

# **BULTCON**

## **Dreams of Construction**

### **OUR DEPARTMENT 'S...**

#### **VISION**

To develop dynamic learning environment in the field of civil engineering to congregate the professional skills and innovative needs of the society.

#### **MISSION**

- To impart quality technical education by dedicated faculty using innovative learning techniques.
- To bridge the gap between professionals and academic institute.
- To inculcate moral and ethical values among the students.
- To create awareness and thirst for lifelong learning keeping in mind sustainable issues, technological trends and entrepreneurship.
- To emerge as a reliable knowledge hub for the industry, academia and society.



**CIVIL ENGINEERING DEPARTMENT**

**GOVERNMENT POLYTECHNIC FOR GIRLS**

**OPP. PRL, GUJARAT UNIVERSITY ROAD, NAVARANGPURA, AHMEDABAD – 380 015**



## Acknowledgment

Civil Engineering Department of Government Polytechnic for Girls, Ahmedabad feels concrete to present its genuine stakeholders "BUILTCON" a semester wise newsletter. This newsletter "BUILTCON" started with an objective of knowledge sharing and spreading divergent activities of Civil Engineering Department. Civil Engineering Department would also like to focus on new technology in construction field, latest ongoing and upcoming trends and events, previous month's news and events.

Civil Engineering Department consider, this newsletter "BUILTCON" as a best place to appreciate the students, faculty members and stake holders for their achievements. Civil Engineering Department hope, this newsletter provides necessary motivation to the stake holders as well as also very much helpful to update our knowledge of fast-growing Civil Engineering and construction field.

Finally, Civil Engineering Department would like to extend our deepest gratitude to all members who directly or indirectly involved and give their valuable support for making this newsletter "BUILTCON". We know that without grace of all mighty GOD this thing is not possible. So, here by we present the second volume of "BUILTCON".

## INDEX

Message from Principal's Desk	1
Message from HOD's Desk	2
Scope of Civil Engineering	3
Core companies offer internships and jobs	3
New Technologies	4
Upcoming Events	
Shining Star of Civil	
Quote	6
Institute Vision and Mission	7
Contact us	7

## *Message from Principal's Desk*



**Dr Ushma Anerao**

Dear Readers,

Civil Department of Government Polytechnic for Girls started in with the aim to provide globally competent skilled girls technocrat in the field of Civil and it's diversified field in the vicinity of P.R.L. Initiating something new is always motto of Civil department which is great!!!

It is my great pleasure to see the 2<sup>nd</sup> addition of BUILTCON newsletter of Civil Engineering Department which is going to be launched in Desember-2019 also very happy for getting good response to "BUILCONE" 1<sup>st</sup> addition. The aim behind this newsletter of Civil Engineering Department is to disseminate knowledge, skill and information amongst all stake holders. Students, Faculty members and Industrialists related to Civil Engineering Department gets platform to share the upcoming technologies, events in the department and achievement of students and faculties by this newsletter. It clearly shows that the synergetic approach of Civil Engineering Department to make better than the best platform for knowledge sharing.

Congratulations for success of BUILTCON 1<sup>st</sup> addition.

All the best and Keep better!!

## *Message from HOD's Desk*



**M. M. DESAI**

Dear readers,

It gives me immense pleasure to present you 2nd addition of "BUILTCON" (Volume 2) and very happy for the success of 1st addition.

In this second edition we improve the technical content by giving ideas of site visits, innovative projects and technical events. This definitely strengthens technical knowledge of students for their future. There are many career paths for civil engineers. Civil engineers are essential in government agencies, private and public sector undertakings to take up various mega projects like metro railway projects, express highway corridors, industrial structures, reservoir projects, flyovers, townships and mega city projects. Foundation of students future is very bright by acquiring knowledge at this stage.

Best of luck dear students.

## Previous semester Events:

### ❖ Site Visits:

#### SITE VISIT TO PSP PROJECT-

##### IIM A'BAD:-

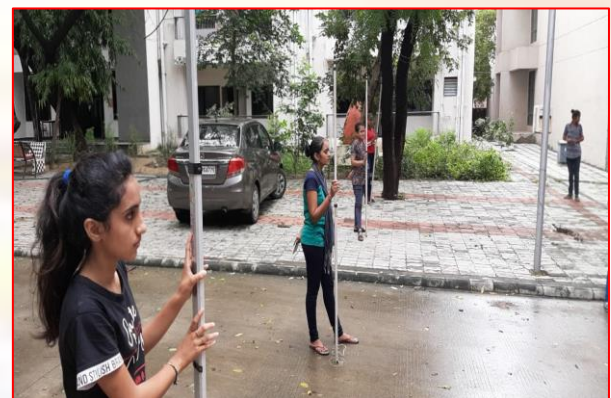
Our department organized site visit to IIM Ahmedabad. The construction procedure was carried out by PSP projects ltd. Site visit was organized on 19th September, 2019 for 5<sup>th</sup> sem students. So that the students can get the practical knowledge about the construction procedure, management skills, advanced techniques used for the construction of any building, different etc.



