



**OM CENTRE FOR
RESEARCH & INNOVATION**

Govt. Approved Skill Development Centre

A Report on

Inaugural function of
Om Centre for Research & Innovation (OCRI)

Established at :

OM ENGINEERING COLLEGE, JUNAGADH

Inaugurated By:

Dr. Chandan Chatterjee
Director
CED - Gandhinagar

Dr Nidhi Arora
Director
GTU - Ahmedabad

Date:

August 03, 2016 (Wednesday)

Venue:

Seminar Hall, Om Engineering college, Junagadh

Event coordinator:

Prof. B M Garala

Organized & Managed By:

Department of Mechanical Engineering
Om Engineering College Junagadh



In Association With

SIEMENS



A COMMITTED ENGINEERING STUDY AT DEDICATED ENGINEERING CAMPUS

Junagadh-Bhesan Road, At Chokali, Junagadh-362 310. Tel. : 0285-2680500 Fax : 0285-2680666
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After 'Digital India' and '[Make in India](#)', government of India launched another new programme, called '**Skill India**', is supposed to be a multi-skill programme in March 2015.

Objectives of 'Skill India'

The main goal is to create opportunities, space and scope for the development of the talents of the Indian youth and to develop more of those sectors which have already been put under skill development for the last so many years and also to identify new sectors for skill development. The new programme aims at providing training and skill development to 500 million youth of our country by 2020, covering each and every village.

Advantages of Skill India

The idea is to raise confidence, improve productivity and give direction through proper skill development. Skill development will enable the youths to get blue-collar jobs. Development of skills, at an young age, right at the school level, is very essential to channelize them for proper job opportunities. There should be a balanced growth in all the sectors and all jobs should be given equal importance. Every job aspirant would be given training in soft skills to lead a proper and decent life. Skill development would reach the rural and remote areas also. Corporate educational institutions, non-government organizations, Government, academic institutions, and society would help in the development of skills of the youths so that better results are achieved in the shortest time possible.



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About Om Center for Research and Innovation

Our vision: To achieve as the most recognized educational institute for development and evolution of technical society to make committed citizens & socially sensitive leaders for betterment of whole milieu.

Our Mission : To inculcate better than the best Erudition and establishing the students as mono pillar of technical society as strongest as possible.

Our Commitment :

- Offer employable skills for ITI, Diploma & Degree holders.
- Promote relations between the training centre and industries.
- Co-operate with other training centres locally and internationally.
- Upgrade the knowledge, skill and abilities of trainees by adopting innovative training system **“Learning by doing and doing while learning”**
- Maintaining the desired quality standards of training to insure **“Day 1 Productive”** in today's competitive human performance system.
- Initiate the activities in a area of CAD/CAM/CAE right up to the grass route level
- Ensure continuous up-gradation and capacity building of trainees to nourish their ethical, spiritual and professional development.

About Om Engineering College

Om Engineering College established in year 2009, has been recognized by Gujarat technological University and has been awarded with five Different Pedagogical Award in year 2015. Om Engineering College has collaboration with Computer society of India (CSI), Institution of Engineers (India) Kolkata (IE), Institute for electrical and Electronics Engineer (IEEE), American Society for Mechanical Engineers (ASME), Space Society of Mechanical Engineers (SSME) and Open source Technology club

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(OSTC), IIT Bombay and other organizations. Om engineering College started 1st Business accelerator & Startup Cell in entire Gujarat in association with The Centre for Entrepreneurship Development (CED A Govt. of Gujarat Organization)

Registration

The day started with the formal registration of the invitees. All delegates registered themselves and collected registration kits to attend the inaugural Function. Prof. Vishal Thakar and Prof. Mohit Rathod helped them in completing the entire registration process. Invitees were delighted by the hospitality received at Om Engineering College, Junagadh.



Inaugural Function

Om Engineering College has set up a golden milestone for practical expertise in the field of Mechanical Engineering and Started OM CENTRE FOR RESEARCH & INNOVATION (OCRI) **First Time in a Saurashtra region** with the immense help of SETU INDUSTRIES RAJKOT on 3rd August 2016 at seminar hall.

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The function was inaugurated by welcoming the Chief Guest on Dias by Prof I M Khan and give brief Introduction of all Dignitaries to all attendees. Om Engineering College offered a warm welcome to all dignitaries and invitees.

