



JSS Academy of Higher Education & Research

(Deemed University) Accredited 'A+' Grade by NAAC
Sri Shivarathreshwara Nagara, Mysuru – 570015, Karnataka, India

SCHOOL OF LIFE SCIENCES, MYSURU

International Microbiology Conference



MICROCOSM 1.0

*“Innovating Microbial Solutions
towards a Sustainable Future”*

Hybrid Conference: November 15-16, 2024

Venue: Sri Rajendra Auditorium

JSS College of Pharmacy, Mysuru

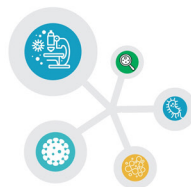
Pre-conference Workshop: 14th November 2024

**Organised by
Department of Microbiology**

Scan the QR Code
for Registration and
Other Details



A+	24th University Category	SDG-3 1 in WORLD	Overall 101-200 2 in INDIA	350	101-150 701-720	EXCELLENT 2022-2024	RANKED 2024	801-1000 25 in INDIA	501-600 801-1000	351-400 5 in INDIA	251-300 27 in INDIA



About the Conference

International Microbiology Conference – Microcosm 1.0 is organised by the Department of Microbiology, JSS AHER, Mysuru on the theme 'Innovating microbial solutions towards a sustainable future'. Microbiology holds profound importance in today's world, influencing diverse facets of human life and global sustainability. It plays a pivotal role in healthcare, from developing vaccines and antibiotics to understanding microbial diseases and combating antibiotic resistance. Microbiology is indispensable in advancing sustainable practices, improving public health, and mitigating environmental challenges, making it a cornerstone of modern scientific progress and societal well-being.

This event will convene leading scientists, researchers, and industry experts from across various sectors of Microbiology. The conference will showcase visionary keynote speeches, rigorous scientific presentations, and dynamic discussions centered on unlocking the potential of microbes to tackle urgent global challenges. Attendees will explore cutting-edge biotechnological applications in agriculture, healthcare innovations, environmental remediation breakthroughs, and advancements in industrial processes. The event will foster collaboration and knowledge exchange, aiming to propel sustainable development through pioneering microbiological research. It is anticipated to highlight the critical role of microbiology in shaping a more eco-friendly and resilient future for generations to come.

About JSS AHER, Mysuru

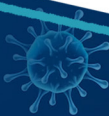


JSS Academy of Higher Education & Research (JSS AHER) in Mysuru, Karnataka, stands as a beacon of excellence in education and research in Southern India. Established under the aegis of JSS Mahavidyapeetha, in the year 2008 under Section 3 of the UGC Act of 1956, accredited by NAAC with A+ Grade and ranked 24th by NIRF, Ministry of Education, Govt. of India. A prominent educational organization, JSS AHER is committed to nurturing future leaders across various disciplines. The academy offers a wide array of undergraduate, postgraduate, and doctoral programs in fields ranging from medicine, pharmacy, and dentistry to life sciences, management, and humanities. With state-of-the-art facilities, experienced faculty, and a robust research ecosystem, JSS AHER provides students with a conducive environment for academic growth and innovation. Beyond academics, the academy emphasizes holistic development

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through extracurricular activities, community engagement initiatives, and international collaborations. Situated in the culturally rich city of Mysuru, JSS AHER provides students with a unique blend of academic rigor and cultural heritage, preparing them to excel in their chosen fields and contribute meaningfully to society. The School of Life Sciences under the umbrella of the academy was established in 2013 and has recently earned the Times Higher Education World University Rankings 901-1000 by subject in 2024.

About School of Life Sciences, Mysuru



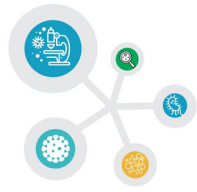
The School of Life Sciences was established in the year 2013 with the blessings of His Holiness Jagadguru Sri Shivarathri Deshikendra Mahaswamiji, the Chancellor of JSS Academy of Higher Education & Research, Mysuru. The school stands today as a unique institution in the country known for multidisciplinary and interdisciplinary teaching and research in life sciences. The SLS is enunciated in the JSS Academy of Higher Education & Research Strategic Planning Framework. It has a vision and a mission of achieving national and international distinction while strengthening local relevance. The unique courses offered under National Education Policy 2020 covers a wide spectrum of biochemical, biomedical, and environmental sciences areas. In addition, many value-added programs have been initiated in the SLS, Mysuru to further provide additional knowledge, which is in alignment with United Nations Sustainable Developmental Goals (UN-SDGs).

