



DAYANANDA SAGAR  
UNIVERSITY

# DSU PHARMACON 2024

EMERGING TOOLS AND TECHNIQUES

Organised by  
School of Health Sciences  
College of Pharmaceutical Sciences



In Association with



19<sup>th</sup> -20<sup>th</sup> December 2024

Venue : PC Sagar Auditorium, Campus - I  
Kumaraswamy Layout, Bengaluru - 560111, Karnataka



# ABOUT DSU Pharmacon 2024

**DSU Pharmacon 2024** is a premier conference dedicated to explore the cutting-edge tools and techniques shaping the pharmaceutical industry. This two-day event, scheduled for December 19th and 20th, 2024 will bring together renowned national and international experts to discuss the emerging tools and techniques in the field of pharmaceutical research.

The conference will feature engaging plenary sessions by renowned experts from industry and academia, panel discussions, and scientific presentations, covering a wide range of topics including pharmacological and toxicological screening, AI and computational modeling, formulation and development, nanomedicine, precision medicine, and global trends in botanicals.

Beyond the academic presentations, DSU Pharmacon 2024 will provide ample opportunities for networking and collaboration. The Pharma Expo will showcase the latest technological advancements and innovative solutions, while the oral and poster sessions will highlight current research from students and early-career professionals.

By fostering knowledge sharing, collaboration, and inspiration, DSU Pharmacon 2024 aims to contribute significantly to the advancement of pharmaceutical science and the development of novel therapies.

DSU Pharmacon 2024 offers a unique platform for faculty, researchers, students, and industry professionals to stay updated on the latest developments in the pharmaceutical industry and contribute to its growth.

## Who can participate?

Delegates from Health Care and Clinical services /Pharma Industry/Entrepreneurs – Startup / Research Scholars, Faculties – Pharmacy / Clinical Pharmacy / Health Sciences / Allied Health Sciences, Biotechnology, Life Sciences, AI / Bioinformatics and Bioengineering, Clinical Research Organizations.

## **About DSU**

Dayananda Sagar University (DSU) is a state private university having two campuses in Karnataka. DSU is a proud member of the Dayananda Sagar Institutions (DSI) family, founded by Late Sri Dayananda Sagar in the early sixties. DSI has morphed into a global education powerhouse, spread over four campuses, catering to the education needs of over 17,000 students. Operating under the aegis of the Mahatma Gandhi Vidya Peetha Trust in Bengaluru, DSI has enabled the transformation of tens of thousands of young Indians and international citizens into professionals in diverse specializations such as Health Sciences, Engineering, Computer Applications, Arts, and Management in the Bachelor, Master, and Ph.D. levels. Supporting the academic activities are the Centers of Excellence in Drug Discovery, Health Care, ICT, Energy, and Life Science, among other fast-evolving fields of study. Research, Innovation, and Incubation (spread over 25,000 sq ft of industry quality labs) form the core of DSU.

## **About COPS**

Dayananda Sagar College of Pharmacy was started in 1981 to cater to the needs of Pharmacy Education in India under Bangalore University, later Rajiv Gandhi University of Health Sciences, Karnataka. In the year 2015, the institution was renamed “College of Pharmaceutical Sciences” and merged as a branch of the School of Health Sciences, affiliated to Dayananda Sagar University. The college is recognized by PCI, New Delhi; and the Government of Karnataka; It is also a recognized Scientific and Industrial Organization by DSIR, Govt of India. The COPS offers B. Pharm, M. Pharm, Pharm D, and Ph.D. programs in Pharmaceutical Chemistry, Pharmacology, Pharmaceutics, Pharmacognosy, RA, Pharmacy Practice and Pharmaceutical Analysis. The College has vibrant clusters of innovation ecosystems focused on drug discovery and development; in collaboration with industrial partners and research organizations. It also has an excellent pharmacy practice department dedicated to the betterment of the healthcare community in association with Sagar hospitals, and Dr. Chandramma Dayananda Sagar Institute of Medical Education and Research.

## **About IBioM**

IBioM (Indian Biotech and MSME Association) is an entity that assists entrepreneurship in Life Sciences / Biotechnology Sector. The aim is to chaperon startups from their early stages to steadily move along to the stages of MSME and beyond where possible. Furthermore, IBioM offers a chance to explore channels for Governments and various funding agencies to help move startups literally from the street levels to scaleups as well as to sustain MSMEs in various areas of Life Sciences across India.

