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Government Polytechnic, Bhuj

Opp. Hill Garden, Airport Ring Road, Bhuj – Kutch, Gujarat

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Institute Profile



Government Polytechnic, Bhuj is a Diploma Engineering Institute situated in Bhuj City of Kutch District. The institute is governed by Directorate of Technical Education, Government of Gujarat and is affiliated to Gujarat Technological University, Ahmedabad. Government Polytechnic, Bhuj is equipped with robust infrastructure, experienced faculty and enthusiast academic environment. The Government Polytechnic, Bhuj strives to

provide quality education and produce skilled Diploma Engineers since its inception in 1987. The institute is approved by All India Council for Technical Education of India and offers Diploma Engineering Programs in Five Branches namely Civil Engineering, Computer Engineering, Electrical Engineering, Mechanical Engineering and Mining Engineering.

Vision

Produce competent diploma engineers to serve industry and society.

Missions

1. Impart technical knowledge and skills through dynamic learning environment.
2. Mobilize institute resources for co-curricular and extra-curricular activities.
3. Create strong institute-industry linkages to enhance students' employability and entrepreneurship.

Principal's Message

The COVID-19 pandemic has changed the way of learning. The shift from the offline classroom to online classroom has impacted the education field worldwide. However, the Online Education has created new opportunities beyond the capacity of traditional classroom teaching. Reopening of educational institutions in offline education in the beginning of 2021 and sudden outbreak of second wave of COVID-19 once again moved all towards online education. Let's hope that this pandemic ends soon and life gets back to normal. At Government Polytechnic Bhuj, the beginning of new semester brings new aura among students and faculty members. Students are energetic to explore new possibilities of online learning and faculty members continuously thrive to contribute their best. One of the greatest lessons this COVID-19 has taught us is "Learning never stops".



- R. J. Hathi

Civil Engineering Department

Activities by Department

Webinars

- 1) Faculty members of Civil Engineering Department and 55 students of Final semester attended webinar on **CONSTRUCTION QUALITY MANAGEMENT** by Dr. R. P. Rethaliya, Prof. BBIT, V.V. Nagar on 06.01.2021 arranged by HJD Institute, Kera. [Subject CQCM, CPM]
- 2) A webinar on **ENGINEERING AND HARETAGE STRUCTURES** By Dr. Arun Menon, IIT, Madras on 09.01.2021,organised by Ultratech Cement Ltd. [Subject MRS], attended by faculties and approximately 30 Students.
- 3) A Webinar on “**ROLE OF A TEACHER IN IMPLEMENTATION OF NATIONAL EDUCATION POLICY-2020**” was jointly organised by NITI Aayog, IQAC - Gujarat technological University & Bharatiya Shikshan Mandal on 19.02.2021. It was attended by 3 faculties members of the department.



- 4) A Webinar on ‘**Case study on Roads and Buildings construction in Rann of Kutch, Gujarat – meeting Durability challenges at Design, Construction and Maintenance Phases**’ by Er. Pradeep Garg, CPWD, organised by Ultratech Cement Ltd. On 11.03.2021 was attended by Sem. 6 Students and faculty members. [Subject: MRS]

5) On 6th March,2021, an awareness webinar was organized by National Board of Accreditation and Education Department, Government of Gujarat, on topic ‘**Outcome-based Education and Accreditation for Engineering Colleges and Private Universities of Gujarat**’ was attended by 3 Staff members.

- 6) On 11.06.2021, GTU organized a webinar on ‘**Fire Safety Awareness**’. It was attended by Civil Faculties and students of Semester-5 through Google Meet and Facebook live event.

