



AHMEDABAD INSTITUTE OF TECHNOLOGY

TECH ERA

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2021

VOLUME 3

Magazine Of CE & IT



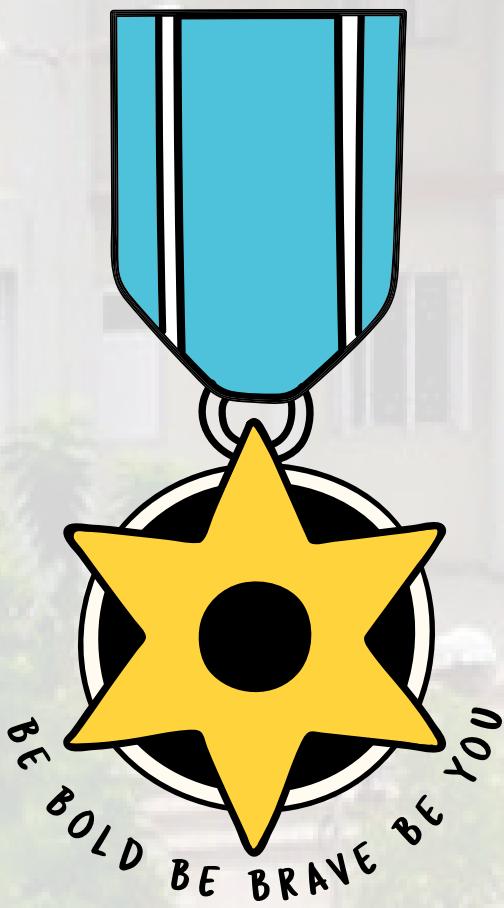
Institute Vision and Mission

Vision

To produce globally accepted professionals by providing quality education with excellence and ethics.



Mission

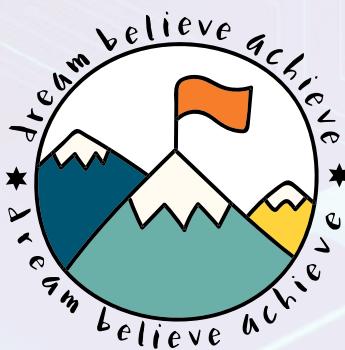


1. To provide valuable resources to industry and society
2. To create ethically and socially responsible professional
3. To build across the institute that has a culture of excellence in teaching and learning
4. To build inclusive, diverse and responsible communities.

C.E. Dept. Vision and Mission

Vision

To produce technically sound and ethically responsible Computer Engineers to the society by providing Quality Education with excellence & ethics.



Mission

1. To provide a healthy Learning Environment based on current and future Industrial demands.
2. To promote curricular, co-curricular and extra-curricular activities for overall personality development of the students.
3. To groom technically powerful and ethically dominant engineers having real life problem solving capabilities.

I.T. Dept. Vision and Mission

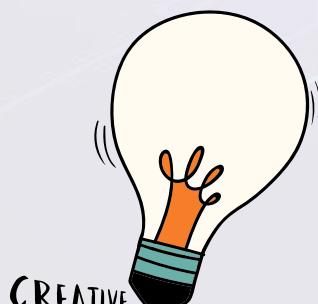
Vision

To provide quality education and assistance to the students through innovative teaching learning methodology for shaping young minds technically sound and ethically strong.



Mission

1. To serve society by producing technically and ethically sound engineers.
2. To generate groomed and efficient problem solvers as per Industrial needs by adopting innovative teaching learning methods.
3. To emphasize on overall development of the students through various curricular, co-curricular and extra-curricular



MESSAGE DESK

Shri Shamjibhai Patel

Hon'ble Chairman



Ahmedabad Institute of Technology (AIT) was set up in the year 2004 as a pioneering institution with a distinct philosophy of education that prepares young minds to become future leaders, equipped with conceptual, technical, design and human skills. Our campus is set in a beautiful landscape with a spectacular ambience for education. Students will find everything at AIT, centralized on our superior quality of teaching to students and to train in specialized education through participation & guidance of our faculty with the eventual aim of student satisfaction. We want our students to be committed, dedicated to their goals along with unity and involvement for the surroundings and society they live in. I am confident that AIT, with its rich legacy, will continue to create world class engineers, good human beings and worthy citizens.

Dr. Sardadevi Mandalapu

Principal

We guarantee that students in AIT get not only technical knowledge but also a holistic set of accomplishments that will make them ready to face the real world. Faculty-members guide and monitor students by contributing their knowledge domain, research, sports & cultural pursuits. We believe that students can do anything and everything if they are provided with the right platform of opportunity. We would like to thank all the parents who have reposed trust in our organization.



Dr. Ajay Upadhyaya

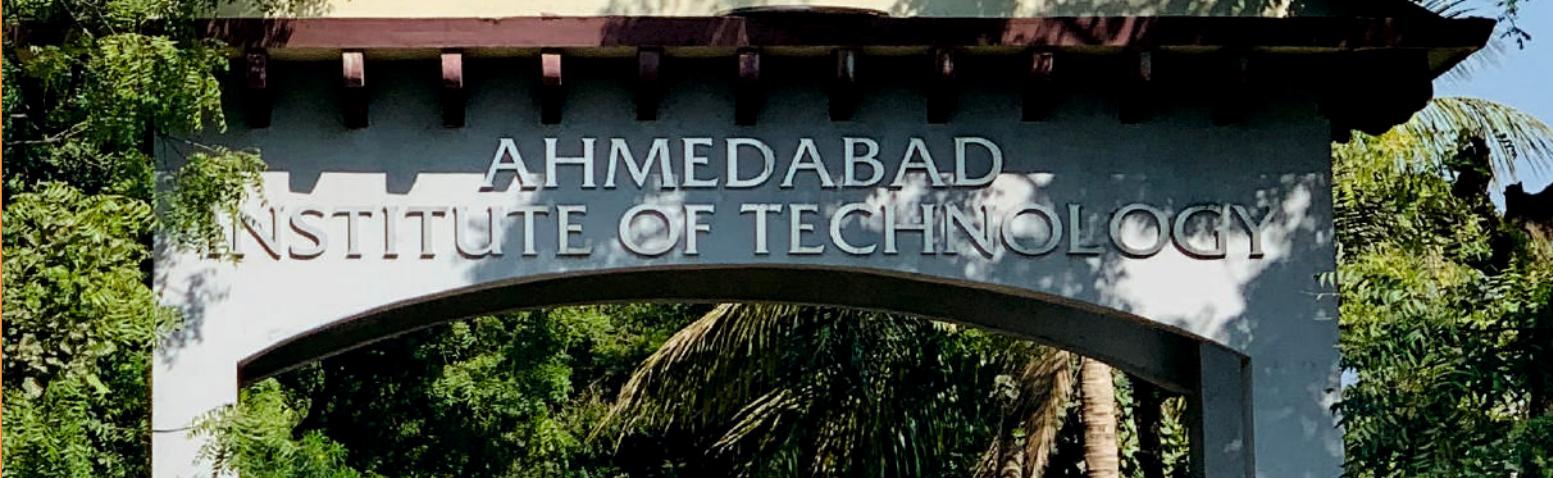
Head Of Department ["C.E." & "I.T."]



We realize that we have to modify a school student into a professional engineer within a period of four constructive years. Becoming knowledgeable is not limited to being in primary educational institution and then in college, assembling documents and feeling proud of oneself. It is a lifelong effort that can be incredibly thrilling if only we wish to jump onto the train of experience and take a trip to every possible place on the globe. Our college is fully devoted to contribute prime education to its students who are the most auspicious assets of our nations.



WHERE WE BUILD OUR SKILLS...!



CLASSROOMS ARE SMART TOO



- SMART TOUCH BOARD WITH A/V SYSTEM
- HIGH SPEED INTERNET ACCESS ON EVERY DESK
- FULLY AIR CONDITIONED AND SOUND PROOF CLASSROOMS



- HI-TECH SURVEILLANCE SYSTEM
- ELECTRIC PLUGS ON EVERY DESK
- STEPS FOR BETTER VIEWING ANGLES.

Faculties



DR. AJAY UPADHYAYA

Designation : Head Of Department ["C.E." & "I.T."]

Qualification: PhD [Computer Engineering]

Experience: 14 years

Expertise: Computer Network, Wireless Network, Ad-hoc Network, Network Security, Computer Graphics, Advance Database, Digital Electronics.

Paper Publication : 9 International, 7 National

Workshop/Training/Organized : 72

Email: hodce@aitindia.in



PROF. VIPUL PATEL

Designation : Assistant Professor

Qualification: Ph.D. Pursuing, ME(CST), BE(CE)

Experience: 10 years

Expertise : Network, C, C++, Web Designing language

Paper Publication : 9 International, 7 National

Workshop/Training/Organized : 4

Email: vipul.patel@aitindia.in



PROF. DHAVAL A. KHATRI

Designation : Assistant Professor

Qualification: ME(CE), BE (IT)

Experience: 11 years 2 months

Expertise : Network Security, .NET Programming, JAVA

Paper Publication : 2 International, 1 National

Workshop/Training/Organized : 6

Email: dhaval.khatri@aitindia.in



PROF. SWEETY S. PATEL

Designation : Assistant Professor

Qualification: Ph.D. Pursuing, ME(CE), BE (IT)

Experience: 11 years 4 months

Expertise : Advanced Java, Java, C, C++

Paper Publication : 1 International, 1 National

Workshop/Training/Organized : 2

Email: sweety.patel@aitindia.in



PROF. BHAGYSHRI P. LACHHWANI

Designation : Assistant Professor

Qualification: ME(CE), BE (CE)

Experience: 7 years 5 months

Expertise : Theory of Computation, Data mining, Computer Graphics

Paper Publication : 5 International

Workshop/Training Organized : 5

Email: bhagyshri.lachhwani@aitindia.in



PROF. CHINTAN R. NAGRECHA

Designation : Assistant Professor

Qualification: ME(CE), BE (IT)

Experience: 6 years 4 months

Expertise : Security, Web Developing, PHP Programming, I.O.T.

Paper Publication : 2 International, 1 National

Workshop/Training Organized : 2

Email: chintan.nagrecha@aitindia.in



PROF. MADHURI H. PAREKH

Designation : Assistant Professor

Qualification: Ph.D. Pursuing, ME(CE), BE (CE)

Experience: 13 years

Expertise : Data Mining, Cloud Computing, System Programming

Paper Publication : 2 International

Workshop/Training Organized : 6

Email: madhuri.parekh@aitindia.in



PROF. NEHA M. PRAJAPATI

Designation : Assistant Professor

Qualification: ME(CE), BE (CE)

Experience: 6 years 4 months

Expertise : Data Mining, Web Designing, Operating system

Paper Publication : 1 International, 1 National

Workshop/Training Organized : 6

Email: neha.prajapati@aitindia.in



PROF. PARINDA N. PRAJAPATI

Designation : Assistant Professor

Qualification: Ph.D. Pursuing, ME(CE), BE (IT)

Experience: 2 years 6 months

Expertise : Computer Network, DBMS, Information Network Security

Paper Publication : 1 International, 1 National

Workshop/Training Organized : 4

Email: parinda.prajapati@aitindia.in



PROF. HEENA S. PANJWANI

Designation : Assistant Professor

Qualification: Ph.D. Pursuing, ME(CE), BE (CE)

Experience: 3 years 6 months

Expertise : HTML, Advance HTML, CSS, PHP

Paper Publication : 2 International

Workshop/Training Organized : 1

Email: heena.panjwani@aitindia.in



PROF. BANSARI R. THAKKAR



Designation : Assistant Professor

Qualification: Ph.D. Pursuing, ME(CE), BE (CE)

Experience: 3 years 6 months

Expertise: Distributed DBMS, Software Engineering, Computer Organization

Paper Publication : 2 International, 2 National

Workshop/Training Organized : 2

Email: bansari.thakkar@aitindia.in

PROF. SHITAL V. PATEL



Designation : Assistant Professor

Qualification: Ph.D. Pursuing, ME(CE), BE (CE)

Experience: 13 years 4 months

Expertise: Computer Network, Cloud Computing

Paper Publication : 2 International

Workshop/Training Organized : 2

Email: shital.patel@aitindia.in

PROF. AKRUTI B. DAVE



Designation : Assistant Professor

Qualification: ME(CE), BE (CE)

Experience: 1 Year

Expertise: System Programming, Data Structure, Machine learning, O.S.

Paper Publication : 1 International, 1 National

Workshop/Training Organized : 1

Email: akruti.dave@aitindia.in

PROF. POOJA VYAS



Designation : Assistant Professor

Qualification: ME(CE), BE (CE)

Experience: 3 years

Expertise: Advance C, C++, JAVA, ADA, Android

Paper Publication : 2 International

Workshop/Training Organized : 1

Email: pooja.vyas@aitindia.in

“Teaching is the greatest act of optimism.”

