



# VISHWAKARMA GOVERNMENT ENGINEERING COLLEGE

Newsletter | January - June 2020

VGECNews



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# COLLEGE ACTIVITIES

## Plethora of Activities- VGEC-NSS

### MANJA

Used threads were collected by the NSS volunteers to prevent injury to the birds. "Animals are like the natural pillars of the earth, it is our duty to preserve them," says Dr. N. N. Bhupatani. NSS's Program officer Dr. Alpesh Dafada took the initiative, saying that "During this festival, people should voluntarily refrain from using Chinese thread." More than 50 kg of useless threads were collected and disposed of properly by the NSS unit from 14<sup>th</sup> January, 2020 to 17<sup>th</sup> January, 2020.



### Blood Donation Camp at Rajbhavan

"Blood donation is the real act of humanity." Making this sentence worthwhile blood donation camp was organized on the occasion of the birthday of honourable Governor of Gujarat Shree Acharya Devvrat on 18<sup>th</sup> January, 2020. It was jointly organized by GMERS General Hospital of Gandhinagar and Civil Hospital, Indian Red Cross Society of Ahmadabad. **Around 250 donors donated their blood and contributed to this noble cause.** The camp was inaugurated by honourable governor. NSS volunteers of Vishwakarma Government Engineering College also gave their contribution.



### Live screening of PARIXA PE CHARCHA

Pariksha Pe Charcha 2020 is the movement started by our honourable Prime Minister Shree Narendra Modi to inspire children to do things that bring out inner potential. Live screening of the session was organized on 20<sup>th</sup> January, 2020 by NSS VGEC for students of VGEC.



### Republic Day Celebration

71<sup>st</sup> Republic Day was celebrated at GTU on 26<sup>th</sup> of January. On an auspicious occasion of member of parliament Shri Kirit Solanki was the chief guest. The program was enlightened by the presence of vice-chancellor of GTU Dr. Navin Sheth, Principal of Vishwakarma Government Engineering College Dr. N. N. Bhuptani and GTU's Registrar K. N. Kher. In this celebration different types of patriotic arts were performed to enhance the patriotism.



### Awareness programme for Covid-19

NSS VGEC has organized poster making competition to spread awareness of Corona Virus via social media platforms. A competition was held from 20<sup>th</sup> April, 2020 to 27<sup>th</sup> April, 2020 named 'Sparkling Star'. More than **400 students** participated in this event. A website for spreading awareness related to Corona Virus was created by NSS VGEC. The website gives valuable content regarding the corona virus and its effects on people's social and cultural lives.

Link:

<https://nss-vgec-coronafighters.herokuapp.com/>

### Woman Development Cell

Woman Development Cell (WDC) has organized an expert talk on 'Women in Politics and Sports' on 27<sup>th</sup> February, 2020. Mrs. Shraddha Zaa (A Social Activist, Motivational Speaker and Young leader in BJP Gujarat) and Ms. Sonal Vasoya (An exceptional Para sports woman and motivational speaker) were invited as the experts. **Total 120 students and 17 faculties have participated in this event.**





# DEPARTMENTAL LEVEL CO-CURRICULAR ACTIVITIES

## CHEMICAL ENGINEERING DEPARTMENT

A Technical Training on **'Plant and Process Utilities'** was organized for both UG and PG Chemical Engineering students under the banner of the Institution of Engineers – India (IEI) from January to March 2020. This training program was coordinate by Dr. P. D. Shah. Around **61 students** participated in this training.

An expert talk on **'Quantitative Ability, Logical Reasoning and Verbal Ability'** by Mr. Rohan Garg was organized on 2<sup>nd</sup> January, 2020.

**Awareness Session on GATE examination** by Mr. Prashant Sugadh (I.C.E. GATE Institute, Ahmedabad) was organized for BE 2<sup>nd</sup> year and 3<sup>rd</sup> year students on 6<sup>th</sup> January, 2020.

An expert talk on **'Pollution Control in Chemical Industries'** by Mr. Manoj Jain (Managing Director, Excel Enviro Tech, Ahmedabad) was organised on 26<sup>th</sup> January 2020.

Mr. Prashant Sugadh from I.C.E. GATE Institute, Ahmedabad delivered a talk on **'Verbal Ability'** on 18<sup>th</sup> February, 2020.

An alumni webinar **'Webinar Digital Platform'** by Mr. Kuldeep Bhalodiya (2017 Passout Batch-GNFC Bharuch, Product Development Division, Tolune di-isocynate unit) was organized by Prof. Milap Nayak on 10<sup>th</sup> May, 2020.

