VISHWAKARMA GOVERNMENT ENGINEERING COLLEGE
Chandkheda, Ahmedabad, 382424, Gujarat, India

NEWSLETTER 2020
Volume 5: Jan 2020 - Dec 2020

DEPARTMENT OF
INFORMATION TECHNOLOGY

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From the Department Co-ordinator's Desk

The newsletter for 2020 is a matter of immense joy. Because of COVID-19, the education system this year has undergone significant changes, as both students and teachers had to adjust to new learning approaches. Because of the the pandemic, the economy and day-to-day operations had been halted. Schools and universities had to close down and in-person classes were dismissed. However, it would be a catastrophe to entirely cease teaching in the ever-evolving technical era of today. With the ideal of quality education in mind, the college decided after the first quarter to teach online learning. The idea of online learning was very daunting at first since many of us are used to in-class teaching experience and one-on-one meetings with students and faculty. The institution had, however, ensured that both students and faculty respond to and continue to learn novel approaches. In an effort to follow university standards and the curriculum, online learning platforms such as Moodle, Google Meet, and Microsoft Teams were used to conduct classes and practicals supplemented with assignments and quizzes were assigned to ensure complete and holistic learning. In the midst of the current pandemic, the department has continued its efforts to conduct online technological and communication skills development workshops to help students make the most of their free time. To go even further, the institution has also collaborated with Coursera, an internationally recognized online learning platform to provide undergraduate students with free courses in all fields. This has enabled students to learn from the world's best universities and professors and to keep up with the pace of the rapidly evolving modern world. In order to ensure sustainability, the department took the utmost care not to let the pandemic impact the research activities and placement drives. In addition, students were made aware of COVID-19 to make them morally and socially responsible in this pandemic era.

-Dr. V. D. Patel (Department Co-ordinator, IT, VGEC)

Vision

"The department aims to nurture students to be IT professionals who are innovative and technically competent to meet the advancements in industrial and societal needs."

Mission

1. To produce technically competent and socially responsible graduates.
2. To develop well-equipped laboratories to gain practical exposure in IT practices.
3. To support research culture, consultancy work and enhancement of entrepreneurship skills.
4. To enhance industry linkage for good placements and real-world exposure.
5. To encourage, involve and support students for environmental and social wellbeing.

Faculty Profile

Faculty Name	Designation
Prof. (Dr.) Vibha D Patel	Professor
Prof. (Dr.) Chirag A Patel	Associate Professor
Prof. Shailesh J Molia	Associate Professor
Prof. (Dr.) Shailesh D Panchal	Associate Professor
Prof. Dhaval J Varia	Assistant Professor
Prof. Anoop P Patel	Assistant Professor
Prof. Nikunj C Gamit	Assistant Professor
Prof. Jashvant R Dave	Assistant Professor
Prof. Naimisha S Trivedi	Assistant Professor
Prof. Jignesh H Vania	Assistant Professor
Prof. Chetna G Chand	Assistant Professor
Prof. Dipak C Patel	Assistant Professor
Prof. Tushar R Parmar	Assistant Professor
Prof. Usha D Yogi	Assistant Professor

Department Profile

Name of the Department	Information Technology
Course	Bachlor of Engineering
Year of Starting	1999
1st Year Approval by Council	1999 742-1-5(GUJ)/EI/99, 6/7/99
Year Wise Secnctioned Intake	60
NBA Accreditation Details	2019-2022(File number: 20-43-2010-NBA:DT 20/12/2019)
Approved by AICTE, New Delhi	vide File no.Central/1-4259712159 /2019/EOA dated 10.04.2019
Affiliated to Gujarat Technological University,Ahmedabad	vide File no. GTU/Ins_Affi/017 /2019-20 dated 19.07.2019

Department Best Practices

1. Outcome based learning, Continuous mentoring and evaluation of student projects.
2. Organize seminars, workshops, expert sessions in cutting edge technology like IOT, Data Analytics, Big data,Machine learning.
3. Arrange expert sessions for all round development of students to make them industry ready.
4. Collaboration with industries in projects.
5. Conduct remedial sessions for weak students.
6. Faculties work on funded research projects to engage students in research related activities.
7. Pedagogy sessions on recent technology by faculties.
8. On the Virtual Lab platform by IITB, a total of 9 VLab workshops on Software Engineering, Computer Programming in C and Data Structures were conducted wherein 232 students and 12 faculty members of the IT department participated during the year 2020.

