



Govt. of Gujarat  
Institute

Government Polytechnic, Rajkot  
Governed by Commissionerate of Technical Education, Govt. of Gujarat

# Newsletter

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## From The Desk of Principal



Being a largest polytechnic in the region of Saurashtra, we have huge responsibility to be disbursed at the service of students, industries and community as a whole. The faculty of any institute is a big strength which can transform the academic scenario of the institute. Government Polytechnic staff is capable of this miracle. What is needed here is cohesive style of working together to achieve set objectives. I wish to cater my students best of the available in the field of technology of their subject by keeping my teaching force active and advanced. Maximum placement of students to industries can only be achieved if we create engineers according to the need and expectation of the people who are going to absorb the job aspirants. I am also firmly believing that overall progress of students in all dimensions is the need of

time and hence it is very much necessary in parallel to develop student's communication skills, behavioural aspect and presentation abilities. I am working in the direction of offering many such activities which can help in upbringing the level of students in all dimensions of knowledge, skills and attitudes.

Wherever some grey corners are there I am constantly working to make it brighter by positive ways of correction. Once students arrive at this institute they are the asset of this college and I am looking after for all needed to let them flourish over here. The parents should also take care that their child is not seated at home or moving around instead of attending classes, which can be great help to us to make all students in class and laboratories during the college time.

Technology is updating with very high speed and it is not an easy task to keep pace with it. If we wish to build stronger India, we have to create stronger skillful engineers. Our motto is to make such kind of technicians who can build the tomorrow's India. I would like to thank honorable commissioner of technical education, Gujarat for all support.

Thanks to all for your support

*Dr. P. P. Kotak, Principal*

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## **I N S T I T U T E   A C T I V I T I E S**

### **Interview Tips : Do's and Don't's**

With the blessings of institute principal Dr.P.P.Kotak and under his guidance Training & placement Department of Government Polytechnic –Rajkot has organised an Awareness programme on subject “Preparing for interview” for students of final year Diploma Engineering. It has been observed that the students are bit weak in facing interview due to their poor communication skills as well as lack of awareness about the process of interview. Purpose of this programme is to make them aware about all advance preparation to be done as well as expected questions . Behavioural part is very important at the time of facing interview. Thus to be good in behaviour it is necessary to mold their personaity and make it pleasant. Arranging such programme in semester-5 is helpful to them in getting time to improve their overall personality. Dr.D.H.Ahir – Senior faculty member from EC-Department of this institute and Associate Dean of Gujarat Technological University for zone-4 has designed whole program and delivered to students being a resource person of this event. He has divided whole program in 5 –steps . Around 250 students have participated in the programme and they have found this event very much useful in building their career in coming days. Very interactive way he has guided all students taking almost 3-00 hours in delivery of all five steps in detail.



### **Active Participation from all :**

#### **Student says at feedback “It's Never before kind of experience**



All students from the various departments have shown tremendous excitement by their presence at this programme on “Preparing for Interview”. At the time of feedback they have described whole event as “Never before kind of experience”

### **Learning at site on Chain,Tape & Compass : An innovative initiative of Civil Engineering Gurus**

Students of 3rd Semester Civil, Govt Polytechnic, Rajkot did a field work based on chain, tape & compass survey on 27th July, 2016. The site was at Gove Quarters located behind old Dharam Talkies. About 123 students of 3rd Sem Civil were accompanied by 5 staff members of Civil Dept named Mr M G Purohit, Mr J A Doshi, Mr J H Morabiya, Mr S M Tilala & Mr K D Gagalani did the field work.





The project is a part of syllabus for the subject, Surveying. The project was aimed at giving practical experience of the concept of a closed traverse survey. The survey was carried out using following instruments. Prismatic Compass- For taking bearings of survey lines .Chain- For measuring length of survey line & chainage of offset points.Tape- For taking offsets.Ranging rods- For ranging the survey line. Arrows, pegs, etc

## **HOD'S ARTICLES :TIPS TO NEW STUDENTS**

**A.D.SWAMINARAYAN**

First of all I congratulate all First year students for Getting admission at this Institute. I understand that



Some time is required to settle at new city and new environment. But I assure you at the same time that without any hurdle you will settled down soon within a week or two. Have support from your HODs/ Teachers as well as your senior students for all your problems you are facing as these problems are new for you but same are not new for them. Purchase books according to instructions from your subject teachers and start attending classes without fail. Well begun is half done.