About Department of Microbiology

Division of Microbiology was established in 2013 & in the year 2020 was Recognised as Department of Microbiology. Department offers Under-graduation (B.Sc and B.Sc. Hons), Post-graduation (M.Sc) and Ph.D. degrees in Microbiology. The department focuses and emphasizes vibrant teaching, learning & an interactive environment between students and faculty. The faculties are specialized in different fields of Microbiology viz., Mycology, Plant Pathology, Epidemiology, Clinical Microbiology, Herbal Drug Technology for Gastrointestinal Disorders, Biofilm Development, Probiotics, Human Microbiome Studies & Functional Genomics, Microbial Characterisation of Water Sources, Mycorrhizal Association and Bioremediation. The faculty are dynamic and received grants and fellowships from reputed National and International agencies. The Department actively hosts activities such as research talks, seminars and lecture series and offers consultancy services.



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Conference Focus

- Microbial Biotechnology and Nanotechnology
- Artificial Intelligence, Bioinformatics and MultiOmics in Microbiology
- Infectious Diseases and Public Health
- Microbiome and Antimicrobial Resistance
- Microbial Literacy and Education
- Entrepreneurship and Innovations in Microbial Sciences
- Food Microbiology and Food Safety
- Applied and Environmental Microbiology
- Industrial and Fermentation Microbiology
- Medical Microbiology and Immunology
- Agricultural and Veterinary Microbiology

Who can attend?

Academics, faculty, researchers & post-doctoral fellows, industry enthusiasts, UG & PG students, research scholars from various colleges, universities, research institutes across India and abroad can attend.

Why attend?

Knowledge sharing

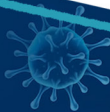
Exposure to cutting-edge research and industry trends

Networking opportunities

Career opportunities

Professional development

Enhancement of skills



Registration details

Category	Early Bird		Late Bird/On spot	
	(in Rs.)	(in US \$)	(in Rs.)	(in US \$)
UG/PG/Ph.D. Scholars	1500	35	1700	40
Research Associates/Post-doctoral fellows	1700	40	1900	45
Faculty/Academicians/Scientists	2300	55	2500	60
Industry personnel	4000	95	5000	120

Registration is online. Log onto the conference webpage for registration and conference details: <https://microcosm.azurewebsites.net/index.html>

Call for Abstracts for Oral & Poster presentations

Participants are invited to submit their abstracts for poster/oral presentation. The abstracts must be in English and within the scope of the conference themes and subject areas. Abstracts must be submitted electronically and will be evaluated via a blind peer review process. Best 20 abstracts will be selected for Oral presentation during the conference.

For instructions on Abstract format and submission deadlines, refer link above:

Important Dates

	Dates
Registration Early Bird	30 th October 2024
Registration Late Bird	5 th November 2024
Abstract submission	30 th October 2024
Selected abstracts intimation	5 th November 2024

Pre-conference Workshop

A pre-conference workshop 'Superheroes against superbugs' is organised on 14th November 2024 for UG/PG/Ph.D scholars. The number of participants are limited to 60 based on first come first serve with an additional fee of Rs. 200. The workshop is for Indian nationals only and entirely physical mode. For more details and registration, log onto the conference webpage.

