



JANUARY 2025

CIVIL ENGINEERING



GOVERNMENT POLYTECHNIC FOR GIRLS

CIVIL ENGINEERING NEWSLETTER

“BUILTCON”

□

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.

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PRINCIPAL **MESSAGE**



Dear Students, Parents, and Faculty,

I am pleased to welcome you to the latest edition of our newsletter. As we continue to navigate through this academic year, I want to take a moment to acknowledge the hard work, dedication, and resilience shown by our students and staff. Our institution stands as a beacon of empowerment, providing young women with the knowledge and skills necessary to excel in the world of technology and beyond. At Government Polytechnic for Girls, we are committed to fostering an inclusive environment that promotes academic excellence, personal growth, and professional development. This newsletter highlights some of the many achievements and activities that have taken place in recent weeks, showcasing the spirit of innovation and determination that defines our community. I encourage all of our students to continue to embrace every learning opportunity, participate in co-curricular activities, and strive for excellence in all that they do.

Thank you for being a part of this incredible journey. I look forward to the continued growth and success of each of our students, and I am confident that the future holds endless possibilities for them.

Warm regards,
Principal, Government Polytechnic for Girls

HEAD OF THE DEPARTMENT MESSAGE



Our engineering department stands as a beacon of knowledge and creativity, a place where ideas flourish, and dreams find their foundation. The world around us is evolving at an unprecedented pace, driven by technological advancements that have the potential to reshape industries and societies. As part of our department, you are at the forefront of this transformation.

As we navigate this academic year, I encourage everyone to embrace a spirit of collaboration and exploration. Engage in discussions, seize research opportunities, and actively participate in the various events and initiatives our department offers. Remember that learning is not confined to the classroom; it's a continuous process that occurs through interactions, experiences, and the pursuit of new ideas.

In closing, I wish you all a fulfilling and successful academic year ahead. Together, we will shape the future of engineering and make a difference in the lives of countless individuals. Here's to a remarkable journey of learning, growth, and innovation!

Best regards,
M.M.SAVARKUNDLAWALA
HOD
CIVIL ENGINEERING DEPARTMENT

FACULTY OF CIVIL ENGINEERING DEPARTMENT



Mr. M. M.
Savarkundlawala (M.E,
WRM)



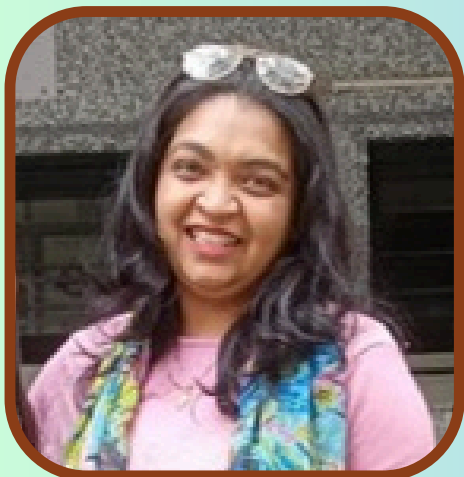
Mr. D. H. Dalal
(M.E, WRM)



Mrs. F. P. Ambalia (M.
Tech., Town Planning)



Dr Nilesh Jha



Ms. I. M. Upadhyay
(M.E, WRM)



Ms. T. R. Agrawal
(M.E, Structure)

सरस्वती वंदना



या कुन्देन्दुतुषारहारधवला या शुभ्रवस्त्रावृताया
वीणावरदण्डमण्डितकरा या श्वेतपद्मासना।
या ब्रह्माच्युत शंकरप्रभृतिभिर्देवैः सदा वन्दिता
सा मां पातु सरस्वती भगवती निःशेषजाड्यापहा ॥१॥

शुक्लां ब्रह्मविचार सार परमामाद्यां
जगद्व्यापिनीं वीणापुस्तकधारिणीमभयदां।
जाड्यान्धकारापहाम्हस्ते स्फटिकमालिकां विदधतीं
पद्मासने संस्थिताम्बन्दे तां परमेश्वरीं
भगवतीं वन्दिष्यामि शारदा ॥२॥

ACKNOWLEDGEMENT

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 ARE PRESENTING SIXTH VOLUME



SCOPE OF CIVIL ENGINEERING

Civil engineering is one of the oldest branches of engineering and is very relevant even today. Civil engineers are professionals who create structures, plan cities, create transportation facilities, and healthcare facilities to ensure a decent standard of living in various regions. Most brick-and-mortar structures you see around you have been transformed into a reality by a civil engineer.□The scope of civil engineering is very vast in India with many different career opportunities. You must gain relevant qualifications in this field to attract the right career opportunities for you. A Diploma in Civil Engineering after class 10, followed by a B.Tech and M.Tech qualification in the same field can really help you build a bright career

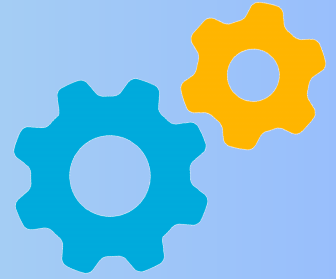
NATIONAL SCIENCE DAY VISIT AT SCIENCE CITY, AHMEDABAD



TECHNOSARITA 2025

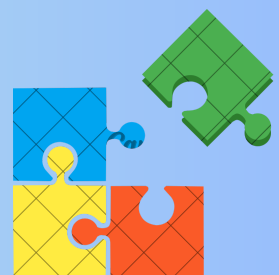
TECHNICAL EVENT

A TECHNICAL EVENT
ORGANISED DEPARTMENT
LEVEL WHERE STUDENT HAS
PRESENTED THEIR PROJECT
WORK



MICRO PROJECT
WATER FOUNTAIN

TECHNOSARITA QUIZ





PARENTS MEETING



SONEJI SIR RETIREMENT

SITE VISITS



EVENTS CELEBRATION



REPUBLIC
CELEBRATION

[26TH JANUARY]



SAREE DAY
CELEBRATION



FAREWELL PARTY





TEACHERS DAY CELEBRATION



ROAD SAFETY ISSUES AND CHALLENGE TO SOCIETY UNDER WDC



EXPERT LECTURE FOR ECV



SABARMATI BULLET PROJECT





NAVRATRI CELEBRATION "GOPI RAS" IN THE CAMPUS





Our Institute's

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>
<https://ggpahmedabad.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
Our blog:

<https://civilengineeringggpa.blogspot.com/>

Team behind Ninth Edition

Idea- M. M. Savarkundlawala

Designing- T. R. Agrawal

Title and Logo- I. R. JANI

Editing- F. P. AMBALIA

Proof reading- D. H. DALAL

Student Support- Kirtika Sojitra