## **TPO UTTERS**



**MISTAKE IS A FIRST STEP TO TOWARD LEARNING & FAILURE IS BEGINNING OF SUCCESS. : N.R.SUCHAK ,TPO**

Academic term is the most important time of any academic institute. Lot of interaction between students and teachers is taking place during this time. Thus every students should take it as an opportunity to learn. Prepare the set of questions in your minds and ask to your concern teachers to solve it. It shall be very difficult once you left that week in which the question is arised in your mind. It is always good practice to solve questions at the moment they arise. The real students must have habit to ask questions. Curiosity among students to know more can lead them towards a better and concrete learner . Never get afraid of mistake or failure. As mistake is the first step to learn and failure is always a beginning to success.

## **70<sup>TH</sup> INDEPENDENCE DAY**

### **MAKING INDEPENDENCE IN IT'S TRUE SENSE BY MAKING OUR COUNTRY - THE GREAT INDIA**



At the celebration ceremony on 15th August 2016 , institute staff and students have been gathered for celebration for paying honor towards the great country India. The institute principal took salute from the security head and started ceremony. National flag of our great country India was unfurled by the hand of senior teacher retiring from the services Prof.A.K.Patel and all have given salute to the great Indian tricolor with the sweet singing of national anthem in chorus. The Principal Dr.P.P.Kotak said in address to keep the campus clean and productive. He said in his speech



Prof.D.G.trivedi anchored whole program of flag histing ceremony. He in his speech described an importance of independence by explaining the hypothetical situation where if you don't have independence what difficulties and frustrations one can have in life. It is the independence which helps in making our life the way we wish to have. All dispersed than by having wish to one another and sharing sweets.

## Globe to be more GREENER

### District level Tree Plantation:Vanmahotsav

@ GP-Rajkot



This is to share our joy that we could successfully organize and celebrate a District Level Van-Mahotsav on 5th August, 2016 at the lap of G.P.Rajkot campus. Approximately 600 plants we sowed in about two acres of land which will prove a commendable initiative towards 'Green Gujarat' and 'Greener India'. It is indeed a matter of pride for us that Forest Department of Rajkot selected our campus for such a big program and noble cause. Among the dignitaries remained present were Dr Vikarant Paney (District Collector Rajkot), Dr Jaiman Upadhyay (Mayor, Rajkot Municipal Corporation), Shri K.V.Tikadar (Chief Conservator of Forest Department), Shri P.Purushothama (Deputy Conservator of Forest Department), Dr A.S.Pandya (Principal, AVPTI), Principal of B.K.Mody Pharmacy College and Dr Vallabhkhair Kathiriya (Chairman, Gauseva and Gaurakshak Board, Gujarat State).



A plant is given away to all dignitaries on dais honoring them. Each one has appreciated this initiative.

Head of Departments Shri.P.V.Raijada, Shri.S.J.Chauhan, Shri.Axay D. Swaminarayan, Shri.P.R.Mehta, Shri.R.L.Patel, Shri. A.R.Sindhav, Shri.M.S.Trivedi and Associate Dean of GTU Zone-4 Dr.D.H.Ahir witnessed success of event under the auspicious chairmanship of Dr Vallabhkhair Kathiriya. Many faculties and students remained present in the said program and were made aware of the need of catering the Earth through tree-plantation. As a host, Warm Welcome was offered by Dr P.P.Kotak, the Principal of the college and successive occasional speeches were delivered by some of the above-mentioned dignitaries. During his speech institute principal appealed to come forward for saving our planet. He said to join hand for making our Globe greener and greener by more and more plantation and care there after of all plantation.

