



SARANSHI



The Institute Newsletter

Volume: 4 Issue: 5 Year : May 2022

ACHIEVEMENTS

Mechanical Engineering Department students Parida Rohankumar, Kinge Aayush, Patil Narendra and Maurya Ankit participated in national level project competition “BVPROTECH” organized by Mechanical Engineering Department, Bharati Vidhyapith College of Engineering, Pune on 21st May, 2022 and secured the 1st rank, Rs. 6000 as prize money and got an e-certificate for their project 360 Degree Hurricane Water Air Cooler.



INSTITUTE ACTIVITIES

ANNUAL DAY CELEBRATION

The Government Polytechnic, Valsad celebrated its first Annual Day on 25th May 2022 in the premises of the institute. The annual function was unanimously named '*Umang*' celebrating the spirit of fervor and enthusiasm of the entire institute to organize its first annual function. The function was presided over by the Principal, Mr. C. H. Bhatt. Mr. Jaimin Desai, former Head of Plastic Engineering Department with a long association with the institute, was invited as the chief guest of the function. The institute also invited Ms. Mamta Desai, former Head of General Department and Mr. S. H. Patel, ex-principal and former Head of General Department, as a gesture of reverence for their contribution in the development of the institute. Mr. Dharmesh Patel, the Sarpanch of Bhagdawada village, supportive of the many development projects going on at the institute also graced the function.

The event began at 11.00 a.m. with a welcome of all the invited guests and dignitaries on the stage with a bouquet. The event marked the unveiling and installation of the Goddess Saraswati artifact at the entrance of the Administrative Building of the institute. e. The Principal, Mr. C. H. Bhatt, along with the dignitaries, performed a small *puja* to the Goddess accompanied by the chanting of *shloks*. The ceremony was followed by the lighting of lamp and a speech by the Principal. The Principal talked of the overall development of the institute in the recent years, including academics, placement, infrastructure, facilities and activities at the institute. Special appreciation was given to the co-ordinator of the programme, Mr. Dhiren Patel, Lecturer, Mechanical Engineering Department.

After the formal inauguration of the function, the students began with the events for the day. The events of the day-long festival included music, singing, dance and group dance. The highlight of the day was the fashion show organized by the students. Students displayed their immense talents in all the genres. The students and faculty and staff members, in the audience, continuously encouraged the students with their applause. Lunch was provided to all the students and faculty and staff members of the institute. The entire day was filled with the competitive events which ended with the prize distribution at 6 p.m. Prizes were given for the first three ranks in each category. The winners list is provided as Annexure I and the photographs of the events are presented in Annexure II of this report.

The entire day was a fun filled one brimming with the energy and enthusiasm of the students and faculty members. The event had been successful by the planning and perseverance of the organizing team comprising of faculty members and students. Mr. Dhiren Patel, Lecturer, Mechanical Engineering Department co-ordinated the programme. The students enjoyed the day and wished for a similar programme every year.



PEDAGOGY SESSION

A pedagogy meeting was arranged by Applied Science and Humanities Department, Government Polytechnic Valsad on 30th April, 2022 from 3:00pm to 4:00 pm at Seminar hall, Civil Department. All faculty members and staff members attended it with enthusiasm.

The objectives of Pedagogy Session:

- Awareness about GCSR Leave rules
- Awareness about Kacheri Karyapadhdhati

The session was conducted by Mrs. Jyoti Rathod and Shri A G Patel on topic “*GCSR Leave Rules and Kacheri Karyapadhdhti*”. Head of the Institute, Shri C.H.Bhatt, also gave his valuable inputs on general principles regarding grant of leave.

Following points were discussed in the pedagogy meeting:

- GCSR leave rules (Rule-10-17): Earned leave, Casual leave, Study leave (Rule 77-94), Leave Not Due (Bin Jama Raja Rule 59).
- Kacheri karyapadhdhti and Importance of office discipline.
- Right to leave,
- Authority empowered to sanction Leave,
- Commencement and termination of leave,
- Combination of leave,
- Grant of leave beyond the date of retirement and in the event of resignation,
- Conversion of one kind of leave into another kind,
- Special provision for conversion,
- Rejoining duty on return from Leave on medical grounds,
- Rejoining duty before the expiry of leave,
- Maximum period of absence from duty,
- Maternity leave,
- Paternity leave and
- Half pay leave.

PO discussed in the session:

- 7. Life-long learning: Ability to analyse individual needs and engage in updating in the context of technological changes.

Conclusion:

At the end of the session those who had any query regarding the leave rules had asked questions which were answered by the Head of the Institute and the Administrative Officer. Shri S. C Patel, Head Pedagogy Committee, thanked everyone for their kind support. He also thanked the Head of the Institute for giving permission to conduct the session. The session ended with national anthem.



DEPARTMENT ACTIVITIES

PROJECT FAIR

The Mechanical Engineering Department organized a Project Fair 2022 on 7th May 2022. 42 groups participated in the fair. Evaluation of each project group was done by Jury member, Mr. Harshi Sankdecha, Director, DG industries, Mr. Siddharth Kumar, Training In charge, Mr. V. Kumar, Center In charge, CIPET-Valsad and Ms. Dipti, Senior faculty member, CAD center Valsad. The trophy was given to best 3 projects and e-certificate was given to all participating students.

