



PPSU

P P SAVANI UNIVERSITY

Explore
Experience
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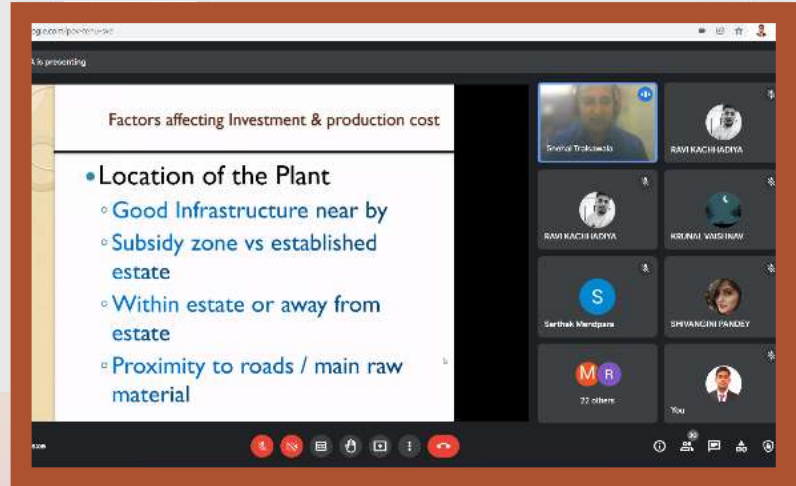
CHAMPIONS

Highlights of the Issue

- Events of Academic Excellence
- Technocrat 2022
- Industry-Academia Meet
- Women's Day Celebration
- Champion of KalaGoong 2022
- Poster Exhibition
- Faculty Achievement
- Students' Achievement
- Faculty Thinks

EVENTS OF ACADEMIC EXCELLENCE

An Industry allied Course - 'Plant Economics and Design' for the 8th Semester Chemical Engineering students, started in Online mode by Mr. Snehal Tralsawala, CEO, Prism Consultant, Bharuch.



Chemical Engineering department conducted a Laboratory session for the 6th Semester Diploma Chemical Engineering Students of Valia Polytechnic College, Valia on February 9, 2022. A Total 84 students participated in the Session.



IChE Chapter of PP Savani University a Organized Quiz Competition for the 4th and 6th Semester Students on the Occasion of Science Day. The winners of the competition were awarded with the Certificates.



76 students of semester 4 & 6 from the Chemical Engineering department have successfully completed online E-certificate courses titled 'Industry 4.0 & Fuel and Combustion' offered by TATA steel.

EXPERT TALKS @ SOE

Ms. Alka Kale, Faculty, EHS and 5S, QCFI, Ankleshwar Chapter delivered an Expert Session on 'Industrial Safety' to the 4th semester Chemical Engineering students on February 28, 2022.



Dr. Rahul Kumar, Assistant Professor, Department of computer Science and applications, Charusat University delivered an expert talk virtually on "Data mining Tool- Orange" on March 21, 2022 for the students of Computer Engineering and Information Technology.

Mr. Vijay Asar, Chairman, QCFI Ankleshwar Chapter delivered an expert talk on the theme "Bhopal Gas Tragedy- Case Study & onsite and off-site Emergency plan" on March 16, 2022.

Ms. Sapana Desai delivered an expert talk on "Project Management with Azure and Jira" for the students of Computer Engineering and Information Technology on March 15, 2022.

Dr. Mitul Trivedi, Scientist ISRO & NASA, delivered an expert talk on 'From Vedas to Rocket Science' for the final year Computer Engineering and Information Technology students on March 14, 2022.

Dr. Vijay Sodhi, Project Scientist, Punjab State Council for Science and Technology (PSCST), delivered an expert talk on 'Waste Water Treatment: An Indian Perspective' to the 2nd and 3rd year of Chemical Engineering students on March 15, 2022.

Dr. Milind Pathak, Head (Pharmaceutical wing) QCFI, delivered an expert talk on 'Role Of Chemical Engineering In Pharmaceutical Engineering' to the 2nd year Chemical Engineering students on March 29, 2022.



School of Engineering organized 'A Visual Presentation Competition' at the University level. Winners of this competition are:

- **Krishna Patel**, First Year Computer Engineering Student
- **Meet Pavasiya**, Second Year Information Technology student



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www.ppsu.ac.in

VISUAL PRESENTATION COMPETITION ON #BREAKTHEBIAS

25th February, 2022 | 11:30 am onwards
VENUE : SOE 'C' Building, 201

EVENT RULES

- All Students, Male and Female Faculty Members can apply
- Team participation - 2 members
- Select any video clip from Movie/ Advertisement/ Documentary/ Social Media Platform in Hindi/ Gujarati/ English
- The clip for the presentation must give some message according to theme #BreaktheBias
- First three winners will get exciting prize and certificate

EVENT CONCEPTUALISED
Ms. Maulika Patel
9427117611

EVENT COORDINATOR
Ms. Maulika Patel
9427117611

Dr. Tanvi Bhavsar
7284035562

Dr. Tejal Patel
Convener, ICC, PPSU

Registration Link

Workshop @ PPSU



A Technical Engineering Workshop on “Augmented Reality: The futuristic Technology” Sponsored by the Gujarat Council on Science and Technology (GUJCOST) and Department of Science and Technology (DST), Government of India, was organized on February 26, 2022. Total 150 students participated in this Workshop.

