

# **GTU INNOVATION COUNCIL**

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## **UDISHA CLUB**

### **Campus Activity Report of August - 2017**

**(Om Engineering College, Junagadh)**

**Mr. D.R.Kothadiya**

UDISHA Club Co-ordinator,  
OM Engineering college, Junagadh



**Dr. N.M.Sureja**

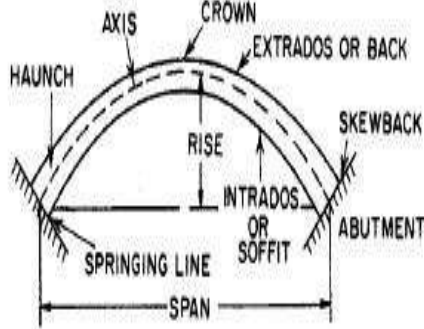
Campus Director,  
OM Engineerincollege, Junagadh

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## Civil Department

SR NO.	ACTIVITY INFORMATION
1	<p><b>Activity : Visit to Arch Construction</b> <b>Type : Industrial Visit</b> <b>Date: 24<sup>th</sup> July 2017</b> <b>Venue: Swaminarayan Gurukul Gate Chowkli</b></p> <p>The construction of arch is running near chowkli village at junagadh. It is constructed as main gate for Gurukul. Arch is generally constructed to give attractive and historic elevation to main gate. Arch construction is useful construction for civil engineer. Arch construction is learning in 3<sup>rd</sup> semester in building construction subject, so we decided to take the visit of arch construction for students of 3<sup>rd</sup> &amp; 5<sup>th</sup> semester Students.</p> <div data-bbox="237 724 859 1176"></div> <div data-bbox="878 724 1500 1176"></div> <p><b>PURPOSE OF VISIT :</b> Our main purpose for this visit is to be familiar with site and to get practical knowledge of arch construction, the methods used for construction, material used in arch construction . Our other purpose for visit was to under stand the types of arch, different components of arches.</p> <p><b>LEARNING POINT :</b></p> <ul style="list-style-type: none"><li>• we learn how to construct an arch for main gate and which material is used for it. At site types of arch was semi circular arch In an arch construction groves are worked in the arch to give attractive look.</li><li>• We have learnt at site different elements of arch like abutment, pier, intrados, extrados, voussoirs, spring stone, springing stone, key stone, span, rise depth of arch etc.</li><li>• In an arch construction stone, sand and cement is used. The proportion for cement mortar used 1:6 means one part is cement and 6 parts is sand is used for mortar. Mortar gives a bond between two stone.</li></ul>




## CONCLUSION:

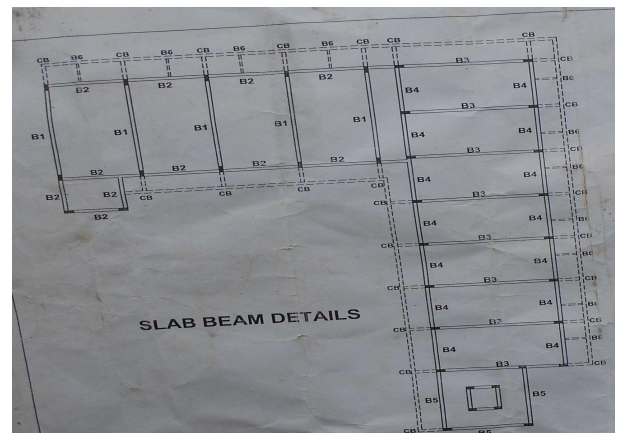
From this visit, students get the information and knowledge about the construction method for arch. Students have learnt different components of arch construction and using material for construct to it. And learn about precaution that should keep in mind at construct site of the Arch.

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SR. NO	ACTIVITY INFORMATION
2	<p><b>Activity : Vsit at Csting of RCC Lab</b> <b>Type : Industrial Visit</b> <b>Date: 24<sup>th</sup> July 2017</b> <b>Venue : KHAKH CHOWK, BHAVANATH JUNAGADH</b></p> <p>OM Engineering College organised industrial visit khakh chowk, bhavanath junagadhthe KhakhChowk the construction of the religious building (Dharmasala) is going on. When we visit, process of casting of slab of first floor is going on. Our main purpose is that to introduce with the production of concrete and arrangement of reinforcement for column, beam and slab, and knowledge of apparatus using in slab. Visit ogenize for 3<sup>rd</sup> and 5<sup>th</sup> semester of diploma student Coordinator of this visit are <b>Mr. A.D.Kachhadiya, Mr. N.N. Vahela &amp; Miss K.P.Barad</b></p> <div></div> <p><b>What We Learn from Visit :</b> Concrete is made by tilting type machine mixture. Mix proportion of cement, sand and aggregate concrete is a 1:1.5:3 and its grade is M-20. In concrete, ferrate type of admixtures used for a high strength. Water cement ration is a 0.55. For transport this concrete used a vertical lift and for placing used wheel borrows. After placing the concrete needle vibrator used for compaction. And slab and beam surface is leveled by float. And slab thickness measured by steel road. The depth of slab is 125 mm.</p> <p>Concrete work is an important for strength of structure. That's why it done by suitable method and technology. And material quality is a good for concrete work.</p>






## CONCLUSION :

In this visit, we get the information and knowledge about the drawing related construction, production of concrete, arrangement of reinforcement, leveling of slab, and compaction of concrete. We got very clear idea about concrete work and reinforcement detailing drawing. And also learn measurement of slab thickness, dimension of the area between two beams.