For find height of different objects with help of Dumpy level for 3rd sem students was organized on 30th September, 2019.



A site visit to Pirana sewage treatment plant was organized by our department on 20th July, 2019 so that the students can get all the important information about the drainage system, treatment done on sewage, method of treating sewage, disposal of it, producing gas and fertilizer from it, etc.



A site visit to kotarpur water treatment plant was held on 6th July, 2019 so that the students can get all the valuable information about the water treatment methods, water supply methods, techniques used to treat water, and many more information.

For finding horizontal measurement Chain and compass survey Project was carried out on 23rd September, 2019 for 3ed sem students.

Plane table Survey Project was carried out on 7th octomber,2019 for 3rd sem students.

## Upcoming Events:

### ❖ Site Visits:



- Water structure visit at Vasana Barrage, vasana, Ahmedabad
- Soil testing Laboratory Visit at KCT Consultancy Service, Gota, Ahmedabad
- Bridge Construction Site at PSP Project, SP Ring road, Ahmedabad
- Dam site at Santsarovar, Indroda gaam, Gandhinagar

### ❖ Seminar



Seminar on AUTOCAD & REVIT at CADD Center, Vastrapur, Ahmedabad

### ❖ Project



- Contour Survey Project for 3rs sem Students.
- Curve Project for 3rd sem Students.



Our department organised site visit to IIM Ahmedabad. The construction procedure was carried out by PSP projects ltd. Site visit was organised on 8th August, 2019 for 3rd sem students. So that the students can get the practical knowledge about the construction procedure, management skills, advanced techniques used for the construction of any building, different etc.

❖ Extra activities:

- “KHELOTSAV 2020” Sports day will be arranged in fourth week of January.
- FOOD FESTIVAL will be arranged in end of January.
- ANUBHUTI Cultural event will be arranged in 2nd week of February.
- DAYS will be celebrated by students in 2nd week of February.
- WOMEN’S Day will be celebrated on 8th March,2020.

❖ Shining Star of Civil

Joy and peace of complete fulfillment.

Having attained that

Abiding joy beyond the senses,

Revealed in the stilled mind,

He never swerves from the eternal truth.”

— Bhagavad Gita

The story of civilization is, in a sense, the story of engineering-that long and arduous struggle to make the forces of nature work for man's good.

-L. Sprague de Camp

6TH SEM RESULT DECLARE ON 27/6/19					
SR.NO	ENROLLMNT	NAME	SPI	CPI	CGPA
1	166140306101	SHRUTIKA PANKAJ GAJJAR	9.55	8.75	9.08
2	166140306115	VANKAR BHARGAVI HASMUKHBHAI	9.48	8.4	9.02
3	166140306105	THAKUR ARPITAKUMARI SUBHASHKUMAR	9.39	8.51	8.77

4TH SEM RESULT DECLARED ON 16/7/20					
SR NO	ENROLLMENT NO	name	SPI	CPI	CGPA
1	176140306108	SHAH JEEL PANKITKUMAR	10	9.66	10
2	176140306013	CHAUHAN HONEY NIMESHKUMAR	9.55	8.69	9.4
3	176140306084	PATEL PRATIXABEN SHAILESHBHAI	9.55	8.83	9.6

2ND SEM RESULT DECLARED ON 26/7/20				
SR.NO	ENROLLMENT NO	name	SPI	CPI
1	186140306001	ADITHYA BIJU	7.23	7.27

❖ Quote:

“When meditation is mastered,  
The mind is unwavering like the  
Flame of a lamp in a windless place.  
In the still mind,  
In the depths of meditation,  
The Self reveals itself.  
Beholding the Self  
By means of the Self,  
An aspirant knows the





## **VISION**

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

## **MISSION**

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

***Address: Government Polytechnic for Girls, Ahmedabad  
Opp. Physical Research Laboratory,  
Near ATIRA, Gujarat University Road,  
Navarangpura, Ahmedabad-380 015.  
Website: <http://www.ggpa.cteguj.in>***

***Phone no: 079 - 2630 1581***

***Contact for Query or Suggestions:  
Civil Engineering Department,  
Government Polytechnic for Girls, Ahmedabad***

***e-mail us: [gpgcivil@gmail.com](mailto:gpgcivil@gmail.com)***

***Team behind First Edition***

**Idea- M. M. DESAI**

**Content- P. N. PATEL**

**Editing- F. P. AMBALIA**

**Data Collection- T. R. AGRAWAL, K. J. SHAH**

**Title and Logo- B. H. DAVE**

**Proof reading- D. H. DALAL**

**Designing- I. M. UPADHYAY**

**Support- H. S. PATEL,**