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Shakti Prasad Satpathy  
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Subham Kumar Maharana  
Shrutee Mishra  
Manvi Parmar  
Subham Kumar Mahanta

**1st. National Conference on  
"Chemical and Bio-Science"  
(NCCBS-2023)**

**25th. -26th. March, 2023**



**Organised by**

**Department of Chemical Engineering  
Veer Surendra Sai University of Technology  
Burla, Sambalpur-768018, Odisha, India  
Website : [www.vssut.ac.in](http://www.vssut.ac.in)  
E-mail : [nccbs.vssut@gmail.com](mailto:nccbs.vssut@gmail.com)**

## About the University

The Veer Surendra Sai University of Technology, Burla, formerly known as University College of Engineering, was established in 1956. The Institute is well known for its quality teaching, research potential and faculty eminence and is a premier Government Institute of the state of Odisha. An Internationally acclaimed Technical University to impart futuristic technical education and creation of vibrant research enterprise to create quality engineers and researchers, truly world-class leaders and unleash technological innovations to serve the global society and improve the quality of life.

## About the Department

The Department of Chemical Engineering, Veer Surendra Sai University of Technology is setting its footprint in 2014 with 4 year B.Tech. programme to inculcate students with a strong fundamental knowledge in the field of Chemical Engineering and to meet the challenges of rapidly changing technological environment. Although in its nascent stage, the state government has already sanctioned nine faculty positions to strengthen it. The Chemical Engineering Department will try to impart quality education to the students in all areas especially in the modern broad areas such as Nano-Technology, Green Technology, Renewable Energy, Environmental Engineering, Biochemical Engineering, Process Control, Reaction Engineering, Transfer Operations etc. The Department of Chemical Engineering, VSSUT Burla has a prolific placement feat of 100%.

## About the NCCBS

### Scope:

The 1st National Conference on Chemical and Bio-Sciences (NCCBS-23) is a major point of contact between researchers, relevant industry practitioners in the areas of Chemical and Bio-Sciences both from theoretical and application perspectives. Contributions describing real-world problems, interdisciplinary research, experimental and/or theoretical studies yielding new insights that advance Chemical and Bio-Sciences are especially encouraged. Papers describing original work are invited in any of the areas listed below. Accepted papers, presented at the conference by one of the authors, will be published in the proceedings. Acceptance will be based on quality, relevance and originality. There will be both oral and poster sessions. Special sessions, dedicated to case-studies and commercial presentations, as well as technical tutorials, dedicated to technical/scientific topics, are also envisaged. Companies interested in presenting their products/methodologies or researchers interested in presenting a demo/lecturing a tutorial are invited to contact the conference secretariat.

## Conference Areas:

Each of the topic areas is expanded below but the sub-topics list is not exhaustive. Papers may address one or more of the listed sub-topics, although authors should not feel limited by them. Unlisted but related sub-topics are also acceptable, provided they fit in one of the following main topic areas:

- > All fields of Chemical Engineering
- > Alternative Fuels & Fuel Analysis
- > Waste to energy technology
- > Molecular Biotechnology
- > Molecular Modeling
- > Nanotechnology
- > Bio-material
- > Bioengineering
- > Biodiversity and Environmental Biology
- > Oil & Petroleum
- > Heat & Mass Transfer
- > Process Design
- > Polymer & Plastics Engineering
- > Coal Processing Technology

## Venue

The programme will be held at E-Learning Centre, Veer Surendra Sai University of Technology, Burla, Sambalpur 768018, Odisha, India.

### How to reach VSSUT:

#### BY BUS:

Burla Bus Stand is 3 km far from VSSUT campus and 15 km far from Sambalpur, Laxmi Talkies Bus Stand (10 km from Ainthapali Bus Stand).

#### BY TRAIN:

Sambalpur Railway Station is 10 km far from VSSUT & Hirakud Railway Station is nearest (3 km) from VSSUT campus.

#### BY FLIGHT:

The nearest airport is VSS Airport, Jharsuguda (JRG) which is 60 km far from the VSSUT Campus.

## Call for Abstract

Participants are requested to submit their abstract within 250 words and 5 keywords, Times New Roman, 12 Font Size, & double line spacing in MS Word.

**E-mail: [nccbs.vssut@gmail.com](mailto:nccbs.vssut@gmail.com)**

**Selected papers presented in the conference will be published in the Scopus & SCI indexed journals after peer-review process as special issue.**

**Some selected papers will be published as book chapter in Scopus indexed edited book (Publisher: Wiley/Taylor & Francis).**

## Important Dates

Last date for the submission of Abstract: **15th Feb, 2023**

Submission of Full Paper: **10th Mar, 2023**

Notification for Acceptance of Abstract: **17th Feb, 2023**

\*Early Bird Registration: **20th Feb-10th Mar, 2023**

## Registration Details

### Registration Fees (Early Bird):

> Research Scholars: Rs. 750/-

> Academician: Rs. 1500/-

> Delegates from industries: Rs. 2000/-

> **Spot Registration (for all): Rs. 2000/-**

The registration fees includes Participation in Conference, Oral/Poster Presentation, Tea, Lunch, and Dinner.

Accommodation in the guest house will be available on prior information on payment basis.

### > ACCOMODATION

Accommodation is available on sharing basis @Rs700/- in the University guest house.

### > SITE VISIT

**Site visit (Hirakud Dam, Zero Point, Goddess Samleshwari Temple) for all the delegates will be arranged without any additional cost.**

## Sponsorship / Advertisement

> Platinum: Rs 75,000/-

> Gold: Rs 50,000/-

> Silver: Rs 30,000/-

**Benefits provided: 15 mins. presentation during keynote speeches/ product display/ promotion of company name.**

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## REGISTRATION LINK

<https://forms.gle/ddaR4nGGhvUWrGuP8>