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**SMT. SHANTABEN HARIBHAI GAJERA ENGINEERING COLLEGE
AMRELI**

Vidhyavihar Near J N Mehta Polytechnic, Lathi Road, Amreli, Gujarat 365601



A
REPORT
ON
GUEST LECTURE

**“SKILL VS DEGREE: HOW TO BRIDGE THE GAP BETWEEN SKILL
SUPPLY AND SKILL DEMAND”**

By

Mr. Kishor Jani sir
Khyati consultant pvt.ltd
Amreli

ORGANIZED BY
DEPARTMENT OF CIVIL ENGINEERING



**PREPARED BY:
PROF. VIMAL KACHHADIYA**

Education is a process of learning and acquiring knowledge. Our teachers are the key to this Process, they believe in each student's capabilities and facilitate them to explore, understand And therefore learn.

In **Smt. Shantaben Haribhai Gajera Engineering College**, we take immense pride in providing highest quality of education by paying utmost importance to teaching quality and practical learning. Our excellence is not just confined to the classroom; we are active in organizing conferences, workshops, seminars, guest lectures, co-curricular and extra-curricular activities. These activities and educational methodology helps in an overall development in our students, making them competent for success. Due to such comprehensive practices **Smt. Shantaben Haribhai Gajera Engineering College** is a favoured engineering college in Amreli.

We also take great pride in our excellent infrastructure and have ensured that the best of the Technologies be incorporated in teaching learning process. We aspire to reach to a higher Horizon, a horizon at which we are recognized at the national and the international levels and we are well set for this feat.



Guest lecture was organised by department of Civil engineering on 04/09/2017 Monday. This lecture has been designed to discuss the skills and exchange of information about civil engineering in the present scenario. Therefore, this lecture will provide not only essential knowledge but also a great opportunity to share technical experiences.

The details of the programme are as follows:

About the speaker:

- 30+ years experience in Civil Engineering field.
- Completed Degree in civil Engineering with Distinction the year 1983 from government engineering college Bhavnagar
- Well experience in construction of Buildings, Holiday Resorts/ Management
- Development Centre with Five Star amenities.
- Well-Experience in construction of Bridges & Post Tensioning Structures and Cable
- stayed Bridges.
- Rich experience in Repair & Rehabilitation of structures and Geo – Technical works.

Lecture:

The Programme started at 09.00 AM at seminar hall at SHGEC. The **Prof. Vimal Kachhadiya** addressed the gathering and spoke about the importance of “**skill vs degree: how to bridge the gap between skill supply and skill demand**”. Then **Prof. Vimal Kachhadiya** welcomed the gathering and introduced the guest speaker Mr. **Kishor Jani sir** and **shri hasmukh patel sir, campus director** to the gathering.

Mr. Kishor Jani sir spoke about the recent advancements in the field of civil engineering. Mr. Kishor Jani sir highlighted the gaps in theory and practice in handling the field activities of Civil Engineering and gave valuable tips to the students to overcome those gaps. He addressed the importance of communication to improve productivity in the day-to-day field activities as civil engineer will be dealing with uneducated and unskilled or semi-skilled manpower in the field .He elaborated the various technical issues and specifications which a fresh civil engineer has to concentrate in the field activities. The lecture is highly interactive and informative and the students enjoyed it thoroughly. All the faculty members of the department, HOD attended the lecture.



A REPORT ON CONSTRUCTION SITE VISIT



Organised by:
Civil engineering department
Shgec
Amreli

prepared by:
prof. Vimal kachhadiya
civil engineering department
Shgec
Amreli

Date of visit : 04/09/2017, Monday
Time schedule : 10:30 am to 12:30 pm
Starting Point : SHGEC
Venue : SHGEC
Total Number of Students : 83
Faculty Members : 1) Vimal kachhadiya 2) Atul Saurabh
3) janki kotadiya 4) jignesh padaya
Organised by : Department of Civil Engineering by taking in to
consideration Syllabus of GTU

Engineering students may visit construction site outside the university to learn about 'real life' examples of business and engineering management. In such reports students are often required to 'write up' their observations and findings from a site visit. What is the purpose of a site visit? What are common features of site visit reports? What are some tips for both getting the most out of your visit and writing up your results?

Our tour started at 10:30 AM on 04/09/2017 from our college with lots of excitement and enthusiasm.

At 10:30 AM we reached the site and started the visit by reaching at the site of SHGEC.



There, site supervisor introduced himself amongst the students and also gave a basic introduction of how the construction process takes place by explaining various stages of construction work.

Then, we moved at the other site where building foundation work was in progress.

Here the students were guided by the guest **Mr. Kishor Jani sir**. He guided the students about how the excavation for foundation is done and which are the various stages for carrying out building foundation work.

Students were also taught about how to decide the depth of foundation and which are the various types of foundation used for the construction of multi storey buildings.

Next we moved to the building where casting of slab was in progress. Here, the students were guided about following topics:

- 1) Shuttering/Centering
- 2) Formwork for slab
- 3) Slab reinforcement detailing



As the process for slab casting was in progress, students were not picked up to the upper floor by taking safety of the students in to the considerations.

Purpose of providing formwork and shuttering during the casting of slab was taught to the students. Students were also guided about the design process of various components of building such as beam, column and slab and how the reinforcement detail for all this components is provided on the basis of its design. **Mr. Kishor Jani sir** also shared his experience about difficulties which occurs while carrying out construction work and how it differs from the various concepts that are being taught in the books.

Then after the students were divided in to the group of two and both groups were taught separately about the different materials used in the construction work.



The materials which are mainly used in any construction work includes Cement, Aggregates (Fine as well as coarse), Sand, Various types of bricks such as clay bricks and fly ash bricks. Each of these materials was shown and their main purpose or use for being used as construction material was taught to the students.

At last students were told to raise their doubts about the entire visit and the solution of their doubts was provided by the **Mr. Kishor Jani sir.**



The real practical solution for such kind of problem was provided with example to students

At last we honoured both the experts **Mr. Kishor Jani sir** by giving thanking letter for providing such an opportunity for the students to learn over and above the books.



On behalf of entire **Civil Engineering Department**, we are heartily thankful to **Principal of SHGEC, shri hasmukh patel sir campus director vidhyasabha, shri vishal patidar sir academic director SHGEC** Managed by **amreli jilla vidhyasabha** for providing such a great opportunity to the students by allowing them to visit this construction site which will help the students in understanding various concepts of civil engineering branch at present and in future.