Civil Engineering Department

Activities by Department

Virtual Site Visits



1) In March-2021, there was Virtual site visit by online Video demonstration of **Demolition Work of Old ST Bus Stand of Bhuj** for semester-6 students for subject Maintenance and Rehabilitation of Structures. (Subject Incharge- N. V. Thaker)

2) In April-2021, there was Case Study by online demonstration of **Jacketing work of Bridge at Bhuj** for semester-6 students for subject Maintenance and Rehabilitation of Structures. (Subject Incharge- N. V. Thaker)



Staff Farewell

On 29.06.2021, Civil Engineering Department arranged **Tree Plantation** function in the ground of Civil department on the occasion of retirement of Mr. N. B. Antani, Instructor, Civil Department. On 30.06.2021, **Shri Nitinbhai B. Antani**, Instructor Grade-C (Civil), retired from his post due to age. The institute wished him for Healthy and Joyful retired life. In the farewell function, All Heads of Department, GTU Co-ordinator, former Lecturer Mr. A. A. Khatri, All the Class-3, 4 staff members were present to wish him Good retirement life.

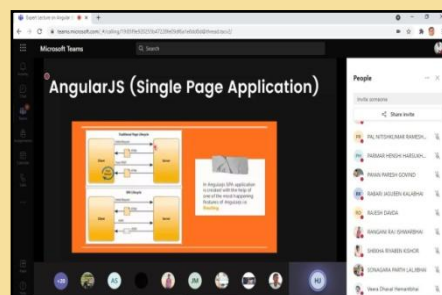


Computer Engineering Department

Activities by Department

Expert session on AngularJS

Computer Department, Government Polytechnic, Bhuj organized an expert session on AngularJS on 13/05/2021 via online platform. Mr. Hemraj Jethva, Developer at Tatvasoft has delivered an expert session on Angular JS. He informed students about numerous opportunities and a good understanding of the angularJS in the real industrial world. He explained how AngularJS is a JavaScript-based open-source front-end web framework mainly maintained by Google and by a community of individuals and corporations to address many of the challenges encountered in developing single-page applications. Due to Covid-19 pandemic, session was organized in online mode using Microsoft teams and total 72 students have attended this session.



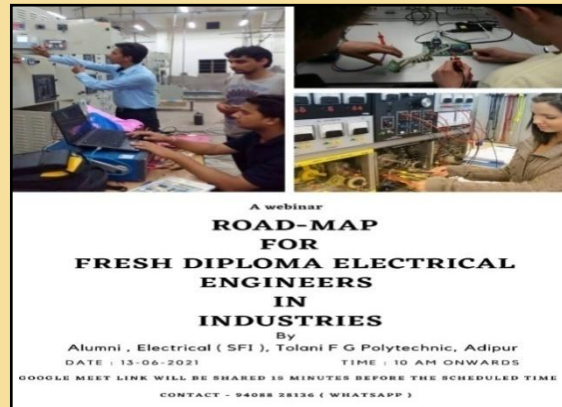
Electrical Engineering Department

Activities by Department

Expert Lectures & Webinars

Expert lectures /webinars were arranged for Fourth and Sixth semester students of electrical department during 22nd to 25th March 2021

Sr.	Topic	Expert of the Session	Date and Time	Co-Ordinator
1	Selection and Testing of LV Switchgear	Asst.Prof. Jay A. Patel CGPIT (UKA TARSADIYA University, Bardoli)	22-03-2021 11:30 to 12:30	Mr. Nirav J. Patel Mr. Harshad N. Lad
2	Basic of Power protective system	Asst.Prof. Jay A. Patel CGPIT (UKA TARSADIYA University, Bardoli)	23-03-2021 11:30 to 12:30	Mr. Nirav J. Patel Ms. Roopa Vyas
3	Preparation of schematic diagrams and Estimation of cost of Wiring for Tenements, Row houses, bungalows, Flats, Multistoried Buildings	Asst. Prof. Pratik D. Solanki, R.N.G. Patel Institute of Technology-Bardoli)	25-03-2021 11:00 to 12:00	Mr. Nirav J. Patel Mr. Ajit Yadav



40 Students and 3 Faculties of the Electrical Engineering Department attended a webinar on 'ROAD-MAP FOR FRESH DIPLOMA ELECTRICAL ENGINEERS IN INDUSTRIES' organized by the Department of Electrical Engineering (SFI), TFG Polytechnic, Adipur, on 13th June 2021. It was coordinated by Mr. Manmeet U. Vadher, Lecturer in Electrical Engineering Department, Government Polytechnic, Bhuj.