Program Educational Objectives (PEOs)

1. The graduate will be a competent professional with high-level technical proficiency in the field of Information Technology to identify problems and develop innovative solutions to meet the industrial needs.

2. The graduate will exhibit professionalism, teamwork, leadership skills, and lifelong learning.

3. The graduates will ethically apply their computing knowledge and skills considering societal, economic, and environmental factors.

4. The graduate will be intellectually competent to pursue higher education and conduct research-oriented activities.

Program Specific Outcome (PSOs)

1. Demonstrate proficiency in one of the emerging Technology like Data Science, Machine Learning, and Web/-Mobile Application Development.

2. Demonstrate skills to design, develop and test software systems to provide solutions to real-world problems.

DEPARTMENTAL ACHIEVEMENTS

The Smart City Hackathon 2020

THE SMART CITY HACKATHON 2020 - RAJKOT organized by Rajkot Municipal Corporation (RMC), was hosted at Rajkot, Gujarat on 23rd and 24th February 2020. The Team "Empty Minds" (Priyal Patel, Shruti Patel, Parth Pansuriya, Dishang Patel, Nisarg Chokshi, Bhavik Parmar, Faizal Maulvi, Nikhil Koshty of 6th Semester, IT Department VGEC under the guidance of Prof. Jashvant R Dave (Assistant Professor, IT Department VGEC) worked on the problem statement "Mobile Application on Book Sharing Platform" given by Rajkot Municipal Corporation in the Hackathon. The team stood First among the 163 teams and won the Prize money of Rs.30000/- at the Hackathon.

The team has developed a mobile application for providing a Digital medium to share books between Book owners and the Book readers. Some of the Key Features of the application are Rewarding Point mechanism, Wish-list facility and personalized User Experience. With the help of this mobile application, Reading awareness and importance of books in real-life can be spread amongst the youth.Book Request and transactions can be managed and mapped as per the Book Reader and Book Owner.

The message from the team is – "DO WHAT YOU CAN'T! Because, nothing ever becomes real until it is experienced."

Orientation 2020

The goal of engineering education is to train engineering graduates to excel in all domains of life so that they can overcome any situation efficiently. Alongside academic curriculums, Orientation 2020 focuses on overall development of first year students. It focuses on inculcating the right attitude with the required aptitude.

The aim of this two week long program from 19th October, 2020 to 28th October, 2020 was to nurture the students with regard to physical activities and creative arts. About 10 different activities were conducted during this tenure. Along with the activities there was a session for expert talk, in which students were briefed about the technical realm and were shown paths along which they can move ahead and lead themselves towards a bright future. Eminent speakers like Shri Rachit Oza and Shri Surendra Pathak were also invited for talk on Proficiency Modules and Universal Human Values. The entire Orientation Program was held Online through Microsoft Teams.

The intention of this programme was to make the students comfortable with the atmosphere of the college, seniors, faculty members and with each other. Along with physical activities and creative arts, they were shown a glimpse of the future IT industry. The idea was to make them ready for various situations in life where only technical expertise is not enough. This was an attempt to enhance in them the right attitude, moral values and ethical principles.

The 2-week programme served to a great extent to enhance the human values within them. It also served as a platform for the new comers as well as the senior students to build their soft skills and managerial skills.

DEPARTMENTAL ACTIVITIES
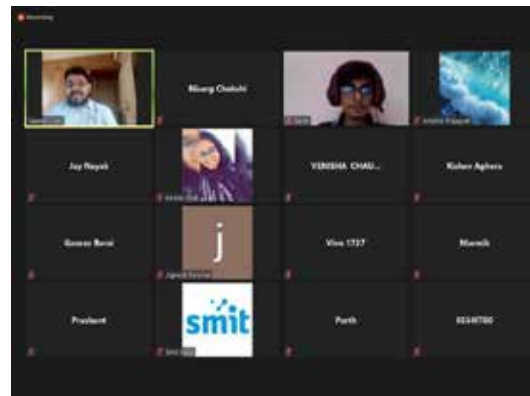
Workshop on "Communication and Body Language"

The Department organized a workshop on "Communication and Body Language" by Mr. Suzeal Shah, GATE academy on 12th February, 2020 in J Block, Auditorium, VGEC. The objective of the workshop was to improve communication skill, to Impart basic knowledge of proper and correct body language to the students, guiding students towards successful and complete communication.

