

GOVERNMENT POLYTECHNIC JAMNAGAR

SANGEETI

Quarterly Newsletter Volume 2 Issue 1,1<sup>st</sup> May 2020



### **From the Desk of principal**

Proud to head the institute, this is more than thirty two years old and consistently providing quality education in Diploma Engineering programs. Along with the focused technical teaching, the institute is vibrant in co-curricular and extra-curricular activities; which bring out real hidden potential within the student. The highlights of all such activities are presented in this second issue of “Sangeeti”, news letter of Government Polytechnic, Jamnagar.

## BOOT CAMP

One day Boot Camp was organized by electrical department as on 15<sup>th</sup> February 2020 and 31 students from NVN School participated.

### **About the Boot Camp:**

The main aim of boot camp under SSIP is to encourage school students to think creatively leading to start-ups. Boot camp will create awareness among students to think out of the box and enhance their ideas and creativity. It will also involve hands on practice of electrical circuits and components along with automation.



## Industrial Visit

Mechanical department has organized industrial visit for 4<sup>th</sup> sem mechanical at Geeta Machine Tools Pvt. Ltd. As on 15<sup>th</sup> February 2020.





## मातृभाषा दिवस ઉજવણી અહેવાલ

આજ રોજ તા. ૨૧/૦૨/૨૦૨૦ ના એક ભારત શ્રેષ્ઠ ભારત યોજના અંતર્ગત, સરકારી પોલીટેકનીક જામનગર ખાતે માતૃભાષા દિવસ ની ઉજવણી કરવામા આવેલ હતી. જેમાં વિદ્યાર્થીઓ ને છત્તીસગઢ તેમજ ગુજરાત ની માતૃભાષા વિશે વીગતવાર સમજ આપવામાં આવેલ હતી. આ કાર્યક્રમ માં વિદ્યાર્થીઓ એ બહોળા પ્રમાણ માં ભાગ લીધેલ હતો અને કાર્યક્રમ ને રસપુર્વક માણ્યો હતો.



## Book Pradarshan

As a part of Matrabhasha divash celebrate, as on 20/2/2020. We have to arrange Display of books in Matrabhasha for 1st semester students. We will bring some Gujarati books from library. Interested staff members can bring good Gujarati books for display; it will be returned tomorrow itself.



## Seminar on HIV Prevention

We have arranged one seminar for girls and ladies faculties, so all are requested to send all hostel girls and other girls to attend the same. topic : HIV prevention

Date : 3 March 2020

Venue : girls hostel

Time : 3.30 to 4.30 PM

**Workshop on Refrigeration & Air conditioning by GISET (Gujarat  
Institute of Solar Engineering & Technology)**

**Date:**4<sup>th</sup> March 2020 to 6<sup>th</sup> March 2020

**Total Nos.** of participant: Final year 90 students

**Aim:** - to aware the students from practical knowledge about refrigeration and air-condition (R & AC).

**About GISET:**

GISET(Gujarat Institute of Solar Engineering and Technology) is a top ranked institute of solar engineering and technology in India and a part of Ecoepicsolar Training Division which is affiliated by National Development Agency - Gov't of India. We given the large employment generation potential of solar in India and to overcome the skill gap as per the survey we trained and placed 10 million unemployed skill youth in renewable energy sector, a significant proportion of the Indian workforce would need to be trained with the necessary skills to support the solar market. Renewable energy is one of the targeted sectors, As India faces rising in fuel demand, threats to energy security, and the impacts of climate change, Solar energy offers Innovative clean energy solutions, including large solar parks and rooftop solar panels in dense urban areas, can help solve these daunting challenges, while increasing energy access, creating jobs, and reducing toxic pollution all over the world.

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**Further Information:**

With the help of govt initiative to provide practical based learning to technical wing candidates, Giset starts FREE OF COST two days workshop training to MECHANICAL wing students on AC & REFRIGERATION working mechanism and method of working principal.

All the necessary equipment for practical training and for demonstration will be carry by our institute. Daily 6 hour training will be provided by GOVT certified trainer only. After two days workshop training assessment will be made by GOVT and the candidates who will clear assessment will get SKILL ADD ON certificate from GOVT OF INDIA. Also candidates will get following benefits.

- 1) Candidates will get 500 scholarship for being a participate in this workshop.
- 2) Training will be govt approve and will schedule as per govt guideline.
- 3) Only GOVT certified and approve trainer will provide training.
- 4) After completing assessment candidates will get govt approve skill add on certificates.

- 5) Candidates get loan on these certificates to start his own business on MUNDRA scheme.
- 6) Certificates is valid to get GOVT contract as well as PRIVATE contract in this field.
- 7) Certificates is valid to work in abroad on work permit.