The event was organized by the students; Jay Thakkar, Harsh Bafna, Dattesh Jadav, Shreyans Kathiriya, Jemit Savani, Kush Patel, Mann Savani; 2 Year Artificial Intelligence & Machine Learning Students and Computer Engineering Students, guided by Dr. Jasleen Kaur, Professor, Computer Engineering and Information Technology Department and Mr. Ravirajsinh Chauhan, Assistant Professor, Computer Engineering and Information Technology Department.

TECHNOCRATS 2022



Technocrats 2022 – A Technical Engineering event was organized on March 2, 2022. Total 122 students participated in this event. The event was organized to bring light to technical aspects of young minds to nurture with live competitions.

The event was organized by the students; Claudia Francis, Vrunda Khunt, Harsh Bhanderi; 2 Year Information Technology students, guided by Ms. Neha Shah, Ms. Maulika Patel, Assistant Professors, Computer Engineering and Information Technology Department.

INDUSTRY-ACADEMIA MEET



P P Savani School of Engineering, a constituent institute of P P Savani University, stationed at Kosamba, organized 'Industry-Academia Meet' on March 26, 2022 - the day of 73rd Birthday of its President, Shree Vallabhbhai Savani (Bapuji).

As a part of the event, 73 Memorandum of Understandings (MOUs) with Industries affiliated with the Engineering Field, were signed by the leaders of the School of Engineering and the industries at the University Campus. These MOUs will help in establishing relations with industries by forming a foundation for the Industries and the Students.

The event was graced by the presence of a Special Guest, **Mr. Jay Vasavda**, a Gujarati language writer, orator, and columnist. On this occasion, Dr. Parag Sanghani, Provost, P P Savani University; Dr. Sateesh Biradar, Registrar, P P Savani University;

Dr. Niraj Shah, Dean, School of Engineering, P P Savani University; more than 100 Industry Personnel from Allied Industries; and the Faculty Members of School of Engineering, remained present. Dr. Parag Sanghani welcomed all the industrialists and asked them to give inputs for curriculum designing to make the students Industry Ready.

The Special Guest, **Mr. Jay Vasavada** addressed the industrialists by explaining the importance of thinking out of the box and helping the society wherein H stands for Habit, E for Excellence, L for Loyalty, and P for Persistence. Also, Mr. Vasavda insisted that success in work is based on Good Team, Equipment, Process, Circumstances, and luck.



Mr. Vasavada concluded the speech with the importance of constant up-gradation. P P Savani School of Engineering, under P P Savani University, offers Diploma, B. Tech, and Ph. D programs in Computer, IT, Chemical, Civil and Mechanical Engineering.

The institute strives hard to be an Education hub to impart quality education with the holistic development of the students. Moreover, the university campus is enriched with world-class infrastructure, hi-tech labs, and the latest equipment to create an ideal academic ambiance.

WOMEN'S DAY CELEBRATION

School of Engineering celebrated **International women's Day** on March 8, 2022. There were different competitions organized to celebrate this day. The students have also set up food, art and craft stalls. The girls have participated in Mehndi, Make up and Nail art competitions as well as some boys also participated in Reel making competitions.



CHAMPIONS OF KALAGOONJ 2022



P P Savani University celebrated the festival of art, and creativity with zeal, energy, and excellence titled 'KalaGoonj 2022'- Inter College Youth Festival during March 11-12, 2022.

This festival included 32 events of different categories such as Theatre, Dance, Music, Art and Literary where approximately 1000+ students of the university participated actively. This two days festival of "Kala" portrayed such a vibrant and passionate "Goonj" that the entire "P P Savani University" felt an upliftment in energy and excellence.



Total 9 colleges under P P Savani University namely School of Engineering, School of Design, School of Science, School of Liberal Arts and Management Studies, School of Homeopathic, School of Architecture and Planning, School of Physiotherapy, School of Nursing,

School of Agriculture participated in this two days youth festival KalaGoonj-2022. The competition among these all outstanding colleges made the environment warm! “School of Engineering-SOE” won maximum events with 180 points and was declared as Champion of KalaGoonj-2022.