Virtual Site Visit

Electrical Engineering Department of Government Polytechnic, Bhuj, organized virtual industrial visit of **220 KV Sub Station** for 6th and 4th semester students on 26th March, 2021. It was coordinated by Mr. Nirav J. Patel, Mr. M. K.Raval and Mrs. S. P.Jaradi, Lecturers in Electrical Engineering Department, Government Polytechnic, Bhuj. Fifty students took benefit from the program.

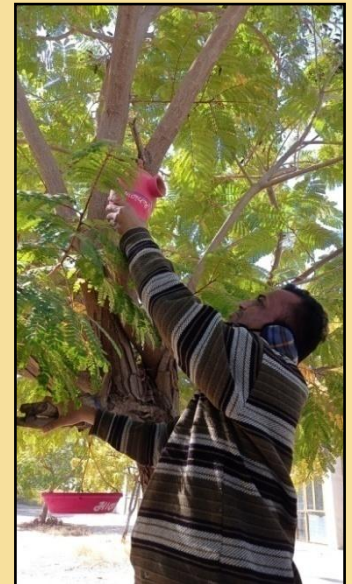


Mechanical Engineering Department

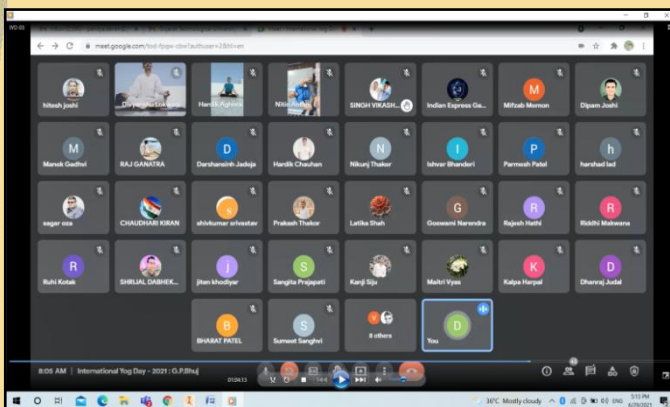
Activities by Department



World Sparrow Day is celebrated on March 20 every year. It is a day to raise awareness and protect the common house sparrows, which are not so commonly seen now due to many reasons. It is an international initiative by the Nature Forever Society of India in collaboration with the Eco-Sys Action Foundation (France) and numerous other national and international organizations across the world. Working on the same vision, Department of Mechanical Engineering, GP Bhuj has taken initiative to celebrate the day. Faculty members raised fund and purchased 50 sparrow house and 10 feeders and they were hanged on various trees in the department and outside area.



Government Polytechnic Bhuj has successfully celebrated **7th International Day of Yoga** virtually. This day was celebrated as per the yoga protocol issued by the Ministry of AYUSH and the Ministry of Education. Considering the situation of COVID 19 pandemic. The celebration was conducted for three days which includes Two days online training session and one day final



session to perform Yoga. Online session was conducted via Google Meet and e-certificates for participation were issued to all online participants. Entire activity was jointly coordinated by Mr. Divyanshu B. Lokwani, Lecturer in Mechanical Engineering Department and Mr. Deven D. Pandya, In charge HOD, Mechanical Engineering Department under the guidance of Mr. R. J. Hathi, Principal, Government Polytechnic Bhuj.

Placement

Department of Mechanical Engineering is happy to announce that our **20 students were placed in Krishna Maruti Limited (KML - Seating Division)** company for the position of Operating Engineer Trainee (OET). Campus drive was held on 09th March, 2021. The flagship company of



Krishna Group, KML towards meeting all seating requirements of any automotive company including Seating Systems, Head Rest Assemblies, Arm Rest Assemblies, Seat Trims (Covers), Injection Molded Door Trims etc. The company is situate Hansalpur(Bechraji), Ta.: Mandal, Dist.: Ahmedabad, Gujarat.