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## Computer Department

SR. NO	ACTIVITY INFORMATION
1	<p><b>Activity : On Campus Drive by Vakratunda System Pvt Ltd.</b> <b>Type : Placement Drive</b> <b>Date: 8<sup>th</sup> August 2017</b> <b>Venue : Om Engineering College</b></p> <p><b>Company Profile:</b> Vakratunda System Pvt Ltd, a professional web design and search engine optimization company designs, develops and optimizes websites for clients all over the world. The advantage of dealing with us is vast experience and expertise of handling web based projects from remote, understanding of client's requirements, a professional team who has experience of dedicated subjects including project visualization, flash design, web design in HTML, logo design, search engine optimization, search engine marketing, email marketing with client co-ordination, competitive prices without any hidden cost and ability to keep long term relationship with clients.</p> <p>On dated 08 th August 2017, VAKRATUNDA SYSTEM company have visited Om Engineering college, for campus drive for Final Year CE Students. Campus recruitment process was carried out by Mr. Sandeep Kureeya(Assistant Managing Director). Institute coordinator of this drive is <b>Prof.M.J.Rathod</b> and <b>Prof.A.R.Barad</b></p> <p><b>Schedule for Campus drive was as following :</b> <b>1-Pre Placement Talk</b> Mr. Sandeep Kureeya(Assistant Managing Director) have discussed about Terms and conditions as well as working environment of company,salary increment and salary structure,company profile etc. <b>2-Technical Test</b> Total 13 students are appeared in Technical test. As per result , Students are shortlisted.</p> 

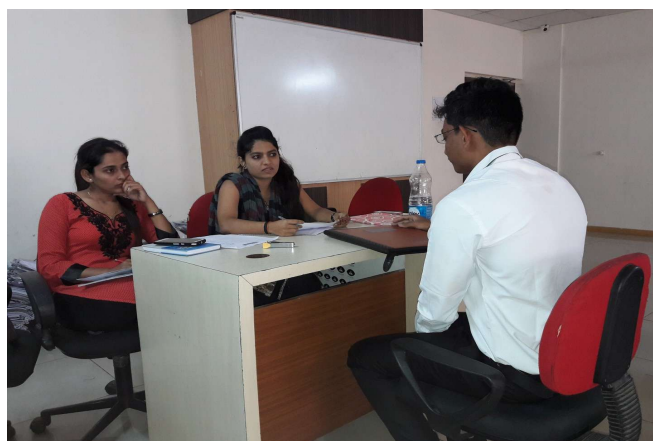
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## 3-Group Discussion



## 4-Personal Interview



## Short listed Students :



Hala Rukhsar	Sumara Nihal
Senjaliya Paraskumar	Harwani Anjali
Paghdar Renish	Padaliya Hiren

Congratulations to all the students on behalf of **Computer department** and **Om engineering college** who are selected during oncampus



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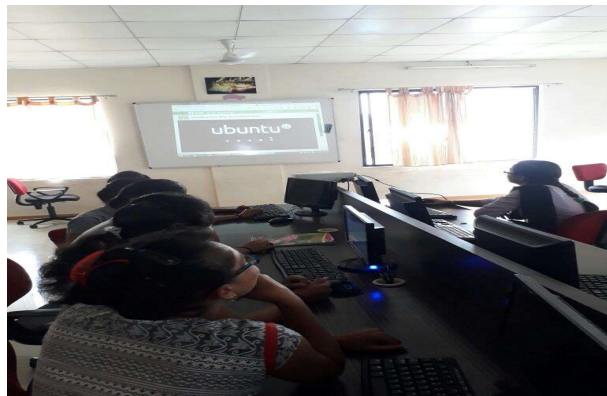
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SR. NO	ACTIVITY INFORMATION							
2	<p><b>Activity : Seminar on OS Installation</b> <b>Type : Seminar</b> <b>Date: 6<sup>th</sup> July 2017</b> <b>Venue : OM Engineering College,Junagadh.</b></p> <p>Om Engineering college has arranged seminar on different Operating system installation which is beneficial to student for corporate as well as corporate purpose. Coordinator of these seminar is Prof. <b>M.M.Jani</b> and <b>Prof. N.J.Sapara</b></p> <p><b>KEY TOPICS DISCUSSED IN SEMINAR:</b></p> <table><tr><td>Basic understanding about OS.</td></tr><tr><td>Case study of Linux and Windows OS.</td></tr><tr><td>How to install Linux OS</td></tr><tr><td>How to make a bootable device like Pendrive,CD,DVD etc.</td></tr><tr><td>How to clone computer system</td></tr><tr><td>How to install Windows OS</td></tr><tr><td>Brief Introduction about other OS like Mac OS,Android, iOS etc</td></tr></table> <p><b>Photograph of Seminar:</b></p> <div></div>	Basic understanding about OS.	Case study of Linux and Windows OS.	How to install Linux OS	How to make a bootable device like Pendrive,CD,DVD etc.	How to clone computer system	How to install Windows OS	Brief Introduction about other OS like Mac OS,Android, iOS etc
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## Conclusion:

By conducting this seminar, students are capable to format their own system & can install new operating system by their own & also aware about how many types of different OS are present in market & how they work differently as per user requirement.