

Background

The School of Life Sciences, Sambalpur University, is a premier institute renowned nationally and internationally for its study and research programs. Established in 1969 as the Centre of Integrated Study in Biological Sciences, it pioneered the merger of physical sciences with biology in higher studies. The School offers teaching and research programs in all major branches of Life Sciences, including Biochemistry, Physiology, Ecology, Microbiology, Molecular Biology, and Omics fundamentals. In addition to regular and Ph.D. programs in Life Sciences, the School introduced a regular Microbiology course in 2022. The faculty is committed to providing top-tier tertiary education and fundamental knowledge of the living world, advancing the health of the country, planet, and humanity. The mission is to promote research, innovation, communication, entrepreneurial skills, and mindset in students through lifelong learning, fostering responsible citizenship. The School addresses local problems, particularly environmental management, in collaboration with industries. It aims to establish a Biodiversity Conservation Centre and become a Centre of Excellence in Life Science Research in Eastern India. Medical Microbiology, focusing on the immune system's response to invading microorganisms, is a major research area.

Scientists, academics, technologists, and environmentalists from the state and across the country share experiences and innovations through a common forum. During the annual alumni meet, a national seminar is organized on a theme of current significance. Noted scientists and academics deliver talks on contemporary research, and young researchers receive awards for best oral and poster presentations.

This year's theme, "Contemporary Research in Life Sciences," focuses on resolving protruding research issues, local challenges, and ethical implications of new technologies. The gravest challenges confronting mankind are addressed through local issues and plausible solutions. The Congress is organized under the auspices of the School of Life Sciences, Sambalpur University, Jyoti Vihar, Burla, Odisha.

Focal Theme

The life sciences encompass a vast array of intellectual activities, a continuum extending from the search for the origin of life and the detailed structure of macromolecules that make life possible to understanding the total ecology of planet Earth. Millions of microorganisms, plant, and animal species interact in the air, soil, freshwater ponds and streams, and oceans, affording a never-ending variety of fascinating objects of study.

Contemporary research in health and life sciences drives significant advancements in our understanding of human biology, disease mechanisms, and innovative treatment strategies. This conference will focus on current trends in areas such as genomics, biotechnology, environmental science, personalized medicine, and public health. By integrating insights from cutting-edge research, it highlights how interdisciplinary approaches transform healthcare delivery and life sciences.

They adopt semester-system, based on continuous evaluation and device their own curricula. In addition, the School also produce Ph.D. and DSc. degrees in respective subjects. The School provides an admirable academic ambience in its campus to bring out the inner potential of the students for achieving excellence, carrying forward the wheels of the University system towards the attainment desired goals. The Infrastructural facilities provide all the contemporary requisites, including state-of-art laboratories, departmental seminar library, seminar hall, and other service-providing amenities. The School had been assessed and accredited with Centre of Excellence in past.

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National Conference On Contemporary Research in Life Sciences

December 7th-8th, 2024

Website: www.suniv.ac.in

Organized
by
School of Life Sciences,
Sambalpur University, Jyoti Vihar,
Burla – 768019, Odisha.

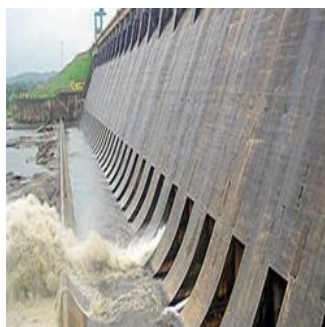


How To Reach

The Sambalpur University campus, Jyoti Vihar, Burla is situated 15 Km from Sambalpur city. Sambalpur city is well connected with direct train links with New Delhi, Kolkata, Chennai, Bhubaneswar and Raipur. The nearest airports are Jharsuguda (60 Km), Raipur (270 Km) and Bhubaneswar (320 Km). Besides, the nearest Railway station is Hirakud, which is about 3 Km from the Sambalpur University campus.