A webinar on **'Preparation for campus placement and enhancing your employability'** by Prof. Williams Koshy was organized by Prof. Z. Z. Painter, Prof Milap Nayak and Prof. Jay Trivedi on 13<sup>th</sup> May, 2020 & 14<sup>th</sup> May, 2020.

A webinar on **'General Safety Managment'** by Shri. Yashpalsinh Ghaman, Director - HSE Risk ManagemantPvt. Ltd. was organized by Dr. N. M. Patel on 28<sup>th</sup> May, 2020.

A webinar on **'Process Safety for Chemical Engineers'** by Shri. Yashpalsinh Ghaman, Director-HSE Risk Management Pvt. Ltd. was organized on 30<sup>th</sup> May, 2020.

An alumni webinar on **'Understanding of FTIR Technique'** by Jash Ukani (2018 Passout Batch) was organized on 16<sup>th</sup> June, 2020. Around **40 students** attended this webinar.

A webinar on **'Bringing Industry to Classroom - Industrial Approach: Selection and Troubleshooting in Shell and Tube Heat Exchanger Applications'** by Shri Manish V. Shah (UK Fellow Charter Engineer, Manager Process Design Consultant) was organized by Dr. P. D. Shah on 19<sup>th</sup> June, 2020.

## CIVIL ENGINEERING DEPARTMENT

The **'Auto CAD Workshop'** for BE 1<sup>st</sup> year students was organized during 20<sup>th</sup> - 24<sup>th</sup> January, 2020. Expert of the workshop was Mr. Deepak Singal, Business Head of CADD Center, Ahmedabad.



3 days workshop on **'Auto CAD'** for 2<sup>nd</sup> year students was organized from 30<sup>th</sup> January, 2020 to 1<sup>st</sup> February 2020.



The **'STAAD Pro'** software workshop for final year students during was organized during 29<sup>th</sup> - 31<sup>st</sup> January, 2020.



An expert lecture by Mr. Yash Majeethia, Senior Consultant at UK based MNC, Mott MacDonald Pvt Ltd was organized on 29<sup>th</sup> February 2020.



3 days workshop on **'Revit Software'** was organized for 3<sup>rd</sup> year students from 5<sup>th</sup> to 7<sup>th</sup> March, 2020.



A webinar on **'Solid Waste Management - Pre and Post Covid'** by the speaker Ms. Shruti Dalal (Project Planner, Facile Maven Pvt. Ltd, Surat, Gujarat) was hosted by Prof. K. M. Parmar and Prof. G. D. Jagad on 28<sup>th</sup> May, 2020

A webinar on **"Environmental Impact of Cement and Potential Viable Solutions"** by the speaker Dr. Vineet Shah, Postdoctoral Fellow, University of Canterbury, New Zealand was hosted by Prof. K. M. Parmar & Prof. G. D. Jagad on 29<sup>th</sup> May, 2020.

A webinar on **"Understanding Cement Test Reports"** by the speaker Mr. Pavan Sethi, Zonal Head, J. K. White Cement was hosted by Prof. D. R. Rawat and Prof. B. C. Contractor on 8<sup>th</sup> June, 2020.

Civil Engineering Department & SSIP E-Cell has organized a webinar on **'Recent Opportunities for start-up and digital technology of construction industry in Atma Nirbhar Bharat Abhiyan'** by the speaker Mr. Akul Pandya, Consulting Civil Engineer, hosted by Prof. M. V. Chauhan and Prof. B. C. Contractor on 20<sup>th</sup> June, 2020.

Civil Engineering Department and SSIP E-Cell was organized a webinar on **'Design Thinking to Product Development'** by the speaker Mr. Dhruvin Patel, Director-HOF Furniture Systems Pvt. Ltd, hosted by Prof. M. V. Chauhan, Prof. B. G. Buddhdev and Prof. B. C. Contractor on 24<sup>th</sup> June, 2020.

## COMPUTER ENGINEERING DEPARTMENT

On 20<sup>th</sup> January, 2020 Computer Engineering department organized an expert talk on **'Getting an Internship/ a full-time Job(focus: MS in CS/CE/SE)'**. An expert talk was delivered by Mr. Kashyap J. Patel (Alumni and former VAA Website leader). Students learned about types of interviews, the interview process and the coding part of the interview. Total 125 students have taken part in this event.



A webinar on **'Cybersecurity: Challenges and Solutions'** by Mr. Harish Chib, Vice President - Sales, Sophos was organized on 29<sup>th</sup> May, 2020.