The whole team of faculties, under the able guidance of Sindhav Sir and Purohit Sir, resulted into a grand success. Dr S.B.Chhag, Shri H.C.Jakhariya, Shri N.A.Ranpara, Shri D.D.Trivedi, Shri J.N.Rathod and many others were among the chief contributors because of whom the function achieved grandeur in true sense. The



Principal Dr.Paresh Kotak addressing the invitees, students and the farmers participating in the District level Van-Mahotsav at Institute.



Dr.Raviraj Raval anchoring whole event



## **SURAKSHA SETU : CROSS THE HURDLES FEARLESSLY : DR. SMITA**

Safety Is the prime concern for Girls of these institute. How to get the feeling of safety and what can be done in case of requirement of help ? How to make them self- defensive ? Solution is there with the Senior faculty member of General Department Dr.Smita Chhag. She is constantly working with her teammates and giving programs in collaboration with the local police. The “hall Bol” event is recently broadcasted via Bisag for the girl students at this institute .



## **DEPARTMENT ACTIVITIES &**

## **MESSAGES : For STUDENTS**

### **WATER RESOURCES :**

#### **VISIT TO TREATMENT PLANT**

Under the guidance of Head of Department Civil Engineering and Teachers visit of student was conducted to Water Treatment Plant. Some of the snaps are here reflecting this event. Principal Dr.P.P.Kotak has congratulated department staff for this initiative. Shri.B.G. Budhhdev , Shri.M.G.Purohit along with the guidance of department head Shri.P.R.Mehta this visit is successfully done.



### **SHRI.P.V.RAIJADA :**

#### **HOD- APPLIED MECHANIC**

We are coming across all branch Students of this institute. I would Like to draw attention of students Towards maximum utilization of library resources during the time apart from their classes and labs. Referring additional learning resources is always strengthening the understanding and enhancing confidence in engineering of developing solutions.



#### **BEST WISHES FROM :**

**SHRI.R.L.PATEL –HOD, ELECT.**

**SHRI.P.R.MEHTA – HOD,CIVIL**

**SHRI.V.N.KAILA –HOD.MET.**

## **MORE WAYS TO MAKE OUR CAMPUS CLEANER : DR.KOTAK**

### **LET'S START FROM OUR COLLEGE**



Cleanliness should be inherent , It should be something without having it , we should not be comfortable. The students can take the lead and can do it by some extra care.

- Make use of dust-bin
- Look at the space around & keep it clean
- Do not throw waste papers around
- Teach elders to keep the space around clean
- Convert cleanliness initiative to mega movement

### **UFM?? WHAT IT IS?**

#### **STUDENTS PLEASE TAKE A MINUTE TO READ THIS .....**



UFM- નુ આખુ નામ છે “Un-fair mean “ પરિક્ષા દરમ્યાન કોઈક ગેરરીતી સબબ જો વિદ્યાર્થી દોષી ઠરે તો બની શકે છે કે તેના નામે એક UFM નો કેસ નોંધાય. આવું ન બને એટલા માટે આટલું જરૂરથી યાદ રાખો .

૧) ક્યારેય પરિક્ષા-કક્ષમા મોબાઇલ સાથે ન લઇ જશો. બંધ મોબાઇલ સાથે હોવો પણ UFM બનશે .

૨) પરિક્ષા-કક્ષમા કોઈપણ પ્રકારની વિષયને લગતી ચીઠ્ઠી -ચબરખી કે પૂસ્તક ન લઇ જશો.અન્યની જવાબવહીમાથી નકલ ન કરશો.

૩) પરિક્ષા-કક્ષમા અન્ય કોઈક પાસેથી રબ્બર -પેંસીલ એવું ન માંગો . પરિક્ષા ના સુપરવાઇઝર કે અન્ય અધિકારી સિવાય પરિક્ષા-કક્ષમા કોઈની સાથે વાત કરવી એ પણ UFM બને છે.

