



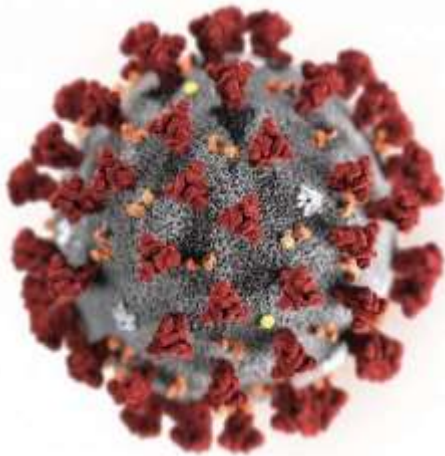
Tech वृतम्

A Quarterly Institute E-Newsletter



P P SAVANI
UNIVERSITY

School of
Engineering



#covid19pandemic

*The Nation had Lockdown...
But not Academics @ School of Engineering...*



#onlinelectures



#onlineassessment



#doubtsolvingssession

Highlights of the Issue...

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April 2020

**Encrypting the Journey of
Academic Excellence...**



Events of Academic Excellence @ SOE

Industrial Exposure

Chemical Engineering 4th semester students visited Colourtex Pvt limited, Vilayat on January 07, 2020.



Chemical Engineering 4th and 6th semester students visited Industrial Expo - 2020 at Ankleshwar on January 10, 2020.

Chemical Engineering 6th semester students visited Goodrej Industries, Valia on January 24, 2020.





Mechanical Engineering 6th semester students visited Kakrapar Atomic Power Station on January 25, 2020.



Civil Engineering 6th & 4th semester students visited Lavasa smart city during January 20-22, 2020.



Mechanical Engineering 6th semester visited Auto Expo 2020 at Delhi and Defence expo 2020 at Lucknow during February 6-10, 2020.



Mechanical 4th & 6th semester students visited Gujarat Solar Park, Patan on January 17, 2020.



Eminent Experts @ SoE



Mr. Sachindranath B Pandey, General Manager, Godrej Industries, Valia delivered an expert talk on 'Expectation of Chemical allied industries from Young Engineers' Under the Banner of IChE Student Chapter to the 6th semester Chemical Engineering students on February 7, 2020

Dr. Sunil Maity, Professor, Indian Institute of Technology (IIT), Hyderabad, delivered an expert talk on 'Bio Refinery' for 4th & 6th year students of Chemical Engineering on February 28, 2020.



Mr. G Chandra Mouleswaran, Head, Solution Architect, SAP India & Mr. Aaditya Razdan, National Sales Head – SAP, delivered an expert session on Benefits of Student Academy Program to all the students of Computer Engineering and Information Technology on February 11 & 27, 2020 respectively.

Mr. Chandresh Dave, Sr. Business Analyst, Essar Steel India Pt. Ltd. delivered an expert talk on 'Supply Chain Management' on January 25, 2020.





Dr. Yogesh Rotliwala, Principal, Pacific School of Engineering, Surat delivered an expert talk on 'Student Start-up & innovation Policy' on January 17, 2020.

Mr. Parth Dankhara, Production Engineer, ONGC, Hajira Plant, Surat delivered a motivational talk on 'Key to Success' for 6th semester students of all the branches on March 7, 2020.



Academic Collaboration by SoE

Member

SAP Student Academy Program



SAP – Student Academy Program

School of Engineering is the first University in Gujarat to join hands with Student Academy Program. SAP is world's largest provider of Enterprise Application Software. More than 20 students of School of Engineering joined the academy. Training for the first batch will start soon.

Coloutex Industries Limited, Vilayat



Department of Chemical Engineering signed an MoU with Coloutex Industries Limited, Vilayat and Pragna Group, Dahej on January 13, 2020.



GUJCOST & DST Sponsored National Seminar @ SoE



P P Savani School of Engineering organized GUJCOST & DST, Govt. of Gujarat Sponsored One Day Seminar on “Renewable Energy: A Significant Approach for Sustainable Development” on March 6, 2020.

Research Erudite

- ✚ Dr. Ankitkumar Patel, Assistant Professor, SoE, presented a research paper titled ‘Communication Skills: Theory vs. Practical’ in the National Conference on Post Method Pedagogy in English Classroom jointly organized by H M Patel Institute of English Training and Research & ELT@I Vallabh Vidyanagar Chapter during February 7-8, 2020.
- ✚ Ms. Sofia Ahmed, Assistant Professor, Chemical Engineering Department, presented a paper titled 'Optimized Microbial Fuel Cell as a solution to Textile Waste Water treatment' in 3rd International Conference 'Recycle 2020' held at IIT Guwahati during February 13-14, 2020.
- ✚ Mr. Jigesh Mehta, Assistant Professor, Chemical Engineering Department, reviewed manuscript for the journal – Iranian Journal of Chemistry and Chemical Engineering.



Students' Achievements

Student Start-up & Innovation Policy (SSIP)

Students from Computer Engineering and Information Technology received grant from Government of Gujarat under the Student Start-up & Innovation Policy.