-Colleen Wilcox

1^{nt} Sem. TOPPERS



Computer Engineering

Rank	Name	CPI	SPI
1	PATHAN RASHID KHAN RAISH KHAN	9.29	9.29
2	BHAVSAR DEVANSHI KEYUR	9.06	9.06
3	VAGHASIYA MEETKUMAR HAreshBHAI	8.82	8.82
4	BHAVSAR DEVKUMAR KALPESHBHAI	8.59	8.59
5	AVINABH	8.59	8.47
6	CHAUHAN SUPRIYA GOBARDHAN SINGH	8.47	8.29
7	PUROHIT BHAVESH SOHANSINGH	8.29	8.29
8	MODI JENISH BHARATKUMAR	8.24	8.24
9	SAINI GARGI NITIN	8	8
10	TRIVEDI KEVAL BRIJESHBHAI	8	8

Information Technology

Rank	Name	CPI	SPI
1	NAYAK ANANYA ASHOK	9.53	9.53
2	LAKHANI ANISHA NANDKUMAR	9.29	9.29
3	VASOYA PRIYANK GHANSHYAMBHAI	9.06	9.06
4	NANDINI JAIN	8.76	8.76
5	PATEL NAITIK RATILAL	8.29	8.29
6	KALAVADIYA PARTH RAMESHBHAI	8	8
7	BHADESHIYA MAYANK NILESHBHAI	7.94	7.94
8	PATEL HIRALBEN PINTUKUMAR	7.76	7.76
9	PANCHAL DEVARSH AJAYKUMAR	7.76	7.76
10	SAVALIYA JAGDISH KISHORBHAI	7.76	7.76

2nd Sem. TOPPERS



Computer Engineering

Rank	Name	CPI	SPI
1	PATHAN RASHID KHAN RAISH KHAN	9.69	10
2	BHAVSAR DEVANSHI KEYUR	9.49	9.82
3	BHAVSAR DEVKUMAR KAPLESHBHAI	9.21	9.68
4	VAGHASIYA MEETKUMAR HAreshbhai	9.18	9.45
5	AVINABH	8.82	9.09
6	CHAUHAN SUPRIYA GOBARDHAN SINGH	8.64	8.91
7	PUROHIT BHAVESH SOHANSINGH	8.56	8.77
8	JADEJA KIRTIRAJSinh ANIRUDHSinh	8.56	9.27
9	MODI JENISH BHARATKUMAR	8.54	8.77
10	PATEL HARSH KIRANBHAI	8.28	8.68

Information Technology

Rank	Name	CPI	SPI
1	NAYAK ANANYA ASHOK	9.72	9.86
2	LAKHANI ANISHA NANDKUMAR	9.51	9.68
3	VASOYA PRIYANK GHANSHYAMBHAI	9.49	9.82
4	NANDINI JAIN	9.1	9.36
5	BHADESHIYA MAYANK NILESHBHAI	8.77	9.41
6	PATEL NAITIK RATILAL	8.64	8.91
7	KALAVADIYA PARTH RAMESHBHAI	8.28	8.5
8	PATEL HIRALBEN PINTUKUMAR	8.23	8.59
9	JOBANPUTRA CHAITANYA RAJESBHAI	8.13	8.55
10	PATEL SALONI NARENDRBHAI	8	8.77

3rd Sem. TOPPERS



Computer Engineering

Rank	Name	CPI	SPI
1	PATEL PRUTHVI KIRITKUMAR	9.04	9.04
2	GHELANI YASH PIYUSHBHAI	9.03	9.3
3	DADHICH DHWANI AMITKUMAR	8.77	9.17
4	SHETH BHAVYA SANDIPKUMAR	8.69	9.13
5	PATEL SHREYA JAYESHKUMAR	8.56	8.91
6	SHAH PRIYANSHU HIMANSHUKUMAR	8.22	8.22
7	CHOPRA SHREYANSH OMPRAKASH	8.21	8.48
8	DABHI UTSAV NARESHBHAI	8.18	8.52
9	SARVAIYA PRATIK JAGDISHKUMAR	7.89	8.48
10	SHAH DEEP KAMLESHBHAI	7.87	8.35

Information Technology

Rank	Name	CPI	SPI
1	BHANSALI PAYAL NARESH	8.79	9.52
2	SARDA SUMIT INDERCHAND	8.39	8.78
3	DAVE NRUPALBEN NIRAJKUMAR	8.17	8.17
4	CHAUHAN BINALBEN ALPESHBHAI	8	8
5	DHRUV CHIRAG PANKAJBHAI	7.96	7.96
6	MANTRI RADHIKA NILESH	7.92	8.65
7	KSHATRIYA RASHMI AJAYKUMAR	7.79	7.78
8	KUSHWAHA SUNNY JITENDRA	7.71	8.39
9	JADAV RICHA JIGNESHKUMAR	7.61	7.61
10	DALWADI RIDDHU UPENDRAKUMAR	7.57	7.57

4th Sem. TOPPERS



Computer Engineering

Rank	Name	CPI	SPI
1	PATEL PRUTHVI KIRITKUMAR	9.41	9.78
2	GHELANI YASH PIYUSHBHAI	9.29	10
3	DADHICH DHWANI AMITKUMAR	9.06	9.83
4	SHETH BHAVYA SANDIPKUMAR	8.99	9.78
5	PATEL SHREYA JAYESHKUMAR	8.95	10
6	SHAHPRIYANSHU HIMANSHUKUMAR	8.63	9.04
7	CHOPRA SHREYANSH OMPRAKASH	8.55	9.48
8	DABHI UTSAV NARESHBHAI	8.55	9.57
9	SHAH DEEP KAMLESHBHAI	8.34	9.61
10	GANDHI MILIT KAMLESHBHAI	8.15	9.26

Information Technology

Rank	Name	CPI	SPI
1	BHANSALI PAYAL NARESH	9.12	10
2	DAVE NRUPALBEN NIRAJKUMAR	8.83	9.48
3	SARDA SUMIT INDERCHAND	8.64	9.3
4	CHAUHAN BINALBEN ALPESHBHAI	8.5	9
5	DHRUV CHIRAG PANKAJBHAI	8.33	8.7
6	JADAV RICHA JIGNESHKUMAR	8.33	8.7
7	KUSHWAHA SUNNY JITENDRA	8.25	9.7
8	MANTRI RADHIKA NILESH	8.22	9.04
9	DALWADI RIDDHU UPENDRAKUMAR	8.17	8.78
10	KSHATRIYA RASHMI AJAYKUMAR	8.07	8.83

5th Sem. TOPPERS



Computer Engineering

Rank	Name	CPI	SPI
1	PATADIA KIRTAN MAYANKBHAI	8.97	9.7
2	PRAJAPATI CHHAGANLAL LUMBARAM	8.8	8.7
3	SANGANI JUHIL MUNESHBHAI	8.79	9.2
4	BILLAVA RAHUL SANJEEVA	8.76	8.3
5	BHAVESH KUMAR	8.7	9
6	AKSHIT VAISHNAV	8.66	8.2
7	PATEL TIRTH PRAVINBHAI	8.53	8.6
8	CHOKSI FENIL KETAN	8.48	8.2
9	SANDEEP KUMAR SINGH	8.43	8.9
10	FABIYANI CHIRAG MANOJKUMAR	8.39	8.8

Information Technology

Rank	Name	CPI	SPI
1	BORAD RUTA MANOJBHAI	9.07	9.4
2	CHHATBAR MITESH MAHESHBHAI	8.97	9.6
3	BHAGWAT NISARG ANILBHAI	8.75	9
4	VACHHANI HIMABEN RUSHIKESHBHAI	8.71	9.2
5	SORATHIYA MADHAVIBEN CHATURBHAI	8.51	8.3
6	SAVANI MAHEK LALAJIBHAI	8.46	8.4
7	KOTHIYA SARJAKKUMAR JITUBHAI	8.06	8.9
8	JAGANI DHRUVIN ARVINDBHAI	8.03	8.1
9	BORAD JENISH MADHUBHAI	8.03	8.3
10	VASOYA KEYUR DINESHBHAI	7.83	8.5

6th Sem. TOPPERS



Computer Engineering

Rank	Name	CPI	SPI
1	PATADIA KIRTAN MAYANKBHAI	9.13	10
2	SANGANI JUHIL MUNESHBHAI	8.98	10
3	PRAJAPATI CHHAGANLAL LUMBARAM	8.88	9.28
4	BHAVESH KUMAR	8.87	9.79
5	BILLAVA RAHUL SANJEEVA	8.87	9.48
6	CHOKSI FENIL KETAN	8.78	9.79
7	AKSHIT VAISHNAV	8.74	9.17
8	PATEL TIRTH PRAVINBHAI	8.62	9.1
9	SANDEEP KUMAR SINGH	8.53	9.28
10	LUHAR JAYDIPKUMAR PRAVINBHAI	8.53	9.1

Information Technology

Rank	Name	CPI	SPI
1	CHHATBAR Mitesh Maheshbhai	9.11	9.81
2	BORAD Ruta Manojbhai	9.02	8.74
3	BHAGWAT Nisarg Anilbhai	8.84	9.29
4	VACHHANI Himaben Rushikeshbhai	8.8	9.26
5	SAVANI Mahek Lalajibhai	8.57	9.1
6	SORATHIYA MADHAVIBEN CHATURBHAI	8.49	8.35
7	KOTHIYA SARJAKKUMAR JITUBHAI	8.17	8.74
8	BORAD Jenish Madhubhai	8.14	8.74
9	JAGANI DHRUVIN ARVINDBHAI	8.12	8.55
10	VASOYA KEYUR DINESHBHAI	8.1	8.94

7th Sem. TOPPERS



Computer Engineering

Rank	Name	CPI	SPI
1	PATEL AASTHA VIRENDRBHAI	9.1	9.57
2	TIWARI SUMAN MAHESHKUMAR	8.96	9.36
3	DALAL NISHANT ANKUSH	8.6	9
4	PACHORI PARUL ALOK	8.53	9.39
5	SHAH NEEL DILESHKUMAR	8.47	8.96
6	SHAH RUTVA JIGNESH	8.38	9.18
7	DESAI SAVAN BHARATBHAI	8.34	9.18
8	DUDHAT DHRUVIN CHAMPAKBHAI	8.27	8.96
9	GONDALIYA DRASHTI MANSUKHBHAI	8.27	8
10	BHARTI RAWAT	8.23	7.96

Information Technology

Rank	Name	CPI	SPI
1	DAVE SHAILI	8.94	9.37
2	TRIPATHI VINAYAK RAMCHET	8.69	9.37
3	MEHTA SANKET USHANGBHAI	8.42	8.96
4	KOTADIYA HARESHKUMAR BABABHAI	8.39	9.15
5	AMBAKHUTWALA HUZAIFA ALIASGAR	8.23	8.78
6	MODI VRAJESH RASHESHBHAI	8.19	8.96
7	THAKKAR KRISHNA JAY	8.13	9.19
8	SHAH DHAIRYA SHAILESH	8	8.96
9	PATEL RAJAN ATULKUMAR	7.97	8.56
10	PATEL SAMARTH TULSIBHAI	7.93	9.41

8th Sem. TOPPERS



Computer Engineering

Rank	Name	CPI	SPI
1	PATEL AASTHA VIRENDRBHAI	9.2	10
2	TIWARI SUMAN MAHESHKUMAR	9.08	10
3	DALAL NISHANT ANKUSH	8.76	10
4	PACHORI PARUL ALOK	8.69	10
5	SHAH NEEL DILESHKUMAR	8.65	10
6	SHAH RUTVA JIGNESH	8.56	10
7	DESAI SAVAN BHARATBHAI	8.5	9.78
8	GONDALIYA DRASHTI MANSUKHBHAI	8.44	9.78
9	DUDHAT DHRUVIN CHAMPAKBHAI	8.44	9.78
10	BHARTI RAWAT	8.43	10

Information Technology

Rank	Name	CPI	SPI
1	DAVE SHAILI	9.06	10
2	TRIPATHI VINAYAK RAMCHET	8.84	10
3	MEHTA SANKET USHANGBHAI	8.59	10
4	KOTADIYA HARESHKUMAR BABABHAI	8.57	10
5	AMBAKHUTWALA HUZAIFA ALIASGAR	8.43	10
6	MODI VRAJESH RASHESHBHAI	8.37	9.78
7	THAKKAR KRISHNA JAY	8.34	10
8	SHAH DHAIRYA SHAILESH	8.22	10
9	PATEL RAJAN ATULKUMAR	8.17	9.78
10	PATEL SAMARTH TULSIBHAI	8.17	10

ACHIEVEMENTS

Hackathon Winners

We feel overjoyed to share our student's remarkable success in Hackathon. our two students of Sem -6 CE & IT Department (**Viswash Mehta & Sunny Kushwaha**) had participated in Mined Hackathon organised by Nirma University & Binghamton University during 26 to 28 February,2021 and won 2nd prize of Rs. 20,000



Team : BotRead

Team Members

1. Kunal Malvi
2. Viswash Mehta
3. Abhishek Bhatt
4. Sunny Kushwaha
5. Anil Prajapati

Ahmedabad Institute of Technology
Ganpat University

STARTUP

We are happy to inform you that one of our student **Hitesh Ker(180023107004)** have started own start-up "**Aiminfologic**". It is service based start-up in which mainly customised software development is done with other IT services.