Places to Visit

The Hirakud Dam is built across the Mahanadi River, about 5 km from the Sambalpur university. Built in 1957, the dam is one of the world's longest earthen dam and the reservoir is extended 55 km long. On the bank of the river Mahanadi the mother goddess Samaleswari is worshipped from ancient times.



Technical Sessions

Contemporary Research in Life Sciences (Animal, Plant, Environmental, Agricultural, Microbial and Medical Sciences)

Programme Schedule

Day 1 (December 7th, 2024 - Saturday)

08:30 am - 10:00 am	Registration
10:00 am - 10:50 am	Inaugural Function
10:50 am - 11:00 am	Tea Break
11:00 am - 11:30 am	Invited talk I
11:30 am - 12:00 Noon	Invited talk II
12:00 pm - 12:30 pm	Invited talk III
12:30 pm - 01:00 pm	Invited talk-III
01.00 pm-1.30 pm	Invited talk IV
01.00 pm-2.00 pm	Lunch break
02:00 pm - 03.00 pm	Poster session
03:00 pm – 04:00 pm	Oral session
04.00 pm – 5.00 pm	Valedictory Function

Day 2 (December 8th, 2024)

Invited talk V
Alumini meet

Calls for Abstract

Research papers on the themes mentioned above or any other broad theme may be submitted for presentation in the conference. All research papers will be reviewed by a panel of experts and the accepted abstracts will be published in the conference proceedings abstract book of CRL-2024. The abstract of the research paper should not exceed 300 words. The abstract should be submitted in MS-word format single column with the name of the authors and their affiliation (Times New Roman, 12 font size, 1.5 line space) to the Convener, CRL-24, by e-mail smaranika2010@suniv.ac.in). The name of presenting author should be underlined.

Address for Correspondence

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**Venue: Mini Auditorium, Sambalpur University,
Jyoti Vihar, Burla – 768019, Odisha.**

REGISTRATION FORM

Name:.....
Designation:.....
Institution (if any):.....
Mailing address:.....

City:
Pin Code:
Mob:.....
Email:.....
Title of the paper (Oral/Poster):.....

Payment details:

Amount: Rs.
D.D. No. / UPI transaction details.....
Date.....
Bank.....

Registration Fee:

Delegates (Academic/Industry) Rs.1000/-
Research Scholars Rs.750/-
Students Rs. 300/-

Signature with date.....

OR

Scan the QR code for Registration
via Google Forms or
Click the Link below:



https://docs.google.com/forms/d/e/1FAIpQLSdOCrPMbooW_N95du89WFKHiEbKv3rSiSlCzidX29yfpGoZpGw/viewform?usp=sf_link

N.B.: Demand draft to be drawn in favour of The Convener, CRL-24, payable at SBI, Jyoti Vihar Branch. One can also transfer the amount via UPI transaction, in the name of **CRL-24, SBI A/c No. 43502217721; IFSC: SBIN0006672 (Jyoti Vihar Branch, Burla)** and send the screen shot to the WhatsApp No. 7008394784 stating name and place.

Please send this registration form along with the bank draft/ UPI transaction details to the Convener, CRL-24 (e-mail smaranika2010@suniv.ac.in), School of Life Sciences Sambalpur University, Jyoti Vihar, Burla 768019, Odisha, India so as to reach on or before 20th November, 2024.

Sambalpur University: At A Glance

The long-cherished dream of the people of Western Odisha for establishment of a University got translated into reality when the Sambalpur University started functioning on 1st January, 1967. Though the university was operating initially in a Government building at Ainthapalli, Sambalpur, it was shifted to the present campus at Jyoti Vihar, Burla in the year 1973. The territorial jurisdiction of the University covers six districts of the state, namely Sambalpur, Sundergarh, Jharsuguda, Deogarh, Bargarh, Boudh, and Athamallik sub-division of Angul District.. The captivating beauty of the campus with hillocky environs, lush green and gorgeous skies capture the attention of the visitors.