The three best projects selected by jury member are as follows:

- 1) 360 Degree Hurricane Water Air Cooler
- 2) Electric Bike with Solar Panel
- 3) Floating Sun Tracking Solar Panel with Hydraulic Position





EXPERT LECTURES

The Civil Engineering Department organized an expert lecture on 'Durability of Cement Concrete in Road Construction' on 17th May 2022. The expert lecture was conducted by Mr. Bhagwan Jethwani, Senior Manager, Technical Services, J.K Lakshmi Cement Ltd., Surat. Mr. Kayomarze Billimoria, Lecturer, Civil Engineering Department.



The Chemical Engineering Department organized an expert lecture on 'LNG, Cryogenic Operation and Industrial Operation' on 20th May 2022. The expert lecture was conducted by Mr. Kanubhai Patel, Ex Tutor, Qatari Natonal Trainees, Qatar Gas LNG, Doha for the second year students.



INDUSTRIAL VISIT

The Chemical Engineering Department organized an industrial visit at Vapi Green Enviro Limited on 6th & 7th May 2022 for the second-year students.



SITE VISIT

The Civil Engineering Department organized a site visit for the course of Advanced Surveying at Parnera, Pardi Road on 20th May 2022. Students studying in the fourth semester were taken to the site to do practice for tacheometry survey. The visit was conducted by Mr. Hiren A. Mistry and Mr. Ajay Gamit.



The Civil Engineering Department organized a survey project visit for the course of Advanced Surveying at the institute on 21st May 2022. Mr. S. D. Kakwani, Head, Civil Engineering Department explained the process of plotting of curve on field to the students. Students studying in the fourth semester drew curve on fields by use theodolite instrument.



ACTIVITIES OF FACULTY MEMBERS

RESOURCE PERSON

Ms. Sejal Mahendrasinh Chauhan, Lecturer, Chemical Engineering Department delivered a webinar on '*Different Types of Heat Exchangers*' on 13th May 2022 organized by N. G. Patel Polytechnic, Afwa, Isroli through online platform ZOOM.


TRAINING

Mr. Shyamal D Choksi, Lecturer, Electrical Engineering department, participated in an online training on "Lab Experiments development in Electrical and Electronics Engineering for Outcome based Education" organized by NITTTR Bhopal during 23rd to 27th May, 2022.

MOOC

Mr. Nilesh C Prajapati, Lecturer, Electrical Engineering department, successfully completed Massive Open Online Course (MOOC) on 'Leadership and Team Effectiveness' organized by NPTEL during January - April, 2022 with a score of 57%.

Mr. Harshal B Sharma, Lecturer, Electrical Engineering department, successfully completed Massive Open Online Course (MOOC) on 'Design of Power Electronic Converters' organized by NPTEL and IIT, Guwahati during February - April, 2022 with a score of 75%.



The certificate is titled "Elite NPTEL Online Certification" and is awarded to Harshal Babulal Sharma for successfully completing the course "Design of Power Electronic Converters". The certificate shows a consolidated score of 75% and includes a table of scores for Online Assignments (19.71/25) and Proctored Exam (54.9/75). It also mentions that 161 candidates were certified in this course. The certificate is dated Feb-Apr 2022 (8 week course) and is signed by Prof. Hemant B Kaushik, Head, Center for Educational Technology, NPTEL Coordinator, IIT Guwahati. The certificate is issued by the Indian Institute of Technology Guwahati and is part of the Swayam program.

Elite
NPTEL Online Certification
(Funded by the MoE, Govt. of India)

This certificate is awarded to
HARSHAL BABULAL SHARMA
for successfully completing the course
Design of Power Electronic Converters


with a consolidated score of **75** %


Online Assignments	19.71/25	Proctored Exam	54.9/75
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Total number of candidates certified in this course: **161**

Feb-Apr 2022
(8 week course)

Hemant B Kaushik
Prof. Hemant B Kaushik
Head, Center for Educational Technology
NPTEL Coordinator, IIT Guwahati

 Indian Institute of Technology Guwahati

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Dr. Swagat Barot, Lecturer in Mathematics, General Department successfully completed Massive Open Online Course (MOOC) on 'Essentials of Data Science with R Software -1: Probability and Statistical Inference' organized by NPTEL and IIT, Kanpur during 24th January – 15th April ,2022 with a score of 76%.

Dr. Nibha Thakore, Lecturer in English, General Department successfully completed Massive Open Online Course (MOOC) on 'Literary Criticism: From Plato to Leavis' organized by NPTEL and IIT, Madras during 24th January – 15th April ,2022 with a score of 75%.

STUDENT ACTIVITIES

Gujarat Technological University declared the result of third semester on 30th April 2022. The star performers from the Civil Engineering Department were congratulated by the department:

Rank	Enrolment No	Name of Student	Result (SPI)
1	206290306051	Patel Nikhilkumar Rajendrabhai	9.08
2	206290306074	Patel Vruttiben Shankarbhai	8.95
3	206290306004	Pastagia Lizaben Manojbhai	8.85



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