A webinar on **'A journey from Idea to Product'** by Mr. Nikhil Suthar, VGEC Alumni and GTU Innovation Council Vadodara Regional Centre Coordinator as organized on 17<sup>th</sup> June, 2020.

## ELECTRICAL ENGINEERING DEPARTMENT

Electrical Engineering Department organized an expert talk on **'How to crack UPSC'** on 24<sup>th</sup> January, 2020. The talk was delivered by Mr. Manish Kumar who is co-founder of ELECOMM INSTITUTE.



Electrical Engineering Department, in association with VAA, organized an expert talk on **'SSB and Career in defense after engineering'** on 15<sup>th</sup> February, 2020. The talk was delivered by Mr. Ravi Bajia who is 2003 Batch passed out from VGEC Chandkheda, Electrical Engineering and currently, he is wing commander in Indian airforce.



A webinar on **"Information and application of GIS (Geographical Information System) in Electrical Power System"** conducted by Mr. Jignesh Borisagar, R&D engineer at UGVCL on 4<sup>th</sup> June, 2020.

A webinar on **'Nurturing Mental Strength for Successful Student Startup'** conducted by Dr. Geetika Saluja, Educationalist and entrepreneur, and also director of Cassa group of companies on 6<sup>th</sup> June, 2020.

A webinar on **'Power Electronics for Renewable Energy Sources'** conducted by Dr. Mamisha T Shah, Assistant Professor, Electrical Engineering, Nirma University on 6<sup>th</sup> June, 2020.

A webinar on **'BUILDINGS - TO - GRID (B2G) integration for smart grids'** conducted by DR. V.S.K.V. Harish, Assistant Professor, Electrical Department, PDPU, Gandhinagar on 9<sup>th</sup> June, 2020.

A webinar on **'Latest Battery Technology and Battery Management Systems in EVS'** conducted by Prof. (Dr.) Pritesh Mankad, HoD, Professor, Electrical Engineering Department, BITS Edu Campus, Vadodara on 12<sup>th</sup> June, 2020.

A webinar on the **'Electrical Traction System in Indian railway - A global scenario'** conducted by Mr. Chirag Chauhan, Sr. Engineer, HOWE engineering on 13<sup>th</sup> June, 2020.

A webinar on **'Dealing with Challenging, Disruptive and Uncertain times'** conducted by Mr. Mayur Shah, Project Manager, ABB India Limited on 17<sup>th</sup> June, 2020.

## ELECTRONICS & COMMUNICATION DEPARTMENT

In collaboration with ICE GATE Institute, Electronics and Communication Department organized an expert talk **"Carrier in EC"** held on 7<sup>th</sup> January, 2020 for the students who want to appear in the GATE exam.



A webinar on **"Wireless Sensor Network Research Possibilities"** organized by Electronics and Communication Department on 29<sup>th</sup> May, 2020.

A webinar on **"Career in VLSI/ Chip Designing Options and Opportunities"** organized by Electronics and Communication Department on 25<sup>th</sup> June, 2020.



## INFORMATION TECHNOLOGY DEPARTMENT

Information Technology Department organized a workshop on **'Communication and Body Language'** by Mr. Suzeal Shah, GATE academy on 12<sup>th</sup> February, 2020. The objective of the workshop was to improve communication skills, to impart basic knowledge of proper and correct body language to the students.



A webinar on **'Web Development based on Maven, Hibernate and Spring MVC Architecture'** conducted by Mr. Bhavan Patel, Assistant System Engineer, TCS on 7<sup>th</sup> June, 2020, at the IT department.

A webinar on **'How Careers will shape up due to Covid-19 Pandemic'** conducted by Mr. Sazeal Shah, Director & Center head, Endeavor Careers, Gandhinagar, Gujarat on 15<sup>th</sup> June, 2020 at Information Technology Department.

A webinar on **'How to face technical interview'** Conducted by Mr. Smit Ghelani, Endeavor Careers, Gandhinagar, on 18<sup>th</sup> June, 2020 at the IT department.

## INSTRUMENTATION & CONTROL ENGINEERING DEPARTMENT

An expert talk on **'Cracking UPSC civil services exam-an electrical engineer's perspective'** was organized by I&C Engineering department on 23<sup>rd</sup> January, 2020.



Instrumentation and Control Engineering Department organized an expert talk on **'Preparing gate exams and future beyond'** on 11<sup>th</sup> February, 2020. IC department's alumni Mr. Yogesh Suman who is pursuing MTech at IIT Madras was invited as an expert.



A webinar on **'Electro pneumatic system for Automation'** was organized on 28<sup>th</sup> April, 2020.