Currently **6 Software developers** are working in this company. They are working on **4+** projects.

Website :- www.aiminfologics.com

Instead of becoming Jobseeker our Student becomes Job providers. Work carried out by him is really appreciable.

<https://kerhitesh.github.io/>



KARATE CHAMPIONSHIP



Rahul Kumar 170020107026 - CW.E.

We feel happiness to share this that one of our student won gold medal in international shotokan karate United (isku) state level karate championship which was held in rajkot 2020. And also represent India in international level and won gold medal in nobel international karate championship which was held in nepal.

Development

WEB DEVELOPMENT



Meet **Mandaviya** 180020116017 - I.T.

We always feel proud that students implement their knowledge practically. Here is the example from our Information Technology branch who used his lockdown period as an opportunity and created awesome **Covid-19 tracker Web App** and **Clone Web Apps** of well-known companies that shows his abilities to implement complex things with very ease.

The screenshot shows a movie page for "Formula 1: Drive to Survive". The top navigation bar includes "NETFLIX", "Home", "TV Shows", "Movies", and "Recently Added". Below the title, there's a brief description: "Drivers, managers and team owners live life in the fast lane -- both on and off the track -- during one cutthroat season of Formula 1 racing." A "Play Now" button is visible at the bottom left.

netflix-clone-a2d71.web.app

DESKTOP APP

The screenshot shows a list of tasks on a "Todos" app. The tasks are: "Oy ker", "Iai", "Hells", "iin", "ki", "Hello", "hi", and "Hello". There are buttons for "Edit" and "Delete" next to each task. At the bottom, there's a text input field with placeholder "say something nice" and a "Submit" button.

todos-appy.web.app

DESKTOP AND MOBILE APP

GAME DEVELOPMENT



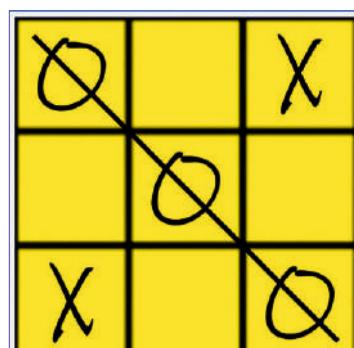
Herin Zaveri 170020107062 - C.E.

We always inspire students to implement their knowledge practically as we focus a lot more on the practical side. We motivate them to do new innovative work and here is the biggest example from our computer branch who not only used his lockdown time very well but created something interesting that others can also use. He made various online games during this pandemic lockdown.

The screenshot shows a Ludo board with four colored paths (blue, red, green, yellow) and four dice. The board has numbers from 1 to 100. A player's turn summary is shown: "ROLL GREEN".

The screenshot shows a Snakes and Ladders board with numbers from 1 to 100. A player's turn summary is shown: "ROLL GREEN".

3	4	7	1	1
6		1 9	3 4 8	2
9 8		2 5 6 7		3
8 5	7 6 1	2 3		4
4 2 6	8	3 7	1	5
1	9 2 4	8 5		6
9	1	3	2 4	7
7 4		9 6 3 5		8
5 2 8 6		7 9		9



Coursera

ACHIEVEMENTS



TOTAL ENROLLMENTS OF STUDENTS

2868

UNIQUE COURSES DONE BY AIT CE / IT STUDENTS

778

TOTAL UNIQUE COURSE COMPLETERS

270

COMPLETED COURSES BY STUDENTS

1505

AVERAGE COURSES PER STUDENTS

3

HOURS OF COURSES COMPLETED BY STUDENTS

28,920

AND THE BEST PART IS,
THIS ALL ACHIEVEMENTS WAS GRASPED DURING PANDEMIC...!



ALUMNI DESK

ASHUTOSH VIRAMGAMA

System Engineer At IBM
Computer Engineering
Graduated in 2020



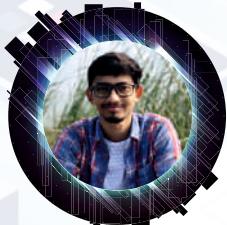
College is the most important period of our life which decides our whole future. One cannot pursue his/her goals without support of college and guidance of faculties and AIT was the platform for me and I am very thankful to all my faculties who supported me in my every problem and showed me the right path for my career. Everyone of us hear from every seniors and some of our elders that studies won't help you to fight with real

life problems but it has been wrong with my experience as only due to studies and theory knowledge I was able to master the practical and real life problems with such an ease without it, it was not possible for me to reach this level. Also, college supported me to play hackathons and to do innovative projects and provide knowledgeable seminars. Once again I would like to thank all my faculties and AIT College to push me out of my limits and have faith in me.



MAHARSHI PATEL

Web Developer
Computer Engineering
Graduated in 2020



College is the opening path for new opportunities in life. AIT is one of the best colleges for pursuing computer engineering. It has a luscious green environment. Infrastructure of this college is pretty good. Teachers are really friendly and always ready to help students. They not only guide students in their academics but also push them for co-curricular activities and also help them for their career making decisions. All the faculties are highly qualified and experienced. This college has all the facilities that a student needs to study well in this competitive era. They helped me in my thick and thin time, during these 4 years of my college life. HOD of this college is also very supportive.

SAMARTH PATEL

System Engineer At DIGIQT TECHNOLABS
INFORMATION TECHNOLOGY
Graduated in 2020



Yes, Our college have all necessary infrastructure, facilities and equipment. College Library has good collection of books. I pursued Bachelor's in Information Technology in this college. All the engineering departments are well equipped with modern laboratories to cater to the need of training, the students as well as for industrial testing. Computer labs caters to learning requirements of various categories of students. The

institute has an extremely well qualified and experienced faculty that make the students excel in every possible scholastic and co-scholastic field. The institute adopts modern practices of training and placement of the students in industries and world of work. For this purpose, placement cell is created in every department with HOD as coordinator with two faculty members. The placement cell along with the coordination of HOD form a well equipped source of knowledge to prepare students for the real world opportunities. A guided training is given to students to walk them successfully through interviews and provide their kind of job opportunity.

NEW WEBSITE OF A.I.T.



The screenshot shows the homepage of the Ahmedabad Institute of Technology website. At the top, there's a circular logo with the text "AHMEDABAD INSTITUTE OF TECHNOLOGY". Below it, the main header reads "AHMEDABAD INSTITUTE OF TECHNOLOGY" in large, bold, white letters. Underneath the header, smaller text says "EST.2004 | AICTE APPROVED | GTU AFFILIATED". To the right of this are links for "PAY FEES", "GRIEVANCE", and "ADMISSION". A horizontal menu bar follows with links for "Home", "About", "Academics", "UG Program", "PG Program", "Campus", "Placement", "Resources", and "Contact Us". Below the menu, a banner displays a message about winning a prize in a hackathon. The central part of the page features a large image of the institute's modern building complex with green landscaping. On the far left, there's a vertical column of four small icons: a book, a gear, a graduation cap, and a person.

[CLICK HERE TO VISIT](#)

Things to know about New Website of AIT:

1. 70+ Dynamic Pages to support all functionalities.
2. Prepared in 5 Months during Lockdown period(April to August-2020) with effective Team work
3. User Friendly Responsive Layout
4. Well Planned Information Architecture
5. Well-Formatted Content
6. Faster – Required less Loading Time
7. Compatible with all browser
8. Effective Navigation
9. Attractive Layout and Design
10. Scalable & Secured Structure



Developed By



Dr. Ajay Upadhyaya

HoD CE & IT



Jaydeep Panchal

180023107007



Mitesh Chhatbar

170020116008



Anuj Iyengar

170020116011



Interview Tips From Seniors

We done it, you can do it...!



STRATEGY

TATA CONSULTANCY SERVICES



TAPAN DABRAI

- Number of rounds conducted:** 4
- Expected Knowledge:** Aptitude, Verbal, Logic, Programming Skills
- How to prepare for interview :** For Programming, focus on Data Structures, Algorithms, understand the fundamentals of programming, SQL.
- Average package for fresher:** 3.5 Lakhs Per Annum

1998tapan@gmail.com



PRAJAPATI CHHAGANLAL

- Number of rounds conducted:** 2
- Expected Knowledge:** General Aptitude , logical reasoning , Database , Patterns , OOPS concept
- How to prepare for interview :** Focus on achieving a Full Stack skill-set. Any decent book or an online course can help achieve these goals.
- Average package for fresher:** 2.4 to 3.4 Lakhs per annum

chhaganlala.prajapati1515@gmail.com

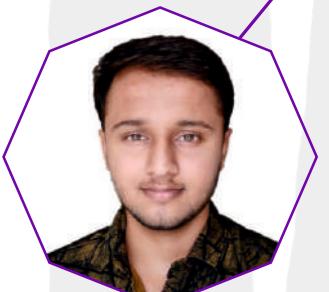
TatvaSoft



NEMISH SETH

- Number of rounds conducted:** 4
- Expected Knowledge:** C, C++, JAVA, C#, Python, Any framework for above languages. Html, CSS, Bootstrap, OOP concepts.
- How to prepare for interview :** Concepts are more important than anything, so understand them properly and try to implement at the toughest level. Solve subject related problems from **hackerRank** life platform.
- Average package for fresher:** 4.4 Lakhs Per Annum

170020107054ait@gmail.com



Gateway Group Of Companies



MITUL VANDRA

- Number of rounds conducted:** 2
- Expected Knowledge:** Database Knowledge e.g. Oracle, MS-SQL. , RDBMS, PL/SQL , JAVA, OOPS Concepts, Oracle Forms And Reports Fusion middleware, Web Logic Server / Apache Server, OS Fundamentals, Web Based :HTML, CSS, J Scripts, XML, JSON, jQuery
- How to prepare for interview :** Some of the resources to prepare for subject specific interviews are as follows: <https://www.javatpoint.com>, <https://www.journaldev.com>, <https://www.udemy.com>, <https://itsahmedabad.com>
- Average package for fresher:** 2.5 to 3 Lakhs Per Annum

vandramitul123@gmail.com

Soham ERP Solutions Pvt. Ltd.



SUMIT ADVANI



sumitadvani90@gmail.com

- **Number of rounds conducted:** 3
- **Expected Knowledge:** Data Structures and Algorithms, DBMS, Basic English, On one language in-depth knowledge and Basic Aptitude
- **How to prepare for interview :** Refer to sites like geeksforgeeks, LeetCode, hackerEarth
- **Average package for fresher:** 3.5 Lakhs Per Annum

WIPRO



KIRTAN PATADIA

- 
- **Number of rounds conducted:** 4
 - **Expected Knowledge:** In campus placement drive they will generally check your basics of programming and data structures. for example OOP concepts, DS etc. and if one knows about web or app development.
 - **How to prepare for interview :** I prepared for my technical round and Aptitude round from Geeksforgeeks. and that was really helpful to me for my interview preparation, and the interviewer asked one of the questions from Geeksforgeeks and i already knew the answer. Besides that I prepared from past years reference books.
 - **Average package for fresher:** 3.6 Lakhs per annum based on technology.

Einfochips



ANKUR CHOVTIYA

- 
- **Number of rounds conducted:** 4
 - **Expected Knowledge:** Development (GitHub account and projects), General Aptitude, logical reasoning, Database, Patterns, OOP concept.
 - **How to prepare for interview :** Only Logic based (maths , reasoning, English ,Database , Most Important Loops)
 - **Average package for fresher:** 2.4 Lakhs Per Annum

RADIX WEB



ASHUTOSH VIRAMGAMA

- 
- **Number of rounds conducted:** 5
 - **Expected Knowledge:** Full stack developer
 - **How to prepare for interview :** DS and algorithms by Thomas Corman
 - **Average package for fresher:** 3.7 Lakhs Per Annum

IBM



ashutoshviramgama@gmail.com

"The way to get started is to quit talking and begin doing."

– Walt Disney, founder Disney

EXPERT TALK

FROM DR. AJAY UPADHYAYA

HOD OF C.E. & I.T.