To get a benefit of above workshop training program college need to prepare minimum 50 and maximum 300 candidates batch with following necessary documents of each student.

***Details of training: -***

In modern world, refrigeration and ac are commonly used human comfort appliances. Everyone is familiar with the function of ac and refrigeration. As a mechanical engineer we should have the practical knowledge about refrigeration and air conditioning. So, the workshop on refrigeration and air conditioning (R & AC) was arranged by our collage and training center of Gujarat institute of solar engineering and technology (GASET) for us.

The workshop is on 3rd and 4th march of 2020at our collage and center of GASET.The training is free of cost and around 70 students is participated in this training. For training, our instructor is Narendra sir, Jaydeep sir, Ashok sir.Firstof all, Ashok sir tell us about importance of this training, future scope as an R &AC technician, become a self-employed in this field. They also told about importance of this certificate for this given by skill Indiaprogram under the government of India. He also told us about history of renewable energy, potential and future project of government for renewable energy. He told that the two days are not to be enough to be an R &AC technician but the practice about this is makes you a R &AC technician, after this talks he announced that now Jaydeep sir will take a class. Jaydeep sir starts coaching about basic refrigeration and air conditioning cycle which is very important. They explain the cycle on board and



ask some question to student based on R&AC. they impressed because our basic knowledge is clear very well.

Then narendra sir tells us about compressor. They explain the winding arrangement and power supply path in compressor. then he told us about problems occurs in compressor and solution of them. They share some facts about particular company's compressor and problems of them. Then jayu sir, jaydeep sir and narendra sir shows us the tools for repair R&AC. They explain the function of each of the tools and show us how to use them practically. They also told us that how many tools should carried by a R&AC technician carry with him in his tool bag. Some of tools are flaring tools, swaging tools, charging line, piercing valve, compound gauge, Allen key, refrigerant cylinder, clip-ol meter, vacuum pump, etc. many other tools. They also share information about different types of refrigerant and properties of refrigerant. We also learned about refrigeration leak detection method. The students have many queries about R&AC they solve the query satisfactory. They also shared his experience with this field. They have about 17 years' experience in this field. And many other discussion was done between us on that day and a one day was ended with much of knowledge about R&AC.

On the 4th march we would learn about mounting of ac. They show us the component of ac which is required to mount. they explain about mounting of component of AC practically. They also told about required tools to mount the ac. On that day we discussed about location selection for munt ac, problems during mounting, safety precaution during mounting and repair, and servicing of ac during servicing time and then they told us about exam process of this training. There is two type of exam.1) online theoretical and practical MCQ type exam and 2) viva exam. They shared the previous exam question and give that us to solve the question. Also the student has discussed about their queries with sir and the second day is completed with more much of knowledge about R&AC.

On the 5th March we have assessment exam for this training. The invigilator comes from head branch and he is taking our exams. The invigilator

told us about start the exam and submits of the exam. The MCQ type test is done on app named 'ESSCI'. There is time of 50 min for each MCQ type exam. After completing the MCQ exam our viva exam was remaining which is also conducted that sir. They told that the student who is passed with this both exam only that student is get the certificate. The both exams are very easy every participated student is passed in both exams. After completing the exam, we are taking a group photo with all sir for memories. It was such a nice experience and we got the much of practical knowledge from this training.







## **GOVERNMENT POLYTECHNIC JAMNAGAR**

### ***REPORT OF TOILET MAINTANENCE AT LRUC AND WATER SHUMP MAINTANENCE FEB – 2020***

સરકારી પોલિટેકનીક જામનગર ના LRUC બિલ્ડીંગ ખાતે ભોયતળિયે તથા પ્રથમ માળે આવેલા ટોઇલેટ - બાથરૂમ - બ્લોકો માં પાણી ની પાઇપ સળી જવાથી તથા ગેડી ના ખરાબ શઈ જવાથી બિસ્માર હાલત માં હોય તેને જરૂરી સમારકામ કરવાની સૂચના સંસ્થા ના આચાર્ય શ્રી તરફ થી કેમ્પસ ડેવલોપમેન્ટ ઓફિસર શ્રી ડાભી સા. તથા શ્રી એસ. ડી. ચાડણીયા ને મળેલ. જે ઇંગે જરૂરી સર્વે પ્લમ્બિંગ - કડિયાઓ ની સલાહ લઈ ને આગળ ધપાવેલ અને જરૂરી તમામ કાગળો ની કાર્યવાહી કરી સંસ્થા ખાતે ની કોર મિટિંગ માં ઠરાવો પાસ કરી જરૂરી કામ સત્વરે કેમ્પસ ડેવેલોપમેન્ટ અથવા હેસ્ટેલ ડોમસ ફંડ જેમાં જરૂરી જણાય યોગ્ય નાણાકીય નિયમો અનુસાર કરવામાં આવેલ છે. આ કામ થયા બાદ ના ફોટાઓ નીચે મુજબ છે.