## **About KSPC**

The main objective of Karnataka State Pharmacy Council is to regulate the professional practice to ensure only qualified registered Pharmacist would enter the profession to provide service to the patient. The Karnataka State Pharmacy Council, Bengaluru is unique in its activity in terms of technology. It has created Digitalization of KSPC Services through mobile App. It has started a number of initiatives like Pharmadisha-An orientation program for 1st M. Pharmacy students; Best Student Gold Medal award for B. Pharm and M. Pharm; Grants for Seminar and Travel; Scholarship program; Set up 5 Drug Information Centers; Launched Continuing Pharmacy Education

## OBJECTIVES

- Share latest advancements in pharmaceutical sciences
- Develop skills in emerging pharmaceutical technologies
- Foster networking and collaboration among researchers
- Explore career opportunities in the pharmaceutical industry

## EXPECTED OUTCOMES

- Knowledge sharing through presentations and discussions
- Establish research collaborations
- Develop skills in the various areas like pharmacology and nanomedicine to support the transition from bench to bedside.
- Opportunities for career advancement for students and professionals

## BENEFITS FOR ATTENDEES

- Engage with industry pioneers to acquire information on cutting-edge research
- Networking with industry experts
- Potential career opportunities
- Inspiration for innovative research
- A venue to observe the sophisticated bio analytical instruments & Start - ups from leading global manufactures and an occasion to interact in shaping the R&D facility and for business exchange.
- Selected abstracts will be published as full length article in a peer reviewed Journal

# SCIENTIFIC SESSIONS

## Session Tracks

- 1 Pharmacological and Toxicological Screening
- 2 Unlocking the Potential of AI and Computational Modeling & Simulation in Pharmaceutical Development
- 3 Formulation and Development, Nanomedicine & Advanced Drug Delivery Systems
- 4 Precision Medicine
- 5 Global research trends in the field of botanicals - challenges and opportunities
- 6 Cell biology and Proteomics
- 7 Quality Assurance & Regulatory Affairs

## Highlights of the Convention

- 1 National and International Speakers
- 2 Plenary Sessions
- 3 Panel Discussion
- 4 Pharma Expo
- 5 Scientific Presentations (Oral /Poster)
- 6 Awards and Cash prizes
- 7 Special track for PhD scholars for oral presentation.

For Awards Click the below Link

<https://forms.gle/tE3xSR2WzhcscwuV9>

## Distinguished Awards in Research

Student  
Researcher  
Award-2024

Teacher-Researcher  
Award-2024  
(Age limit < 35 Years)



## SCIENTIFIC PRESENTATIONS

### ORAL

First ₹ 3000/-  
Second ₹ 2500/-  
Third ₹ 2000/-

### POSTER

First ₹ 2500/-  
Second ₹ 2000/-  
Third ₹ 1000/-

# ABSTRACT SUBMISSION GUIDELINES

- Please read carefully and follow the guidelines provided below for submission of abstracts for poster / oral presentation.
- The research work included in the abstract should not have been published earlier
- Ensure that it is original and does not contain copied/plagiarized content.
- Only one abstract per presenting author will be accepted.
- Abstracts submitted by registered participants will only be considered.

## GUIDELINES FOR PREPARING ABSTRACT BODY TEXT - (Times new roman, font size 12)

- Title: The title should be concise and informative, and should accurately reflect the content of the abstract.
- Presenting Author, Co-Authors (Do not use Dr/Mr/Ms etc before names, underline the presenting author), Department, Organisation, Address, City, Country.
- Abstract body text shall be arranged under the following heading and in the order as described.
- Introduction: A brief description to provide background information to understand the research work submitted.
- Methods: Briefly, describe the experimental work done.
- Results: Discuss the data resulting from the research work, one figure or table can be included.
- Conclusions: Should highlight the significance of your results.
- Keywords: Provide 3-4 keywords.
- Restrict abstract body text to A4 size one page document with a maximum of 300 words. Font style of Times New Roman with a font size of 12, single line-spacing shall be used.
- Abstracts that run into 2 or more pages would be rejected.
- Guidelines for the preparation of poster and templates for oral/poster will be shared later.
- Best paper awards (oral and poster) will be given in form of certificate and cash prize.

**Poster Pitch**- For the selected Poster Pitch presenter, 3 minutes will be allotted during the technical session for presentation while Q&A will be held at your poster.

