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UDISHA CLUB

**Campus Activity Report of
September - 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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Electrical Department

SR NO.	ACTIVITY INFORMATION
1	<p>Activity : Industrial Visit at Excel Crop Care Limited, Wind Farm Unit Type : Industrial Visit Date: 26nd August 2017 Venue: Dhank (Upleta)</p> <p>Wind power is extracted from air flow using wind turbines or sails to produce mechanical or electrical power. Wind turbines convert the kinetic energy in the wind into mechanical power. This mechanical power can be used for specific tasks (such as grinding grain or pumping water) or a generator can convert this mechanical power into electricity to power homes, businesses, schools, and the like. The development of wind power in India began in the 1990s, and has significantly increased in the last few years. Although a relative newcomer to the wind industry compared with Denmark or the United States, India has the fifth largest installed wind power capacity in the world. In 2009- 10 India's growth rate was highest among the other top four countries.</p>  <p>Key Points :</p> <ol style="list-style-type: none">1. How Electricity is generated2. Types of Generator Used3. Wind Mill Capacity <p>CONCLUSION :</p> <p>From this visit, we got the information and practical knowledge about Power Generation through wind mill and transmission and distribution of power. Student got the knowledge about wind mill, wind turbine, generator. They got the idea how electricity is generated through wind mill and types of generator and their connection and from the control panel how to take reading and how to manually stop wind mill. About 37 students of 5 th & 3 rd Semester Electrical Engineering Class of Om Engineering College, Junagadh & faculty member named Prof. D. A. Divrania & Prof. J. R. Butani were benefited from this visit as they got chance to discussion with In-charge officer and other engineers working at wind farm.</p>

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SR. NO	ACTIVITY INFORMATION
2	<p>Activity : Industrial Visit at Silver Pumps & Motors Type : Industrial Visit Date: 5th August 2017 Venue : Rajkot</p> <p>Total 48 Students of 3rd semester will get the idea of pumps and motors. Students will also get familiar with electrical equipment, types of motors and types of pumps. Silver is established in 1981 as a supplier of Self priming pumps, Centrifugal Pumps, Open well submersible Pumps, Bore well submersible Pumps and Mud/Sewage Pumps. Silver Engineering Co. is striving hard with fullest of dedication, since 1981 to continuously improve the product quality & range as per the customers requirement.</p> <div data-bbox="250 716 821 1255"></div> <div data-bbox="862 716 1490 1255"></div> <p>Purpose of Visit : Our main purpose for this visit is familiar with industrial environment and to get practical knowledge and learn where & how we apply our theoretical knowledge in real application. From this visit, we got the information and practical knowledge about pumps and motors. Student got the knowledge about testing of induction motors. They got the idea how pumps and motors are made in industry.</p> <p>CONCLUSION: About 48 students of 3rd Semester Electrical and Mechanical Engineering of Om Engineering College, Junagadh & faculty named Prof. P.B.Vala benefited from this visit as they got chance to discussion with In- charge officer and other engineers working at industry..</p>

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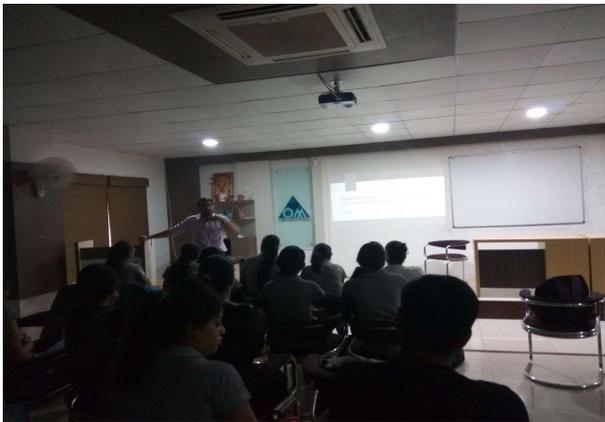
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Computer Department

