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#### PEOs

**PEO 1: Preparation:** To apply the principle of chemical engineering to work in diverse field of chemical industries.

**PEO 2: Professionalism:** To excel in professional carrier by supervising team of workers for attainment of organizational goal using their leadership, team work and soft skill.

**PEO 3: Core Competence:** To able to pursue higher education in chemical engineering and continuously upgrade the knowledge.

**PEO 4: Life Long Learning:** To identify and address environmental and societal issues by their ethical and moral attributes.

# RASAYAN SAMBAD

CATCH UP WITH THE CHEMICAL DEPARTMENT UPDATES

VOLUME II, ISSUE I

DECEMBER 2020



#### VISION OF CHEMICAL DEPARTMENT

To be a nationally recognized department in the field of diploma education to produce engineers with appropriate technical knowledge and professional skills and to be a preferred institute for meeting requirements of industry keeping in views relating to environmental, societal concerns and ethical values.

#### MISSION OF CHEMICAL DEPARTMENT

**M1:** To impart strong fundamental knowledge in the students with technical skills.

**M2:** To facilitate industry- academic interaction for developing confidence in students.

**M3:** To strive for continuous improvement in the quality of academics and indulge professional and ethical values among the students.

#### Principal's message

**"Failure will never overtake me if my determination to succeed is strong enough" - APJ Abdul Kalam**



**Mr P.C Rath**  
**Principal UGIE**

This quote conveys how important is determination in student's life. We focus on learning based teaching which enhances the student's interest in getting knowledge rather than getting job. We explore numerous opportunities to focus on determination instead of failure. We encourage students to achieve a number of "small things" that culminate over time to produce students who are prepared to do the "great things" of life.

Our teachers strive to teach not only academic programmes but also life skills. UGIE, Rourkela strive to be the best in technical education not only in western Odisha but also in whole odisha.

## NEWSLETTER COMMITTEE

Editor-in-chief: Mr. Sovan Kumar Sahoo

Editors: Mr. Raghunath Marandi, Ms. Satarupa Sahu

Student editors: Mr. Sasmit Ratha, Mr. Soumya Behera  
Ms. Mamta Prasad, Mr. Bikash Pradhan, Mr. Rabindra Dash, Ms. Asima Mallik

Student designers: Mr. Rohit Sahu, Mr. Pritish Lenka, Ms. Manasi Maharana

## Editorial Note

We would like to thank all of those who provided the authentic data (text and images) for this issue at very short notice. Constructive suggestions from readers for further improvement in the newsletter will be highly solicited. All the communications should be ideally directed to [ugiechemical@gmail.com](mailto:ugiechemical@gmail.com).

## PSOs

**PSO1:** Make use of unit operations and unit processes for smooth functioning of chemical engineering plants.

**PSO2:** Utilize the skill acquired to operate equipment and produce quality chemical products.

## HoD's message



Mr. B.K. Ganatayat,  
Sr. Lect, UGIE

We at UGIE, ROURKELA keeping this spirit of education alive are continuously striving to nurture students into full-fledged personalities. I am enlightened with the ideas of releasing recent edition of 'Rashayan Sambad' as a forerunner for department activities.

It is my immense pleasure to congratulate our staff editors Mr. Raghunath Marandi & Ms. Satarupa Sahu for their great effort to make this news letter as a reality.

**"All the powers in the universe are already ours. It is we who have put our hands before our eyes and cry that it is dark."** Swami Vivekananda

## From the desk of chief editor

Greetings and Thanks to the UGIE Chemical Family as we place our step into our newest venture of publishing recent edition of 'The Rashayan Sambad' for the year 2020.

It is indeed a happy moment for our Chemical Department as the students have successfully published the magazine.

First of all, I am really honoured and feel very privileged to function as the Chief Editor and would like to thank all those who generously contributed for the recent chemical Dept Newsletter.

Happy Reading.