A webinar on career opportunities after engineering was organized on 29<sup>th</sup> April, 2020. The speaker was Mr. Rohan Garg, the alumnus of IIM-Calcutta and the CEO and founder of ICE gate academy.

A webinar on **'Artificial Intelligence in Control Engineering'** was organized on 30<sup>th</sup> April, 2020.

## MECHANICAL ENGINEERING DEPARTMENT

A Seminar on **"3D printing technology : A technology of future"** by USI3DT, USA was arranged on 18<sup>th</sup> February, 2020. This seminar has helped to sensitize the students and faculties in the field of the recent development in 3D printing technology. **60 students of semester 6** were benefited by this awareness program.

A webinar on **'Revolution in Industries after covid-19 and How design Technology help Engineers in Professional life'** organized by Mechanical Department & Khodiyar CAD Center on 11<sup>th</sup> June 2020. **Total 73 students of Semester 7** participated in Webinar.



# INDUSTRIAL VISITS

Civil Engineering Department organized a site visit of **Kadana dam** and **Wanakbori** for 8<sup>th</sup> sem students on 20<sup>th</sup> February, 2020.



Civil Engineering Department organized a site visit near **Koteshwar Mahadev temple** for Survey Project for 4<sup>th</sup> sem students on 28<sup>th</sup> and 29<sup>th</sup> February, 2020.



Electrical Engineering Department organized an industrial visit to **400 kV Soja substation** for 8<sup>th</sup> semester electrical students on 17<sup>th</sup> February, 2020.



Electronics and Communication Dept. organized a day industry visit to **elfnochips Ltd.** for the students of BE 6<sup>th</sup> semester and ME 2<sup>nd</sup> semester in 2 groups on 11<sup>th</sup> and 12<sup>th</sup> February, 2020.



Civil Engineering Department organized a site visit of **Kotarpur, Water Treatment Plant** for 6<sup>th</sup> sem students on 29<sup>th</sup> February, 2020.



Visit at **Indo German Tool Room** near CIPET, Ahmedabad was organized by Mechanical Engineering Department on 20<sup>th</sup> January, 2020.



Visit at **Sardar Patel Renewable Energy Research Institute (SPRERI)** was organized by Mechanical Engineering Department on 15<sup>th</sup> February, 2020.



Visit at **Gujarat Energy Mission Machineries**, Vatwa GIDC, Ahmedabad was organized by Mechanical Engineer Department on 15<sup>th</sup> February, 2020.





**Prof. D. R. Gandhi**

(Chemical Engineering Department)

'Exploring the potential of acid treated Bentonite clay for various catalytic application' at the international conference on advances in chemical engineering - 2020.

**Prof. S. R. Patel**

(Chemical Engineering Department)

'Kinetics study of chromium removal by electrocoagulation from industrial effluent' at the international conference on Water, Energy and Environment Sustainable 2020.

**Dr. K. R. Gurjar**

(Chemical Engineering Department)

'Metal and solvent - free multicomponent decarboxylative A3-coupling for the synthesis of propargylamines : Experimental, computational and biological investigations' at ACS publication (ISSN 2231-2241).

'Synthetic and computational studies on Culligand pair promoted activation of C(Aryl)-Cl bond in C-N coupling reactions' at Heliyon- Elsevier.

**Prof. Y. J. Morabiya**

(Chemical Engineering Department)

'Combined Impact of Ultrasound Pre-treatment and Hydrodistillation on Bioactive Compounds and GC-MS Analysis of Cinnamomum cassia Bark Extract' at Waste and biomass Valorization Springer.

**Prof. Jitendra Bhatia**

(Computer Engineering Department)

Book chapter on 'Machine Learning Based Stock Market Analysis: A Short Survey' at Springer, Lecture Notes on Data Engineering and Communication Technologies Book Series : (ISBN: 978-3-030-38040-3) and following papers.

'Machine Learning : The New Wave of Machine Learning' at the 2<sup>nd</sup> International Conference on Innovative Mechanisms for Industry Applications (ISBN: 978-1-7281-4167-1)

'Advances in Single Image Super Resolution: A Deep Learning Perspective' at International Conference on Computing, Communications, and Cyber Security (ISBN: 81-15-3369-3)

'Data Processing and Analytics in FC for HealthCare 4.0' at Fog Computing for Healthcare 4.0 Environments.

**Prof. Kajal Patel**

(Computer Engineering Department)

'Security for Internet of Things-Challenges & Solution' at Studies in Indian Place Names (UGC Care Journal), Vol. 40, Issue No. 9, Page No. 54-59, March 2020, (ISSN 2394-3114).

