



FemBit



Summer 2018 - A Newsletter by Department Of Computer Engineering
Government Polytechnic for Girls , Ahmedabad

About Institute & Department



Institute Vision

To carve a brighter prospect for the nation through excellence in technical education for fostering skills, ethical values and environmental consciousness among girls while undertaking existing and forthcoming challenges.



Department Vision

To instill technical skills among students through excellence in education and develop them as computer professionals for forthcoming challenges with moral values, environmental and societal consciousness.



Institute Mission

1. To nurture technical and creative skills through quality education
2. To strengthen institute industries interaction
3. To impart real life problem solving skills.
4. To promote care for sustainability of environment and social responsibility



Department Mission

1. To impart quality education for developing technical skills.
2. To create awareness on emerging trends and technologies.
3. To cultivate a sense of social responsibility with ethical and strong moral values.

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Computer Faculties



Under the leadership of

Shri R.M. Shaikh

Team Members

Ms. J.J. Karagthala

Ms. J.D. Trivedi

Ms. D.S. Singh

Ms. A.I. Rangrej

Ms. N.R. Sheth

Ms. P.P. Patel

Ms. D.S. Baldev

Ms. S.G. Langhnoja

Ms. R.K. Pandya

Ms. V.R. Ratwani

Ms. K.D. Virani

Ms. Z.R. Shah

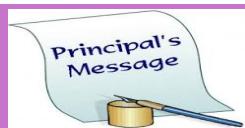
Ms. C.J. Vaghela

Mr. D.M. Gohil

Ms. K.R. Srivastava

Ms. P.R. Sharma





Message Desk....



Dr. Ushma Anerao

Principal

Government Polytechnic For Girls

“Technology will not replace great teachers but technology in the hands of great teachers can be transformational. “

- George Couros

Dear Readers,

Government Polytechnic for Girls started in 1964 with the aim to provide globally competent skilled girls technocrat in the field of Engineering as well as non technical areas like fashion designing. Initiating something new is always motto of institute.

It is my great pleasure for the initiation taken by almost all departments to publish departmental newsletter. A concept behind these newsletters is to disseminate knowledge, skill and information amongst all stake holders. Students, Faculty members and Industrialists related to all diploma branches that are functioning at this institute gets platform to share the upcoming technologies, events in the department and achievement of students and faculties by these newsletters. It is the synergetic approach to transit from better to the best.



Message Desk....

Dear Stakeholders,

Our department has commenced the newsletter “FemBit”. I am glad to publish Summer -2018 issue of our “FemBit”. This will provide platform for students as well as faculty members and other stake holders including computer industries and alumnae of this department to share their knowledge views and achievements.

I expect long terms support from Stake holders to take this newsletter long way. I would like to thanks all those directly or indirectly supported for our Newsletter.

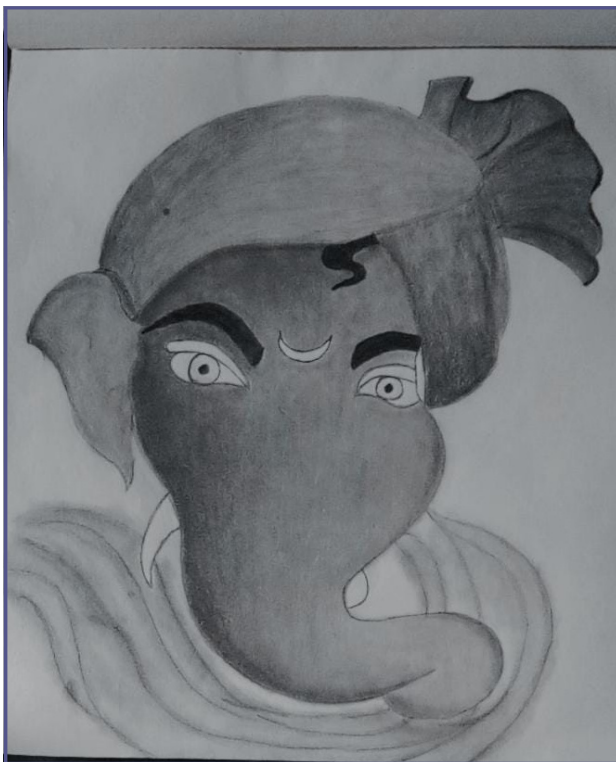
— Shri. R.M.Shaikh , HOD CE

About the Department

Our department offer undergraduate diploma program only for girls in Computer Engineering. We are affiliated with Gujarat Technological University (GTU) Ahmedabad. This undergraduate program prepare skills undergraduates for successful careers in computer engineering. Our curriculum mainly focused on both Hardware and Software courses. We focus on Outcome Base Education (OBE). Our department provide very good learning environment. Students acquire skills and knowledge through classrooms and laboratories. The department insures that students are motivated to acquire fundamental as well as advance knowledge in this continuously