Introduction to Cybersecurity and Ethical Hacking

26 Oct 2020

Dr. Ajay Upadhyaya

HoD - CE & IT Dept., Ahmedabad Institute of Technology
Affiliated with Gujarat Technical University

 Developer Student Clubs
Pandit Deendayal Petroleum University

GUJCOST SPONSORED ONLINE NATIONAL LEVEL STTP ON MACHINE LEARNING

SUPERVISED LEARNING ALGORITHMS (CLASSIFICATION)

DAY 5 - 06/11/2020, 1:00 PM ONWARDS



**DR. AJAY
N. UPADHYAYA**

Associate Professor, AIT

ORGANIZED BY

AHMEDABAD INSTITUTE OF TECHNOLOGY

CE & IT DEPARTMENT PRESENTS

FOR MORE DETAILS VISIT : WWW.AITINDIAJN.COM | CONTACT: 9974013803/9866133006



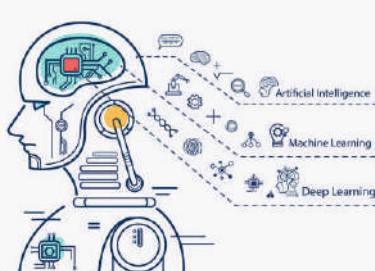
 National Level

Faculty Development Programme (FDP) On **MACHINE LEARNING**



Speaker
Dr. Ajay N. Upadhyaya
Associate Professor
Head of the Department:
Department of Computer Engineering and I.T.
Ahmedabad Institute of Technology

www.swarnim.edu.in |



Organized by
Dept. of Computer Engineering

22

**DEC. | 10.30 AM
2020 | Onwards**



{Google : TIPS}



1. Use hyphen to exclude words

Sometimes you may find yourself searching for a word with an ambiguous meaning. An example is Mustang. When you Google search for Mustang, you may get results for both the car made by Ford or the horse. If you want to cut one out, use the hyphen to tell the engine to ignore content with one of the other.

See the example below.

Mustang -cars

This tells the search engine to search for mustangs but to remove any results that have the word "car" in it. It can be wildly helpful when finding information about something without getting information about something else.

2. Group Chrome Tabs

1. Create your tab group

You can group tabs to keep related pages together in one workspace. To create a tab group, just right-click any tab and select Add tab to new group.

Steps:

1. Right-click a tab.
2. Click Add Tab to new group.
3. Click New Group or click the name of an existing tab group

2. Name your tab groups and customize its colors

When you create a group, the tabs in your group will all have the same color. You can assign different colors to different groups to find them faster. Just click the circle next to your tab group to enter a name and pick a color.

Steps:

1. Right-click the coloured circle next to the tab group you wish to name.
2. Enter a name for the tab group.
3. Pick a color for the tab group.

3. Calculations on Google

Type in "answer to life, the universe, and everything," and Google has a pretty clear answer: 42. The search results are a nod to Douglas Adams' The Hitchhiker's Guide to the Galaxy, which claims the number is, in fact, the answer to life.

4. Unsend an e-mail from Gmail

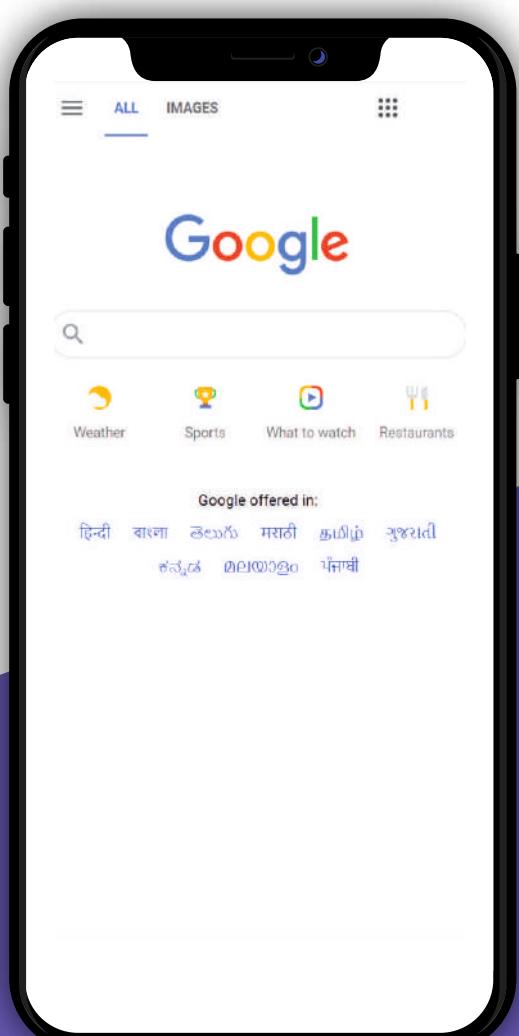
The ability to unsend an email is a matter of adjusting one setting prior to writing your email. This recall of a message will also allow you to modify spelling errors, incorrect recipients, subject line and even append forgotten attachments. Once you are satisfied with any editing, send the email on its way.

In the Undo Send section, the default will be set to five seconds. Select the range and choose an option. It is recommended you opt for the 30 seconds as this allows a few extra moments to contemplate your email.

Once you have made your adjustment, scroll down the page and click Save Changes for it to take effect information about something else.

5. It can read out numbers

This Google easter egg can come in handy if you have to give a presentation that involves a lot of big numbers. If you don't know how to say the number 92,720,383, just type "92720383=english" into Google. It's ninety-two million seven hundred twenty thousand three hundred eighty-three.



Did you know?
Google wanted in 1997 to sell their search engine system to Yahoo for \$ 2 million.



Yahoo didn't accept this offer. Later, Yahoo wanted to come back to this offer and offered 3 billion in 2002. This time Google didn't accept the offer. Today Yahoo is much less valuable as Google. I bet they feel pretty stupid right now!

C.E. and I.T. Dept. Clubs

INNOVATION CLUB

Co-ordinator: Prof. Madhuri Parekh



Innovation Club are student-led club in College that help member students to learn and build innovative engineering projects. They act as a platform for members to develop and showcase their skills.

AIT GATE Club

Co-ordinator: Prof. Heena Panjwani



We provide coaching for GATE (Graduate Aptitude Test for Engineering) to pre-final and final year students for free. The goal of this club is to create a self sustained system for students.

AIT Code Club

Co-ordinator: Prof. Neha Prajapati



The Coding Club provides participating students an opportunity to learn the basics of computer programming in a team setting. The club's main focus is on creating applications, websites, games, stem/steam workshops, and other projects to share with LCC and the community.

AIT Research Club

Co-ordinator: Prof. Bhagyshri Lachhwani



The research club provides students with a comfortable environment to present/develop their ideas and improve their research skill. Students have to write and publish papers in various National/International Journal.



Ratan Naval Tata is a philanthropist and more than 65% of his share is invested in charitable trusts. His aim has been to raise the quality of life for Indians along with Human Development. Ratan Tata was born in 28 December 1937 in Bombay and he is the son of Naval Tata and Soono Commissariat and has a

younger brother Jimmy Tata. Ratan's father, Naval Tata was remarried to Simone Dunoyer, after his divorce and had one son, Noel Tata, from his second wife.

He was educated at Cornell University, Ithaca, New York, where he earned a B.S. (1962) in architecture before returning to work in India. He gained experience in a number of Tata Group businesses and was named director in charge (1971) of one of them, the National Radio and Electronics Co. He became chairman of Tata Industries a decade later and in 1991. If we see on the net wealth basis then Ratan would've been in Top 5 Richest persons in the world But as we know he donates 65% of his wealth. As we see as the revenue, Tata Group is the biggest Private company whose revenue was \$113 billion in this revenue, TCS(Tata Consultancy Services) contributes the most ,right now Tata Group is india's biggest and worldwide 5th Automobile company. There are more than 30 companies owned by Tata Groups such as TCS(Tata Consultancy Services), Tata Steel, Tata motors, Tata chemicals, Titan, Starbucks, Voltas and many more.

Recently Ratan Tata donated 500 crore & Tata Group 1000 crore towards manufacturing personal protective equipments ,testing kits & training of health workers in covid-19 pandemic and for environmental contribution. Tata Group have introduced Electric cars before Ratan Tata's dream was to provide things in good quality and at affordable price in India and abroad so the company launched the Tata nano, a tiny rear-engined, pod-shaped vehicle with a starting price of approximately 100,000 Indian rupees, or about \$2,000. Although only slightly more than 10 feet (3 metres) long and about 5 feet (1.5 metres) wide, the highly touted "People's Car" could seat up to five adults and, in Tata's words, would provide a "safe, affordable, all- weather form of transport" to millions of middle- and lower-income consumers both in India and abroad. In December 2012 Tata retired as chairman of the Tata Group. He briefly served as interim chairman beginning in October 2016 following the ouster of his successor, Cyrus Mistry. Tata returned to retirement in January 2017 when Natarajan Chandrasekaran was appointed chairman of the Tata Group.

PLACEMENTS

AHMEDABAD INSTITUTE OF TECHNOLOGY
• CE 2020-21 BATCH •
CONGRATULATIONS FOR YOUR SELECTION

RAMOLIYA KISHAN
SAPAI SAHILKHAN
ANUJ IYENGAR
KIRITAN PADIA
NEMISH SHETH
PRAJAPATI CHHAGANLAL

Logos: Infochips, TatvaSoft, THE ONE TECHNOLOGIES, Gateway Group

The voyage of discovery is not
in looking for new landscapes,
but in looking with new eyes.

—Anonymous

AHMEDABAD INSTITUTE OF TECHNOLOGY
• CE 2020-21 BATCH •
CONGRATULATIONS FOR YOUR SELECTION

VRAJESH BAROT
SHEKHAR CHAWLA
DHAVAL MISTRY
DARSH VASOYA
JAYDEEP PANCHAL

Logos: ICT infacon, Brainvire, Nirant Enterprise Pvt. Ltd., RADIX

AHMEDABAD INSTITUTE OF TECHNOLOGY
• CE 2020-21 BATCH •
CONGRATULATIONS FOR YOUR SELECTION

TIRTH SHAH
ANKUR CHAVATIYA
CHIRAG FABIYANI
RAVINA KERKETTA
RAHUL BILLAVA
NAIDU SUNDERAM S

Logos: DEVSTREE, Synoptek, AIMDek Technologies, RADIX





TOP 10 VIRUS TILL NOW



1. CryptoLocker

This malware attacked upwards of 250,000 machines by encrypting their files. 13% of all victims paid the ransom. The attack utilized a trojan that targeted computers running Microsoft Windows. It propagated via infected email attachments, and via an existing Gameover Zeus botnet. The malware encrypted certain types of files stored on local and mounted network drives using RSA public-key cryptography, with the private key stored only on the malware's control servers. The malware then displayed a message which offered to decrypt the data if a payment (through either bitcoin or a pre-paid cash voucher) was made by a stated deadline, and it threatened to delete the private key if the deadline passes. The file contain familiar extension such as *.doc or *.pdf , but they have hidden executable .exe.

Torjan Horse

2. Sasser

The Sasser worm was written by a 17-year-old German computer science student named Sven Jaschan. It affect vulnerable versions of the Windows XP and Windows 2000. This worm was named Sasser because it spreads by exploiting a buffer overflow in the component known as LSASS (Local Security Authority Subsystem Service) on the affected operating systems. The worm scans different ranges of IP addresses and connects to victim's computers primarily through TCP port 445. It effect news agency Agency France-Press (AFP) having all its satellite communications blocked for hours and flight company Delta Air Lines have to cancel several flights .Estimated damage is 500 million dollars.

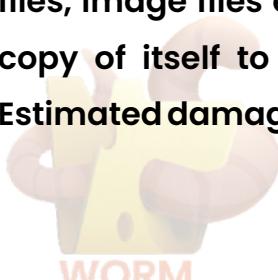
WORM VIRUS

3. Mydoom

It is a computer worm affecting Microsoft Windows. It was first sighted on January 26, 2004. It became fastest spreading worm ever and its author is unknown. Speculative early coverage held that the sole purpose of the worm was to trigger a dos attack against SCO Group 25 % of Mydoom. A-infected hosts targeted SCO Group with a flood of traffic. It spread via email and contains an attachment that, if executed, resends the worm to e-mail addresses found in local files such as a user's address book. It also copies itself to the "shared folder" of peer-to-peer file sharing application Kazaa in an attempt to spread that way. Estimated damage is of \$38 billion.