**Dr. P. P. Lodha**

(Civil Engineering Department)

'Climate Change Impact Assessment through Trend Analysis: A Case Study of Hathmati River, Western India' at IntConflnDACon-Feb 2020

'Assessment of Hydrological Parameters of the Watershed using ArcSWAT' at International Journal Recent Technology & Engineering, Vol. 9, Issue 1, May 2020

'SWAT Hydrological Model for Watershed Management in Watrak River Basin', 'Identifying Water Harvesting Sites in Watrak River Basin using GIS Technologies and considering Equity Measures' at Gedrag and Organisatie Review, Vol. 33, Issue 2, April - June 2020.

**Dr. D. A. Patel**

(Science and Humanities Department)

'Study of double porous layered slider bearing with various designed stator under the effects of slip and squeeze velocity using magnetic fluid lubricant' at American Journal of Applied Mathematics and Statistics. Vol 8, No. 2, 43-51, 2020

'Characteristics of Double porous layered slider bearing with parabolic pad stator using ferrofluid lubricant' at International Journal on emerging Technologies

# FACULTY PARTICIPATION

**Prof. S. R. Patel**

(Chemical Engineering Department)

participated in an international conference on 'Water, Energy and Environment Sustainable 2020' at NIT Durgapur from 13<sup>th</sup> January, 2020 to 15<sup>th</sup> January, 2020.

**Prof. Z. Z. Painter**

(Chemical Engineering Department)

participated in training on 'Futuristic Technologies in mechanical industries' at Dr.D.Y.Patil Institute of Engineering, Management and Research from 5<sup>th</sup> June, 2020 to 9<sup>th</sup> June, 2020.

**Prof. U. R. Singh**

(Civil Engineering Department)

participated in Faculty Development for Teachers of Technical Courses at IITE Gandhinagar from 17<sup>th</sup> January, 2020 to 23<sup>rd</sup> January, 2020.

**Prof. B.C. Contractor**

(Civil Engineering Department)

participated in STTP on 'Infrastructure Development: Possibilities and Challenges Ahead' at Department of Civil Engineering, New Horizon Institute of Technology and Management, Thane from 25<sup>th</sup> May, 2020 to 29<sup>th</sup> May, 2020.

**Prof. Amit Rathod**

(Computer Engineering Department)

has completed two courses titled 'The science of well being' and 'Design thinking innovation' from Yale University and the University of Virginia correspondingly through Coursera.

# RESOURCE PERSONS

**Dr. Femina Patel**

(Chemical Engineering Department)

delivered an expert talk on 'Ambient air and Stack monitoring' at Department of Chemical Engineering, Sal College of Engineering, Ahmedabad on 12<sup>th</sup> February, 2020.

**Prof. Suchen B. Thakore**

(Chemical Engineering Department)

delivered an expert talks on 'Cold & Hot utilities, Refrigeration plants" at Finishing School on 'Plant and Process Utilities' on 27<sup>th</sup> June, 2019 and on 'Trouble shooting & Design of Packed tower type Absorber' at the Department of Chemical Engineering, Sal College of Engineering, Ahmedabad 18<sup>th</sup> February, 2020.

**Prof. Jitendra Bhatia**

(Computer Engineering Department)

delivered an expert talks on 'Hands on : Software Defined Networking' at Charusat, Changa on 6<sup>th</sup> February, 2020, on 'Next Generation Networking' at Parul University on 14<sup>th</sup> March, 2020 and on 'Next Generation Networks : Software Defined Networking' at RNG Patel Institute of Technology, Bardoli on 30<sup>th</sup> June, 2020.

**Prof. Vibha D Patel**

(Information Technology Department)

delivered an expert talk on 'Roadmap to NBA' at Shankarsinh Vaghela Bapu Institute of Technology on 28<sup>th</sup> January, 2020.