Some salient features of the department

- ◆ Full strength of faculty.
- ◆ Experienced faculty.
- ◆ Majority of faculty is female.
- ◆ Maximum faculty are holding master's (MTech / M.E.)degree.
- ◆ Teachers as a mentor.
- ◆ Some value aided activities
- ◆ Expert lectures for Industry Interaction.
- ◆ Personality development and Soft skills training.
- ◆ Technical finishing school for professional skills development.



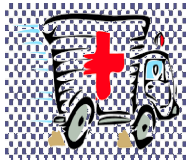
DHANANI VINCI
FIRST YEAR STUDENT



STUDENT INNOVATION

Project 1

Title of Project: **LOADLESSLABS**

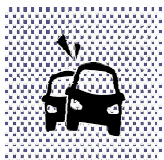


Abstract: Loadlesslabs as it's name suggests provides a virtual platform to take the entire manual term work online. While it's major concern circles around reducing the tedious task of students and encouraging them to invest there time in working on practicals, it combines of various features such as "copy paste denied", "online compiler", "upload and submit of practicals and assignments", "easy GUI" and "allocation of grades". More of sounding like a mere online assessment site, in reality it has much more to it and will bestow the education system with a new, easy, efficient as well as logical method of labs(aka load less labs!!).

-Shikha G. Chauhan , Sharan J. Chhugani ,Vishwa N. Shah

Project 2

Title of Project: **OFFCOM**



Abstract: Our project "OFFCOM" is, as the name suggests, based on the concept of offline communication. The project aims to provide free connectivity without using the internet. The project targets the people who are not able to use internet. They may be students or co-workers. Nowadays everyone has a Smartphone but not all of them have access to internet. People connected using it would be able to text each other without any kind of charges. Also they would be able to share files of larger size and at much faster rate than traditional methods like Bluetooth.

-Nandini B. Bhatti, Aayushi M. Chaudhari





Outstanding Students University Exam Winter 2017

1ST SEMESTER

SPI OUT OF 10

- CHOKSI NEER -9.72
- SHARMA TRIPTI-9.69
- PANDYA PRIYANSHI-9.41
- JETHWA JHANA VI-9.28
- VYAS NAMRATA-9.14

3RD SEMESTER

SPI OUT OF 10

- JHA SWETA-9.84
- SHARMA TRISHA-9.84
- BHAVSAR STUTI, MEHTA DARSHEE
- RUSHANGI SANGHAVI
- VYAS ASHEETI-9.41

5TH SEMESTER

SPI 10 OUT OF 10

- BHATTI NANDINI
- NOORSABA
- PATEL DEVANSHI PARAMJAY

SPI OUT OF 10

- SAUND SUMEETKAUR, SHAH SELVI -9.83
- JANI NIDHI -9.77
- PATEL YESHA -9.7

Trends in Technology



Cloud-based platforms are growing

The trend towards outsourcing the IT landscape to the cloud will continue in 2018. In order to use digital technologies such as Internet of Things (IoT), Artificial Intelligence or Augmented Reality more flexibly and scalably, the use of platform services from cloud providers is becoming increasingly necessary. In addition, more and more companies are sharing smart contracts, operational data and machine know-how in the cloud or meeting with suppliers in the cloud. Enterprise Resource Planning (ERP) tools are also increasingly finding their way into the cloud, as this enables companies to better control their processes and makes their daily work easier and more efficient. Industry 4.0 projects, data-supported business models and increased customer sensitivity also require a high level of data protection and data security. As experienced cloud providers today can guarantee a higher level of data security than is often feasible in companies, more and more IT managers are opting for a cloud-based platform. Companies such as Siemens with its Mindsphere Platform or Robert Bosch with its IoT platform point the way here. In the future, too, applications for the cloud will increasingly be created, containerized and orchestrated as "Cloud-native" apps.