4. I love you

It is computer worm that send through email and harmed 10 million system. It spread through email with subject I love you, and attachment "LOVE-LETTER-FOR-YOU.txt.vbs". File extension 'vbs' is the type of interpreted file was most often hidden by default leading unwitting users to think it was a normal text file. Opening the attachment activates the Visual Basic script. The worm inflicts damage on the local machine, overwriting random types of files including Office files, image files etc; however after overwriting MP3 files the virus hides the file, and sends a copy of itself to all addresses in the Windows Address Book used by Microsoft Outlook. Estimated damage is of \$15 million



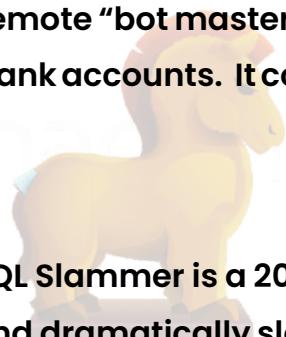
5. Code Red

First observed in 2001, the Code Red virus effected 975,000 hosts. It displayed the words "Hacked by Chinese!" across infected web pages, and it ran entirely in each machine's memory. In most cases it left no trace in hard drives or other storage. Financial costs are estimated at \$2.4 billion. The virus attacked websites of infected computers and delivered a distributed denial of service (DDoS) attack on the U.S. White House's website, www.whitehouse.gov. In fact, the White House had to change its IP address to defend against Cod Red.



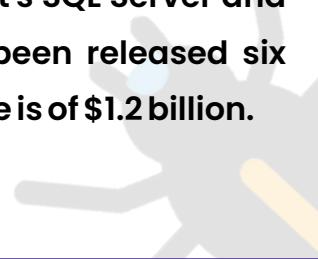
6. Zeus

It is type of trojan horse malware that affect over 74000 FTP accounts on website of companies like Bank of America, NASA, Monster.com, ABC, Oracle, Cisco, Amazon. It had breached 88% of all Fortune 500 companies, 2,500 organizations total, and 76,000 computers in 196 countries. The Zeus botnet was a group of programs that worked together to take over machines for a remote "bot master." It originated in Eastern Europe and was used to transfer money to secret bank accounts. It cost estimated damage of \$3 billion.



7. Slammer

SQL Slammer is a 2003 computer virus that caused a denial of service on some Internet hosts and dramatically slowed general Internet traffic. It randomly selected IP addresses, exploiting vulnerabilities and sending itself on to other machines. It affect Banking system and taking down ATM offline. The program exploited a buffer overflow bug in Microsoft's SQL Server and Desktop Engine database products. Although the MS02-039 patch had been released six months earlier, many organizations had not yet applied it. Estimated damage is of \$1.2 billion.



8. Sobig

Sobig is the second fastest computer worm to spread across many systems. Sobig Worm was a computer worm that infected millions of Internet-connected, Microsoft Windows computers in August 2003. It disrupted ticketing at Air Canada and interfered with countless other businesses. Sobig is not only a computer worm in the sense that it replicates by itself, but also a Trojan horse in that it masquerades as something other than malware. The Sobig worm will appear as an electronic mail. Estimated damage is of \$30 billion.

9. Klez

It infects Microsoft Windows systems, exploiting a vulnerability in Internet Explorer's Trident layout engine, used by both Microsoft Outlook and Outlook Express to render HTML mail. Klez was released in several variants. It infected files, copied itself, and spread throughout each victim's network. It was around for years, with each version more destructive than the last. With nearly \$20 billion in estimated damages, it infected about 7.2% of all computers in 2001. Once it is executed, either automatically by the buggy HTML engine or manually by a user, it searches for addresses to send itself to. When it sends itself out, it may attach a file from the infected machine, leading to possible privacy breaches.

10. WannaCry

The WannaCry ransomware attack was a worldwide cyberattack in May 2017 by the WannaCry ransomware cryptoworm., which targeted computers running the Microsoft Windows operating system by encrypting data and demanding ransom payments in the Bitcoin cryptocurrency. It caused many productivity loss. Many hospital and institute had to rebuild their system from scratch. The ransomware campaign was unprecedented in scale according to Europol, which estimates that around 200,000 computers were infected across 150 countries. According to Kaspersky Lab, the four most affected countries were Russia, Ukraine, India and Taiwan. Estimated damage is of \$4 billion.

Did You Know...?

Brain, the first PC virus, began infecting 5.2" floppy disks in 1986. As Securelist reports, it was the work of two brothers, Basit and Amjad Farooq Alvi, who ran a computer store in Pakistan. Brain affects the IBM PC by replacing the boot sector of a floppy disk with a copy of the virus.

UPCOMING TECHNOLOGY

HYPEROLOOP

Hyperloop is proposed mode of passenger and freight transportation, first used to describe an open source vactrain design by joint team of SpaceX and Tesla .Virgin company also manufactures Hyperloop. Hyperloop is describe as a sealed tube or system of tube with low air pressure through which a pod may travel substantially free from friction or air resistance. Hyperloop runs at approx 1,223 km/h. First human test of Hyperloop is done by Virgin company in desert outside Las Vegas where the company built 500 meters vacuum tube as track .Inside the tube,a pod carrying two passenger used electric propulsion and electromagnetic levitation to whisk above the track, reaching 107 mph in 6 sec. Tanay manjrekar ,a native of pune and Virgin Hyperloop Power Electronics Specialist, has become first Indian to travel in a Hyperloop Pod at DevLoop test facility at Las Vegas in USA. The main purpose of Elon Musk Hyperloop is to travel long distance in short time.In India , first Hyperloop project is established by Virgin company between Mumbai and Pune.Recently India and USA has fully functioned Hyperloop.

HOLOGRAM

As technology continues to progress, we are giving the opportunity to explore new and more Exotic types of programms, software and systems. Once innovation that is growing at a rapid pace is hologram technology. Holograms of varying forms have appeared over the years, including transmission holograms, which allow light to be shined through them and the image to be viewed from the side, and rainbow holograms, like those used on credit cards and driver's licenses for increased security.

Holograms are as close as your wallet. Most driver's licenses include holograms, as well as ID cards and credit cards. Holograms can even be found throughout our houses also. To make a Hologram, you record an object (or person) in a clean environment with a laser beam and apply the information to a recording medium that will clean up and clarify the image. A 3D Hologram is an object that is not actually there but looks like it is. Either in mid-air or standing on a nearby surface. 10 Best Real World Applications of Hologram Technology:

- 1. The Aerial Burton Laser Plasma Holograph
- 2. Pepper's Ghost
- 3. Fan type holograms
- 4. Light field display holograms
- 5. Digital holographic table top
- 6. Physical hologram
- 7. No-Logram
- 8. Table hologram
- 9. 3D volumetric technology
- 10. Fairy light

The technology used to capture and project Holograms has advanced rapidly in recent years.

These latest techniques allow increasingly convincing and interactive models to be displayed and

Fun Facts

1. The Original Xbox Contained Edited Sound Bites From Actual Transformation From Apollo Missions. If You Left The Xbox On Homescreen, Eventually You'll Hear Whisper Of Conversation – Actual Chatter From The Apollo Mission.
2. Nita Ambani Lauches A New App To Empower Women And Help To Build Digital Community. The "her App" Allows Woman A Safe Space To Connect And Talk About Issues That Really Matters.
3. Samsung Means "three Stars" in Korean. This Was Chosen By Founder (Lee Byung -chul) Because He Wanted The Company To Be Powerful And Everlasting Like Stars In Th Sky.
4. Wi-fi Was Developed By Using Technology From A Failed Experiment Attempting To Detect Black Holes.
5. Google Plans To Make The Internet Globally Available With Wifi-balloons.
6. 'Bluetooth' Technology Was Named After A 10th Century King Herald Bluetooth. He United Denmark And Norway Just Like Technology United Computers And Cell Phones.
7. When Google's Designer Irina Blok Asked To Create An Android Logo That Should Be In The Form Of Robot. This Is How He Created The Logo Inspired By Toilet's Logo.
8. Alien Robots Used In Famous Transformer's Movie Series Are So Huge, That If All Robot Parts Are Laid Out End To End, It Would Stretch From One Side Of California To The Other, About 180 Miles.

9. The First Search Engine Invented Was “archie” Created In 1990 By Alan Emtage, A Brilliant Student At McGill University In Montreal. It Was Created By Alan Emtage. It Was Used To Crawl Web Pages, Collect Data And Then Matching It With The Search Query And Then Returning The Search Results From The Database.

10. Hp, Google, Microsoft And Apple Have Just One Thing In Common Other Than The Fact That They Are Information Technology Companies. They Were All Started In Garages.

11. The World's First Computer Which Was Named The Z1, Was Invented By Konrad Zuse In 1936. His Next Invention, The Z2 Was Finished In 1940 And Was The First Fully Functioning Electro-mechanical Computer.

12. Alien Robots Used In Famous Transformer's Movie Series Are So Huge, That If All Robot Parts Are Laid Out End To End, It Would Stretch From One Side Of California To The Other, About 180 Miles.

13. Spacebar Is The Largest And Most Frequently Used Key. Without That Key, It Would Be A Little Difficult For Everyone To Read. It Is Amazing To Think That Almost 7,00,000 People Press Space Bar Along With You At The Same Time, According To A Study.

DID YOU KNOW?

Most Disney characters wear gloves to keep animation simple.

INTERNSHIPS



Sr. No	Enrollment Number	Student Name	Company Name	Month-Year
1	190020107031	Mayank Jogani.	Silverwing Technologies Pvt.Ltd	Jan-21
2	170020107056	Rajat Solanki	Prayaas Corps	Jun-20
3	170020107056	Rajat Solanki	Delicon	Jun-20
4	180020107008	Utsav Dabhi	Insidesherpa	Jun-20
5	180020116013	Rashmi Kshatriya	Prayaas Corps	Jun-20
6	170020107041	Tirth Patel	Knowledge Solutions India	Jul-20
7	170020107001	Akshit Vaishnav.	Brainybeam	Jul-20
8	170020107013	Shekhar Chawla	Brainybeam	Jul-20
9	180020116013	Rashmi Kshatriya	Octanone Orange Technologies	Jul-20
10	180020116013	Rashmi Kshatriya	Digital 360	Jul-20
11	180020107026	Viswash Mehta	Dimension NXG PVT LTD	Aug-20
12	180020107026	Viswash Mehta	Zaka	Sep-20
13	180020116013	Rashmi Kshatriya	Growth Wizards	Sep-20
14	180020116013	Rashmi Kshatriya	Radha Exports	Sep-20
15	180020116013	Rashmi Kshatriya	Vichitra Games	Sep-20
16	180020116013	Rashmi Kshatriya	Deal Delight	Sep-20
17	180020116013	Rashmi Kshatriya	Koverify	Sep-20
18	180020116013	Rashmi Kshatriya	Validlog	Oct-20
19	180020116013	Rashmi Kshatriya	Laddox	Nov-20
20	180020116013	Rashmi Kshatriya	Resonart	Nov-20
21	180020116013	Rashmi Kshatriya	Piggybank Media Works	Nov-20
22	180020116013	Rashmi Kshatriya	Sunraj India Corporation	Nov-20

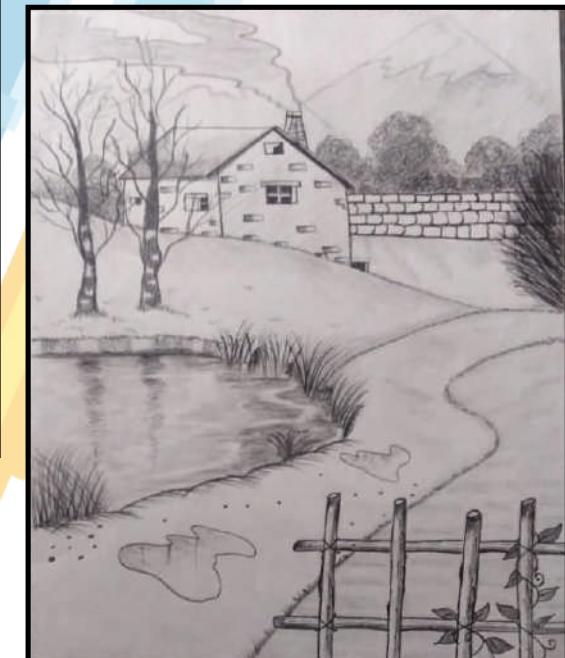
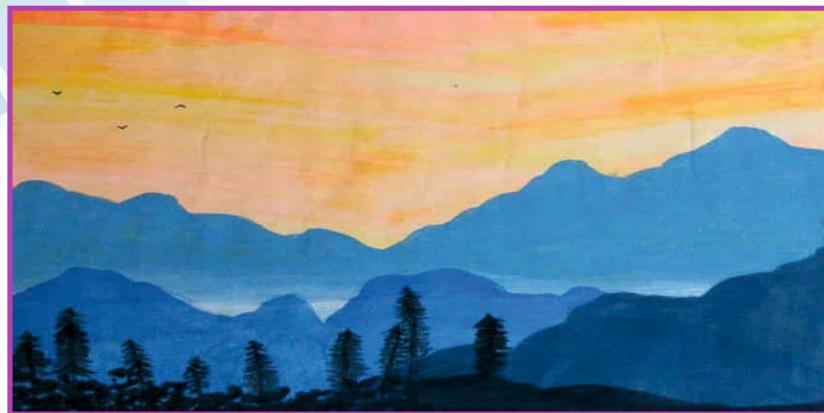
**"Don't judge each day by the harvest you reap
but by the seeds that you plant."**