Workshop on "Web Development based on Maven, Hibernate and Spring MV Architecture"

Information Technology Department, VGEC conduced a webinar on "Web Development based on Maven, Hibernate and Spring MVC Architecture" by Mr. Bhavan Patel, Assistant System Engineer, TCS on 07th June, 2020, 02:00 P.M. to 4:00 P.M for 6th Semester Students. An objective was to enhance J2EE - JAVA web development and make students aware with the latest frameworks in the field of JAVA Web development.

Webinar on "How Careers will shape up due to Covid-19 Pandemic"

Information Technology department, VGEC conducted a webinar on "How Careers will shape up due to Covid-19 Pandemic" by Mr. Sazeal Shah, Director & Center head, Endeavor Careers, Gandhinagar, Gujarat on 15th June, 2020, 03:00 P.M. to 5:00 P.M. The objective of webinar was to make students aware about the changes in the career prospects like MBA in India/abroad, UPSC, M. Tech. /M.E., MS and more. The pandemic has changed the world upside down in terms of the online learning and use of technology. Students were shared detailed aspects of the changes that occurred in IT field due to the current scenario.
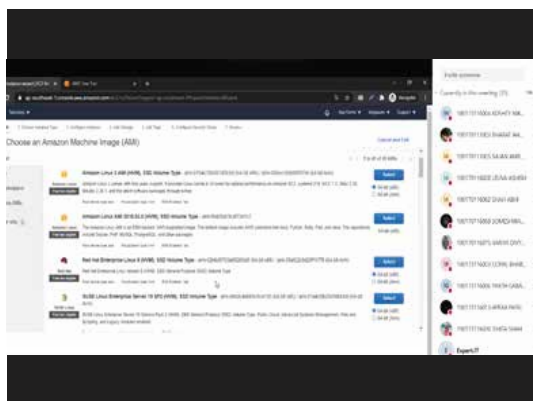
Webinar on "How to face Technical Interview"

The Department also conducted a webinar on "How to face technical interview" by Mr. Smit Ghelani, Endeavor Careers, Gandhinagar, Gujarat on 18th June 2020, 03:00 P.M. to 5:00 P.M for final and pre final year students. The objective of webinar was to make students aware about all the aspects related to technical interview. The Speaker discussed various topics like create a check list for preparing for technical interview, how to dress for the interview, Types of question asked in technical interviews, other aspects of technical interviews.
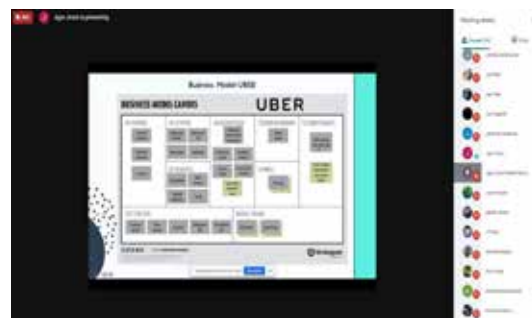
Alumni Interaction-Placement Perspective

The Department of Information Technology had organized a Placement Perspective webinar series with Alumni – IT. The first session was held by Ms Digdhikunvarba Chavda , Meditab Software India Pvt Ltd on 27th August, 2020. The 2nd Webinar was conducted by Mr Vatsal Mewada, Baccancy Technology on 29th August, 2020. And 3rd Webinar was conducted by Ms Hetal Shah, Tatvasoft Pvt Ltd. On 29th August, 2020. Approximately 45 students of final semester attended the webinar series. The objective of webinar series was to prepare students regarding placement and giving guidance regarding work culture in various industry. Students got the tips and tricks to crack the placement in different companies.