Mechanical Engineering Department

Expert Lectures & Webinars

A series on expert talk was conducted by Department of Mechanical Engineering, GP Bhuj for final and pre-final year students of Mechanical Engineering in a collaboration with S.P.B.Patel Engineering College, Saffrony Institute of Technology Campus; Linch-Mahesanaduring the second week of January, 2021. Mr. Valji M. Gadhavi, Departmental TPO has taken an initiative and work hard for arranging such a wonderful expert series for benefiting the students.



1st Talk on “**Quality Management**” was delivered by Prof. Kamlesh Samadhiya, Section Head- Automobile Engg. Dept. on date 11-01-2021. The lecture was organized by Mr. Jigneshkumar C. Makani and Mr. Mayurkumar M. Rana, Lecturer in Mechanical Engineering Department.

2nd Talk on “**Advanced Manufacturing Processes**” was delivered by Prof. Sandip Chaudhary, Asst. Prof.- Mechanical Engg. Dept. on date 11-01-2021. The lecture was organized by Mr. Navneetkumar K. Prajapati and Mr. Dhanraj P. Judal, Lecturer in Mechanical Engineering Department.

3rd Talk on “**Recent Advancements in CAD/CAM**” was delivered by Prof. Kunalsinh Kathia, Asst. Prof.- Mechanical Engg. Dept. on date 12-01-2021. The lecture was organized by Mr. Deven D. Pandya, I/C Head and Mr. Dipeshkumar M. Chauhan, Lecturer in Mechanical Engineering Department.

4th Talk on “**Welding Processes**” was delivered by Prof. Chandresh Patel, Asst. Prof.- Mechanical Engg. Dept. on date 13-01-2021. The lecture was organized by Mr. Virenkumar D. Patel and Mr. Hardik D. Tank, Lecturer in Mechanical Engineering Department.

An Expert lecture on “**Robotics Applications & Its Futuristic Trends**” was delivered by Dr. Yashvant D. Patel, Associate Professor & Head, Mechanical Engineering Dept., A D Patel Institute of Technology-Anand on date 21-05-2021. The lecture was organized by Mr. Dineshkumar L. Suthar and Mr. Dipeshkumar M. Chauhan, Lecturer in Mechanical Engineering Department.

Staff Farewell

Mr. Dharmendra T. Chothani working as Lab Assistant retired from Mechanical Engineering Department, GP Bhuj as a Lab Assistant on 30th April, 2021. He has served for 31 years and 11 months as a Lab Assistant. His selfless service and kind nature made him popular among his colleagues. Let us wish him for healthy and prosperous retirement life ahead.



Mr. Yogeshkumar P. Mali, an Instructor in Mechanical Engineering Department, left the institute on 17th of May, 2021 and joined ONGC, Ahmedabad as a Mechanical Technician. He has served for Three years and seven month. We wish him a great career ahead



General Department

Activities by Department

General Department of Government Polytechnic, Bhuj celebrated **World Environment Day** on 5th June, 2021. A Tree plantation drive was carried out and many environment friendly trees such as Gulmohar, Neem, Peepal, Karen, Karanj, etc. were planted in the various grounds of the institute.



Department Achievements

General Department is happy to announce that **Mr. Dipam J. Joshi**, Lecturer in English, was awarded the degree of **Ph.D. in Humanities- English Branch** for his thesis entitled "A Diasporic Study of Selected Works of Jhumpa Lahiri and Chitra Banerjee Divakaruni" on 10th of May, 2021 by Gujarat Technological University, Ahmedabad. His research guide was Dr. Seema R. Gida, Associate Professor in Late M. J. Kundaliya Arts and Commerce Mahila College, Rajkot. **Now General Department has three faculties possessing Ph.D. degrees.** Dr. Dipam Joshi and Dr. Maitri Vyas possess Ph.D. in Humanities – English and Dr. H. D. Patel holds Ph.D. in Mathematics.