-Robert Louis Stevenson

ART GALLERY



PRITI VADHIYA 180020107081



VISHWA THAKKAR 180020107077

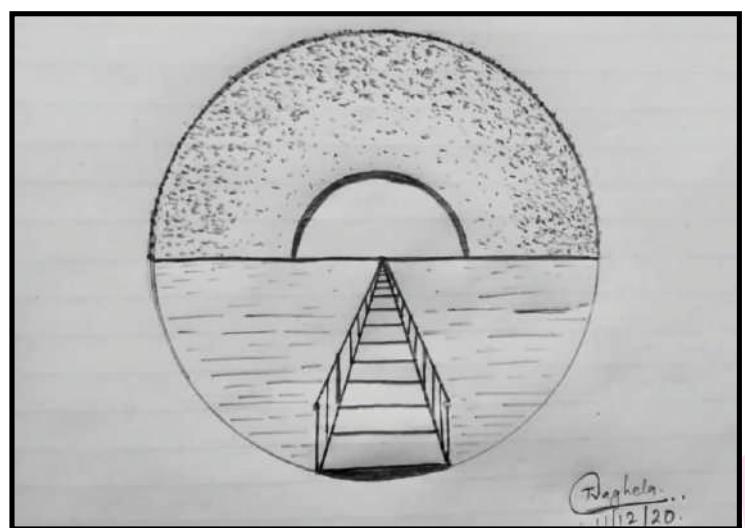
There is not must in art,
because art is free.

-Wassily Kandinsky

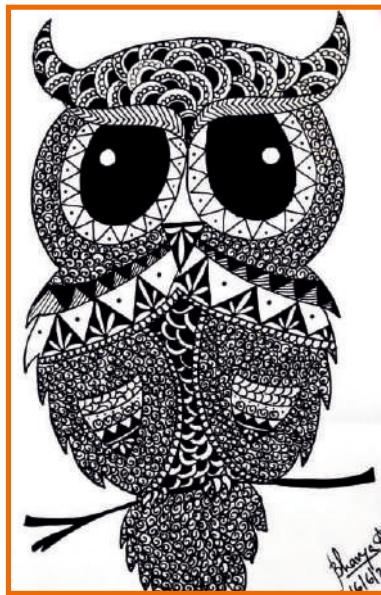
In drawing

one must look for or suspect that
there is more than is casually seen.

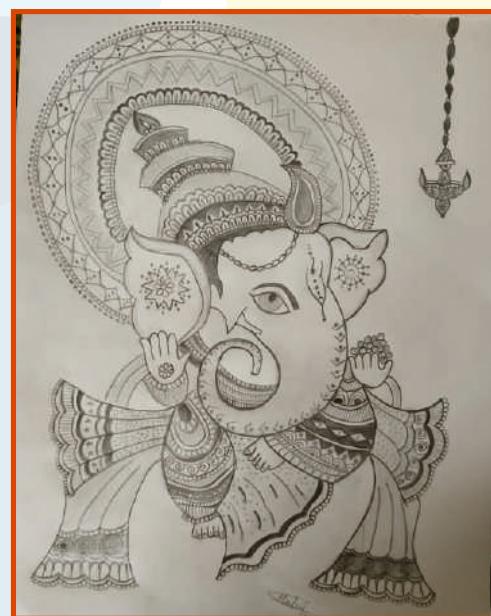
-George Bridgeman



Tanvi Vaghela 180020107000



Bhavya sheth 180020107071

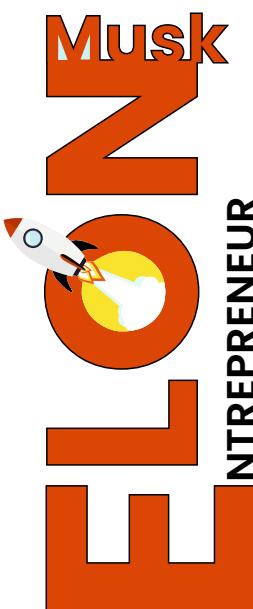


Malvi Shah 180020107065

About Elon Musk:

A South African entrepreneur who co-founded the electronic-payment firm PayPal and formed SpaceX maker of launch vehicle and spacecraft. He was also one of the first significant investors in, as well as chief executive officer of Tesla.

Elon Reeve Musk born in 28 June 1971 in Pretoria, South Africa he was born to a South African father and a Canadian mother.



About his Early life:

He showed his early talent for computers and entrepreneurship. At age of 12, he created a video game and sold it to a computer magazine and he received \$500 in 1984. Musk attended Queen's University in Kingston, Ontario, and in 1992, he transferred to the University of Pennsylvania, Philadelphia, where he received bachelor's degrees in physics and economics in 1997, then he enrolled in Stanford University in California but he left after only two days because he felt that the Internet had much more potential to change society than work in physics. In 1995, he founded Zip2, a company that provided maps and business directories to online newspaper then Zip2 was bought by Compaq company for \$307 million, and Musk then founded other services companies which became later Paypal, which specialized in transferring money online later Paypal was bought by eBay in 2002 for \$1.5 billion.

SpaceX

In 2002, he founded Space Exploration Technologies (SpaceX) to make affordable rockets. It was first two rockets Falcon 1 (launched in 2006) and Falcon 9 (Launched in 2010) which was designed to cost much less than competing rockets, third rocket Falcon Heavy (Launched in 2018) was the successor because it was designed to carry 53000kg to Orbit. The payload would be the Starship, a spacecraft designed for providing fast transportation between cities on Earth and building bases on The Moon and Mars.

Tesla

In 2004, Musk became one of the major founders of Tesla Motors, an electrical car company founded by entrepreneurs Martin Eberhard and Marc Tarpenning. In 2006, Tesla introduced its first car the Roadster, which could travel 394km on single charge and it was a sport car so it could go from 0-100km/h in less than four seconds. It was faster than Bugatti Chiron priced \$3 million and Roadster \$200k.

HyperLoop

He has also raised \$68 billion project on a high-speed rail system in California, the Hyperloop, a pneumatic tube in which a pod carrying 28 passengers would travel 560km between Los Angeles and San Francisco in 35 minutes at a top speed of 1200km per hour, nearly the speed of sound.

Innovations In 2020



Visibility What's In The Air

Particles in the air are no longer invisible. With the Air Detective, We use technology analyze an air sample and record them with holographic images. Those images are then sent to the cloud for on-the-spot analysis of the types of spores, pollens and other airborne particles no need to get sample and send it to lab.

Quantum Computer

Rather than store information using bits represented by 0s or 1s as Conventional digital computers do, quantum computers use quantum bits, or qubits to encode information as 0s, 1s or both at the same time. This superposition of states-along with the other quantum mechanical phenomena of entanglement and tunnelling enables quantum computers to manipulate enormous combinations of states at once to achieve supremacy of supercomputers.



A Mind Controlled Tv Remote

"NextMind" is a headset fitted with sensors that monitor electrical pulses in the weares's brain. By tracking activity in the visual cortex, the device translates brain waves into real-time digital commands, allowing the wearer to change TV channels or control video game characters simply by concentrating on objects.

Codex DNA BioXpTM 3250 System



The world's first and only commercially available push-button automated platform for on-demand DNA assembly and amplification allows researchers to synthesize genes and gnomes faster than ever, with the potential to accelerate the development of vaccines, diagnostics for our most critical health conditions ,including cancer and infectious disease.

BioInk

Bioink is the material used to produce engineered live tissue using 3D printing technology. It can be composed only of cells, using bioink now we can make artificial human-body organs that can last longer.



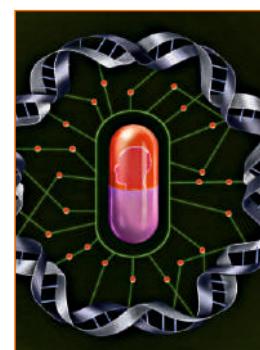
Collision-avoidance For Drones



It can provide alternative navigation if the primary guidance fails and assist with accurate, automated landings. It saves weight and space by replacing other sensors, which is key for Urban Air Mobility (U.A.M .) vehicles like air taxies and Unnamed Aerial vehicles like drones.

Hyper-personalized medicine

A genetic medicine tailored to a single patient means hope for people whose ailments were previously incurable. In other words this medicine can cure or at least makes fighting chance for genetic fix which has no cure or some unknown diseases.



VIRTUAL TEACHER'S DAY CELEBRATION

SEM 4 C.E.

Happy Teacher's Day!

Having teachers like you all is the best blessing.
You all are the inspiration and guide to our life.
No Google or technology can replace a teacher.

Thank you for always being friendly and caring!

शुक्रिया शब्द शब्द का अर्थ बताने के लिए।

Thank you for always inspiring and supporting us.

शुक्रिया सही गलत की पहचान देने के लिए।

Thank you for shaping us into a good person!

कहते हैं भगवान से भी अधिक महत्व गुरु को दिया जाता है.....

'As teaching is the only profession that teaches all of the other professions'.

Also in this pandemic, we can't celebrate teacher's day but we can make their day special with all lovely wishes by bringing smile on their face! Because being the reason of your teacher's smile is priceless!
Thank you!

NIRAV PRAJAPATI - 190020117073

SEM-6 I.T.

Technology is just a tool. In terms of getting the kids like me working together and motivating them, the teacher is the most important because it's not a tool like technology.

Happy Teachers Day

Meet Mandaviya - 180020116017

Teachers have to lead by example, and you all have always been an excellent example to follow. As a student, I feel very grateful to have such a great mentor in my life.

Happy Teachers' Day !

Payal Bhansali - 180020116002

No Google or Technology can replace a Teacher Ever!

Happy Teachers' Day!

Jayraj Thakur - 190023107024

SEM-6 C.E.

Because of your wise counsel and guidance we emblonded and now face the future with much confidence from all the lessons both formal and informal that we earned from you . We truly appreciate teachers effort

HAPPY TEACHERS DAY!

Thakkar vishwa- 180020107077

HAPPY TEACHER'S DAY!

Education plays a very important role in our life...and we impart this from you ☺ all the teachers are truly blessings for us ✨. On this very special day, I would like to thank each and every faculty who supported and encouraged me during all the hard times

Bhavya Sheth - 180020107071

SEM 8 C.E.

Happy Teachers Day! Wishing you joy and happiness, you are an amazing teacher, and you only deserve the best. You are the spark, the inspiration, the guide, the candle to my life. I am deeply thankful that you are my teacher.

HAPPY TEACHERS DAY

FENIL CHOKSHI - 180023107002

भाग्य विधाता है शिक्षक,,,
राष्ट्र निर्माता है शिक्षक,,,
सद्दर्शन दाता है शिक्षक,,,
जीना सिखाता है शिक्षक,,,
दुर्गुण भगाता है शिक्षक,,,
सद्गुणी बनाता है शिक्षक,,,

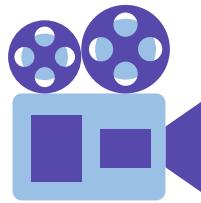
माता पिता, प्रकृति व जीवन में ज्ञान देने वाले प्रत्येक शिक्षक को सादर वंदन, नमन।

शिक्षक दिवस की हार्दिक बधाई, असीम शुभकामनाएं

Akshit Vaishnav - 170020107001

SEM 4 I.T.

Don't know much about Teacher's Day, the history, the man behind this...But all I know is : I, you and we all are able to read this just because of our teachers! Our teachers made us capable to read all this...As you would have heard that school is our second home, just the same way teachers are our second parents...I still remember, my sir used to told this every teacher's day: If a doctor does any mistake nothing happens just one person will die, If a judge does any mistake nothing happens just one person will hang up but if a teacher does any mistake it will reflect the whole nation (This line really gave me goosebumps and still giving everytime i read) The respect i have for all my teachers is beyond imagination, there is no such word which can describe our teachers, I have read somewhere that teachers are like candle they make themselves burn and light up student's life! As per my perspective being a teacher is a best profession, even i also desire to be a teacher because teacher can change the world by changing the minds of people! [Rashid Khan - 190020107068]



HAVE YOU WATCHED IT YET...?