**Prof. Jashvant Dave**

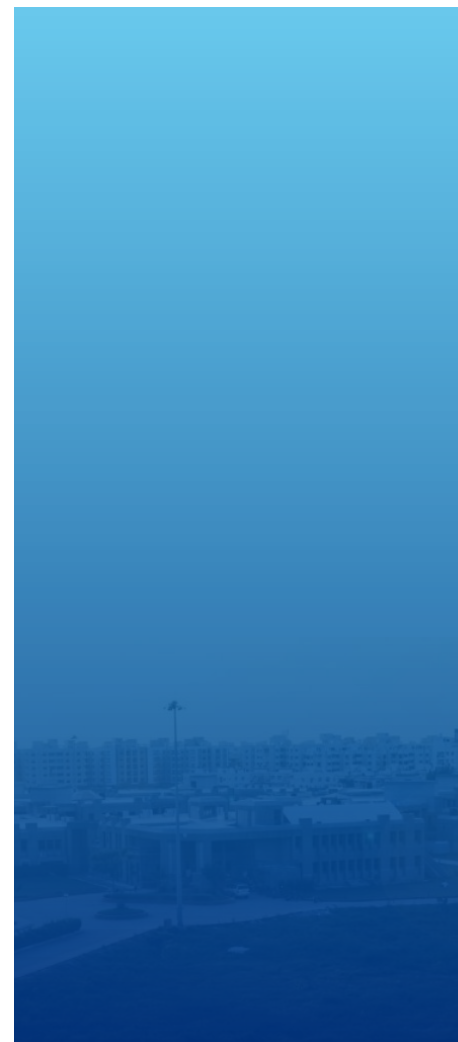
(Information Technology Department)

delivered an expert talk on 'Web Development using .Net' at Gandhinagar Institute of Technology, Moti Bhoyani on 13<sup>th</sup> February, 2020.

**Dr. Vaseem G Qureshi**

(Science and Humanities Department)

has delivered an expert lecture in a State Level Webinar on 'Stress Management : Self and Society' organized by Samarpan Arts and Commerce College, Gandhinagar on 8<sup>th</sup> June, 2020.





# FACULTY ACHIEVEMENTS

## Prof. S. B. Thakore

Chemical Engineering Department, has been appointed as a Member of Board of Studies for Chemical Engineering School of Technology, GSFC University by Vice-Chancellor, GSFC University for three years, from March 2020 to March 2023.

## Prof. Milap G. Nayak

Chemical Engineering Department, has awarded PhD. on 'Optimization of Process Parameters for the Production of Biodiesel using Non-edible Oils under Microwaves Condition' from Gujarat Technological University, in January 2020.

## Prof. Dhaval Varia

Information Technology Department received NSS Best Program Officer award.



# STUDENT ACTIVITIES

Patel Dhaval, Bootwala Kushay and Jha Samixa, students of Chemical Engineering Department won **1st prize** at the zonal level competition - '**Smart India Hackathon 2020**' organized by LJIT, Ahmedabad.



Chemical Engineering Department's student team : **Patel Kaumil, Gabani Shubham and Patel Raj** won **4th prize** in the technical event '**Chem-O- Hunt**' at national level Techfest '**Lakshya -2020**', organized by LDCE - Ahmedabad in February 2020.



**Khemka Vivek Satyendra** received **Shri Paresh Talati-GIGCEA GOLD MEDAL** for the year 2019 by The Gujarat Institute of Civil Engineers & Architects in February 2020.

**Buhecha Aakash, Kakadiya Dishant, Kakadiya Aakash, Ghorl Harshil and Chiroda Jayesh** students of Chemical Engineering Department won **1st prize** in technical event '**Chem-O-Car**' at national level Techfest '**Chemfusion-2020**' at Chemical Engineering Department, Faculty of Technology, Nirma University, Ahmedabad.



**Thakkar Dhrasti** of Chemical Engineering Department, Contributed as an organizing committee member and participated in "**Countrybution-2020**". A summer Socio-Political Internship Programme which is jointly organized by Institute of Leadership & Governance and The M. S. University of Baroda, Vadodara.

**Suthar Pradeep, Thakkar Drashti and Patel Vraj** students of Chemical Engineering Department Won **2nd Prize** in technical event '**Chem-Transfer**' at national level Techfest '**Lakshya -2020**', organized by LDCE-Ahmedabad.

Team of Civil Engineering Department : **Bharat Suthar, NidaKadri, Bhavya Shah, Bula Mubashshira, Saloni Modi and Kairav Shah** Selected for Final round of Smart Gujarat Hackathon for New India for the project "**WASTE TO WORTH-Vegetables waste as a cattle feed**" of Industry: Tata Consulting Engineer its.

**Kishan Mange** student of the Civil Engineering Department participated in a Video Documentary competition organized by GTU on the occasion of the 100th Birth Anniversary of Dr. Vikram Sarabhai in April 2020.

Jainam Sanghavi, Vaibhav Patel, Aaliya Shaikh, Anas Jamal, Dharmendra Prajapati and Kamal Soni students of the Civil Engineering Department Selected for Final round of Smart Gujarat Hackathon for New India for the project "High Strength self-compacting using marble waste in partial replacement of natural aggregate".