વધુમાં LRUC બ્લોક પાસે આવેલ પાણી ના શંપ અને ગર્લ્સ હોસ્ટેલ પાસે આવેલ પાણી ના શંપ ની અંદર જરૂરી વાલ્વ રિપેરિંગ તથા નવી કપલીન, નિપલ, વાલ્વ હેડ બદલવાનો તથા સમારકામ કરવાનું પણ જરૂરી હોય આ કરી સાથે જોડી દીધેલ અને પૂરું કરેલ છે. આ કામ થયા બાદ ના થોડા ફોટાઓ નીચે મુજબ છે.



આ સમગ્ર કામ થી LRUC ખાતે ના સ્ટાફમિત્રો તથા ઘણા જ વિદ્યાર્થી / વિદ્યાર્થિનીઓ ઓ ને પ્રાથમિક જરૂરી સગવડ પૂરી પડી છે. LRUC સંસ્થા ના હેલ્પ સેન્ટર આવેલ હોય અન્ય વાલીગણ ને પણ આ પાયાની સગવડ પૂરી પાડી શક્યા છીએ. આ કામ માં સંસ્થાના આચાર્ય શ્રી એ. કે. આલા સા. નો તથા અન્ય ઘણા સ્ટાફ મિત્રો એ દ્રશ્ય અદ્રશ્ય રીતે મદદ કરેલ છે તે બધા નો હું આભાર વ્યક્ત કરું છું. વધુમાં સંસ્થા ખાતે વિદ્યાર્થીહિત માં કાર્યરત એવા કેમ્પસ વિભાગ ના સિવિલ વિભાગ ના ઓફિસર અને જનરલ વિભાગ ના વ્યાખ્યાતા એસ. ડી. ચાડણીયા પણ ભવિષ્ય માં કોલેજ ખાતે વિદ્યાર્થીહિતે જરૂરી કાર્યો કરતાં રહે અને સંસ્થા ના આચાર્ય સા.શ્રી નું આવું જ માર્ગદર્શન મળતું રહે તેવી અભ્યર્થના સાથે પૂરું કરું છું. જય હિન્દ. જય ભારત.

## Smart Gujarat for New India Hackathon 2019-20:

Date:24<sup>th</sup>-25<sup>th</sup> February 2020

Total teams participate: 2

Hosted at: Atmiya University



# Counselling of Students for Diploma Engineering admission in Covid-19 Pandemic Situation

## Webinar

Title : Guidance of Diploma Admission Procedure  
Date and Time : 12<sup>th</sup> July, 2020, Sunday, 11.00 am  
Platform : Google Meet  
Patron : Shri A K Zala, Principal Govt. Poly. Jamnagar  
Co-Ordinator : Smt. V R Kotdavala  
Conducted By : Dr. V S Tejwani  
Shri S N Vegad  
Shri R J Dattani  
No of Participants : 89



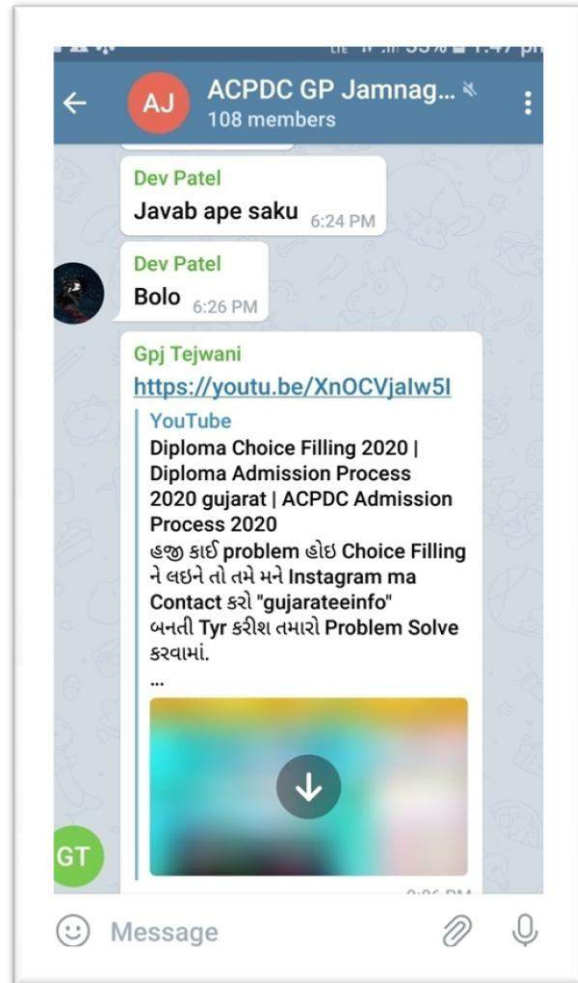


This year diploma admission process is quite different and complete process of diploma admission is online. Hence to guide students regarding admission process of Diploma Engineering Government Polytechnic Jamnagar organized a webinar as details above.