SR. NO	ACTIVITY INFORMATION
1	<p>Activity : Live Demonstration on Amazon Cloud service Type : Workshop Date: 16th September 2017 Venue :Om Engineering College Junagadh</p> <p>OM Engineering College organised Workshop on Live Demonstration on Amazon Cloud service at college campus this workshop conducted and by Coordinated by Prof. D.R.Kothadiya, student of 7th semester have taking part in this workshop</p> <div data-bbox="248 642 849 1094"></div> <div data-bbox="873 642 1495 1094"></div> <p>Purpose for this Seminar is to familiar with cloud environment and different services provided by different company like Amazon EC2, Microsoft Azure etc. And also be aware about certification available in cloud computing</p> <p>WHAT WE LEARN :</p> <ol style="list-style-type: none">1. Understanding Cloud Computing2. EC-2 Window-server 20163. Web Hosting4. WorkMail5. IAM6. Cloud Watch <p>CONCLUSION :</p> <p>By conducting this seminar, students get knowledge about Cloud Computing and get proper knowledge about amazon web services and also get knowledge that how they can use such a services in their final year project. And the extra feature of this seminar is getting the aware about certificate in cloud computing</p>

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SR. NO	ACTIVITY INFORMATION
2	<p>Activity : Seminar on Entrepreneurship Type : Seminar Date: 16th September 2017 Venue :Om Engineering College Junagadh</p> <p>Students of 7 th & 5 th semester will get the idea about Entrepreneurship and also be aware about diffrent policy provided by goverenment to this kind of activity Our main purpose for this Seminar is to familiar with Corporative word or global era of industrial environment and also give the guidance about startup, and hoe to became Entrepreneur Prof.B.M.Garala provide his knowledge and experiance about startup</p> <div data-bbox="240 709 889 1157"></div> <div data-bbox="902 709 1513 1157"></div> <p>Key Point Discussed in Seminar :</p> <ol style="list-style-type: none">1. Basic terms of startups2. Management3. Resources4. Facility Provided by Government <p>Prof B.M.Garala has counduct the seminar, and also discuss about basic terminology about startup like Requirement, Capitalization, Strategy, etc, and Introduce a key terms of management and how to archive a proper management over different module or part startup</p> <p>CONCLUSION :</p> <p>By conducting this seminar, students get knowledge about Entrepreneurship and starup and also capable to understand terminology of real capital word as well as also be awere about the help provide by government to growup such a startup for new entrepreneur</p>

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3	<p>Activity : Teacher's Day Celebration Type : Date: 5th September 2017 Venue :Om Engineering College Junagadh</p> <p>Every year on September 5, we celebrate Sarvepalli Radhakrishnan's birthday as Teacher's day. Sarvepalli Radhakrishnan was India's first Vice President and second President, who was one of the most learned scholars and statesman. Radhakrishnan taught in the University of Calcutta, the University of Oxford and the University of Mysore. He is credited for creating and shaping the contemporary Hindu identity and for connecting India to the West with his philosophies.</p> <p style="text-align: center;">Time-table of Students' Lecture followed accordingly given below</p> <table border="1"><thead><tr><th>Student Name</th><th>Subject</th><th>TIME</th></tr></thead><tbody><tr><td>KAXA</td><td>D.S. (3 rd sem)</td><td>12:50 to 1:45</td></tr><tr><td>JAYTI</td><td>C++ (5 th sem)</td><td>1:45 to 2:40</td></tr><tr><td>DHRUVIKA</td><td>PHP (5 th sem)</td><td>12:50 to 1:45</td></tr><tr><td>MUSKAN</td><td>CMTS (5 th sem)</td><td>1:45 to 2:40</td></tr></tbody></table>	Student Name	Subject	TIME	KAXA	D.S. (3 rd sem)	12:50 to 1:45	JAYTI	C++ (5 th sem)	1:45 to 2:40	DHRUVIKA	PHP (5 th sem)	12:50 to 1:45	MUSKAN	CMTS (5 th sem)	1:45 to 2:40
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4	<p>Activity : One Day Workshop on UNITY 3D Type : Workshop Date: 18nd September 2017 Venue: Om Engineering College, Junagadh</p> <p>Unity is an all purpose game engine that supports 2D and 3D graphics, drag and drop functionality and scripting through C#. Unity3D is just such a tool that gives you access to a professional-grade game engine and streamlines the development process enough to be suitable for complete beginners. In fact, Unity3D is so beginner-friendly that you can create a pretty decent game with barely any coding experience. Unity3D is one of the simplest and has an interface that makes it almost ‘game maker’ like. It also has the advantage of being truly cross platform – you can build a game in Unity3D and then publish it to Android, iOS, Windows, Windows Mobile, MacOS, Linux...</p> <div data-bbox="237 835 841 1285"></div> <div data-bbox="878 835 1482 1285"></div> <p>Importance topic of unity 3d :</p> <p>Assets : An asset is representation of any item that can be used in your game or project. An asset may come from a file created outside of Unity, such as a 3D model, an audio file, an image, or any of the other types of file that Unity supports</p> <p>GameObject : GameObjects are the fundamental objects in Unity that represent characters, props and scenery. They do not accomplish much in themselves but they act as containers for Components, which implement the real functionality</p> <p>Component: It is impossible to create a GameObject in the Editor without a Transform Component. This component defines the GameObject’s position, rotation, and scale in the game world and Scene view.</p>

