Chief Patron:
Prof. Banshidhar Majhi
Vice Chancellor, VSSUT, Burla

Patron (s):
Prof. Debabrata Dheupal
Dean (CDCE), VSSUT, Burla
Prof. Sanjay Kumar Patro
Dean (Students Welfare), VSSUT, Burla
Prof. Saroj Kumar Sarangi
Dean (SRIC), VSSUT, Burla
Prof. Sanjay Kumar Agrawal
Dean (Academic Affairs), VSSUT, Burla
Prof. Himanshu Sekhar Behera
Dean (PG Studies & Research), VSSUT, Burla
Prof. Ramakanta Panigrahi
Dean (Faculty & Planning), VSSUT, Burla
Prof. Anil Kumar Kar
Dean (Alumni & International Relations), VSSUT, Burla

Co-Patron:
Prof. Jaydev Rana
Dean (School of Chemical & Bioscience), VSSUT, Burla

Chairman:
Dr. Pankaj Charan Jena
H.O.D., Chemical Engineering, VSSUT, Burla

Secretary:
Dr. Krushna Prasad Shadangi
Asst. Prof. Chemical Engineering, VSSUT, Burla

Co-ordinator(s):
Ms. Nivedita Patel
Asst. Prof., Chemical Engineering, VSSUT, Burla
Mr. Amit Kumar Behera
Asst. Prof., Chemical Engineering, VSSUT, Burla
Mr. Veda Prakash
Asst. Prof., Chemical Engineering, VSSUT, Burla
Mr. Anil Kumar Murmu
Asst. Prof., Chemical Engineering, VSSUT, Burla
Dr. Lipika Parida
Asst. Prof., Chemical Engineering, VSSUT, Burla

Advisory Committee:
Prof. Kaustubha Mohanty, IITG
Prof. B. C. Meikap, IITKGP
Prof. Satyabrata Mohanta, IGIT, Sarang
Dr. Debasis Mallik, HINDALCO, Hirakud
Dr. Nabin Kumar Dhal, CSIR-IMMT, BBSR
Dr. Manish Kumar, CSIR-IMMT, BBSR
Dr. Prakash Kumar Sarangi, CAU, Imphal
Dr. Nagesh K. Tripathi, DRDO, Gwalior
Dr. Sanjukta Subudhi, TERI
Mr. Gobardhan Mohapatra, MCL

Local Advisory Committee:
Prof. P. K. Hota, Dean School of Computer Sciences
Prof. P. C. Swain, Dean School of Infrastructure & Planning
Prof. D. Mishra, Dean School of Mechanical Sciences
Prof. S. Panda, Dean School of Electrical Sciences
Prof. J. P. Panda, Dean School of HS & Basic Sciences
Shri Tularam Kalet, OFS-1 (SB), COF

Student Coordinators:
Saswat Kumar Pradhan
Divyajyoti Barik
Shubham Indoria
Gyanesh Patro
Nitish Kumar Pradhan
Manik Panda
Amisha Mohanty
Sutapa Nahak
Shakti Prasad Satpathy
Bhakta Chandan Pati
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
E-mail : nccbs.vssut@gmail.com
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

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).

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.

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.

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

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).

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

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

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 @ Rs 700/- 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.

Address for All Correspondence

Dr. Krushna Prasad Shadangi (Secretary)
For Publication: +91-8260557770
Ms. Nivedita Patel (Coordinator)
For Sponsorship: +91-9437550678
Dr. Lipika Parida (Coordinator)
For Registration: +91-9434372432
Mr. Amit Kumar Behera (Coordinator)
For Accommodation: +91-9438632360
Mr. Anil Kumar Murmu (Coordinator)
For Transportation: +91-7978729570
Mr. Veda Prakash (Coordinator)
For Certification & Site Visit: +91-7008035827
E-mail: nccbs.vssut@gmail.com

REGISTRATION LINK
https://forms.gle/ddaR4nGGhvUWrGuP8