic Engg. Dept., SBMP.(College Level)	First prize
26	CO3G	Ashishh Gwalani, tej thakkar,mahek shah,darshan goswami,ayush suri,atharva.s,udit bhatia,jatin varlyani,dhruv vyas,pooja more	Codding	CSI (Inter College)	Pooja M. Dhruv V. (2nd Rank in Group)
27	CO5G	Rushabh D Amey M	Coding	CSI (Inter College)	1st Rank
28	CO5G	Mahima motwani, sejal bansal, milloni shah	National level tpp at universal college	Universal college (National Level)	All 3 participants are the winner of the Consolation Prize
29	CO4G	Tapan Jatakia ,Sahil Shaikh	National Level presentation	Universal college (National Level)	1st Runner Up
30	CO4G	Tapan Jatakia, Sahil sheikh	National Level Presentation	D.Y.Patil (National Level)	1st Runner Up
31	CO4G	Tapan Jatakia	Techtonix	D.Y.Patil(National Level)	1 st Runner Up