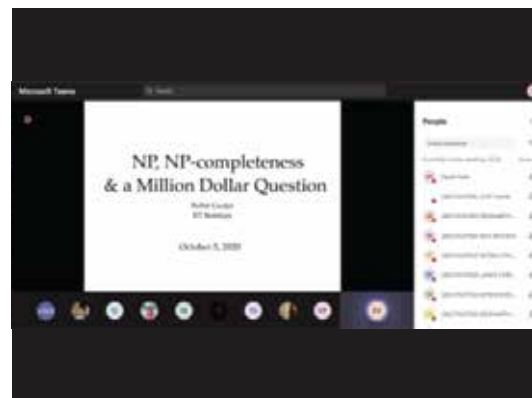## Webinar on "Getting Started with DevOps Engineer as a Career"

The Department had organized a Webinar on "Getting Started with DevOps Engineer as a Career" for final and pre-final year students on 3rd October, 2020 via Microsoft Teams (online). The session was conducted by Ms. Ishita Shah, Ex DevOps Engineer at Openxcell, VGEC IT Passout (2018). Around 65 students attend the said webinar. This webinar was intended to provide with knowledge about how to implement DevOps patterns that combines development, testing, and operations and includes continuous integration, automated testing, continuous delivery, and rapid deployment. Students learned about how DevOps engineers can exploit real-time data into the performance of their systems to quickly understand the impact of application changes. Students learn benefits of building a career as a DevOps engineers will bring fast & frequent delivery of products, reliability, and scale with minimum risks, security, continuous Integration, Continuous Delivery, Reduced time-to-recovery & reduced bottlenecks for the Products.

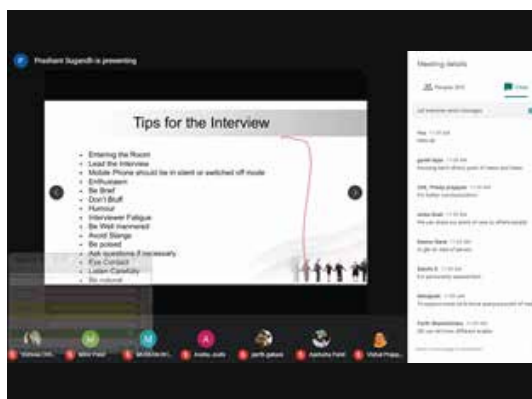## Webinar on "Entrepreneurship : Developing the opportunity"

The Department of Information Technology with SSIP-IT-Cell had organized a Webinar on Entrepreneurship-Developing the opportunity- by Mr. Jigar Jiwani, Manager – Programs at NDBI, NID Ahmedabad on 5th September, 2020 11:00 am on google meet platform. The objective of the webinar was to familiarize students with the terms like entrepreneurship, innovation -startup, study the existing problems across globe, consider these as opportunities, understand how to build an idea into a reality by concrete systematic steps, understand the importance of tech in business in today's market. Approximately 93 students attended this webinar. Expert had mentioned the key origin incidents of few very famous startups likes Levi's , KFC , Flipkart , OLA, UBER and their workplace and vision which suffice the needs of future generations.

Webinar on "NP-NP Hardness"

Information Technology Department, VGEC had organized a Webinar on "NP-NP hardness" on 5th October, 2020 via Microsoft Teams (online). The session was conducted by Prof. Rohit Gurjar, CSE Dept., IIT Bombay. Around 150 students attend the said webinar. The objective of webinar was to enhance knowledge of the students in the field of Algorithm subject from subject expert. An objective was to give exposure to the students from expert from premier institute like IIT. Students had gained knowledge in the field of NP theory. They have learnt the difference between class P and class NP problems. Students can solve problem related to NP complete easily.

Webinar on "Personality Development"

Resourse Persons

Prof Vibha D. Patel
Delivered an expert talk on **"Roadmap to NBA"** at Shankarsinh Vaghela Bapu Institute of Technology on 28th January, 2020.

Prof Jasvant R. Dave
Delivered an expert talk on **"Web Development using .Net"** at Gandhinagar Institute of Technology on 12th February, 2020.

Prof Dipak C Patel
Worked as reviewer (Scopus journal) in Journal of Evolutionary Intelligence techniques for Humanized in October, 2020.

Prof Vibha D Patel
Delivered an expert talk on **"Support Vector Machine"** at Devang Patel Institute of Advance Technology and Research (DEPSTAR), a constituent of Charotar University of Science and Technology (CHARUSAT) on 23th October, 2020.

Prof Jashvant R Dave
Delivered an expert session on **"Python and ML libraries"** in GUJCOST sponsored National Level STTP on Machine Learning" at Ahmedabad Institute of Technology on 3rd November, 2020.