- Principal Shri A K Zala Sir inaugurate webinar by his valuable speech to future diploma engineers to design their better career.
- Dr. V S Tejawani, Shri R J Dattani & Shri S N Vegad delivered complete process of line admission in diploma engineering.
- Vote of thanks delivered by Smt V R Kotdawala, Head Electrical Department and gave valuable suggestions regarding stream selection.

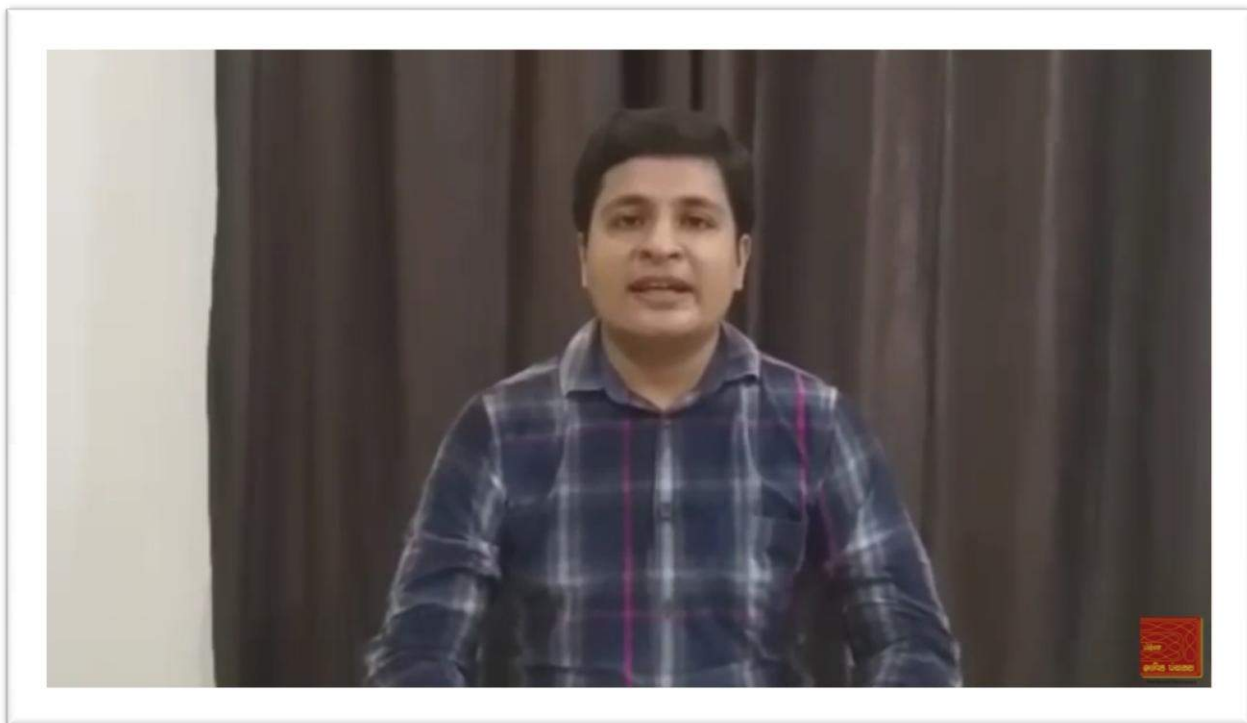
### **Telegram Group for Real Time of Counselling**

Title : Guidance of Diploma Admission Procedure  
Date : 12<sup>th</sup> July, 2020 to contd.  
Counsellors : Dr. V S Tejawani  
Shri S N Vegad  
Shri R J Dattani  
No of Participants : 125



ACPDC Counselling Cell of government Polytechnic, Jamnagar has created Telegram Group to guide and solve queries related to admission process of Diploma. All the queries regarding to Registration, Choice filling, and other matters are solved within minutes so that Parents/Students need not to come to polytechnic in Pandemic conditions for small matters.

Faculty members share useful video link and convey latest updates regarding diploma admission process through Telegram Groups to students and parents.