POSTER EXHIBITION

P P Savani University, School of Engineering have organized Project/Poster Exhibition Event for Diploma Chemical Engineering Students from various institutes of Gujarat. Total 90 students took part in the event with 21 posters and 6 models.





FACULTIES INVITED AS RESOURCE PERSON

Dr. Vikas S. Chomal, Assistant Professor, department of Computer Engineering and Information Technology

- Conducted a one day Seminar on 'Agile Methodology & Documentation' at The Mandvi Education Society Institute of Computer Studies – MCA, Surat Gujarat on January 3, 2022.
- Acted as a reviewer for the book titled as “Digital Innovation for Pandemic: Concepts, Challenges, Constraints and Opportunities” published by CRC, Taylor and Francis, USA in 2022.

Mr. Jigesh Mehta, Assistant Professor, Chemical Engineering Department, has delivered expert talks on

- ‘Chemical Process Technology: A New Era of Industrialization’ and ‘Skill Set Required for Fresher Diploma Engineering Students’ to the Students of K J Polytechnic, Bharuch, on January 21, 2022.
- ‘Basics of Environmental Pollution’ to the 40 students of Valia Polytechnic College on February 26, 2022.

- ‘Depreciation’ to the 6th semester Chemical Engineering students of Diploma Chemical of Valia Polytechnic College on February 10, 2022.
- ‘Outlines of Chemical Reaction Engineering’ to 6th semester Diploma Chemical Engineering Students of Polytechnic College, Valsad on March 15, 2022. More than 100 students got benefit of the session.
- ‘Estimating Product cost in Process Industry’ at RMS Polytechnic, Vadodara on February 18, 2022.

Dr. Deepak kohli, Assistant Professor, Chemical Engineering Department, delivered expert talks on

- ‘Homogeneous and Heterogeneous Chemical Reactors’ to the 60 students of Valia Polytechnic College on February 3, 2022.
- ‘Outline of Chemical Reaction Engineering’ at RMS Polytechnic, Vadodara on February 18, 2022.

Dr. Deepaksingh Panwar, Assistant Professor, Chemical Engineering Department, delivered an Expert session on “Introduction to Chemical Reaction Engineering” to the students of Valia Polytechnic College on January 27, 2022.

FACULTY PARTICIPATION

Mr. Jigesh Mehta, Assistant Professor, Chemical Engineering Department, participated in the one-day Faculty Development Program (Online) on ‘Green Initiatives and Sustainable Engineering’, under the aegis of the project Enhancing Green Economy in three Countries of Asia (EGEA), Co-funded by Erasmus Program of the European Union on February 03, 2022.

Dr. Swapnil Adsul, Assistant Professor, Chemical Engineering Department has participated in One Week STTP on Domains of Academia: Research and Teaching-Learning organized by Marwadi University, Rajkot, during March 01 - 05, 2022.

Dr. Deepaksingh Panwar, Assistant Professor, Chemical Engineering Department has participated in:

- One Day Faculty Development Program (FDP) on the theme “Green Initiatives and Sustainable Engineering” (2022) under the aegis of the project Enhancing Green Economy in three Countries of Asia (EGEA), Co funded by Erasmus Program of the European Union.

- One-Week Faculty Development Program (FDP) on the theme “Smart Use of Renewable Energy Resources for Sustainable Future” (2022) organized by Department of Mechanical Engineering under Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur.

- One-Week online STTP on the theme “Domain of Academia: Research and Teaching-Learning” (2022) organized by the Department of Chemical Engineering, Faculty of Technology and Learning & Development Department, Marwadi University - Rajkot.

Ms. Maulika Patel, Assistant Professor, Department of Computer Engineering & Information Technology,

- Attended a virtual workshop titled ‘Artificial Intelligence in Smart City development: Recent Trends and future Scopes’ organized by Parul University on March 4, 2022.
- Completed Training on Microsoft Azure on February 19 , 2022.
- Attended 7 days virtual FDP Program on “Digital Pedagogy for 21st Century Teachers” Organized by G H Rasoni University Saikheda, MP during March 01 to 08, 2022.

RESEARCH ERUDITE

- **Mr. Jigesh Mehta**, Assistant Professor, Chemical Engineering Department, Published a Review Article on “Biomass-derived 5-hydroxymethylfurfural (HMF) and 2,5-dimethylfuran (DMF) synthesis as promising alternative fuel: A prospective review” in Elsevier.
- **Dr. Vikas Chomal**, Assistant Professor, Department of Computer Engineering & Information Technology, published a paper Titled “4PCDT: A Quantifiable Parameter-based Framework for Academic Software Project Management” in International Journal of Advanced Computer Science and Applications(IJACSA), Volume 13 Issue 1, 2022.