The Department had organized an Expert Session on "Personality Development" for final and pre-final year students on 24th December, 2020. The session was conducted by Mr. Prashant Sugandh, ICE GATE Institute, Ahmedabad, Gujarat. Around 55 students attend the said session. The objective of the session was to make student aware about the Personality Development aspects and the purpose of GD and PI conducted by the companies during the time of recruitment. It also aimed to brief them about how to prepare for GD and PI. Students gained very good briefing on the said areas and how to prepare themselves for such occasions in future. Feedback from the students was indicating satisfaction in terms of motivation and direction towards their preparations for the placements and other career aspects. It also touched upon the communication aspect with respect to personality development.

Prof Nikunj C Gamit
Delivered an expert session on **"Image Processing for Machine Learning"** in GUJCOST sponsored National Level STTP on Machine Learning" at Ahmedabad Institute of Technology on 6th November, 2020.

Faculty Research and Publication

Prof Vibha D. Patel
"A Comparative Study of Early Detection of Parkinson's Disease Using various Machine Learning Techniques" at The 4th International Conference on Trends in Electronics and Informatics (ICOEI), Tirunelveli, India, pp. 509-516. - June, 2020.

"A Comparative Study of Early Detection of Alzheimer's Disease using various Machine Learning Techniques" at The 4th International Conference on Trends in Electronics and Informatics (ICOEI), Tirunelveli, India, pp. 522-526. - June, 2020.

Published a paper on **"Significance of the Transition to Biometric Template Protection: Explore the Future"** in International Journal of Image and Graphics, ISSN(print) 0219-4678, (Online) 1793-6756.

"Crop Yield Estimation using Machine Learning" at The 2nd International Conference on Soft Computing and its Engineering Applications (icSoftComp2020) - December, 2020.

FACULTY PARTICIPATION

Prof Dipak C Patel
Attended FDP on "Problem Solving through Programming in C" from January 2020 to April 2020.

Prof Jashvant R Dave, Prof Nikunj C Gami,
Prof Naimisha S Trivedi
Attended NPTEL Online FDP on Programming in Java (noc20-cs08) organized by IIT, Mumbai from January 2020 to April 2020

Prof Jashvant R Dave, Prof Nikunj C Gamit
Attended "Smart Gujarat For New India Hackathon 2020" as a Jury Expert, CHARUSAT, CHANGA from 22nd February, 2020 to 28th February, 2020

Prof J. H. Vania, Prof Nikunj C Gamit
Prof Jashvant R Dave
Elected as a Jury Expert for Smart Gujarat For New India Hackathon 2020 organized at CHARUSAT, CHANGA from 27th February 2020 to 28th February 2020.

Prof J. H. Vania
Attended International Tech Conclave, IEEE organized by BCM Engineering College from 26th April 2020 to 30th April 2020.

Prof J. H. Vania, Prof. Naimisha S Trivedi
Prof Nikunj C Gamit, Prof Jashvant R Dave
Attended Webinar on "Literature Review" under Webinar Series Academic Writing organized by U & P U. Patel Department of Computer Engineering, CSPIT, CHARUSAT on 11th May 2020.

Prof J. H. Vania, Prof Naimisha S Trivedi
Prof Nikunj C Gamit, Prof Jashvant R Dave
Attended Webinar on "Research Paper Writing" under Webinar Series Academic Writing organized by U & P U. Patel Department of Computer Engineering, CSPIT, CHARUSAT on 11th May 2020.

Prof J. H. Vania
Attended AICTE Training And Learning (ATAL) Academy Online FDP on "Artificial Intelligence" organized by University of Kerala from 3th June 2020 to 6th June 2020.

Attended Online FDP on IP - 1 organized by NITTTER, Bhopal from 15th June 2020 to 26th June 2020.

Attended Webinar on NBA Accreditation organized by IQAC, GTU on 11th June 2020.

Prof Dipak C Patel
Prof Naimisha S Trivedi
Attended FDP on "Induction Programme Phase -1" NITTTR, Bhopal(Online) from 8th June 2020 to 19th June 2020.