Dr. Hiren D. Patel, Lecturer in Mathematics, was selected as a translator for SWAYAM online courses by AICTE on 31/03/2021. He successfully translated a set of assigned lectures of the course entitled "Engineering Mechanics" into Gujarati language along with making audio version of the same.



Ms. Niketa Joshi, Lecturer in Physics, published her paper entitled - "Probing Fano resonance, relaxor ferro electricity, light scattering by orbital exchange-bond, orbitons by Raman spectroscopy, and their correlation with dielectric properties of pure and Fe³⁺ – Substituted calcium-copper-titanate" in an international journal Vibrational Spectroscopy in January 2021. She translated question papers of "Mental Ability" designed by AICTE in Gujarati language under AICTE Scheme for the purpose of ASLAP (AICTE Students Learning Assessment Project).



Faculty Corner

Faculty members of Government Polytechnic, Bhuj continuously strive to update themselves with latest trends, technology, research and co-curricular activities.

Mr. Ajit Yadav, Lecturer in Electrical Engineering, Government Polytechnic, Bhuj, published his review of the JCB Prize for Literature-winning book, Moustache on his blog. Moustache is a translation of the Malayalam book Meesha by S. Hareesh. [Here is the link](#) to the review.



Mr. Virenkumar D. Patel, Lecturer in Mechanical Engineering Department, GP Bhuj has been invited as an Expert for “Final Year Virtual Project Fair – 2020-21” organized by Department of Mechanical Engineering, GEC Bhuj. The project fair was conducted on 08 and 9th of April, 2021 through Google meet platform. Around 18 projects were demonstrated.

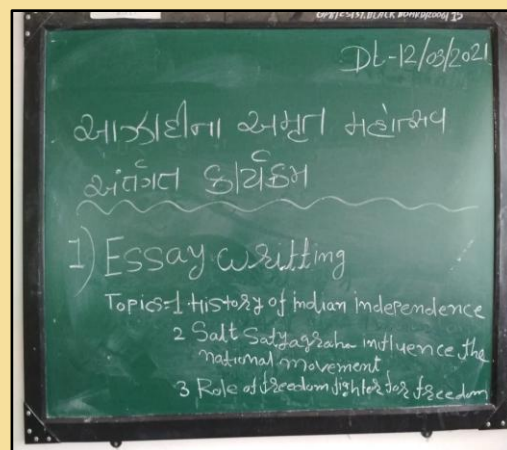
Mr. Divyanshu B. Lokwani, Lecturer in Mechanical Engineering Department, GP Bhuj participated in the selection process of Gujarat state Civil Service Games for 100 m and 400 m running. We are happy to announce that he secured the 1st position in both the events and he was selected to represent Gujarat Secretariat Team for All India Civil Services Athletic Tournaments organized in Bhopal, MP India for the year 2020-21.



Student Corner

Students of Electrical Engineering Department celebrated India's 75 years of Independence- **Azadi ka Amrut Mahotsav** by arranging an essay competition on 12/03/2021 and premiering a documentary film on salt Satyagraha influence the national movement on 20/03/2021. Seven

students participated in the essay competition. Forty-eight students watched the documentary.



The CREATIVE CORNER

Milan Mansukhbhai Pankhania from 5th Semester – Electrical Engineering Department wrote a poem in Gujarati revealing his experience about native place Porbandar and study place Kutch.