Shri R J Dattani sir prepared video (<https://youtu.be/CciaulDQaRQ>) regarding “**Why Diploma After 10<sup>th</sup>?**”

<p style="text-align: center;"><b>ONE DAY WORKSHOP ON</b> <b>“MOTOR CONTROL WIRING”</b></p>
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**TIME: - 11:30 AM TO 6:00 PM**

**DATE: - 18/01/2020**

**ABOUT WORKSHOP:**

In today's industry, automation is a very essential part. All machines are working automatically by some control operation. It is very useful for students to getting knowledge about some basic control operation and makes practice on it. The objective of the workshop is to deliver knowledge about different control wiring operations and make students ready for some industrial needs.

**OBJECTIVE OF THE WORKSHOP:**

- Need of control wiring
- Brief over-view of control devices.
- Basic control circuits.
- Forward-reverse control wiring of induction motor.
- Hands on practices of various starters control wiring and power wiring.
- Motor control from various locations.
- Different sequence operation of motors with safety.
- Trouble shooting and industrial applications.

The workshop is conducted at Siemens Centre of Excellence, By Electrical Department at Government Polytechnic, Jamnagar on 18th January 2020. A total of 30 nos. of students are attending the workshop. Workshop content delivered by Lecturer Faculty of Electrical Department Sh. R.J.Dattani Sir, Sh. J.L.Chandpa Sir and Sh. S.N.Vegad Sir.

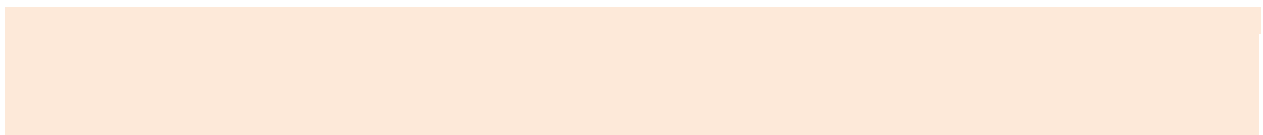








At the end of the workshop Principal A.K.Zala Sir, Head Of Electrical Department Smt. V.R.Kotdawala madam and COE in charge of Electrical department Sh. V.M.Thumar Sir. Give positive thoughts to students and encourage them for the future. Also, all students are appreciated by certification for the successful completion of the workshop.