૪) જવાબવહી પર કોઈ પણ જગ્યાએ જ્યા કીધેલું નથી ત્યા કોઈ પણ પ્રકારનું અનાવશ્યક લખાણ ના લખશો કે ન કોઈ નિશાની કરશો , જો એમ કરશો તો તે UFM Case નું કારણ બની જશે.

૫) પરિક્ષા-કક્ષમા બેસો ત્યારે આપની આસપાસ કોઈ ચીઠ્ઠી -ચબરખી કે કાગળ જણાય તો સુપરવાઇઝર ને બોલાવી આપી દેજો. પરિક્ષા દરમ્યાન એવું કંઈ પણ જણાશે આપની આજુબાજુ તો તે આપનું નથી એ પૂરવાર કરવું અઘરું બનશે. આપ સૌ નિયમિત રીતે તમારા શિક્ષકોના માર્ગદર્શન હેઠળ વર્ગોમા અભ્યાસ કરો આવતીકાલે આપના માટે કારકિર્દીની વિશાળ તકો લઇને આવશે. અને હા એટલું અચૂક યાદ રાખજો કે તમે UFM થી દૂર રહેશો અને તમારા મિત્રોને પણ એ ન કરવા કહેજો.

આચાર્ય શ્રી - સરકારી પોલીટેકનીક , રાજકોટ

## FOR OUR DEAR STUDENTS :

**SHRI.S.J.CHAUHAN**

### HOD- EC

Regular learning and by attending classes, labs one can easily deal with the so called tough & complex subjects. It is the guidance of teacher which is making subject easier and easier.



I have observed that those students who are regular in attending classes and laboratories are performing very well without having much burden at the time of examinations. Teachers are preparing study materials, they are showing videos, they do demonstration by models too. All such techniques help in better understanding the concept. I appeal all the students of this institute and specifically of EC –Department not to miss the labs and classes. It is required to as a precondition to have minimum 75% presence for being eligible to appear at exam. I wish all good ahead in your life to all the students of institute.

## AN INSTITUTE AUDITORIUM

### PLACE TO MEET : PLACE TO GROW

REPORT BY SHRI.M.G.PUROHIT



With the initiatives from the office of Honorable commissioner, Technical Education – Gujarat institute has obtained a fully air-conditioned auditorium with seating capacity of 288. Quality sound system with wireless microphones and good quality furniture for dias is really attractive. All these facilities are created for students of this institute. I appeal to all students and teachers of this institute to come forward and plan various activities to have the growth of students in all the three domains as knowledge, skills and attitudes.

## GTU COORDINATORS SHARES THEIR ENRICHED EXPERIENCE

**SHRI.B.P.RAVAL & SHRI.K.R.VADALIYA**

This institute is the Largest in the region of saurashtra having intake of 1260. To have smooth conduction of examination is a great



challenge which is faced successfully till now by the institute senior faculty members and key force in conducting end semester examinations Shri.B.P.Raval & Shri.K.R.Vadaliya. Having a long cherished experience in the field they are conveying message to students.

### GTU EXAM ACTIVITIES & PERFORMANCE

GTU conducts Theory & Practical exams during May/June ( Summer exam ) and Nov/Dec ( Winter Exam ) every year for almost 50/55 days. These exams are conducted under prevailing rules and guidelines provided by GTU.

#### GTU Summer Exam: 7-5-2016 to 17-6-2016

Students appeared	Total exam blocks	Total Sessions
4791	746	55
Finally Pass Out Result :77.34% (Rank =64 / 120)		

## KNOW YOUR TEACHER

### SHRI. M.S.TRIVEDI

Shri.M.S.Trivedi is a senior faculty member of Institute. He is a person having longest service period at Government Polytechnic –Raikot at this time. He is the member of Grievance redressal committee, Boy's hostel committee and is looking after workshop of the Institute as superintendent of Workshop. In addition he is greatly contributing in account section.



## DEVELOPING DESIRABLE

### ATTITUDES AMONG STUDENTS :

On auspicious day of Gurupurnima i.e. 20<sup>th</sup> July 2016 EC department has organized expert lecture on developing desirable attitudes and interpersonal skills among students. Shri.S.J.Chauhan HOD-EC inaugurated session and Dr.D.H.Ahir has presented session as resource person.