Faculty Achievements

- Ms. N.R. Sheth attended training on Advance Java Programming (Spring MVC, Hibernate, JSF)
- Ms. P.P. Patel attended training on Fundamental and application of IOT, Big DATA and machine learning
- Ms. S.G. Laghnoja, Ms. D.S. Baldev and Ms. Z.R. Shah attended Induction Training Programme Phase I
- Ms. S.G. Laghnoja, Ms. D.S. Baldev, Ms. K.D. Virani and Ms. V.R. Ratwani at-



Student's Corner

I don't know how everyone finds it easy to dedicate words to their mother, because even combinations of infinite word loops won't be able to express my feelings for her♥
- Neer Choksi 🙏

CHOKSI NEER
FIRST YEAR STUDENT





Proposed Academic Calendar-Forthcoming Term

Activity	SEMESTER- 6 & 4		SEMESTER- 2	
	From	To	From	To
ACADEMIC				
Term Date	21/12/2017	21/04/2018	18/01/2018	16/05/2018
Teaching phase-1	21/12/2017	16/03/2018	18/01/2018	16/03/2018
Attendance review-1	15/03/2018	16/03/2018	15/03/2018	16/03/2018
Partial Term work Evaluation	05/03/2018	09/03/2018	26/03/2018	29/03/2018
Mid-Sem. Exam-1	19/3/2018	22/3/2018	19/3/2018	22/3/2018
Mid-Sem-1 Exam Result	30/03/2018	---	30/03/2018	---
Slow Learner Classes	ALL WORKING SATURDAY		ALL WORKING SATURDAY	
Teaching phase-2	25/03/2018	16/04/2018	25/03/2018	13/05/2018
Attendance review-2	16/04/2018	16/04/2018	13/05/2018	13/05/2018
Remedial Exam (Mid-sem)	17/04/2018	21/04/2018	16/04/2018	17/04/2018
Remedial Exam Result	23/04/2018	23/04/2018	21/04/2018	21/04/2018
FINAL Attendance review	13/04/2018		11/05/2018	
Final Term work Submission	17/04/2018	21/04/2018	14/05/2018	17/05/2018
Practical Exam. (Sem-2/4)	17/04/2018	21/04/2018	14/05/2018	17/05/2018
Practical Exam. (Sem-6)	As per GTU		---	
Co-Curricular Activities (Industrial Visit / Workshops / Seminars / Expert Lecture)	Expert Lecture : 1st week of March -2018 Techno Sarita-2018 : 2nd Week of April		Expert Lecture : 1st week of March-2018	
ACADEMIC REVIEW/FEEDBACK SCHEDULE				
Academic Review-1	15/03/2018	16/03/2018	15/03/2018	16/03/2018
Mid Sem Feedback of ALL Students on Faculty Performance	15/03/2018	16/03/2018	15/03/2018	16/03/2018
FINAL Academic Review	17/04/2018	21/04/2018	14/05/2018	17/05/2018
Feedback of Students on Faculty Performance	17/04/2018	21/04/2018	14/05/2018	17/05/2018
Course End (Sem-1/3) Exit Survey (Sem-5)	17/04/2018	21/04/2018	14/05/2018	17/05/2018





Activities Inside Campus



**Food Competition
ON
19/01/2018**



**International yoga day celebration
ON 21/6/2018**



**RAKHI DISTRIBUTION
ON 08/02/2018**



**PRL Tree Plantation
ON 08/02/2018**



 Project Exhibition Winners...

Rank 1
LoadLessLab



Rank 2
OFFCOM

Rank 3
AUTOMATIC
NUMBER PLATE
RECOGNISATION





FemBit

“FemBit” is published twice in a year by Department Of Computer Engineering - Government Polytechnic for Girls

Ahmedabad.

Contact for Queries and Suggestions

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Under

The Commissionerate Of Technical Education

Education Department

Government Of Gujarat

Affiliated with Gujarat Technological University

Ahmedabad

A Newsletter Of The Department Of Computer Engineering at The Government Polytechnic for Girls

Ahmedabad

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Government Polytechnic for Girls

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	Ms. P.P.Patel	Ms. D.S.Baldev	Mr. K.R. Srivastva
	Ms. R.K.Pandya	Ms. V.R. Ratwani	Ms. K.D.Virani
	Ms. Z.R.Shah	Ms. P. R. Sharma	Mr. D.M. Gohil