મનમાં અવિરત કાઠિયાવાડ રમે છે,
આ કચ્છતો મારા દિલમાં વસે છે,
ઘણા પુછે છે તને આ કચ્છ કેમ આટલું ગમે છે?
મેં કિધું આવીને જો આ કચ્છી લોકો અનામી ને નામચીન, પારકાને પોતાના કરી દે છે.
પાછા ભલે ભલે કહી તારી બધી દુઃખ ભરી દાસ્તાન ભુલવી દે છે,
એટલે આ કચ્છ મને ગમે છે.
મારી સવાર કાઠિયાવાડની યાદો સાથે ઉગે છે,
પણ બપોર અને સાંજ ફરી મને આ કચ્છનો કરી મુકી છે.
એટલે મને આ કચ્છ ગમે છે
ભલે હું ઘરથી અને મારી વ્હાલી મા થી દુર છું છતાં પણ,
આ ચેહરા પર ક્યારેય નિરાશા નથી કેમ કે મને એટલા જ ધ્યાનથી સંભાળનારી
મારી 'મા' આશાપુરા છે જે મારાથી દુર નથી
પોરબંદરની ચોપાટીની જેમ હાશકારો મને અહીં પણ થાય છે,
જ્યારે મિલનનું મન માંડવી બીચ જાય છે
ખાનપાનની દ્રષ્ટી એ મનમોહક અને મનભાવક દાબેલી મને રોજ મોહે છે,
સાથે સાથે માટું મન કચ્છી ખીચડીને પણ ચાહે છે,
એટલે મને આ કચ્છ ગમે છે.
શું છે ની બદલે કુરો હે,
કેમ છે ની બદલે કિહે બોલતો થઈ ગયો
ત્યારે લાગે આ કાઠિયાવાડી જીવડો કચ્છનો થઈ ગયો.
કચ્છ અને કચ્છના લોકોનું હૃદય બંને વિશાળ છે,
જેને હું કદાચ મારા શબ્દોમાં વર્ણવી પણ ન શકું,
બસ એક નાની એવી શબ્દઝંખી કરાવતો કાઠિયાવાડી માડું.



લી. મિલન પાણખાણીયા

(પોરબંદર)

146210309081(5thsem)

Institute Toppers (CGPA Wise)

Diploma Semester - 5 - Regular (April - 2021) GTU Result						
Sr.	Branch	Enrollment no	Name of Student	CPI	CGPA	SPI
1	Computer	186210307065	NURUN NISHA	9.25	9.76	9.5
2	Mining	186210322022	RATHOD VIJAYSINH RAMSINH	9.07	9.75	9.68
3	Electrical	186210309110	TRIVEDI ISHAN NARESHKUMAR	9.4	9.58	9.31
4	Computer	186210307506	HATHI DEV RAJESHBHAI	9.22	9.58	9.77
5	Civil	186210306115	VARYA Aaftab Abdullatif	9.03	9.42	9.55
6	Civil	186210306029	Dudiya shruti nipul	9.31	9.39	9.12
7	Computer	186210307034	JAYPAL DHIREN NAVIN	8.87	9.35	9.47
8	Civil	186210306119	VEKARIYA ARPITA MULJI	8.87	9.31	9.36
9	Mining	186210322031	VIRANI DENIL RAMNIKBHAI	8.86	9.1	9.59
10	Civil	186210306109	SUTHAR PRITESH ISHWARLAL	8.69	9.1	9.33

NCC Unit



88 students of GP Bhuj are taking NCC training in current academic year. **NCC Camp** was organized by 5 GUJARAT NAVAL UNIT NCC at Kera during 13/03/2021 to 16/03/2021 to inculcate good qualities in cadets. In this camp 38 students have participated and took part in various activities like expert lectures, physical training, boat rigging, knot rigging, blood donation, cultural and sports events.



A campaign named **EkMainSauKeLiye** is run by DGNCC under which cadets have come forward to meet their social obligations towards the society they live in. Cadets have been working to connect over mobiles with relatives and friends of old age homes and spread awareness about COVID 19 and cadets have prepared a hundreds of greeting cards for **Kargil Warriors** to thank them for their indomitable spirit. This event is also become popular on digital platforms like twitter and DGNCC Digital forum with #EkMainSauKeLiye.