Mr. Sovan Kumar Sahoo,  
Lect. UGIE

## Workshops/FDPs/STTPs

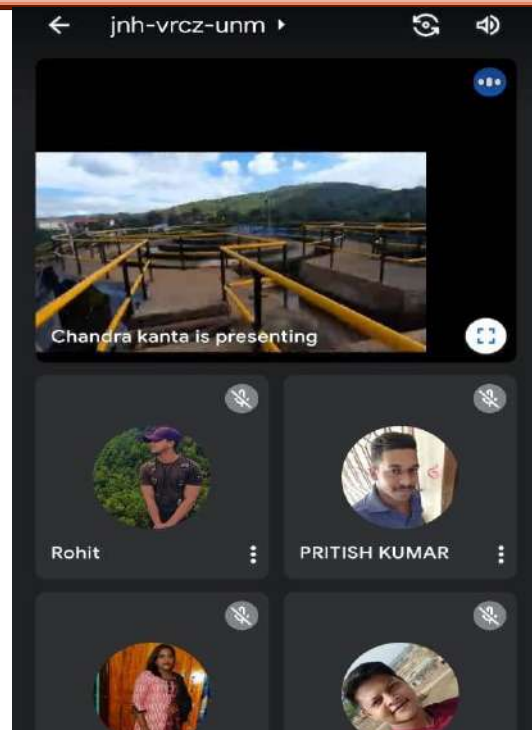
- Mr. Raghunath Marandi has attended online workshop on Social Entrepreneurship, Swachhta & Rural Engagement for Higher Educational Institutions in Association with Mahatma Gandhi National Council of Rural Education on 18/09/2020.
- Ms Satarupa Sahu has attended Attended National Seminar (web) on Ancient Indian Education System organised by NITTR Kolkata from 2020-11-11 to 2020-11-12
- Ms. Satarupa Sahu has attended AICTE Training and Learning (ATAL) Academy Online FDP on "Alternate Fuels" from 2020-9-7 to 2020-9-11.

## Industrial Visits in Online Mode and Online Workshop

The department of chemical engineering took initiative to organize online industrial visit for students to provide a visual aid for learning concepts which help students to have more clarity. Dr. Subasini Jena and Mr. Sovan Kumar Sahoo are departmental level coordinators of industrial visit.

S. no.	Date of Visit	Organization Visited	No. of Students Visited
1.	25/05/2020	Utkal Alumina	50

The department of chemical engineering organized online workshop for students to provide wider view of industry related skill and knowledge through their pass out seniors and other alumni placed in reputed companies which help students to have more clarity. Ms. Satarupa Sahu and Mr. Raghunath Marandi are departmental level coordinators of online workshop.



## Student Placement

Utkalmani Gopabandhu Institute Of Engineering is always appreciated for its placement statistics. The Institute is a pioneer in placement and infrastructure in Odisha among the Polytechnics. Chemical Engg department being a department fully equipped with all laboratory facilities as prescribed according to the curriculum and well trained and qualified faculties who are always ready to train and enhance the skill set and technical knowledge of ever inquisitive young minds always attracts the recruiters. Every year huge numbers of students got placed in different international and multinational companies through institutional placement drive and Central placement cell of Directorate.

SL. NO	NAME OF THE COMPANY	BRANCH	NO. OF SELECTED STUDENTS
1.	WABAG (KIT)	CHEMICAL	1
2.	JSW STEEL LTD, DOLVI, MUMBAI	CHEMICAL	3
3.	HETERO LABS LTD. HYDERABAD	CHEMICAL	5
		<b>TOTAL</b>	<b>9</b>

## Ganesh Puja

Ganesh Puja is celebrated in the department every year with much grandeur. During this festival, students pray to Lord Ganesh with great devotion and admiration. Intricate and elaborate stages and 'pandas' are set up for the festival.



## WORLD ENVIRONMENT DAY

Mass plantation program was organized by department of chemical engineering on 5th June, 2020. Ms. Subasini Jena and Mr. S. Patra took initiative for the program. Awareness program was organized on role of mass plantation among the students. Huge participation was observed from every staffs.



## HAND SANITIZER PREPARATION



An innovative initiative was taken by department of chemical engineering to make hand sanitizer for institute uses. The whole plan was executed under the guidance of Mr. B.K. Gantayat. All staff members were thoroughly involved in supplying sufficient quantity of sanitizer for institute use.

## Foot operated Hand Sanitizer Dispenser



## ACADEMIC AUDIT

An academic audit was conducted by the Director Reghu G in order to ensure the smooth conduct of machineries in institute in covid-19 pandemic.



## Free Food Distribution Drive

Students engaged themselves in free food distribution drive in order to send food to the needy people during the covid pandemic situation.