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Conclusion :

If you plan on creating a regular mobile game – especially a 3D one – then using Unity makes the best business sense and will be the most fun. Due to this workshop , students learn how to developed a 3D games.



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College Level Activity

SR. NO	ACTIVITY INFORMATION
1	<p>Activity : Teacher's Day Celebration Type : Celebration Date: 05/09/2017 Venue : Om Engineering College Junagadh</p> <p>We celebrated the 5th September as Teacher's Day. All students were asked to perform the role of their favorite teacher in the classroom for whole day. The same duties were allocated to students of OM Engineering College. Students have organized the whole day and teachers have attended their lectures on various subjects along with the class. It has reminded college days to all staff members.</p> <div data-bbox="248 699 850 1150"></div> <div data-bbox="878 699 1481 1150"></div> <p>Celebrations : Students have participated enthusiastically and perform their duties at their best level. On the Teacher's Day students, we the staff members have found many innovative techniques and approaches of teaching and methods which were meaningful in the real sense. And we have also found the teaching is worth in real life also. It has also covered the important values and qualities which are useful in students' life cycle. Students have enjoyed it and many students got the exposure to speak among the students in the classroom. In many lectures, students have shown few real life charts and took practical sessions which improved their teachings and they have easily conveyed the subjective topic. Girls as well as boys have participated equally and perform their duties mandatory.</p>

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Conclusion :

At the end of the day, head of the department have gathered all students and address to whole assembly and shared her views regarding Teacher's Day. And all separated at the end of the day with Day's learning.

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Activity : Tree Plantation Program 2017

Type :

Date: 23th August 2017

Venue :Om Engineering College Junagadh

The Students of 1 st year of Om Engineering College has organized “Tree Plantation Day” under co-ordination of **Prof. M.K.Chavda, Prof. J.B.Maru** and **Ms. K.P.Barad**. Students were gathered in the Seminar Hall and celebrated the event of tree plantation. Prof. M K Chavda & Prof. J B Maru have shared views on the tree plantation and explained the Importance of planting trees And made them understand that only planting trees is not necessary but to make them grow regularly is not only necessary but also compulsory. So they have taken an oath on behalf of faculty members and Om Engineering College family.



Conclusion :

Tree Plantation was successfully completed and finished with the constant support from Trustee Members, **Hon. Director sir Dr. N M Sureja, Hon. Pricipal sir Mr. H V Paghdar**, Prof. J B Maru Department of Humanities & Science and Ms. K P Barad Department of Civil Engineering with smiling face.