Prof Naimisha S Trivedi, Prof Nikunj C Gamit
Prof Jashvant R Dave
Attended FDP on Technical Document Preparation using LATEX organized by Dr. S. & S. S. Ghandhy Government Engineering College, Surat from 8th June 2020 to 13th June 2020

Prof Vibha D Patel, Prof Chirag C Patel
Prof Shailesh J Molia, Prof Dhaval J Varia
Prof J H Vania, Prof Jashvant R Dave,
Prof Nikunj C Gamit, Prof Naimisha S Trivedi,
Prof Dipak C Patel, Prof Chetna Chand
Attended Online FDP on Comprehensive Online Intellectual Property Rights (IPR) conducted by I-Hub, DTE from 6th July 2020 to 14th September 2020.

Prof Vibha D Patel, Prof Chirag C Patel
Prof Shailesh J Molia, Prof Dhaval J Varia
Prof J. H. Vaniya, Prof Jashvant R Dave,
Prof Nikunj C Gamit, Prof Naimisha S Trivedi,
Prof Dipak C Patel, Prof Chetna Chand
Attended Online FDP on UDAYAM (Unlimited Digital Advanced Yearlong Academic
Method of Learning) conducted by KCG, DTU from 28th July 2020 to 18th August 2020.

Prof J H Vania
Attended Online FDP on Blockchain Technology: Challenges and Opportunities organized by GTU PG School from 31th August 2020 to 4th September 2020.

Attended AICTE Training And Learning (ATAL) Academy Online FDP on Blockchain organized by Birla Institute of Technology Mesra from 7th September 2020 to 11th September 2020.

Prof Nikunj C Gamit
Attended a training on "Induction Phase-II" by NITTTR, Bhopal, DTE from 5th October, 2020 to 16th October, 2020.
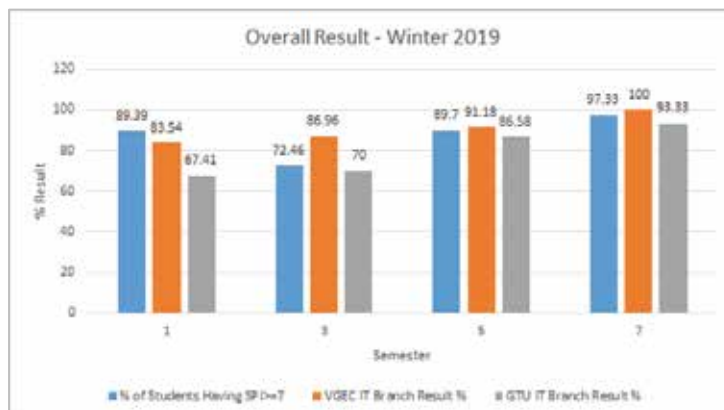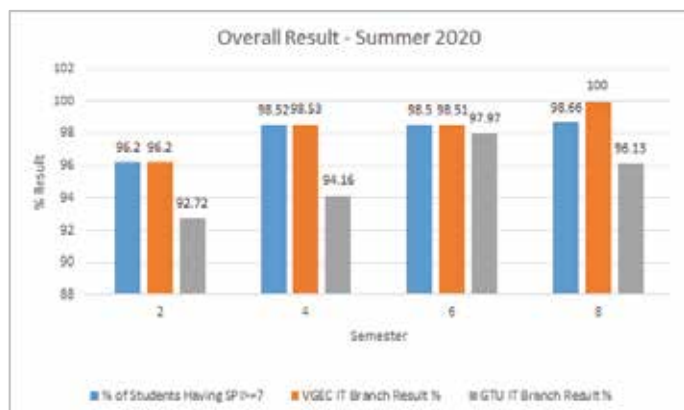
Prof Dipak C Patel
Worked as Reviewer (Scopus Journal) organized by Evolutionary Intelligence techniques for Humanized in the month of October 2020.

Prof Chetna G Chand
Attended online FDP on Nurturing Innovation and Startup Ecosystem (NISE) by i-HUB, DTE from 8th September to 24th October, 2020.

Prof Dhaval J Varia
Attended a 3 month in house Training Course on PRCN Course at NCC OFFICER TRAINING ACADEMIC, NAGPUR from 14th September to 12th December, 2020.