SSIP

Three students of **Computer Engineering Department**: (1) **Kamya Rojivadiya** (186210307041), (2) **Chhatrapalsinh Zala** (186210307017) and (3) **Parth Dhaduk** (186210307022) applied for SSIP grant for their project **Magical Mirror** and got approval in **March 2021**. A total amount of **Rs. 11200/-** in three instalments has been reimbursed by the institute.



The objective of the project is to design construction & working of the smart/magical mirror. We can interact with it psychologically to find out how we look & how our attire is.

Magical Mirror is one of the applications of Raspberry Pi. A computer screen embedded in mirror looks very futuristic.

Basically, the mirror is looks like normal mirror but, when someone stand in front of it, the scene changes. The mirror provides a functional; user friendly & interactive ways to users for accessing their social sites, messengers etc.

Their project guide for this project was **Ms. Latika Lalitkumar Shah**, Lecturer in Computer Engineering Department.

Finishing School

The Education Department of Government of Gujarat has taken the initiatives of introducing the **Finishing School** concept for pre final and final year students of government colleges and this initiative has been implemented by Knowledge Consortium of Gujarat (KCG). The objective of the Finishing School Program is to enhance the employability skill of the students who are academically good, but lack in basic communication and life skills, which is the prime basic need of the industries for getting job.

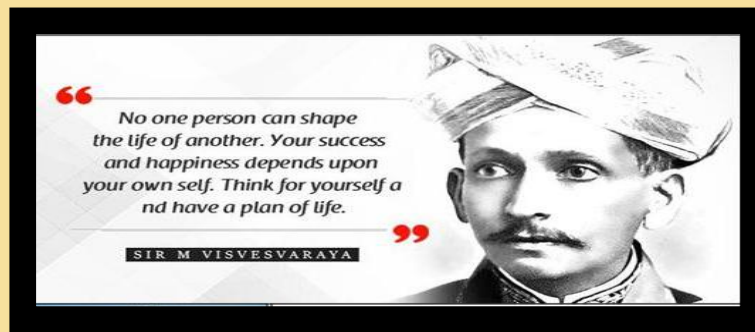
In Government Polytechnic, Bhuj, Finishing School program on **“Life & Employability Skills”** was organized during 12th March, 2021 to 24th March, 2021. A total number of 49 students of the college joined this training. **Mr. Siraj Bloch** from Rajkot was appointed as trainer for this training by KCG. This training was coordinated by Finishing School Coordinator **Mr. S. G. Srivastav**, HoD, Mining Department and his team members. The students joyfully learnt various life and employability skills which will guide them to have bright and successful career.



Polytechnic Adhyapak Mandal (PAM) – Local Unit

Activities

- In April-2021, total 72 PAM members renewed their Membership for year 2021-22.
- Central PAM launched a new scheme called “PAM Samvedana” to financially support family members on death of any PAM Member. From January-2021 to June-2021, there were 6 incidences, in which PAM Samvedana fund was collected and sent to family members of deceased PAM Members through Central PAM. Total Amount of Rs. 1,24,151/- was donated by G. P. Bhuj PAM members for the same.
- Members of Local PAM participated in **Tweeter Drive** for demanding **Old Pension Scheme** in place of New Pension Scheme, on 30.06.2021
- **Mr. N. L. Sompura** of Account Section, G. P. Bhuj was felicitated by Local PAM Unit for his noble and selfless devotion in timely process of Arrears bills and LTC bills of staff members.



Newsletter Committee

BRANCH	ENROLLMENT NO	NAME OF STUDENT
COMPUTER	186210307033	JANI PALAK AKSHAYBHAI
MINING	186210322002	RATHOD VIJAYSINH RAMSINH
ELECTRICAL	186210309110	TRIVEDI ISHAN NARESHKUMAR
MECHANICAL	186210319019	CHANDAN DEVAM DHARMESH
CIVIL	186210306068	PALA MEET RAJENDRABHAI



Guided by

Dipam J. Joshi, Lecturer, General Department
Nikunj V. Thakar, HoD, Civil Department