Venue for the workshop: Auditorium, School of Life Sciences
New Building, JSS AHER, Mysuru



Organising Committee

Chief Patron

His Holiness Jagadguru Sri Shivarathri Deshikendra Mahaswamiji

*Jagadguru Sri Veerasimhasana Mahasamsthana Mutt, Sri Suttur Kshetra
Chancellor, JSS AHER*

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Dr. B Suresh, *Pro Chancellor, JSS AHER*

Dr. Surinder Singh, *Vice Chancellor, JSS AHER*

Dr. B Manjunatha, *Registrar, JSS AHER*

Advisors

Dr. Vishal Kumar Gupta, *Dean (Academics), JSS AHER*

Dr. Prashant M Vishwanath, *Dean (Research), JSS AHER*

Convener

Dr. Raveesha KA, *Dean, Faculty of Life Sciences, Mysuru &*

Head, School of Life Sciences, Mysuru, JSS AHER

Organising Chairperson

Dr. Ashwini P, *Associate Professor & Coordinator, Dept. of Microbiology, JSS AHER*

Organising Secretary

Dr. Ann Catherine Archer, *Assistant Professor, & IAECF, Dept. of Microbiology, JSS AHER*

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Dr. Umamaheshwari S, *Assistant Professor, Dept. of Microbiology, JSS AHER*

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Dr. Jamuna Bai A, *Assistant Professor, Dept. of Microbiology, JSS AHER*

Dr. Jagdeepchandra S, *Assistant Professor, Dept. of Microbiology, JSS AHER*

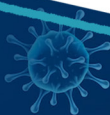
Dr. Sunita C Mesta, *Assistant Professor, Dept. of Microbiology, JSS AHER*

Dr. Manasa R Walmiki, *Assistant Professor, Dept. of Microbiology, JSS AHER*

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Accommodation

Accommodation and travel expense must be borne by the participants. Assistance on accommodation and travel will be provided to outstation participants.

Advertisement

Limited Space is available for advertisement in the Conference Abstract Book/Souvenir. Contact the organising secretary for more info.

Sponsorship/Co-sponsorship

Leading organisations, industries, equipment and consumables manufacturers, allied services are invited to sponsor the conference for lunch/dinner/registration kits etc. Names of sponsors/co-sponsors will be printed in the conference publication and displayed at the conference venue. Sponsors will be given free space for product display.

For More Information Contact

Dr. Ann Catherine Archer

Assistant Professor & India Alliance Early Career Fellow (IAECF)

Department of Microbiology, JSS AHER, Mysuru

Mob: 91 96869 91757 Email: archerann@jssuni.edu.in

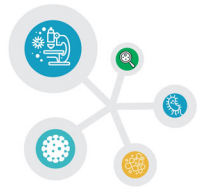
About Mysuru City

Nestled in the heart of Karnataka, India, Mysuru captivates visitors with its rich cultural heritage and scenic splendor. Known as the "City of Palaces," Mysuru boasts a regal ambiance characterized by its majestic royal residences, including the opulent Mysore Palace, a testament to its royal past. Renowned for its vibrant festivities, the city comes alive during the annual Dasara celebrations, showcasing a grand procession of adorned elephants, cultural performances, and traditional rituals. Mysuru is also a hub of learning and innovation, home to prestigious educational institutions and pioneering research centers. Surrounded by lush greenery and set against the backdrop of the Chamundi Hills, Mysuru offers a serene retreat, perfect for intellectual exchange and rejuvenation. Explore the charms of Mysuru, where history, culture, and modernity converge in harmony, making it an ideal destination for our conference.



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Places to Visit and local sightseeing in Mysuru



<https://karnatakaturism.org/tour-item/mysuru/>

How to reach Mysuru

- Mysuru is well connected by air, rail and road network from all over Karnataka.
- Mysuru airport is 11 kms from city centre and has flights from select cities such as Bengaluru, Chennai, Hyderabad, Goa and Kochi. Bengaluru and Kannur are two nearby international airports with better flight connectivity. (180 and 160 kms from Mysuru respectively)
- Mysuru has a railway station and is connected to Bengaluru and Mangaluru by train. Shatabdi Express covers the distance between Bengaluru and Mysuru in about two hours.
- Mysuru has excellent bus connectivity from major cities of Karnataka. KSRTC, Flybus and other private players have good connectivity to Mysuru.
- App based cycle rentals such as Trin Trin (<https://www.mytrintrin.com/>) can be used for short commutes. Self drive cars and bikes are available in Mysuru. Taxis can be hired to explore nearby attractions. Horse pulled Tanga rides are a popular mode of commute in Mysuru. KSTDC operates Mysuru city sightseeing tours (<https://www.kstdc.co/tour-packages/mysuru-sight-seeing-2/>).

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