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Sarvajani University
Sarvajani College of Engineering & Technology
Shree Dhansukhlal Thakordas
Department of Chemical Engineering



**REPORT ON EXPERT TALK UNDER SCET ALUMNI
ASSOCIATION
UNDER
“SHARE WHAT I GAIN”
WEBINAR
ON
Entrepreneurship as a career Opportunities and Opportunities for
Chemical Engineers**



SARVAJANIK UNIVERSITY
SARVAJANIK COLLEGE OF ENGINEERING & TECHNOLOGY
CHEMICAL ENGINEERING DEPARTMENT

IN ASSOCIATION WITH
IICChE Student Chapter- SCET
AND
SCET ALUMNI ASSOCIATION
under "Share What I Gain"

Date:
21-08-2021

Time:
15:00 to 16:30

Webinars on

Entrepreneurship as a Career Opportunity and Opportunities for Chemical Engineering



Mr. Raushan Singh
SCET Alumnus
Manager Production,
Customer & Products, Silvassa
Plant, Castrol India Limited



Mr. Saurav Kumar
Dy. General Manager,
TB- KIET,
Ghaziabad

Faculty Coordinator & Head of the Department
Dr. Vaishali Umrigar

Principal
Dr. Hiren Patel

➤ **Objectives of the talk:**

| | |
|-------------------------|--|
| Resource Person: | 1) Mr.Raushan Singh (SCET Alumnus Batch 2008) , Deputy Manager Production, Castrol India Ltd (Global Supply Chain), Castrol India Limited, Survey No.374/2, Village – Saily, Saily-Rakholi Road, Silvassa, Dadra and Nagar Haveli (U.T.) 396230 & 2) Mr.Saurav Kumar Deputy GM, TB-KIET, Gaziabad |
| Venue: | Google meet |
| Date and Time: | 21/08/2021 at 3:00 PM. |
| Participants: | 40 |

➤ **Summary:**

The session of an expert lecture on “**Entrepreneurship as a career Opportunities and Opportunities for Chemical Engineers** ” was organized by Department of Chemical Engineering, SCET. **IICHE students’ team** had commenced the session with welcome note and brief introduction of the speaker **Mr.Raushan Singh** is having 14 experiences in the field of **Chemical Engineering & Mr.Saurav Kumar** as an Entrepreneur manager since 2020.

After taking over the mike **Mr.Raushan Singh** had begun the session by providing introduction of the topic. Then he explained the importance of “**Chemical Engineering and Career Opportunities in different fields**” with several examples, Sir had also provided the detailed information about “**Various upcoming fields and regions or zones for the Chemical Engineers in India which will increase the jobs for Chemical Engineers in near future**”. Then He handed over the session to our next speaker **Mr.Saurav Kumar** who has given in depth information various ventures established in India by getting Government funding as **Entrepreneurship**. Information of about various funding facilities and Incubation centers were shared by him for the students.

In the last part of the session he had discussed about the right approach which every professional should carry in order to become a successful in a carrier. It was evident from the response during Q/A session of students that they had enjoyed the entire talk.


Finally the session was concluded by IICHE students’ Chapter team and Dr.Vaishali Umrigar by delivering a vote of thanks to the guest.

All the faculty members had participated in the event to encourage the students.

GLIMPSES OF THE EVENT


Marine & Ocean Engineering

Design, construct, operate, and maintain machinery or structures that exist in or near the water.



You might:

- ✓ Build or maintain oil rigs
- ✓ Build robots for deep sea exploration
- ✓ Design marine vessels
- ✓ Improve submarine technology




Raushan kumar Singh

Materials Engineering

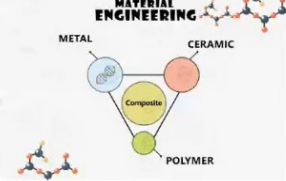
Develop, process, and test materials to be used to fulfill a specific design purpose.

You might:

- ✓ Improve the material of construction
- ✓ Determine material to replace burn victims' skin
- ✓ Design protective materials to be used for space travel
- ✓ Develop materials that efficiently conduct electricity




Raushan kumar Singh



Demand Growth Vs Supply Gap

Demand growth vs supply demand gap for 2019-25 (in '000 MT)³

Source: DPC and PwC analysis
Note: Bubble size indicates the supply-demand gap and estimations include impact of COVID-19



Raushan kumar Singh

00:16:59
01:13:01

Modern Chemical Engineering

- Development and production of diverse range of products like

The diagram illustrates the scales of chemical engineering and the associated processes and units. The scales are Nano-scale, Micro-scale, Meso-scale, Macro-scale, and Mega-scale. The processes and units are Molecular Processes, Active sites, Particles, Droplets, Bubbles, Particles wetting, Reactors, Exchangers, Separators, Pumps, Production Units, Plants, Environment, Atmosphere, Oceans, and Soils. The complexity increases from Molecular Structure, Fluid Dynamics, and Reaction to Process Business.

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Start-up Flowchart

The flowchart illustrates the stages of a start-up process. The stages are Ideation, Incubation, and Enterp Setting. The activities are Idea Generation, Innovation, Creative Thinking; Support for setting up TBI; and Becoming an Entrepreneur.

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8/21/2021

Schemes for Incubation Start-ups

NIDHI-EIR Scheme

Department of Science and Technology (DST) has announced National Initiative for Developing and Harnessing Innovations (NIDHI) as an umbrella programme for nurturing ideas and innovations (knowledge-based and technology-driven) into successful startups.

- Aspirants will receive monthly fellowship of maximum of Rs.30,000/- per month for a period of twelve months. Grant amount can vary between Rs.10,000 to Rs.30,000 depending on the quality of the start-up.
- Aspirants will be given mentorship and handholding for activities related to IP management, legal and contract, mobilizing resources and other business development.
- For more details

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8/21/2021

Meet - Chemical Engineering_SCET Alumni lecture under the Banner of SCETAA & IICHE students' Chapter

REC Saurav Kumar is presenting

The 5 Critical Stages You Will Go Through As An Entrepreneur:

- Finding The Right Business Idea
- Developing the business plan
- Raising Your Seed Funding
- Getting Paying Customers
- Success Or Maybe Failure

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Saurav Kumar Ravish

V Vishad Desai Yuvraj

R S 19 others You

8/21/2021

Meet - Chemical Engineering_SCET Alumni lecture under the Banner of SCETAA & IICHE students' Chapter

REC

Rashmita Patel Anand Upadhyay Saurav Kumar Vishad Desai Ravish Kumar Singh Yuvr

50_RAUT ROSHAN Dr. Vaishali Umrigar 21_Shubham Lekhadia 15 Dhruv Hirpara mayank dalal 46_j

46_Sufiyan Pathan srulal rana 3 others You

8/21/2021

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➤ **Acknowledgements**

The Chemical Engineering Department, **SCET** would like to acknowledge,

- **Managing trustees and office bearers of the Sarvajanic University**
- Prof. (Dr.) Hiren Patel, **Principal, SCET**
- Dr. Vaishali Umrigar, **Head, Chemical Engineering Department**
- **One and all** for their direct or indirect support

Compiled by:

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