## Workshop: For Women Empowerment

**SPEAKER -SRI.SHAILESH SAGAPRIYA**

**ASST. DIRECTOR - SPIPA**



Under the leadership of convener –Suraksha Setu Cell of Government Polytechnic-Rajkot Dr.Smita Chhag a workshop for empowerment of women is completed at this institute on 6<sup>th</sup> September 2016. Shri.Shailesh Sagpariya -a known orator , author and Assistant Director of SPIPA –Regional Training Centre , Rajkot was invited as a speaker.



In his motivational speech addressing audience , he addressed effectively about this topic with tens of examples. “ What is needed to empower self is firstly setting goal , secondly following the journey to achieve goal and finally doing tireless work without being biased of gender “-He said. Ms.Kajal, Lecturer from chemical department anchored this event.

Dr.P.P.Kotak welcomed the guest by presenting flower to Shri.Sagapriya . The institute principal in his speech narrated about the need of such programs and forthcoming activities.



Shri.P.V.Raijada , Head of Applied Mechanics department along with , Shri.A.D.Swaminarayan HOD-Chemical , Shri.M.G.Purohit from Civil Dept. and Dr.D.H.Ahir , Asso Dean –GTU remained present at the occasion and motivated students.

**SHRI.A.R.SINDHAV , HOD-General**

### **SECURED IN THE SAFE HAND**

Being an an In Charge of institute security Shri.S.R.Sindhav is looking after the punctuality of the security persons at different points. Along with principal he is deciding crucial point locations for deploying security person. He as a HOD –General department interacting with all students of institute and is better knowing whereabouts of every students. He played crucial role in arranging “District Vanmahotsav.

**SMT.JAYASHREE SRINIVASAN**

**HOD- INFORMATION TECHNOLOGY**

### **MESSAGE TO STUDENTS :**

#### **BETTER TO WEAR OUT THAN TO RUST OUT**

I would like to address my dear students that the Mantra for a successful life is to always be an eager learner as a student. Keeping acquiring knowledge is good but at the same time it is necessary to develop Skills based on knowledge. with the combination of knowledge and hands on skills you can achieve Success easily by hard work. It is better to wear out rather than to rust out.Be a flowing river and not a stagnant pool. Put in your best in whatever you do. Wishing you all a great career





**INSTITUTE PRIDE**  
**PRIDE OF CHEMICAL DEPARTMENT**  
**GTU CONFERRED GOLD MEDAL**  
**TO SHRI.PIYUSH GADHIYA**

The young faculty member of Chemical engineering dept. is conferred GOLD MEDAL at fifth Convocation of GTU. It is a moment of pride for the institute.



As a student of Master of Engineering Branch he obtained first rank in the whole University. Department of Technical Education Gujarat is motivating their technical teachers to upgrade their qualification by allowing them to join further study. As a part of this initiative of Commissionerate of Technical education many teachers obtained their PG and PhD. Shri Piyush Gadhiya is one of them who have secured first rank and begged GOLD MEDAL from GTU. Institute Principal and HOD-Chemical have appreciated his success.

**CONGRATULATIONS! PLACEMENT**  
**TEAM FOR BOOSTING PLACEMENT UP**

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Mr.N.R.Suchak	TPO	Elect.
Dr.D.H.Ahir	Convener	E.C.

**CONGRATULATIONS FOR BEING**  
**PART OF JURY AT NATIONAL**  
**LEVEL SCIENCE FAIR**  
**ORGANISED BY K.G.DHOLAKIYA**  
**SCHOOL -RAJKOT**



National Level Science fair for the school going students organized at Rajkot. The senior faculty member of this institute had interacted with students as Jury Member.

Shri. Akshay D.Swaminarayan, heading chemical engineering department of this institute has rendered services as a JURY MEMBER of the national level event organized at one of the prominent schools of Rajkot in the month of January 2016. It is a good initiative in the direction of liaison with community and also an opportunity to interact with school students.