RESULT ANALYSIS

PLACEMENT CELL

Total Students	Placed Students	Total Offers
66	39	51

Sr. No.	Name	Company/ Institute Name	Salary
1	Aditya Apoorva	Meditab Software (India) Pvt. Ltd.	₹360,000
		Tata Consultancy Services	₹360,000
2	Ahuja Jeet Mukeshkumar	Maruti Techlabs Pvt. Ltd.	₹360,000
3	Bhanderi Jay Pradipbhai	Radixweb	₹240,000
		Tatvasoft	₹360,000
4	Chokshi Nisarg Devesh	Bacancy Technology	₹450,000
5	Chunara Nimesh Rajeshbhai	Tatvasoft	₹360,000
		Tata Consultancy Services	₹360,000
6	Dankhara Dhruvin Lalitbhai	Simform Solutions Pvt. Ltd.	₹360,000
7	Dodiya Aditya Hitesh	Tatvasoft	₹360,000
8	Ghevariya Abhishek Vijaybhai	Tatvasoft	₹360,000
9	Jasoliya Dharmikbhai Bharatbhai	Radixweb	₹240,000
		Tatvasoft	₹360,000
10	Kanodiya Bhargav Jagdishbhai	Bacancy Technology	₹350,000
11	Kanzariya Bhavik Jayantibhai	Tatvasoft	₹240,000
12	Maulvi Mohammedfaizal Gulammustufa	Bacancy Technology	₹400,000
		Tata Consultancy Services	₹712,000
13	Parmar Bhavik Pankajbhai	Bacancy Technology	₹350,000
		Tata Consultancy Services	₹360,000
14	Parmar Dhaval Nareshbhai	Bacancy Technology	₹350,000
15	Patel Dishangkumar Vikasbhai	Bacancy Technology	₹350,000
		Tata Consultancy Services	₹712,000
16	Patel Final Jagdishbhai	Tatvasoft	₹360,000
17	Patel Harshil Yogendrakumar	Tata Consultancy Services	₹360,000
18	Patel Ravi Satishkumar	Tatvasoft	₹360,000
19	Patel Smit Rajeshkumar	Bacancy Technology	₹350,000
		Tata Consultancy Services	₹360,000
20	Patel Umang Rakeshbhai	Tata Consultancy Services	₹360,000
21	Prajapati Aayushi Sadashivbhai	Bacancy Technology	₹350,000
22	Prajapati Keyur Devendrabhai	Radixweb	₹240,000
		DRC Systems India Ltd.	₹300,000
23	Rana Vrutik Bipinbhai	Iolite Softwares Pvt. Ltd.	₹360,000
24	Reddiar Harsh Ashokan	Bacancy Technology	₹350,000
25	Shah Dhruvil Birenkumar	Tatvasoft	₹360,000
26	Shah Jimit Nishitbhai	Bacancy Technology	₹350,000
27	Sherasiya Jaimeenkumar Pravinbhai	Simform Solutions Pvt. Ltd.	₹360,000
28	Shiroya Vaibhavkumar Hasmukhbhai	Tata Consultancy Services	₹360,000
		Simform Solutions Pvt. Ltd.	₹360,000
29	Solanki Sagar Prabhudas	Tatvasoft	₹360,000
30	Vaghela Aditi Hiteshbhai	Tatvasoft	₹360,000
		Tata Consultancy Services	₹360,000
31	Zanje Juhi Arvindbhai	Bacancy Technology	₹400,000
		Tata Consultancy Services	₹360,000
32	Bhadoria Rakhee Santoshsingh	Commerce Pundit	₹360,000
33	Koshty Nikhil Kamalkumar	Bacancy Technology	₹350,000
34	Makwana Priyaben Jagdishbhai	WebOccult Technologies	₹240,000
35	Panwala Prem Manojkumar	Bacancy Technology	₹350,000
36	Patel Anjani Girishbhai	Arsenal Tech Pvt. Ltd	₹300,000
37	Patel Dharakumari Pravinbhai	SodaInMind	₹300,000
38	Patil Aartiben Hiraman	Commerce Pundit	₹360,000
39	Sharma Jyoti Rajeshbhai	Bacancy Technology	₹350,000