① The Great Hack

The Great Hack is a 2019 documentary film about the Facebook- Cambridge Analytica data scandal. The documentary focuses on the professor David Carroll of Parsons and The New School Brittany Kaiser (former business development director for Cambridge Analytica) and British investigative journalist Carol Cadawalladr . Their stories interweave to expose the work of Cambridge Analytica in the politics of various countries, including the United Kingdom's Brexit campaign and the 2016 United States elections.

Directed by: Karim Amer, Jehane Naoujaim

IMDB: 7.1/10

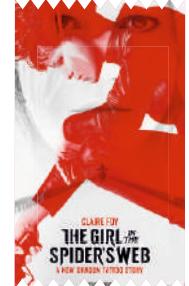


② THE GIRL IN THE SPIDER'S WEB

Scarred forever by the hideous and unforgivable sins of her father, the antisocial, technologically brilliant computer hacker, Lisbeth Salander, finds herself ridding Stockholm of sadists who hate women. It's been three silent years since she last saw her old journalist friend, Mikael Blomkvist, after the events of The Girl with the Dragon Tattoo in 2011, and now, Lisbeth is with her back to the wall, hunted down like prey for stealing Project Fire Fall: a powerful tool designed for the Americans, developed to breach and control most online defence systems.

Directed by: Fede Alvarez

IMDB: 6.1/10



③ SNOWDEN

The NSA's illegal surveillance techniques are leaked to public by one of the agency's employee, EDWARD SNOWDEN, in the form of thousands of classified documents distributed to the press. Snowden and his peers are each tasked with building a covert communications network in their hometown, deleting it, and then rebuilding it in eight hours or less, with five hours being the average time taken.

Directed by: Oliver Stone.

IMDB: 7.3/10



④ WHO AM I (2014)

Benjamin is invisible, a nobody. This changes abruptly when he meets charismatic Max. Even though they couldn't seem more different from the outside, they share the same interest: hacking. Together with Max's friends, the impulsive Stephan and paranoid Paul, they form the subversive Hacker collective "CLAY" (CLOWNS LAUGHING @ YOU).

Directed by: Baran bo Odar

IMDB: 7.6/10



⑤ THE SOCIAL DILEMMA

"THE TECHNOLOGY THE CONNECTS US ALSO CONTROLS US"

Set in the dark underbelly of Silicon Valley, The Social Dilemma fuses investigative documentary with enlightening narrative drama. Expert testimony from tech whistle-blowers exposes our disturbing predicament: the services Big Tech provides—search engines, networks, instant information, etc.—are merely the candy that lures us to bite. Once we're hooked and coming back for more, the real commodity they sell is their prowess to influence and manipulate us.

Directed by: Jeff Orlowski

IMDB: 7.6/10





"This will mean every email you send through Gmail, every question you ask Google Search, every YouTube video you watch, and every route you take using Google Maps is supplied by clean energy every hour of every day."

SO, WHAT IS GOOGLE CURRENTLY DOING?

For a start, its data centres – the major contributor to the company's electricity use – are some of the most efficient in the world, apparently using no more than 50% of the energy of other companies' data centres.

Google buys electricity directly from wind farms near their data centres.



Green initiatives by its employees have eliminated the equivalent of more than 10,000 metric tons of CO₂ per year. These initiatives include installing solar panels on Google's Mountain View campus and the introduction of a shuttle program to ferry employees between campuses.

Google is apparently working with other ICT companies to obtain higher efficiency and sustainability standards for computers and data centres.

Google has already launched some products which contains recycled materials such as the back cover of the Pixel 5 is made with 100% recycled aluminium, and the new Nest Audio has 70% recycled plastic, with the sustainable fabric cover it introduced with the Nest Mini last year. And on the newest Nest Thermostat, the trim plate (the part that attaches to the wall) is made from post-consumer recycled plastic.

Google just made one of most ambitious environmental commitments: it will work to run its operations purely on carbon-free energy by 2030. It further said on working towards achieving zero-waste-to-landfill certification at all of its final assembly manufacturing sites by 2022, meaning the majority of waste from carbon-free operations will be recycled. It also announced that as of today, it has purchased enough carbon offsets to essentially cancel out all the planet-heating carbon dioxide emissions the company has released since it was founded in 1998.

Google has been carbon neutral each year since 2007, which means that it offsets the emissions it generates from burning fossil fuels by investing in renewable energy projects or other initiatives that draw carbon dioxide out of the atmosphere and into storage. It released 4.9 million metric tons of greenhouse gases in 2018 alone, roughly the amount that more than 1 million passenger vehicles might put out in a year.



Before Google can rely completely on carbon-free energy, it will need to overcome some technological hurdles. It will need more and better batteries to store and supply energy when the sun doesn't shine and winds come to a halt. It also says it's figuring out how to use AI to forecast the company's electricity demand and become more energy efficient. While figuring out to meet those challenges, Google says its commitment to end its reliance on fossil fuel could pave the way for other companies to do the same. It believes its environmental efforts will create 12,000 jobs by 2025.



C.E. & I.T. Portal



Computer engineering and Information Technology is one of the most in-demand and versatile platform today. Computer/IT engineering is a discipline that integrates several fields of electrical engineering and computer science required to develop computer hardware and software. It incorporates various disciplines like networking, database handling, Automation, artificial intelligence, embedded systems etc. The students will be learning all aspects of computer including various languages beginning from c, c++, Java, php, etc. Computer/IT engineers develop, design, and test software. Some software engineers design, construct, and maintain computer programs for companies. Some set up networks such as "intranets" for companies. Others



AIT -CE & IT Department

- ▲ Home
- Vision & Mission
- E- News Letter
- Semester
- MSE/Class Test Result
- MSE Schedule
- Notice Board
- Photo Gallery
- Video Lectures

About Portal

- It is a One Touch Solution.
- It act as a bridge between students and faculties through which Faculties can send their subject related documents (Syllabus, Question Bank, Practical, GTU Papers, Assignments and other Subject Related Materials).
- From the portal, students can also get the other information like Academic Calendar, Time Table, MSE Exam Schedule, and MSE Marks.
- Portal is also having features like Notice Board and Photo Gallery.
- It is prepared using new Google Site Platform. It is available for 24x7.
- Developed by Dr. Ajay N. Upadhyaya (Head of CE & IT Dept.) using Google Site platform.



- ▲ Home
- Vision & Mission
- E- News Letter
- Semester
- MSE/Class Test Result
- MSE Schedule
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- Photo Gallery
- Video Lectures

Semester

1
1st sem

2
2nd sem

3
3rd sem

4
4th sem

5
5th sem

6
6th sem

7
7th sem

8
8th sem

TO VISIT PORTAL

CLICK HERE

STTP



STTP Topic: National Level STTP On Machine Learning

STTP Duration: 10 Days

Sponsored By: Gujcost

Start Date: 02/11/2020

End Date: 12/11/2020

No Of Experts: 10



Total Participant's: 96 Participants (21 Faculty Members, 75 students/Research Scholars) from Gujarat and outside Gujarat

TOPICS COVERED : Introduction to Machine Learning,Machine Learning and Python basics and Libraries for ML,Optimization Techniques,Regression and Regularization,Supervised Learning Algorithms (Classification),Unsupervised Learning Algorithms (Clustering),Support Vector Machine (Linear and Non-linear),Artificial Neural Network,Deep Learning Models and Architecture,Transfer Learning and Auto-Encoder



AHMEDABAD INSTITUTE OF TECHNOLOGY

AICTE Approved & GTU Affiliated

MEET OUR 8TH SEM CE-IT DEPARTMENT TOPPERS (SPI 10.00)



Bharti Rawat
160020107004



DABREI TAPAN
MANEKHAI
160020107007



DALAL NISHANT
ANKUSH
160020107008



PACHORI PARUL
ALOK
160020107033



PARIKH MANSI
JAYDEEP
160020107038



PATEL AASTHA
VIRENDRABHAI
160020107042



PATEL MAHARSHI
160020107046



PATEL RUTVIK
HARESKUMAR
160020107051



PATEL SOHAM
ALPESH
160020107054



SAHOO VISHAL
SANTOSH
160020107061



SHAH KARAN
NILESBHAI
160020107063



SHAH NEEL
DILESHKUMAR
160020107064



SHAH RUTVA JIGNESH
160020107066



THAKER
JAYAM ASIM
160020107073



TIWARI SUMAN
MAHESHKUMAR
160020107082



DAVE SHAILI
160020116002



AMBAKHUTWALA
HUZAIFA ALIASGAR
160020116005



HARE什KUMAR
BABABHAI KOTADIYA
160020116008



METHA SANKET
USHANGBHAI
160020116011



PATEL SAMARTH
TULSIBHAI
160020116024



SHAH DHAIRYĀ
SHAILESH
160020116029



THAKKAR KRISHNA
JAY
160020116036



TRIPATHI VINAYAK
RAMCHET
160020116039

CONGRATULATIONS
STUDENTS

"There are no shortcuts to any place worth going."

- Beverly Stills

Walkathon On De-Addiction



To promote the de-addiction campaign , Ahmedabad Institute of Technology Engineering College organised a walkathon on 17th February, 2020 on S,G Highway with approx 300 students and staff members.The main motive behind the rally was spreading the awareness in the society about the adverse effect of injurious addictions.Tobacco,alcohol and dangerous drug addictions are not only persistent in India but it has resulted into a widespread issue all over the world,for which governments are also opening de-addiction centers.Hence it's very necessary to spread the awareness among indian youth and various strata of society to be aware about the disadvantage of addictions and motivate them to live a healthy life for better future.

TALENT SHOW



WORKSHOPS

skill.



0. C++

22, 23 & 29 JAN, 2020



1. PhP

15 FEB, 2020



2. I.O.T.

15 Feb, 2020



3. AWS

18 Feb, 2020



4. Python 3

18 Feb, 2020



5. Python Django

20 Feb, 2020
23 Sept, 2020

 AHMEDABAD INSTITUTE OF TECHNOLOGY

E - WORKSHOP ON PYTHON D'JANGO

Trainer: Alkesh Kaba
Director, Praxware Technologies



Date: 23 Sep 2020
Time : 10:30 AM onwards

6. Cyber Security & Ethical Hacking

26 May, 2020

Webinar on
Cyber security and
Ethical Hacking
By: Expert Swapnil Pandya, Co
Founder @Inferno Infosec
Date: 26/5/2020



#Stay Home
#Get Trained

It's Time To Learn
Something New


7. Angular Js 2

30 May, 2020

Webinar on
Angular Js

By-
Expert Mr.Vijay Prajapati,
Founder & Director,
HN Techno
Date: 30 May 2020



#Stay Home
#Sharp Your Skills
#Stay Updated

8. SAP

19 June, 2020



Ahmedabad Institute Of Technology

Computer and Information Technology Department

Webinar on "To make career in SAP"



Date: 19 June 2020 at 11:00 AM
Umang Madhu, Director
Epnovate Technology Pvt.Ltd.



9. Data Science & A.i.

26 Jun, 2020



FREE WEBINAR

**Data Science &
Artificial Intelligence**

Free Certificate

Free eBook on AI and Data Science

Date : 26th June | 11.30 am onwards



Sunil Purohit
CEO & Industry Expert



Shalini Mathur
Data Scientist
Corporate Trainer



Fingertips - Data Intelligence Solutions

**Faculty Coordinator : Ajay N. Upadhyaya
(HOD CE & IT Dept.)**

info@fingertips.co.in | www.fingertips.co.in | +91 7802858907

10. Spring Framework

29 Aug, 2020



Ahmedabad Institute Of Technology



DevOps TechLab
Future Redefined

Webinar

Title: First Step towards Spring Framework

Workshop



Date - 29 Aug 2020

Time -10:30 AM to 12:30 PM

**Janak Thakkar and Team
CEO & Trainer at Devops TechLab**

I rate enthusiasm even above professional skill.

