GTU INNOVATION COUNCIL

UDISHA CLUB

Campus Activity Report of October – 2013

(Om Engineering College, Junagadh)
College Level Activity

<table>
<thead>
<tr>
<th>SR. NO</th>
<th>ACTIVITY INFORMATION</th>
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</table>
| 1      | Activity : Expert Talk on “NSIC (National Small Industries Corporation-2013)”  
Type : Workshop/Seminar  
Date: 20th September, 2013  
Venue : Seminar Hall, Om Engineering College, Junagadh |

Om Engineering College has organized “NSIC (National Small Industries Corporation-2013)” by the students under the co-ordination of Prof. H. H. Gajera, HOD of civil department.

Then after Mr. R. M. Vaghela, the development officer of regional level, Rajkot came and introduce his self and also represented the following ppt to explain NSIC more perfectly.

He started his talk with the brief discussion about the MSME (Micro, Small and medium Enterprises Development. He explained performance and contribution of MSMEs. For MSME different ratio of industrial production and exports. MSME classification based on investment limit in plant and machinery in manufacturing enterprises and services enterprises which again segmented in micro, small and medium.

He described the institutional support structure for MSMEs in India at federal level, state level and others. Then he smartly explained credit support, credit guarantee fund, and technological support for small enterprises. He explained marketing assistance and export promotion national as well as international level.
At the end of speech Mr. R.M. Vaghela invites Mr. A.B. Kureshi to give his compliment about NSIC to all.

Then after Trainer Mr. A.B. Kureshi came told that NSIC provides plant, machinery and equipment on a hire-purchase basis. Under its special scheme, entrepreneurs can procure indigenous as well as imported machinery. NSIC also assists the entrepreneurs in procuring government orders for various items of stores.

Trainer Mr. A.B. Kureshi briefly explain that only study is not the way to became rich because there are so many alternatives like NSIC by which any one can earn lots of money. By giving the funny examples on NSIC he made seminar held very smoothly.

At the end of seminar Mr. A.B. Kureshi ask about the feedback over the regarding seminar from the students side as well as faculty members in written form.

Organizing Team:
Dr. H. M. Nimbarck, Principal – Om Engineering College
Prof. H. H. Gajera, HOD, Department of Civil Engineering
College Level Activity

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<tr>
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| 2      | **Activity : PrakirtOM'13**  
**Type : Technical Event**  
**Date & Time : 22-09-2013, 9:00AM TO 5:00PM** |

## Program Layout

<table>
<thead>
<tr>
<th>Steps</th>
<th>Time</th>
<th>Action</th>
<th>Speaker</th>
</tr>
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<tbody>
<tr>
<td>1</td>
<td>10:00</td>
<td>Short Speech on PrakirtOM (Introduction)</td>
<td>Anchors</td>
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<tr>
<td>2</td>
<td>10:05</td>
<td>Prayer</td>
<td>College Girls</td>
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<tr>
<td>3</td>
<td>10:10</td>
<td>Welcoming Dias Members with presenting Floral tribute by Introduction</td>
<td>Anchors</td>
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<tr>
<td></td>
<td></td>
<td>1. Mr. M.G.Doddamani</td>
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<tr>
<td></td>
<td></td>
<td>Sr. manager operation</td>
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<tr>
<td></td>
<td></td>
<td>(creative casting limited)</td>
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<td></td>
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<td>2. Mr. Pareshbhai Bhut</td>
<td></td>
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<td></td>
<td></td>
<td>Production manager</td>
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<td></td>
<td></td>
<td>(creative casting limited)</td>
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<td>3. Mr. Bhaveshbhai Parmar</td>
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<td></td>
<td></td>
<td>Hr. Executive</td>
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<td></td>
<td></td>
<td>(Austin Engineering Company Ltd.)</td>
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<tr>
<td>4</td>
<td>10:22</td>
<td>Welcoming Students</td>
<td>Anchors</td>
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<tr>
<td>Time</td>
<td>Event</td>
<td>Speaker</td>
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<tr>
<td>10:25</td>
<td>Lightening Lamp</td>
<td>Dias Members</td>
<td></td>
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<tr>
<td>10:27</td>
<td>Keynote speech</td>
<td><strong>Chief guest</strong> Mr. M. G. Doddamani Sr. manager operation (creative casting limited)</td>
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<tr>
<td></td>
<td>“What is the role of engineers in industries?”</td>
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<tr>
<td>10:30</td>
<td>Event Detail with Vision</td>
<td>Anchors</td>
<td></td>
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<tr>
<td>10:33</td>
<td>Keynote speech</td>
<td><strong>Chief Guest</strong> Mr. Pareshbhai Bhut Production manager (creative casting limited)</td>
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<tr>
<td></td>
<td>“Why and which kind of knowledge is important for engineering?”</td>
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<tr>
<td>10:45</td>
<td>Keynote Address</td>
<td>Prof. Brijesh M. Garala Head of Mechanical Department</td>
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<tr>
<td>10:50</td>
<td>Event Map</td>
<td>Anchors</td>
<td></td>
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<tr>
<td>10:55</td>
<td>National Anthem</td>
<td>Assembly</td>
<td></td>
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<tr>
<td>11:00</td>
<td>Assembly disperse</td>
<td>Anchors</td>
<td></td>
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On a specious day of 18th July 2013 the technical event prakirtOM was given a green flag at 10 a.m. by the honorable principal sir, Dr. H.M. Nimbark of OM engineering college. Starting with the introductory speech of an anchor the program was started with spiritual prayer recited by students of Om Engineering College. Guest of honor arrived on 10:10 a.m.