Extended Date:  
Abstract Submission : 05/ 12/2024  
Notification of Acceptance of Abstracts: 10/ 12/2024

ABSTRACT SUBMISSION  
&  
REGISTRATION  
**OPEN**

[Click here for Abstract Submission](https://forms.gle/M2m3URTJfMRaqETB7)  
<https://forms.gle/M2m3URTJfMRaqETB7>

[Click here for Registration](https://forms.gle/aMKVKLMaJY3Nx4UJ7)  
<https://forms.gle/aMKVKLMaJY3Nx4UJ7>

# ORGANIZING COMMITTEE

<b>Patrons</b>	Dr. Hemachandra Sagar, Chancellor, DSU Dr. Premachandra Sagar, Pro Chancellor, DSU
<b>Advisory Committee</b>	Dr. Amit R Bhatt Vice-Chancellor, DSU Dr. Puttamadappa C, Registrar, DSU Dr. Pushpa Sarkar, Dean, SHS, DSU Dr Jagadish Mittur, President, IBioM Dr S Kranti Kumar, Registrar, KSPC
<b>Organizing Chairman</b>	Dr. Kalpana Divekar, Professor, COPS, DSU
<b>Convener</b>	Dr. Sonal Dubey, Professor, COPS, DSU
<b>Co-Convener</b>	Dr. Prashant Tiwari, Associate Professor, COPS, DSU

## COMMITTEE CO-ORDINATORS

<b>Registration</b>	Dr. B Wilson
<b>Scientific</b>	Dr. Vanaja K
<b>Stage &amp; Venue</b>	Dr. Geetha K M Dr. Kalpana Divekar
<b>Finance &amp; Treasurer</b>	Dr. Sonal Dubey
<b>Hospitality</b>	Dr. Shanaz Banu
<b>Sponsorship</b>	Dr. Sunil Kumar Kadri
<b>Print, Publicity &amp; Marketing</b>	Dr. M Vijay Kumar
<b>Logistics &amp; Transportation</b>	Dr. Prashant Tiwari
<b>Cultural</b>	Ms. Seema S Rathore
<b>Memento &amp; Kits</b>	Dr. Sajeev Kumar B

## MEMBERS

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19<sup>th</sup> | 20<sup>th</sup>  
December 2024

## DIGNITARIES



### Chief Guest

**Dr. Montukumar M Patel**

President  
Pharmacy Council of India

## Guests of Honour



**Dr. Jayakara Shetty M**

Vice-Chancellor  
Bangalore University



**Dr. Deependra Singh**

Chairman  
Education Regulation Committee  
Pharmacy Council of India



**Dr. Jagadish Mittur**

President, IBioM



**Dr. S Kranti Kumar**

Registrar,  
Karnataka State Pharmacy Council

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## SCIENTIFIC SESSIONS



**Dr. Subrahmanyam Vangala**

Co-Founder & Director  
Reagene Innovations  
Pvt. Ltd, Bengaluru



**Dr. Nagasuma Chandra**

Professor  
Dept. of Biochemistry  
IISC, Bengaluru



**Dr. Thadeu Costa**

Public Health Technologist  
Fiocruz, Rio de Janeiro,  
Brazil



**Dr. Prashanth G N**

Senior Vice President  
Corporate Quality  
Granules India Limited  
Hyderabad



**Dr. Vijayakanth**

Senior Vice President and  
Head R&D, Steriscience  
Bengaluru



**Dr. Deepak M**

Head R&D  
Natural Remedies  
Bengaluru



**Dr. K Ruckmani**

Director,  
Centre for Excellence in  
Nanobio Translational Research  
Anna University  
Tiruchirappalli, TN



**Dr. Taruna Madan Gupta**

Head ICMR-Division of  
Development Research  
Govt of India  
New Delhi



**Dr. Nirnith Devireddy**

CEO & Founder  
In Silico Minds  
Hyderabad

# DSU PHARMACON 2024

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## SPONSORSHIP OPPORTUNITIES

**PLATINUM SPONSOR**  
₹ 150,000/-

- Showcase your logo and company details to the event Standee, promote your services, Banner of the organization
- Company name as Partner in all the Promotional Material and Website.
- Full page coverage in the Abstract book
- 5 Complimentary Registrations
- Company products, leaflets and brochures will be distributed in the Participant Kit
- Advertisement at Main Venue

**GOLD SPONSOR**  
₹ 100000/-

- Showcase your logo and company details to the event Standee, promote your services, Banner of the organization
- Company name as Partner in all the Promotional Material and Website.
- Full page coverage in Abstract Book
- 4 Complimentary Registrations
- Company products, leaflets and brochures will be distributed in the Participant Kit

**Silver Sponsor**  
₹ 75,000/-

- Showcase your logo and company details to the event attendees, promote your services and Banner of the organization.
- Company information, brochures, or other materials distributed at the event Venue
- Half page coverage in Abstract Book
- 3 Complimentary Registrations
- Company products, leaflets and brochures will be distributed in the Participant Kit