- ✚ Pal Kagrecha received grant of 65,000 for I-VASTRA Project.
- ✚ Mahek Vasoya received grant of 55,000 for Digital Drishti Project.
- ✚ Jash Garach received grant of 25,000 for KTrack Project.
- ✚ Priya Patel received grant of 25,000 for MAPRD (Smart Shoes) Project.
- ✚ Kaushik Jasoliya received grant of 15,000 for I-Bike Project.
- ✚ Darshan Zalavadiya received grant of 10,000 for Robotic Travel bag Project.





Spare AR Program by Facebook

04 teams from Computer Engineering 6th semester participated in the Spare AR program by Facebook School of Innovative and have been shortlisted in the Top 250 teams (2 Students Per Team) out of 10,000 applications throughout the nation.

- ✚ Mahek Vasoya & Pratik Patel
- ✚ Kenil Vavaliya & Jay Thakkar
- ✚ Pal Kagrecha & Chandresh Maniya
- ✚ Denish Moradiya & Nisarg Mangukiya

Hackathon 2k20

Team "Instasecure" won the award for the best Innovative project in Internal Hackathon for Smart India Hackathon 2020 in School of Engineering organized..

Team Instasecure:

- ✚ Makwana Akshaykumar D
- ✚ Kuvadiya Brijesh V
- ✚ Vavadiya Samarth B
- ✚ Vasoya Darshak R
- ✚ Mulani Dhruvin H
- ✚ Saha Vidhi



Teams selected for Smart India Hackathon 2020

Software Edition

- ✚ Instasecure
- ✚ Technical Kings
- ✚ Greencoders
- ✚ Tech Sentinels
- ✚ Smart Guide
- ✚ Farmical
- ✚ Techwiz

Hardware Edition

- ✚ I - Bike
- ✚ Dynamic Developers



Faculty Achievements



Dr. Niraj Shah, Dean, School of Engineering received "Best Industrial Structure Award" - South and Central Gujarat Zone by Indian Concrete Institute and Ultratech Cement in recognition of being Structural Consultant for Pharma Unit Project.



Mr. Chandresh Kumbhani, Assistant Professor, Mechanical Engineering Department, qualified for GATE 2020 with AIR-1167, overall 5th time qualified.



Dr. Ashish Jani, Associate Professor, Computer Engineering & Information Technology Department, was invited as a Resource Person in National Workshop on "Machine Learning & Deep Learning at Bhagwan Mahavir University, Surat during March 20-21, 2020.



Mr. Jigesh Mehta, Assistant professor, Chemical Engineering Department, delivered an expert talk on bio fuels and renewable energy for the 2nd and 3rd year diploma students at Valia Polytechnic College, Valia.



Dr. Ankit Patel, Assistant Professor, Applied Science & Humanities department, served as a subject expert for BA & MA (ELT) in Board of Studeis Meeting by Parul Institute of Arts, Parul University on February 28, 2020.

PPSU Level Annual Awards



Ms Sofial Ahmed, Assistant Professor, Department of Chemical Engineering received the award of '**Best Researcher**' for the year 2019-20



Mr. Jigesh Mehta, Assistant Professor, Department of Chemical Engineering received the award of '**Best Researcher**' for the year 2019-20



Ms. Dhruvi Tailor, Lab Assistant, Computer Engineering, received an award of '**Best Lab Support Staff**' for the year 2019-20



Mr. Kiran Patel, Office Assistant, SoE, received an award of '**Best Support Staff**' for the year 2019-20.



Student Support Activities @ SoE

School of Engineering organized **Thalassemia Screening Camp** on February 11th & 13th 2020. Dr. Mukesh Jagiwala, Consulting Psychiatrist, and Hon. Secretary, Surat Branch of Indian Red Cross Society counselled the students and made them aware of thalassemia disorder. More than 650 students benefited from the activity.





Cultural Vibes @ SoE

Champion

(KalaGoonj 2k20 – A University Level Cultural Fest)

School of Engineering were Champion in KalaGoonj 2k20 - A University Level Cultural Fest as winners and runners-up in **18 events out of 29**. Participants secured **12 winner** and **06 runners-up** trophies. It is the result of sheer hard work, dedication, and teamwork.





Sports Vibes @ SoE

Winners

- ✚ Inter College Volleyball Tournament (Boys)
- ✚ Inter College Chess Tournament (Boys)
- ✚ Inter College Table Tennis Tournament (Boys)
- ✚ Inter College Tug of War Tournament (Boys)
- ✚ Inter College Cricket Tournament (Boys)
- ✚ Inter College Cricket Tournament (Girls)
- ✚ Inter College Football Tournament (Boys)

Runners-up

- ✚ Inter College Volleyball Tournament (Girls) – Runner up
- ✚ Inter College Kabaddi Tournament (Boys) – Runner up
- ✚ Inter College Chess Tournament (Girls) – Runner up
- ✚ Inter College Tug of War Tournament (Girls)
- ✚ P P Savani Group Tournament 2020 (06 faculty members from SoE)





Students' Alley

Rat Race

Human race
Ain't gonna stop.