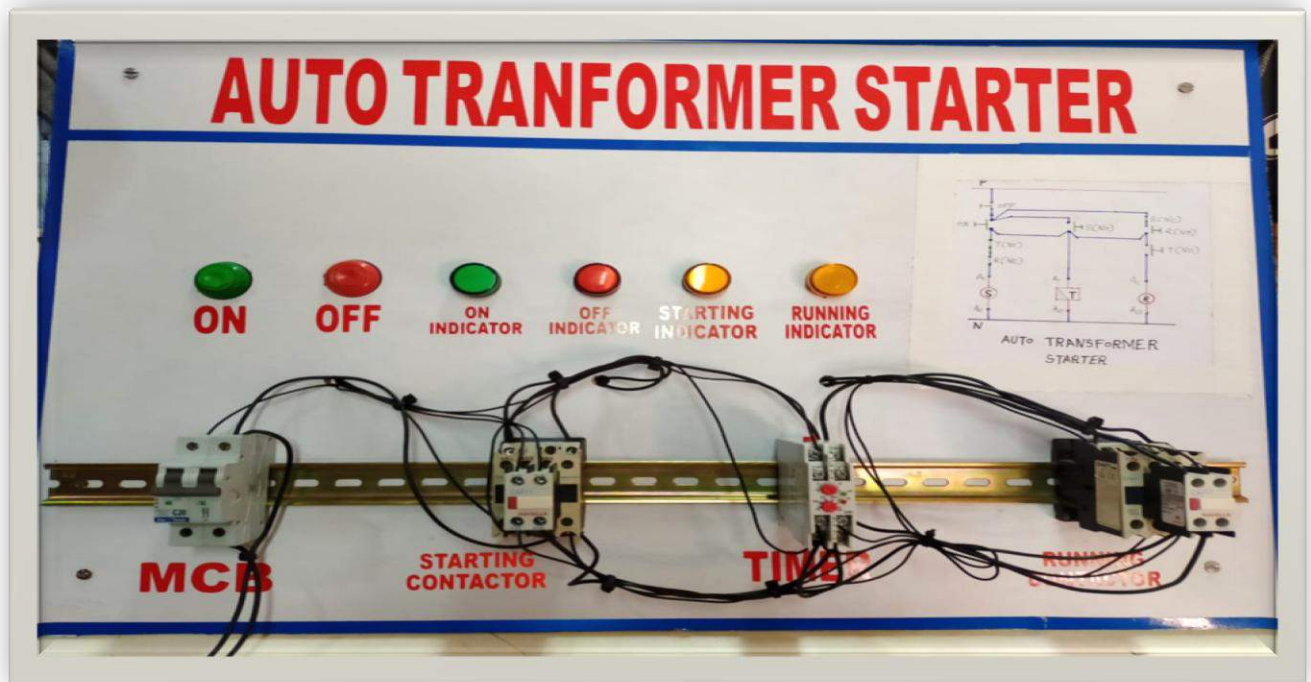


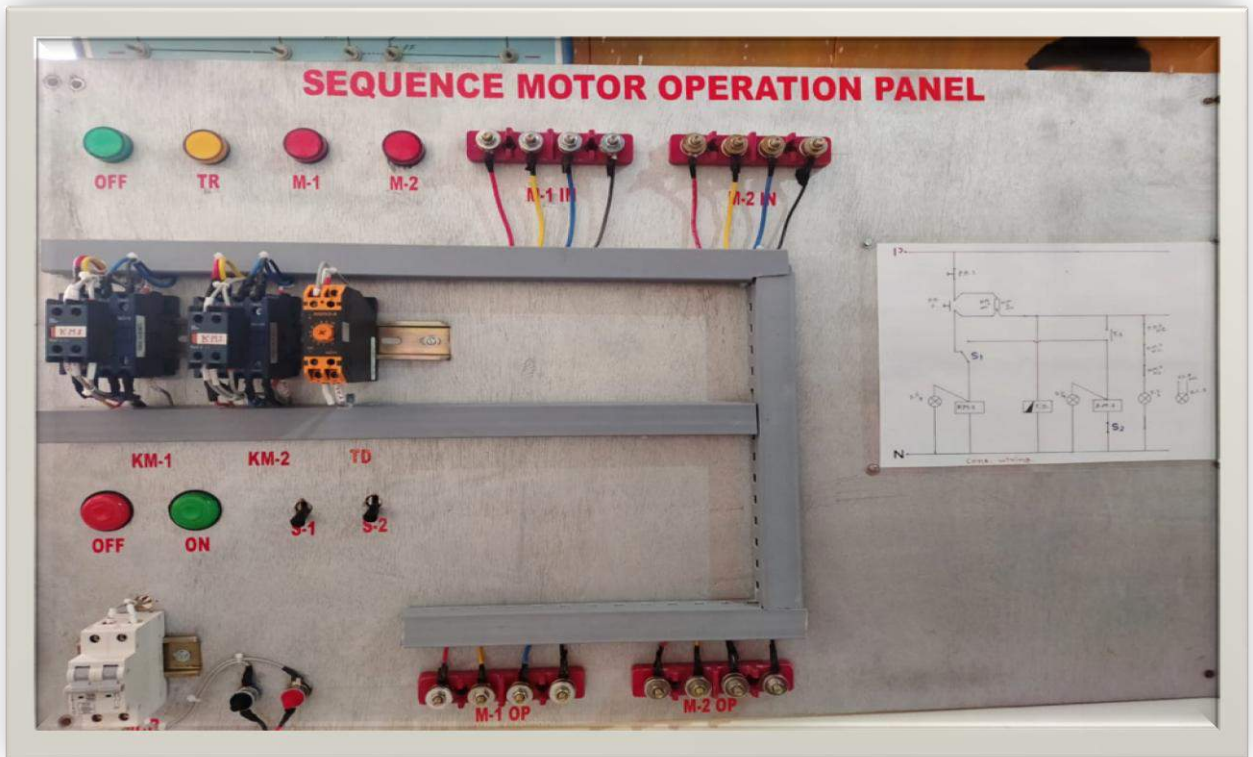


## POLYPHASE TRANSFORMER & AC ROTATING MACHINES PROJECT FAIR 2020

**TIME: - 3:30 PM TO 6:00 PM**

**DATE: - 11/02/2020** On 11/2/2020, Tuesday, Mr. R. J. Dattani and Mr. J. L. Chandpa of Electrical Engineering Department, G. P. Jamnagar organized Polyphase transformer and AC rotating machines (PTAC) Project fair for encouraging the potential of the Second year students. In this fair 128/ students of Electrical Department participated with 23 projects. Principal Shree A. K. Zala sir, HOD of Electrical Department Smt. V R Kotdawala madam, Shree V. V. Bhuva sir and Dr. V. S. Tejwani sir visited the fair and motivated the students. Projects like DOL Starter, Motor control from two locations, Automatic auto transformer starter, Forward reverse of induction motor, star delta starter etc. were prepared. Some of the glimpses of the project fair are given below.