**Associate Partner**  
₹ 50,000/-

- Showcase your logo and company details to the event attendees, promote your services and Banner of the organization.
- 3 Complimentary Registrations
- Company Logo on the memento
- Company products, leaflets and brochures will be distributed in the Participant Kit

**Stalls**  
₹ 25,000/-

- Company information, brochures, or other materials distributed at the event Venue
- 2 Complimentary Registrations
- Advertisement Standee and Scientific Session Venue

**General Sponsor**

₹ 20,000/-

- Half page coverage in the Abstract book
- Name of the Company on Sponsors banner

**Session Sponsor**

₹ 15,000/-

- Name of the Company on Sponsors banner
- The scientific session will be the title after the Organization

**Company Profile Presentation Slot**

₹ 15,000/-

- Name of the Company on Sponsors banner
- 10 min Session on Main stage

Organizing Chairman : Dr. Kalpana Divekar : [ppl-pharmacy@dsu.edu.in](mailto:ppl-pharmacy@dsu.edu.in)

Convener : Dr. Sonal Dubey : [dsu-pharmacon@dsu.edu.in](mailto:dsu-pharmacon@dsu.edu.in) | +91 9035500090

Co-Convener : Dr. Prashant Tiwari : [dsu-pharmacon@dsu.edu.in](mailto:dsu-pharmacon@dsu.edu.in) | +91 7828865022

**Sponsorship registration form :** <https://forms.gle/Er9sfgZ5GF7ag4yK7>

# BENGALURU ATTRACTIONS



## VIDHANA SOUDHA

Vidhana Soudha houses the state legislature of Karnataka, constructed in the Neo-Dravidian style of architecture this is one of Bangalore's most imposing buildings. The Vidhana Soudha is known for the intricate woodwork on the insides of the building, including the Sandalwood door to the cabinet room and the speaker's chair that is made out of Rosewood from Mysore.



## BANGALORE PALACE

If you wish to see a replica of the Windsor Castle in the middle of India, complete with Tudor and Scottish Gothic architecture, granite turrets, towers and battlements then a visit to the Bangalore Palace is a must. Spread over a rambling 430 acres the Bangalore Palace was acquired by the King Chamarajendra Wodeyar in 1873 from its original owner Reverend J Garret who was then the principal of the Bangalore Central High School.



## LALBAGH

Literally translated as the "Red Garden" this is one of the star attractions of the city of Bangalore, the Lalbagh Botanical Gardens are spread over a sprawling 96 hectares and is rich in a variety of flora. This park was founded by Hyder Ali in the year 1760 who commissioned it as a private retreat for himself and wanted it be along the lines of the Mughal Gardens in Delhi. Tipu Sultan, Hyder Ali's son completed this garden and named it Lalbagh due to its profusion of red roses.



## BANNERGHATTA NATIONAL PARK

Bannerghatta Biological Park Bangalore is a unique region of ecological importance as it's situated on the northern terminal point of Mysuru Elephant Reserve. The Park plays a major role in conservation of rich floral, faunal diversity, sequester carbon and sustains regional hydrology. At present over 2300 animals belonging to 102 species are being protected in naturalistic environment and provided with veterinary care at the Park.



## NANDI HILLS

Nandi Hills, or Nandidurg, is a hill fortress in the south Indian state of Karnataka. Tipu Sultan Fort, a summer retreat of the namesake 18th-century ruler, features stone carvings and wall paintings. Prisoners are said to have been thrown to their death from Tipu's Drop, now known for its panoramic views. Local Hindu temples include the hilltop Yoga Nandeeshwara Temple, guarded by a huge statue of a bull (nandi)

## Fees & Important Dates

	Till 30th Nov 2024	After 30th Nov 2024	Spot Registration
Research Scholars / Students	₹ 1500/-	₹ 1800/-	₹ 2000/-
Faculty	₹ 2000/-	₹ 2500/-	₹ 3000/-
Industry	₹ 3000/-	₹ 4000/-	₹ 5000/-
International Delegates	\$ 100/-	\$ 150/-	\$ 200/-

Last Date : Abstract Submission : 05/12/2024  
Notification of Acceptance of Abstracts : 10/12/2024

### Payment Details

Name : Dayananda Sagar University

A/c No : 100044771729

IFSC Code : INDB0000166

Bank Name : INDUSIND Bank

Branch : Malleshwaram, Bangalore



Scan for Payment

Students Committee



### Enquiry / Contact Us

1.Convenor: Dr. Sonal Dubey, +91-9035500090, E-mail: dsu-pharmacon@dsu.edu.in

2.Co-Convenor: Dr. Prashant Tiwari, +91-7828865022, E-mail: dsu-pharmacon@dsu.edu.in