The event was blessed with Guests of honor, Mr. M. G. Doddamani Sr. manager operation from creative casting limited, Junagadh, Mr. Pareshbhai Bhut, production manager from creative casting limited & Mr. Bhaveshbhai Parmar Hr. Executive from Austin Engineering Company ltd Welcomed by presenting book as flowerer welcome.

At 10:25 a.m. sharp guests of honor were invited to enlighten the Lamp.
After the end of enlightenment ceremony, the guest of honor Mr. M. G. Doddamani, Sr. manager operation (creative casting limited), explained “the role of engineers in industry”.

As a anchor the student of 3rd semester played a good role in the inaugural function. At the end of speech they was described the event details & vision.

Within short period of time second Dias member Mr. Pareshbhai Bhut, production manager from creative casting limited gave a brief introduction on “which kind of knowledge is important for engineering?”

This introduction proved to be the key point not only for students but also for the faculty members.

At last a short speech was given by Dr. H. M. Nimbark as well as Prof. B. M. Garala on a topic “why are we celebrating PrakirtOM” in our college.

They guided the student for focusing on the practical work and new research era. By the help of faculties and technology which can not only contribute to thyself but also to the institution.
The PPT Presentation have been arranged on technical, non-technical, and management-based topics like NCES, Engineering Philosophy, Global warming, new trends in computer engineering, and Entrepreneurship of product development.

Mr. Jay Talati, respected judge of the presentation, delivers the speech on the criteria of judgment and gives some guidance under the title of “how to present yourself?”

In this event, we got huge response for celebration and many entries we got from student side. This event was performed in seminar halls.

In seminar hall 1, the department of electronics and communication, computer engineering, and information technology students were given presentation.

In seminar hall 2, the presentation was arranged based on management, non-conventional sources, and other topics.

By the support of all the student coordinator and faculty member, we got huge success of whole event. Mr. Paratik Patel (Asst. Professor, Dep’t. of Computer Engineering) and Mr. Tushar Javiya (Asst. Professor, Dep’t. of Mech. Engineering) gave very much support for making the event successful.

The entire diploma and degree student worked together and maintained silent and listened to all the presenters very carefully. At the end of the presentation, we announced the winner and gave them prize as per rank, and finally we closed our event at 5 p.m. with full of enjoyment.
MODEL PRESENTATION

The Model Presentation have been arranged for the students to present their new innovative idea and creation in term of working and nonworking model like hydraulic excavator, Water filter plant, home security system, earthquake proof cable suspension bridge. This event was performed in the mechanical workshop.

In this event we found maximum response from student side and faculties. We got 63 participation groups in model presentation and we also got large number of viewer.

Judges of this event were Prof. B. M. Garala (Head of Mechanical engineering department, OM Engineering College, Junagadh) Prof. R. A. Parmar (Head of Electrical engineering department, OM Engineering College, Junagadh).

By the support of all the student coordinator and faculty members, we got the huge success of whole event. Mr. Mitesh S. Patel, Mr. Jagrut. P. Popaliya, Mr. Kamlesh. U. Ram (Asst. Professor, Dep’t. of Mech. Engineering) gives vary much support for making the event successful.
The entire diploma and degree student work together and maintaining discipline and listened all the Presentation of the entire model very carefully.

At the end of the event as per judge’s decision we announced winner and gave them prize as per rank, and finally we closed our event at 5 p.m. with full of enjoyment. 1st rank winner model is hydraulic excavator which was prepared by 1st semester (Mechanical department) students accordingly the 2nd rank winner model is a weight lifter which was prepared by 5th semester (Mechanical department) students and 3rd rank winner model is the wind power mobile charger.

1st rank,
Sub: Hydraulic excavator
Ramani Hardik,
Barad Manipatsinh,
Odedara Raju

2nd rank,
Sub: Weight lifter
Sarvaiya krushandev, Parmar chintansinh, Garala keval

3rd rank,
Sub: Wind power mobile charger
Shidhpura Hiren, Goradiya kish
The Poster Presentation arranged for students to present their new innovative ideas and creations in terms of graphical presentation like Solar power plant, Bio-gas plant, Cooling system of IC Engines, Global warming etc.