**S.R.SONIGRA - ALVCOM**  
**TEACHER- PROUD OF MECH. DEPT.**

Shri. S. R. Sonigra from Mechanical Engineering Department of this college had delivered series of Video lectures via BISAG Under ALVCOM project Of GTU. He has extended his boundaries of giving Knowledge to students from the GP - Rajkot to all rest of the institutes across the state of Gujarat. Institute is feeling proud of him for using technology and virtual learning for the day to day classroom teaching to students.



**INDUSTRIES : HUNTING STUDENTS**  
**AT GP,RAJKOT**

**421 STUDENTS INTERVIEWED**

ESSAR, L & T, RELIANCE TATA CHEMICALS, BEACON JMB GROUP, EUREKA FORBES KESHAV INFOTECH, GEMMCO, WIPRO, ORBIT BEARINGS, RATNAMANI METALS, SKILL PRECISION, ADANI SOLAR ETC. HAVE VISITED GP-RAJKOT THIS YEAR



## INSTITUTE PRIDE



**Dr.D.H Ahir** , Senir Lecturer of EC Department & Associate Dean of Faculty of Engineering – GTU delivered fifth One day Induction training program , conducted by GTU during holidays in the area of Active , Interactive & effective teaching for the faculty from across the Gujarat. In this series of ITPs he has successfully trained around 2500 junior teachers in the field of pedagogy and effective teaching. He has trained the students of this institute too in the area of preparing for Interview.

## ISTE-STTP ORGANISED AT THE PREMISES OF GP,RAJKOT

Training is a continuous process for updating knowledge of the existing faculty members to keep them in pace with the rapidly changing technology. Government Polytechnic , Rajkot has took initiative and prepared proposal for imparting training for all teachers of Government as well as Self- finance institutes. The honorable commissioner technical education department has sanctioned this training programme for 40 participants which is organized under the flag of ISTE-New delhi by ISTE Rajkot Chapter. Dr.P.P.Kotak , Principal of this institute has supported for required logistics as well as infrastructure needs. Shri.A.M.Patel , a senior faculty Member of Electrical Departments has organized this programme successfully as a coordinator. All participants have observed this training as very much useful experience to them in support of extending their knowhow vertically.



At the inauguration program Pujaya Swami Shri sarwasthananda –Ram Krishna ashram remained present and all faculty members felt blessed by his inspirational speech. He thrown light on andragogy & Heutagogy in addition to pedagogical needs. Dr.P.P.Kotak welcomed all as a head of institute and addresses teachers to learn with focused mind during training tenure at the institute. He assured all their comfort during their stay at the institute. Dr.G.J.Vala Principal –Government Engineering College , Rajkot , Dr.A.S.Pandya , Principal ,A.V.Parekh technical Institute also remained present at the inaugural ceremony of this short term training programme.

## TAKE A LOOK

## STUDENT'S GALLERY



Field Visit of Students



Pre-placement Seminar



Industrial Visit





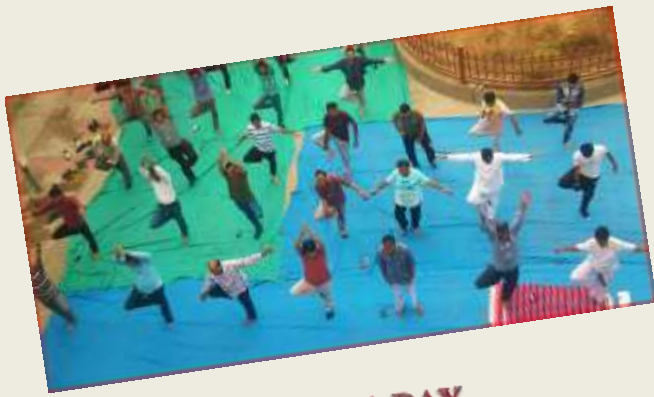


*Student Counselling*



*Van Mahotsav*





**YOGA DAY**



**INDEPENDENCE DAY**



**Women Empowerment**