The **SMART CITY HACKATHON 2020 – RAJKOT** organized by Rajkot Municipal Corporation (RMC), on 23rd and 24th February, 2020. The Team : **Tirath Savasaiya, Anjali Modi, Shreena Jani, Arkesh Thakkar, Raj Sojitra, Kavan Thakar, Sagar Vaghela and Dhruvin Thakkar** of Computer Engineering Department, under the guidance of Prof. J.B.Bhatia (Assistant Professor, CE Department VGEC) worked on the project supporting Swachh Bharat initiative. The team stood 2nd among the 183 teams at the Hackathon.



Team of Computer Engineering Department : **Vishvesh Trivedi, Vinay Sheth, Vyom Shah, Pruthvi Hingu, Viraj Shah and Aashay Shah** received GTU SSIP grant for special Covid Challenge in May 2020.

**Vinay Sheth** from Computer Engineering Department Secured **2nd position** in the **National Level Computer Competency Quiz 2020**, M S Bivde Engineering College, CSECA, Latur Maharashtra in June 2020. He is also the winner of BugMania, a National level software testing competition organized by Stad Solution, Serpent Consulting Services in June 2020.

**Khushi Shah and Preet Modi** from the Computer Engineering Department, Published a chapter on Data Processing and Analytics in FC for **HealthCare 4.0** at Springer in June 2020.

**Asnani Khushbu Dipakbhai**, Electrical Engineering Department Secured 8th rank in Gujarat Technological University with 9.06 CPI in the 7th semester.

Electrical Engineering Department students : **Dabhi Nikhil, Hipal Solanki, Mahesh Prajapati, Shubham Aherwal, Nildeepsinh Jadav and Abhishek Parmar** are cadets of NCC VGEC. They were part of the Guard Of Honour given to the honourable governor of Gujarat Shri Acharya Devvrat on 11th January, 2020 in the 9th convocation of Gujarat Technological University.



**Jhankhana Joshi**, student of Electronics and Communication department **won national award** by I volunteer for her work towards society in February, 2020.



**Jhankhana Joshi and Kirtan Chhatrala** participated in **23rd National Youth Festival (NYF) 2020** at Lucknow from 12th to 16th January, 2020.



**Urvis Marvniya, Saloni Parikh and Ravi Makwana**, volunteers of NSS VGEC (Vishwakarma Government Engineering College) were felicitated with award for their **selfless service towards the society** by GTU on 29th February, 2020.



**Students Team : Rathod Bhaveshkumar, Aditya Apoorva, Chunara Nimesh, Prajapati Pragneshkumar and Chaudhari Artim** of Information Technology Department Selected for the grand finale of Smart Gujarat Hackathon 2020. Android Application development for "Solution for Home Renovation" using Augmented Reality held in L. J. Engineering College.

**Students Team : Priyal Patel, Shruti Patel, Parth Pansuriya, Dishang Patel, Nisarg Chokshi, Bhavik Parmar, Faizal Maulvi and Nikhil Koshty** of Information Technology Department Selected for the Grand Finale of Smart Gujarat Hackathon 2020 - Software Edition in Ahmedabad Zone for developing a Project Management System held in L.J. Engineering College in February, 2020.

**Joshi Palak Bhurabhai** student of the Instrumentation and Control Engineering Department participated in a national level painting competition organized by Bhararee Foundation and secured 53<sup>rd</sup> rank out of 100 selected participants.



The Team “Empty Minds” Priyal Patel, Shruti Patel, Parth Pansuriya, Dishang Patel, Nisarg Chokshi, Bhavik Parmar, Faizal Maulvi, Nikhil Koshty of 6th Semester, Information Technology Department 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 SMART CITY HACKATHON 2020. The team stood First among the 163 teams and won the Prize money of Rs.30000/- at the Hackathon.



#### AUTORANGERS RACING TEAM EVENTS

**BAJA SAE INDIA** was organized from 22<sup>nd</sup> to 26<sup>th</sup> January, 2020 at Pithampur - NATRIP, Madhya Pradesh. Total 20 teams

completed endurance race out of 120 teams, in which the students team of Mechanical Engineering Department stood on 12<sup>th</sup> which is a great achievement for the team which is participating in endurance for 1st time. The team achieved **13th rank** in cost report & 31st in Acceleration.



**Aravalli Terrain Vehicle Championship (ATVC)** was organized from 15<sup>th</sup> to 20<sup>th</sup> February, 2020 at Panjrapol Ground, Vadodara. ATVC is a national level All-Terrain Vehicle designing and racing event. The student's team of Mechanical Engineering Department stood 6<sup>th</sup> in Acceleration and 2<sup>nd</sup> in Gujarat in Acceleration.