STUDENTS' ACHIEVEMENTS

Kevin Savani and **Kruksh Navadiya**, students of Mechanical Engineering are working on project about innovative bicycle which is named Compound Propagating System. The innovative concept about this project is- bicycle can run up to 90 to 100 kmph without having motor and battery support. Currently this project is under implementation and associated with SSIP.



FACULTY THINKS



Ms. Bhumika Shah

Assistant Professor

Department of Computer Engineering &
Information Technology

Book Review: दो लोग (– Gulzar at its best!)

Reading poems of **Gulzar sir** is divine feeling. Reading short stories of Gulzar sir is heavenly travel through touching humanly emotions. Reading Novel written by Gulzar Sir was an experience never before. Like dwelling in thousands of emotions and carrying countless feelings- emotions and feelings of characters and stories.

Before reading DO Log, I had read – half a rupee stories and Ravi par ki kahaniya – both collection of short stories by Gulzarsir. Even I have loved reading poem collections by Gulzarsir and hence had been eagerly waiting to read Do Log novel.

Before starting this novel I had not gone through any review and had no presumption about story line. As reading Gulzarsir in Hindi is more appealing considering Urdu words majorly used- I had preferred reading this novel also in Hindi. When first I took this book in my hands the tag line provoked thousands of thoughts within me.

Do Log- Hum ek the. Ek alag ho gaya. Ab hum do Log hain.
Such simple words yet such a deep meaning.



The novel is based on India-Pakistan partition era.

I have read many books on partition theme and found most of them biased towards one community or the other. And hence starting reading this one generated same feelings into me. I was curious to know how Gulzarsir would talk about partition as he has been through that era-pain-suffering.

We all have just read about partition and loss during partition time but only those who have loved that can justify the true emotions well. The book started narrating stories of many characters during 1946. Stories of different characters- simple-alike us. The characters whose names could make us associate certain religion with them but their conduct-nature-humanity put them all same-equal. The characters who lived different life before partition yet loved their motherland. The story grew up in the background of a small town called Kembalpur (Atak originally, in Pakistan after partition). In this small town many families of different religions-Hindu, Muslim, Sikh, Christian- lived together their own lives. The story grew slowly talking about many emotions such as- religion, friendship, hate, jealousy, satisfaction, sacrifice etc. the strong narration of characters and bond between them makes those character live inside reader forever. Every character is glorified with own circumstances-emotions-misery without any bias.

The simplicity of story is its boost. Slowly story reached to 1947 and consequences of Britishers leaving India- breaking India into two parts. The pain and confusion of people is perfectly narrated in small and effective incidents. People, regardless their religion, show strong love-bond for their mother-land and despite of partition based on religion- feel reluctant to relocate. Such a pure love!

From reach to poor, from lonely ones to families- how lives got shattered is described in depth. Many characters of Kempbalpur have to relocate to India as now their mother land is going to be called Pakistan. The misery and pain is beyond description yet the simple characters and simple incidents convey it strongly.



The migration of Refugees starts and lacs of shattered poor souls live their origin- not knowing where they are heading. Many get killed- raped-robbed in their travel and many die of the pain. Many reach to the new land, which is not their own. The misery and pain to settle at new place being refugee, re rooting self – becomes life .

long process The story keeps all characters and their tangled threads alive till end. It shows their resettlement in India and their struggle as well.

What is strongly showcased is the fact that- those souls who had left their roots could never re root to new place even after decades. The pain and memories haunted them forever.



Slowly story progresses to 80s talking about Indira Gandhi murder and the post anti-Sikh riots. The suffering of the same characters who were still struggling in making their shelters -their nests – is painful.

The entire story unbiasedly narrates how humanity is killed in era of partition. How one nation was divided in two like two brothers got separated. How those two brothers who got separated could never unite- or live peaceful life ever. How both nations kept burning on name of religion years after years!

A must read for all.

A treat for eyes and brain. A thought provoking one- an eye opener as well..

INVITATION FOR CONTENT

The students and staff members are cordially invited to contribute with the content for the upcoming issue of “Techव्रतम्”- A Quarterly Institute E-Newsletter to be published in July 2022. Kindly contribute as per the categories mentioned below:

1. Activities and 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)

2. 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)

3. Creativity @ 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)

4. Innovation Corner

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

5. Faculty Thinks

- Short Motivational/ Inspirational/ Informative/ Intellectual articles

6. Student Thinks

- Short Motivational/ Inspirational/ Informative/ Intellectual articles

Submit your work/content as per the below guidelines:

Submit your work on techvratam@ppsu.ac.in.

For queries, kindly contact to: Ms. Meera Patel Asst. Professor, ASH, SoE.

It is mandatory for students to mention name, enrollment number, Branch, Contact number, and soft copy of passport size photo in their submitted work.



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