After the project fair, prize distribution ceremony was also held to encourage the students. 1<sup>st</sup> prize holder were Parmar Mahesh and group with the project sequence operation of

motor. 2<sup>nd</sup> prize holder were Chudasama Tanvi and group and Dobariya Shrey and group with the project fully automatic star delta starter. and the 3<sup>rd</sup> prize holder were Chauhan Prashant and group and Bhardiya Kevin and group with the project semi automatic star delta starter. Some of the glimpses of the prize distribution ceremony of project fair are given below.



The entire faculties and HOD of Electrical Engineering department are thankful to Principal Shree A. K. Zala sir for providing such a great opportunity to students and adding value to their enthusiasm.

## **SSIP REPORT FROM 1<sup>ST</sup> FEBRUARY 2020 TO 30<sup>TH</sup> APRIL 2020**

Students startup innovation project (SSIP) is a government program to start up innovation projects from the students and develop new young scientist. Mostly every engineering stream have a subject name “project” which is more compatible to innovation of their field of interest. So in-order to generate such innovative ideas among students of Jamnagar district the SSIP cell is active under Government Polytechnic Jamnagar.

- **FROM 1<sup>ST</sup> FEBRUARY 2020 TO 30<sup>TH</sup> APRIL 2020.**

Title : One day boot camp on “BASICS OF ELECTRICAL, ELECTRONICS AND AUTOMATION”

Date and Time : 15-2-2020, Saturday from 10:30 to 17:00

Venue: Electrical COE laboratory (106), new building, Government Polytechnic Jamnagar.

Patron : Shri A K Zala, Principal Govt. Poly. Jamnagar

Co-Ordinator : Smt. V R Kotdavala

Conducted By : Dr. V S Tejwani  
Smt. M. M. Chavda  
Shree R. K. Borsaniya

No of Participants : 32 NVN School students, Jamnagar

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- On 15-2-2020, morning 11:00 AM HOD Electrical Smt. V. R. Kotdawala, Dr. V S Tejawani (Sr. lecturer), and Smt. M. M. Chavda lecturer in Electrical Department inaugurated the boot camp in the presence of Principal Shree A. K. Zala sir, Principal of NVN school Shree Radheshyam Pandey sir and their faculty Smt. Bharti Verma madam with the prayer

- Smt. M. M. Chavda (lecturer in Electrical Department) hosted the entire boot camp and she also introduced the other two trainers of the boot camp: Mr. Vishal Dineshbhai Trivedi and Shree Rajdeep K. Borsaniya. Mr. Vishal had further given a brief on Arduino to the students of NVN School. The Principal and madam from NVN School also wished the students good luck for attending the camp.
- There was a hands on training session of Arduino conducted by Shree RajdeepBorsaniya sir in which students practiced various basic programs of Arduino e.g. Blinking of LED. He also explained that Arduino is an open source electronic platform based on easy- to-use hardware and software. Arduino boards are able to read inputs - light on a sensor, a finger on a button or a Twitter message and turn it into an output – activating a motor, turning on an LED, publishing something online etc.

## Workshop on Design Thinking

Title	: Workshop on Design Thinking
Date and Time	: 13/03/2020, Friday from 11:30 AM to 1:30 PM
Venue	: Seminar hall, new building, Government Polytechnic Jamnagar.
Patron	: Shri A K Zala, Principal Govt. Poly. Jamnagar
Co-Ordinator	: Smt. V R Kotdavala
Conducted By	: Shree R. K. Borsaniya (Host) Smt. M. M. Chavda (Host) Mr. ParthSejpal (Asst. Prof. GTU, Regd. Indian Patent Agent) (Event Speaker)
No of Participants	: 119



- Prof. ParthSejpal conducted first session of the design thinking workshop with basic brainstorming of the students for getting them out of rational thinking process. He gave them various small problems to solve to promote their thinking process. He also explained various theoretical aspects of design thinking by PPT presentation to them.
- In the second session students were divided in 4 groups for solving a problem. All students were promoted to innovate their own process for problem solving and were not allowed to interact with other group so that their thinking process can be different from other groups. Later solutions of all of the groups were discussed and students were astonished to see the results were all right but approached different ways and methods to solve a single problem. In turn students learned that one problem can be solved by many ways. They just need to change their thinking methods. Also they learned to provide problem based solutions in their SSIP projects instead of just engineering projects so that its usefulness can be of higher value and it can convert to potential revenue generating product.