STUDENT ACHIEVEMENTS

Name of Student	Brief Description of Achievement	Name and Address of Awarding Agency	Month and Year of Award
Nikhil Koshty, Bhavik Parmar, Parth Pansuriya, Faizal Maulvi, Dishang Patel, Nisarg Chokshi, Priyal Patel, Shruti Patel	Secured First Position in Smart City Hackathon 2020 for Rajkot Municpal Corporation for developing A Mobile Sharing Application.	Smart City Hackathon 2020 Rajkot	24th January, 2020
Nikhil Koshty, Bhavik Parmar, Parth Pansuriya, Faizal Maulvi, Dishang Patel, Nisarg Chokshi, Priyal Patel, Shruti Patel	Selected for the Grand Finale of Smart Gujarat Hackathon 2020 - Software Edition in Ahmedabad Zone for developing a Project Management System held in LJ Engineering College.	Smart Gujarat Hackathon 2020	28th February, 2020
Rathod Bhavesh, Aditya Apoorva, Chunara Nimesh, Prajapati Pragnesh, Chaudhari Artim, Shah Jimit, Rana Vrutik, Patel Rutvik	Selected for the Grand Finale of Smart Gujarat Hackathon 2020 - Android Application development for " Solution for Home Renovation" using Augmented Reality held in LJ Engineering College	Smart Gujarat Hackathon 2020	28th February, 2020
Fenil Parmar	Secured 2571 Rank in Google Kickstart Coding Competition across the globe.	Google Coding Competition	19th April, 2020
Shail Raval, Rahil Balar	Published a paper on "A Comparative Study of Early Detection of Parkinson's Disease using Machine Learning Techniques"	International Conference on Trends in Electronics and Informatics	June, 2020
Aakash Shah, Dhruvi Lalakiya, Shekha Desai, Shreya	Published a paper on " A Comparative Study of Early detection of Alzheimer's Disease using Machine Learning Techniques:"	International Conference on Trends in Electronics and Informatics	June, 2020
Parth Pansuriya, Dishang Patel, Nisarg Chokshi	Published an Article in the International Journal of Advanced Science and Technology on the topic of "Human Activity Recognition with Event-based Dynamic Vision Sensor using Deep Recurrent Neural Network" in International Journal of Advanced Science and Technology (IJAST) Vol. 29 No. 04 (2020): Vol 29 No. 4 (2020)	International Journal of Advanced Science and Technology	22nd September, 2020

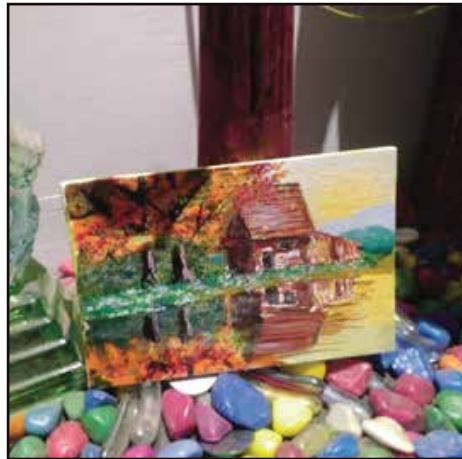| Name of Student	Brief Description of Achievement	Name and Address of Awarding Agency	Month and Year of Award
Sardar Ravina Bhagat Muskan Patel Apexa, Manna Priyanka	1st position in Aatmanirbhar Bharat Hackathon-2020 for Project Virtual Police Station (VPS) in AATMANIR- BHAR BHARAT HACK- ATHON-2020	Aatmanirbhar Bharat Hackathon-2020	10th July, 2020
Bhavik Parmar, Faizal Maulvi, Nikhil Koshty	Selected for the Grand Finale of COVID-19 Hack- athon for developing a Disaster Risk Management (DRM) application for all 36 parts (State + UT) of India including 28 modules, stating COVID-19 as prob- lem statement.	COVID-19 Hackathon	September, 2020
Kaushik Jadav, Rohan Shah, Dhrumil Bhavsar, Nishant Desai	Won Early Stage Student Start-up Award for year 2020-21 in SSIP, Education Department, Government of Gujarat.	SSIP, Education Department Government of Gujarat	18th December, 2020

CREATIVE CORNER

Apexa Patel | 6th Sem

Rajvee Shah | 4th Sem

Gaurav Barai | 6th Sem

Shruti Jagtap | 4th Sem

Shruti Jagtap | 4th Sem

Rajve Shah | 4th Sem

Priyanka Manna | 6th Sem

Nidhi Mistry | 4th Sem

VISHWAKARMA GOVERNMENT ENGINEERING COLLEGE

DEPARTMENT OF INFORMATION TECHNOLOGY

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