It will go forever and ever
Destroying every scale of line
Until reached to the pinnacle of
comfortability.

This universe is too short for human race.
They are seeking beyond universe
Just to feel the hunger of satisfaction.
Human race is a virus to the universe,
It will expand but will never diminish
Till they perform crucifixion of
themselves.

When will we be humans again?
And

If we might someday
Will we be called humans anyways?
The world is ending
And so is the importance of words.
Human made things are dying anyways

One day everything
Is going to destroy
Point zero at a glance
And everything around now
Will not make any sense.
Revolution will dominate nature
And
Death will dominate life.

Human race
Ain't gonna stop

Meet Vasani
Computer Engineering

Drawing/ Panting Art



Mansi Vankar
B.Sc. (IT)



Rahul K. Somaliya
Computer Engineering



Faculty Thinks

Corona Virus: Outside of the door Vs. Zoom: Inside of the Door



Dr. Ankit Patel

Assistant Professor

Center for Skill Enhancement and Professional Development

School of Engineering

The stupid question is to ask that do you know Corona Virus and Zoom. Well, we know that everyone's life is impacted and a slogan is emerged stay home, stay safe as well as keep social distance and work from home.

Further, Coronavirus disease (COVID-19) is an infectious disease caused by a new virus. The disease causes respiratory illness (like the flu) with symptoms such as a cough, fever, and in more severe cases, difficulty breathing. Coronavirus disease spreads primarily through contact with an infected person when they cough or sneeze. It also spreads when a person touches a surface or object that has the virus on it, then touches their eyes, nose, or mouth. You can protect yourself by washing your hands frequently, avoiding touching your face, and avoiding close contact.

In addition, a 57-year-old female shrimp seller in China's Wuhan city, the originating point of the coronavirus pandemic, has been identified as one of the first victims of coronavirus, which has affected nearly 7,00,000 Lacs lives around the world so far, according to media reports.

On other side, Zoom, the video-conferencing app, started in 2011 by Chinese software engineer Eric Yuan, who emigrated from China to Silicon Valley at the age of 27 that has seen a huge rise in downloads since quarantines were imposed around the world, is now being used by millions for work and social gatherings. Zoom has quietly overtaken rivals such as Skype and Microsoft Teams, in part because of some pretty simple features including adaptive backgrounds. It is free for anyone to use but its basic package has a 40-minute meeting limit for more than three participants.

One thing we find common is that both corona virus and Zoom are the products of China somehow and playing a smart game with world over and have impacted everyone's life. We cannot escape from anyone. Either we are impacted by Corona or Zoom.

However, one thing we learn from this that how the technology can be used for teaching and learning for both elementary level as well as tertiary level teachers and students and also to help them incorporate Web 2.0 tools i.e. Blogs, Wikis, Podcasts, Nicenet, Flubaroo, Kahoot, Edmodo, Zoom, Easyclass, Google services etc. in their teaching and learning outside of the classroom. We find new ways to fit these tools within the already crowded curriculum in meaningful ways which enhance the learning experience for both the students and the teachers.

"Doing it over Zoom was really, really bad. But right now, we couldn't bring them to the office."
Said by BBC.

Invitation for Content

The students and staff members are cordially invited to contribute with the content for the upcoming issue of “**Techवृत्तम्**”- *A Quarterly Institute E-Newsletter* to be published in **July 2020**. Kindly contribute as per the categories mentioned below.

Activities/ Events @ SoE

- ❖ Academic Events (Conference, seminar, expert talk etc.)
- ❖ Technical Events (Engineer’s Day, Tech Fest, Industrial Visit etc.)
- ❖ Cultural Events (Festivals, fresher/ farewell party etc.)
- ❖ Sports Events (Institute level, University Level Participation)
- ❖ Others (Women Development Cell, NSS, Marketing, Community Service)

Achievements @ SoE

- ❖ Curricular (Semester/ Year Topper)
- ❖ Co-curricular (Tech Fest, Workshop, Debate, Elocution, Essay Competition etc.)
- ❖ Extra-curricular (Cultural & Sports Events within and outside PPSU)
- ❖ SoE Faculty Achievements (Presentation, Participation, Expert Talks)

Creativity @ SoE

- ❖ Creative Painting
- ❖ Original Poem/ Story writing
- ❖ Photography Corner
- ❖ Other Forms of design (web site, art and craft)

Innovation Corner

Innovative Ideas, Research, New Arrivals in the respective field (all branches) etc.

Faculty Thinks...

Short Motivational/ Inspirational/ Informative/ Intellectual articles

Students Thinks...

Anecdotes/ Experiences/ Observations/ Motivational messages **Kindly submit work/content as per the below guidelines:**

- ❖ Submit your work on techvritam@ppsua.ac.in.
- ❖ Deadline: **June 20, 2020**.
- ❖ It is mandatory for students to mention name, enrolment number, Branch, Contact number, and soft copy of passport size photo in their submitted work.

Submission does not confirm publication. Submitted content will be reviewed by the committee for final publication.

For queries, kindly contact to:

Dr. Gaurav Thakarar & Ms. Meera Patel, Assistant Professors, PPSSoE



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