**Name of Event: Pool Campus**

Date: 3 to 6 January 2020

Name of Company: Adani Green Energy Ltd

**Introduction:**

Adani Green Energy Limited (AGEL) is one of the largest renewable companies in India, with a current project portfolio of 5,290 MW. AGEL is part of the Adani Group's promise to provide a better, cleaner and greener future for India. Driven by the Group's philosophy of 'Growth with Goodness', the Company develops, builds, owns, operates and maintains utility-scale grid-connected solar and wind farm projects. The electricity generated is supplied to central and state government entities and government-backed corporations.

Total 39 students appeared in written exam and 6 students are short listed for group discussion and 2 students were selected for the job.





**Name of Event: Campus to Corporate (C to C)**

Resume Writing:

Date:10/01/2020

**Introduction:**

Report Writers work in a variety of industries and produce reports after carefully analyzing data. A well-written resume sample for Report Writer should mention duties like checking databases, collecting data from clients, writing data reports, using specialized software, testing applications, analyzing statistics, presenting their findings to other professionals, and delivering presentations to explain results. Those interested in a Report Writer career should mention in their resumes job assets like excellent writing skills, analytical thinking, attention to details, problem solving skills, computer competences, and time management.

**Objective of Session:**

- Aware about resume
- In order to cater more student placement ‘
- Improving writing skill.

Glimpse of Programme: Programme was conducted by D B Harsora



**Name of Event: Guest lecture**

Date: 17/01/2020

Name of Guest Lecturer: MrJaydeep Pala (Alumini student of GP Jamnagar)

**Introduction:**

Under campus to corporate programme MrJaydeep Pala was invited to take lecture of final year and share the industrial experience to the students.



**Expert lecture by MrBipinBoghara,OM Institute of Technology, Junagadh**

Date:29/01/2020

He had invited to share experience of solid works among the students for final year mechanical.



**Name of Event: Jamnagar Tech Fest**

Date: 3 to 6 January 2020

Place: GIDC Plot No 90, Phase II, Dared, Jamnagar

**Introduction:**

Jamnagar Tech-Fest dedicates itself in offering a comprehensive range of industry products. The event strives to offer complete information about the recent inventions made in the industry manufacturing sector. The exhibitors get an opportunity to learn about new and beneficial tactics of marketing.

Industry Exhibition & Jamnagar Tech-Fest is a most famous event for all those professionals who are associated with industry. The events, held by GIDC Plot & Shed Holders Association (Dared) & Sunline Infotech are to showcase the latest products, service, and trends in this industry.

**Objective of Visit:**

- In order to increase industry institute partnership
- In order to cater more student placement ‘
- Exposure to the students towards industrial equipments.

Glimpse of Tech Fest:









## Fitness Certification Process

Workshop machineries required fitness certificate, hence members from geeta machine tools were came and give the fitness certificate.



**VASANT P. BHADRA**  
B.E. (Mech.) M.I.E

**CHARTERED ENGINEER**  
REG. No. 112725/4 Dt. 05-11-1996  
**REGISTERED VALUER OF MACHINERY PLANT**  
REG. No. WEALTH TAX No. CAT VI-248-1973

"URVI"  
7 - Kamdar Colony,  
Jamnagar - 361 006  
Phone : (R) 0288-2713117(O) 2750601/03  
Mobile : 98242 14384  
E-mail : vp\_bhadra@rediffmail.com

**CERTIFICATE OF MACHINE FITNESS**

This is to certify that following installed machinery are verified and found satisfactory to demonstrate various operations to manufacture educational job by students.

Sr.No	Machine Name	Machine No.	Status
1	Shaper	GPJ/WS/D10.2/SMM	Fit
2	Automatic Lathe	GPJ/WS/D19-1/SSAL	Fit

I have personally visited to the **Workshop of Government Polytechnic Jamnagar** on 7<sup>th</sup> January 2019 and above tabulated machineries are installed and working satisfactorily.

**Name of Client:** Mechanical Engineering Department  
(Government Polytechnic Jamnagar)

**Address:** At. Bedi Post, Valsura Road, Jamnagar

The fitness test took place at: **Welding Shop, Workshop**

**Date:** 07.01.2019

  
**VASANT P. BHADRA**  
B. E. (MECH) MIE  
Chartered Engineer  
No. M/112725/4 Dt. 5-11-96  
7, Kamdar Colony, Jamnagar

## Maintenance work in WORKSHOP

By interdisciplinary team work heavy duty radial drill machine was repaired which is located at workshop, procurement of material & mechanical maintenance was done by project group of mechanical students and control wiring was done by electrical students under guidance of faculty of electrical department, Workshop superintendent M D Naraniya sir specially thanks to Ravi Dattani Sir, Vegad Sir, Chanpa Sir, Dabhi Sir and Gujaratibhai for their valuable efforts and special contribution to make a radial drill into working condition.