-Edward Appleton



WORKSHOP DETAILS

Sr. No	Name of Event	Date	Coordinator/Expert	Participants
1	Workshop on "Object Oriented Programming using C++"	22/01/2020 23/01/2020 29/01/2020	Prof. Bhagyashri Lachhwani and Prof. Sweety Patel	85
2	Workshop on "Web Development Using PHP"	15/02/2020	Mr. Alkesh Kaba , Praxware Technology [External Expert]	52
3	Workshop on "N/W Programming"	15/02/2020	Mr. Harish Luhar ,Spyderwave Technologies [External Expert]	43
4	Workshop on "AWS"	18/02/2020	Mr. Sudarshan Bhatnagar, Grass Solutions Pvt. Ltd. [External Expert]	56
5	Workshop on "Basic Python"	18/02/2020	Mr. Alkesh Kaba , Praxware Technology [External Expert]	46
6	Workshop on "Python with django Framework"	20/02/2020	Mr. Alkesh Kaba , Praxware Technology [External Expert]	35
7	Design Engineering 1B Workshop	20/02/2020	Prof. Parinda Prajapati	80
8	Workshop on "Ethical Hacking and Cyber Security"	26/5/2020	Mr. Swapnil Pandya Co-founder at inferno infosec [External Expert]	143
9	Online Workshop on "Angular js"	30/5/2020	Mr. Vijay Prajapati Director at HN Techno [External Expert]	124
10	Online Workshop on "To make career in SAP"	19/6/2020	Mr. Umang Madhu Director at Epronatech [External Expert]	50
11	Online Workshop on "Data Science & Artificial Intelligence"	26/6/2020	Mr. Sunil Purohit, CEO and Industry Expert at Fingertips Ms. Shalini Mathur, Data Scientist and Corporate Trainer at Fingertips [External Experts]	122
12	Online Workshop on "First Step Towards Spring Framework"	29/8/2020	Mr. Jigar Shah Trainer at Devops TechLab [External Expert]	138
13	Online Workshop on "AWS"	22/09/2020	Mr. Ashish Gajjar E-infochip [External Expert]	90
14	Online Workshop on "Python D'Jango"	23/09/2020	Mr. Alkesh Kaba , Praxware Technology [External Expert]	83
15	Online Workshop on "Android Development"	24/09/2020	Mr. Hitesh Kachhela Praxware Technologies [External Expert]	48
16	Online Design Engineering Workshop	13/10/2020	Prof. Parinda Prajapati	32
17	Online Design Engineering Workshop	16/10/2020	Prof. Parinda Prajapati	43

NEVER HEARD BEFORE

Har Jazbaat Ko Zubaan Nahi Milti,
Har Arzu Ko Dua Nahi Milti,
Muskan Banaye Rakho To Saath Hai
Duniya,
Warna Ansuo Ko Toh Ankhon Mein Bhi
Panah Nahi Milti.

Kai jeet baki hai kai haar baki hai
Abi to zindgi ka saar baki hai
Yaha se chale hai nayi manjil ke liye
Yeh ek panna tha abi to kitab baki hai

Umarki raah mein JAZBAAT badal jaate hai,
Waqt ki AAndhi me HALLAT badal jaate hai,
Sochta hoon kaam kar kar kr Record tod dun,
Lekin kambakt salary dekhte he KHAYAL
badal jaate hai.

Naa Paas Hone ki chinta,
Naa fail Hone ka dar.
Jab tak hai Dum
Form Bharenge hum.

Aasmaan jitana nila hai,
Surajmukhi jitana pila hai,
Paani jitana gila hai,
Aapka skroo utana hi dhila hai.

Jab bhi dil udhas hota hai to college
ke vo din yaad kar leta hu kahan
milenge aise yaar yahi sochkar apni
aakhen nam kar leta hu

Laugh Out Loud



Manager: What is your qualification?

Pappu: I'm Ph.D.

Manager: What do you mean by Ph.D.?

Pappu: Passed high school with difficulty.



New way of writing answers in exams.

If you don't know the answer,
then put lines like this:

|||||||

and write below:

'Scratch here for ANSWERS'

After robbing the bank, 1 robber to clerk: Did you see me robbing?

Clerk: Yes, I saw you.

Robber killed him and asked to the next clerk: Did you?

Second Clerk: No, but my wife saw you!



Grandfather to Grandson:

Go Hide, Your Teacher Is Coming
As You Bunked School Today.

Grandson: You Go Hide,
I Told Her You Passed Away...



PROFESSIONAL DEVELOPMENT ACTIVITIES

Sr. No	Faculty Name	Topic	Type of Activity	Month-Year
1	Dr. Ajay N Upadhyaya	Coursera Administrator Training	Coursera	Apr-2020
		Programming for Everybody (Getting Started with Python)	Coursera	May-2020
		Universal Human Values on the theme "Inculcating Universal Human Values in Technical Education" organised by AICTE	FDP	May-2020
		FDP on Quality Education through OBE" sponsored by AICTE under Margadarshan Organised by Vardhaman College Of Eng., Hyderabad	FDP	July-2020
		NAAC Assessment and Accreditation Process organised by IQAC-GTU	FDP	Aug-2020
		International FDP on "Emerging Trends & Technologies in Data Science" organised by GMR Institute of Technology, Rajam, Andhra Pradesh	FDP	Aug-2020
		ATAL Academy Online FDP on "Data Sciences" organised by RGPV, Bhopal	FDP	Sep-2020
2	Prof. Dhaval Khatri	ATAL Academy Online FDP on "Artificial Intelligence" organised by Jaypee Institute, Noida	FDP	Oct-2020
		Skilling India Workforce on Cyber Range With Live Cyber Attack Demonstration	Webinar	May-2020
		Java For Every One	Workshop	May-2020
		Demystifying Network Security	FDP	May-2020
		Digital Transformation Fundamentals	Webinar	May-2020
		Kick Start your Research Work	Webinar	May-2020
		Virtual Desktop Infrastructure	Webinar	June-2020
		Digital Transformation Through Data Science & Cyber Security	Webinar	June-2020
		Nerual Networks Jounery from Shallow to Deep Learning	Webinar	June-2020
		ATAL Academy Online FDP on "Data Sciences"	FDP	Sep-2020
		ATAL Academy Online FDP on "Artificial Intelligence"	FDP	Nov-2020
		STTP on "Machine Learning"	STTP	Nov-2020
		Recent trends in AI,ML and Deep Learning	FDP	Dec-2020
3	Prof. Sweety Patel	Blockchain Basics	Coursera	June-2020
		Building Custom Regional Reports with Google	Coursera	June-2020
		Building Custom Regional Reports with Google Analytics	Coursera	June-2020
		STTP on "Machine Learning"	STTP	Nov-2020
4	Prof. Bhagyshri Lachhwani	Blockchain Basics	Coursera	June-2020
		Building Custom Regional Reports with Google	Coursera	June-2020
		Create a Resume and Cover Letter with Google Docs	Coursera	June-2020
		Create Informative Presentations with Google Slides	Coursera	June-2020
		Introduction to Python	Coursera	June-2020
		Retrieve Data using Single-Table SQL Queries	Coursera	June-2020
		Software Processes and Agile Practices	Coursera	July-2020
		How to get an Idea to become a Next-Gen Enterpreneurs	Webinar	June-2020
		Data Science and AI WEBINAR	Webinar	July-2020
		Internet of Things with Machine Learning and Artificial Intelligence	FDP	Sep-2020
		Internet of Things (IoT)	FDP	Sep-2020
		PCOS : A Major cause of concern in young and adolescent girls	Webinar	Sep-2020
		IEEE WIE International Leadership Summit'20-Nagpur	Workshop	Nov-2020
		STTP on "Machine Learning"	STTP	Nov-2020
5	Prof. Chintan Nagrecha	"Blockchain Digital Transformation" - Webinar conducted by Birla Vishwakarma Mahavidyalaya.	Webinar	May-2020
		Covid 19 Data Analysis, Visualization and Prediction - 3 days online workshop organized by DEPSTAR, CHARUSAT.	Workshop	May-2020
		"AWS, Software Testing and Spring" - Webinar series conducted by STAD Solution	Webinar	May-2020
		"Python 3.4.3" - 5 days remote FDP organized by MBIT, Vallabh Vidyanagar in association with spoken tutorial, IIT - bombay.	Workshop	May-2020
		"Internet Of Things" - 5 days online FDP organized by NIELIT , Gangtok.	FDP	Sep-2020
		STTP on "Machine Learning"	STTP	Nov-2020
6	Prof. Neha Prajapati	Introduction to HTML5	Coursera	June-2020
		How to get an Idea to become a Next-Gen Enterpreneurs	Webinar	June-2020
		PCOS : A Major cause of concern in young and adolescent girls	Webinar	Sep-2020
		MADEOFIRON	Webinar	Sep-2020
		Programming for Everybody (Getting Started with Python)	Coursera	Sep-2020
		Python for Data Science and AI	Coursera	Sep-2020
		STTP on "Machine Learning"	STTP	Nov-2020

Sr. No	Faculty Name	Topic	Type of Activity	Month-Year
7	Prof. Madhuri Parekh	Computer Architecture (12 Weeks)	NPTEL	Apr-2020
		Intellectual Property For New India	Webinar	May-2020
		PCOS : A Major cause of concern in young and adolescent girls	Webinar	Sep-2020
		STTP on "Machine Learning"	STTP	Nov-2020
		"Research Methodology" - 5 Days STTP organized by Marwadi University	STTP	Dec-2020
		"Desgin Engineering" - 5 days FDP by GTU	FDP	Feb-2021
8	Prof. Parinda Prajapti	covid 19 operational planning course	who course	Mar-2020
		Introduction to Economic Theories	coursera	Apr-2020
		AWSome day online conference	Webinar	May-2020
		Programming for Everybody (Getting Started with Python)	coursera	May-2020
		How to get an Idea to become a Next-Gen Enterpreneurs	Webinar	June-2020
		Deep Learning and Artificial Intelligence	FDP	Sep-2020
		PCOS : A Major cause of concern in young and adolescent girls	Webinar	Sep-2020
		What is Data Science?	coursera	Sep-2020
		MADEOFIRON	Webinar	Sep-2020
		Introduction to Artificial Intelligence (AI)	coursera	Oct-2020
		Big Data Modeling and Management Systems	coursera	Oct-2020
		Cyber Attack Countermeasures	coursera	Nov-2020
		IEEE WIE International Leadership Summit'20-Nagpur	Workshop	Nov-2020
		STTP on "Machine Learning"	STTP	Nov-2020
9	Prof. Heena Panjwani	Blockchain Basics	Coursera	June-2020
		Building Custom Regional Reports with Google Analytics	Coursera	June-2020
		Retrieve Data using Single-Table SQL Queries	Coursera	June-2020
		Introduction to Python	Coursera	June-2020
		Software Processes and Agile Practices	Coursera	June-2020
		Data Science and AI WEBINAR	Webinar	Jul-2020
		Internet of Things with Machine Learning and Artificial Intelligence	FDP	Sep-2020
		Internet of Things (IoT)	FDP	Sep-2020
		IEEE WIE International Leadership Summit'20-Nagpur	Workshop	Nov-2020
		STTP on "Machine Learning"	STTP	Nov-2020
10	Prof. Bansari Thakkar (BRT)	How to get an Idea to become a Next-Gen Enterpreneurs	Webinar	June 2020
		Data Science and AI WEBINAR	Webinar	Jul-2020
		PCOS : A Major cause of concern in young and adolescent girls	Webinar	Sep-2020
		ATAL Academy Online FDP on "Data Sciences"	FDP	Sep-2020
		MADEOFIRON	Webinar	Sep-2020
		What is Data Science?	Coursera	Sep-2020
		Introduction to Artificial Intelligence (AI)	Coursera	Oct-2020
		Big Data Modeling and Management Systems	Coursera	Oct-2020
		Cyber Attack Countermeasures	Coursera	Nov-2020
		IEEE WIE International Leadership Summit'20-Nagpur	Workshop	Nov-2020
11	Prof. Shital V. Patel	STTP on "Machine Learning"	STTP	Nov-2020
		JAVA Programming	NPTEL	Apr-2020
		R Programming	FDP	May-2020
		Applied Data Science	FDP	May-2020
		Python Basics	Coursera	July-2020
		ATAL Academy Online FDP on "Artificial Intelligence"	FDP	Sept-2020
		PCOS : A Major cause of concern in young and adolescent girls	Webinar	Sept-2020
		STTP on "Machine Learning"	STTP	Nov-2020
12	Prof. Pooja Vyas	IEEE WIE International Leadership Summit'20-Nagpur	Workshop	Nov-2020
		Programming Foundations with JavaScript, HTML and CSS	Coursera	May-2020
		Conversational Bot designs	Webinar	May-2020
		Brain computer interface	Webinar	May-2020
		Development of deep learning architecture	Webinar	May-2020
		Programming for Everybody (Getting Started with Python)	Coursera	June-2020
		Internet of things using Raspberry pi	webinar	June-2020
		Agile Software Development	Coursera	Sept-2020
		ATAL Academy Online FDP on " Semantic Intelligence: Applications and Perspectives"	FDP	Sept-2020
		IEEE WIE International Leadership Summit'20-Nagpur	Workshop	Nov-2020
		STTP on "Machine Learning"	STTP	Nov-2020
		Introduction to Relational Database and SQL	Coursera	Nov-2020



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