Dignitaries On Dias



Dignitaries who adorned the event with their valuable presence and views were (from left to right) Shri Muljibhai Patel (Director, Setu Industries), Shri. Narendrasinh Waghela (Trustee, Shri Om Education Trust, Junagadh), Dr. Nidhi Arora (Director, GTU Ahmedabad), Dr Chandan Chatterjee (Director, CED Gandhinagar), Prof. C N

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Jasani (Director, Om Engineering College Junagadh), Dr. Vallabhbai Boghara (Trustee, Shri Om Education Trust, Junagadh).

Welcoming dignitaries at Om Engineering College

According to Indian tradition we consider our guest as equivalent as God and Om Engineering College had tradition to welcome all the guest by book the symbol of knowledge Shri Muljibhai Patel and Shri Narendrasinh Waghela welcomed the esteem guests.



Inaugural address by Chandan Chatterjee (Director, CED)

Dr Chandan Chatterjee has inaugurated the session with his speech to acknowledge the attendees with the history of the Center for Entrepreneurs Development (Industries Commissionerate, Govt of Gujarat). He said, it's not time for bigger fish swallow the smaller fish, that means small institutes can be achieve the more success by the efforts as compared to big institute. Everyone becomes the entrepreneur. He also insisted about speed to do the things with proper skill. With the help of speed and skill, any person can built up the business, only money is not required for the same. All the invitees and guests were inspired by the inaugural address.

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He also offered this center as a single point communication for any kind of skill up gradation activities and business startups for all industrialists and common peoples from surrounding regions.



Key Note Speech by Dr. Nidhi Arora (Director, GTU)

Dr. Nidhi Arora (Director, GTU) delivered his speech on Skill Development. She also informed that GTU always try to give guidance towards skill development and that's why GTU always insist their final year student to peruse IDPs as their final year project. She also told that for promoting young entrepreneurs in the Gujarat GTU takes innovative steps in a form of STARTUP under GIC and insist all the students and academicians and industrialist to promote their innovative ideas toward the STARTUP.

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Brief about OCRI activities by Prof. B M Garala

Prof. Brijesh Garala gave brief introduction about OCRI (Govt. approved vocational skill development centre) activities. The centre is established in association with The Centre for Entrepreneurship Development (CED), SIEMENS and Automotive Skill Development Council (ASDC). As a vocational skill development centre all courses will be approved by ASDC only and after completion of training all participants will be awarded by ASDC certification valid through out India. In initial phase 6 courses will be run as below.

- Draughtsman (120 Hrs)
- Machining Technician / CNC Operator (150 Hrs)
- Machine Shop Master Technician / Setter (150 Hrs)
- Machine Shop Supervisor (150 Hrs)



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- QC Inspector (120 Hrs)
- Supervisor R&D Testing (150 Hrs)

In all courses maximum batch size will be 15 participants only and training will be in the form of 20% theory, 30% practical and 50% on real industrial job. For this on job training participants will be deputed to industry or professional consultancy will be done by centre. Also this centre will be helpful for UG/PG/Ph.D. students for their research work. With the help of all facilities installed under one roof students can easily perform their research work at same place.

During professional consultancy this centre can work upto reverse engineering of product, product development, product design and failure analysis of products. So any industry person can use such facility for their product design, analysis and development. Such CAD-CAM-CAE centre is the unique center in this region.

Facilities Available



CNC Turning Centre DX 200 (Jyoti Make) VMC Machine 850 DM (Jyoti Make)

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Automatic Radial Drilling Machine



Universal Conventional Milling Machine



CMM with 3D SCANNER (FARO MAKE)



2000 mm X 1500 mm Surface plate



Design Lab



Machine Shop

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Vote of thanks

All the attendees shared their experiences during valedictory session and finally the function ended with vote of thanks given by Prof A G Makati during his speech he thank all invitees for spared their valuable time. He also thank to all the Academician and industrialist who accepts the invitation and share his valuable knowledge to attendees. Lastly he also thank to all organizing committee members and volunteers for his hard work to make this event successful.

Inaugural of Centre

After the validating the function all the guest members visited to the center for its inaugural. The center is well equipped with following CNC turning centre (Jyoti Make DX-200), VMC Machine (Jyoti Make 840-DM), Portable CMM (FARO Fusion 6Ft.-7 Axis), 3D Scanner (Laser Line Probe-V3 Bundle), Conventional Lathe, Milling, Radial Drill Machine Solid works software, Master-CAM software, sinutrain software



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(Siemens Ltd) and many more. Industry persons as well as Engineering Students of various colleges visited this unit and gave their valuable feedbacks.



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Glimpse Of Unit @ OCRI



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Group photograph



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