This event was performed in the Drawing halls of degree building. Judges of this event is Prof. A. G. Makati (Mechanical engineering department, OM Engineering College, Junagadh) and Prof. M. J. Rathod (Computer engineering department, OM Engineering College, Junagadh).

At the end of the event as per judge’s decision we announced winner and gave them prize as per rank, and finally we closed our event at 5 p.m. with full of enjoyment.

1<sup>st</sup> rank winner poster is Laser based tracking for real time 3D. Accordingly the 2<sup>nd</sup> rank winner poster is Solar and wind hybrid system and 3<sup>rd</sup> rank winner poster is Aeronautical communication system.
ROBO RACE

In this event we got huge response for celebration and highest entries we got from student side in the Robo race. This event was performed in ground behind A & B degree building. The entire students give best performance on it.

As per rules and regulation of event is followed by the student and work them properly as per guidance of the coordinator Prof. N.D. Vadaliya. All the student prepare the robots and robo race trake under the guidance of him.

The Work shop instructor Mr. H.S.Bhadja, Mr. J.M.Paramar and student coordinator Boghara Malay, Sorathiya Amir and Joshi Jayvin prepare the Robo race track and making event successful.
By the support of all the student coordinator and faculty member we got huge success of whole event. The entire diploma and degree student work together and maintaining discipline. At the end of the Race we announced winner and gave them prize as per rank, and finally we closed our event at 5 p.m. with full of enjoyment.

**Name of winners:**

1\textsuperscript{st} rank  
1) Harkhani Chirag,  
2) Asodariya Vivek,  
3) Viradiya Yogesh,  
4) Buva Mayur

2\textsuperscript{nd} rank  
1) Jayswal Dhaval,  
2) Vaghamsiyi Amit,  
3) Savlani Bhavesh,  
4) Chapadiya Abhishek,

3\textsuperscript{rd} rank  
1) Vekariya Jaydeep,  
2) Vaniya Bhupendra,  
3) Khambhla Bharat,  
4) Bathvar Dinesh,

We are heartily thankful to you and Head of mechanical department Prof. B. M. Garala for providing the great opportunity to plan the event, and we also thankful to Administrative department for kind support. Last but not least we also thankful to our student for participate in Robo Race event and enjoy it very much.
CLOSING Ceremony

At the end of day pass on with enjoyment. Now the time was for closing ceremony and time to appreciate the students who are doing best work and participated in the event with their good efforts and engineering spirit.

Prize distribution ceremony had start at 5:00 p.m. all the respected HOD’s and faculty members appreciate the student with prize and certificate of rank. Student expresses their fillings with warm words and poems.
They acknowledge the principal sir with humble words for providing best opportunity to organize that type of activity in our college also thankful for their prestigious support at every hurdle.

Prof. N.D. Vidalia addressed vote of thanks to Dr. H. M. Nimbark, all Hod’s of respective branch, all event faculty coordinators, and student who contributed their efforts knowingly as well as unknowingly the event with their hard work.
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Activity: Industrial Visit of “Wanakbori Thermal Power Station”

Type: Industrial Visit

Date: 02-10-2013

Venue: Wanakbori Thermal Power Station

Electrical Engineering Department had decided to arrange one day industrial visit for 5th Electrical Engineering students to improve practical knowledge and get benefited their theoretical knowledge.

In W.T.P.S, Students will get benefit regarding their theoretical subject of conventional power Engineering, Electrical Power and Electrical & Electronic Measurement.

W.T.P.S is the biggest power plant in GUJARAT.

Wanakbori Thermal Power Station is a coal-fired power station in Gujarat, India. It is located on the bank of Mahi river in Kheda district. There are 7 Turbo Generator sets each of 210MW out of which first 3 units are equipped with Russian Turbines and other 4 Units are equipped with German Turbines. Unit no 7 is entirely Computerised and well advanced. All the above units are of BHEL make.

Executive Engineer, Mr. Vijaybhai Patel have explained all the technical details regarding the plant, working power plant models, their features, equipment details like boiler details, fuel details, turbine details, generator details, transformer and switch yard details.
After visit at the Wanakbori Thermal Power Station student can visualize the complex study of power generation using coal as a fuel, which will help a lot in future in many field & he/she can understand the function of each component in thermal power station, their importance, their arrangement & precautions that to be used for the safety in the plant.

Prof. D.A.Divrania and Prof. B.G.Radadia have leaded the students and joined the industrial visit.

Students really enjoyed visit over here and again want to thank to all faculties, staff of Wanakbori Thermal Power Station to give them this great pleasure of the training.