#### TEAM ALBATROSS EVENTS

**Aero Design Challenge 2020** was organized from 28<sup>th</sup> to 30<sup>th</sup> February, 2020 at Bannari Amman Institute of Technology, Coimbatore, Tamilnadu, India. The Aero Design Challenge is a national level aeromodeling competition. Team of Mechanical Engineering Department Albatross secured 11th rank all over India in Design Evaluation & **41<sup>st</sup> Rank** in overall.



# DEPARTMENTAL LEVEL EXTRA-CURRICULAR ACTIVITIES

On the occasion of "Makarskranti", Civil Engineering Department organized the "Kite Festival" on 13<sup>th</sup> January, 2020.



Students of the Civil Engineering Department organized the **civilian youth festival**, in N-block. The festival was organized for six days from 10<sup>th</sup> to 15<sup>th</sup> February, 2020.



Mechanical Engineering Department celebrated 'Vishwakarma Jayanti' on 7<sup>th</sup> February, 2020 in Mechanical Workshop. The program started with the puja of Lord Vishwakarma by Head of the Department Prof A B Dhruv. All the faculties attended this celebration and prayed for a better future, safe working conditions, smooth functioning of various machines. and, above all, success in their respective fields.

Civil Engineering Department organized an **overall sports tournament** in February which included a total of 7 sports events.



## CREATIVE CORNER



NAKUM DEVANGI  
3<sup>rd</sup> SEM I&C



DRASHTI THAKKAR  
5<sup>th</sup> SEM CHEMICAL



SAKSHI PATEL  
8<sup>th</sup> SEM IT





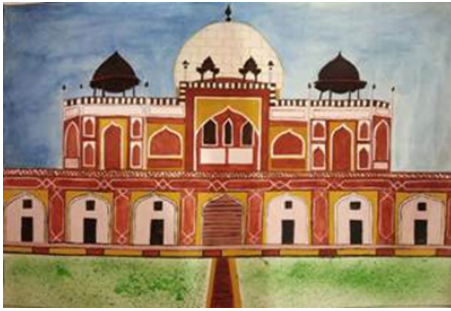
**DHRUVI DHAPRE**  
3<sup>rd</sup> SEM CE



**MANSI PANCHAL**  
5<sup>th</sup> SEM CE



**CHARMY PATEL**  
3<sup>rd</sup> SEM CE



**KHUSHNOOD SHAIKH**  
5<sup>th</sup> SEM CE



**DISHA SUTHAR**  
3<sup>rd</sup> SEM CE



**KHUSHI SHAH**  
7<sup>th</sup> SEM CE

મૃગજલ

કઈ બાર અનજાન રહના હી અચ્છા હૈં,

મૃગજલ પાની નહીં હોતા,

યહ ના જાને તો હી અચ્છ હૈ,

મૃગજલ પાની કા ઁવાબ દિખતા હૈં,

રેગિસ્તાન મૈં બી પ્યાસ કો જિંદા રખતા હૈં,

જીને કી એક આસ બચાકે રખતા હૈં,

ઉસ આસ સે રેગિસ્તાન મૈં બી કહીં દૂર નિકલ જાતા હૈં,

રેત સે બહાર નિકલ કર એક નયા જીવન શુરુ કર પતા હૈં,

મૃગજલ પાની નહીં હોતા,

યહ ના જાને તો હી અચ્છા હૈં.

- PROF. AMIT RATHOD,  
CE DEPT.

### ક્યાંથી ફાવે ?

બ્હીતાં બ્હીતાં જીવવું મારે, સાલુ ક્યાંથી ફાવે?  
વિષાણુને કાયમ કરગરવું, સાલુ ક્યાંથી ફાવે?

મેલા ઘેલા હાથોને તો, રોજ ઘસીયે ચાલો.  
ચોખ્ખા ચટ્ટને ઘસતા રહેવું, સાલુ ક્યાંથી ફાવે?

ભેટા-ભેટી, ધબ્બા-ધબ્બી ના, ફૂંફ વિનાનું જીવન,  
આઘે રહિને રડવું હસવું, સાલુ ક્યાંથી ફાવે?

ન વાંક છતાંય મોઢા ઉપર, પડદો બાંધી ફરવું,  
આ કારણે અંતરથી સમસમવું, સાલુ ક્યાંથી ફાવે?

મૌજુદા હાલાતે ભગવન્, “ઠંદય”થી સમજી શકીએ,  
તમને પણ આમાયવતરવું, સાલુ ક્યાંથી ફાવે??

- “ઠંદય” નિરવ મહેતા

સહાયક પ્રાધ્યાપક,  
પા. ઇ. વિભાગ, વિજીઈસી ચાંદખેડા

# VGECNews

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