



MANGALORE UNIVERSITY

Accredited by NAAC

DEPARTMENT OF BIOSCIENCES MICROBIOLOGY PROGRAMME

ALVA'S TRADITIONAL MEDICINE ARCHIVE (ATMA) & RESEARCH CENTRE
A WING OF ALVA'S AYURVEDA MEDICAL COLLEGE
A UNIT OF ALVA'S EDUCATION FOUNDATION ®, MOODUBIDIRE

Jointly organises

“Swasthya Sampada - 2025”

“ಸ್ವಾಸ್ಥ್ಯ ಸಂಪದ – 2025

National Conference
on

Plant Taxonomy and Pharmacognosy Relevance to Mankind

Date: 12th – 13th December, 2025

Venue: Mangalore University
Mangalagangothri, Konaje

MANGALORE UNIVERSITY:

Mangalore University was established on 10th September, 1980 is located at Mangalagangothri, about 20 km from Mangalore city. The scenic campus overlooks the Nethravathi River, the Arabian Sea and the Western Ghats. The university has made remarkable progress in the field of higher education and research. The campus houses key facilities like a Modern Library, Science Instrumentation Centre, Microtron Centre, three premier research centers such as Microtron, CARRT and CARER supported by national agencies.

DEPARTMENT OF BIOSCIENCES:

The Department of Biosciences, established in 1969, has evolved into a major centre for research and teaching in life sciences. The Department offers five M.Sc. and Ph.D programs namely Bioscience, Biotechnology, Microbiology, Environmental Science and Food Science and Nutrition. About 600 Microbiology post graduates and 20 PhD degree are awarded in Microbiology.

Alva's Education Foundation ® (AEF): is an educational registered trust established in the year 1995 with the intention of creating better tomorrow for next generation. The Foundation is headed by Dr. M. Mohan Alva, who is a doctor by profession and socially well known for his distant vision.

Alva's Ayurveda Medical College & Hospital was established in the year 1996. The Research & Development Unit of the institution started in 2006, which is expanded in 2019 and is named as Alva's Traditional Medicine Archive & Research Centre (ATMA Research Centre). The thrust areas of research are traditional medicines, drug discovery and development, pre-clinical and clinical studies based on the principles of Ayurveda. The research area has expanded by the scientific study of fly biology, Nano technology and many such related advanced topics of interest. The research centre has been involved in the industry-academia collaborative research and consultancy activities. The ATMA research centre has been ISO certified for the quality standards in research.

Shobhavana, an arboretum, spread across 7 acres of land, comprising more than 1,000 varieties of medicinal plants in different Vanas like

Nakshathra Vana, Rashi Vana, Shiva Panchakshari Vana, Navagraha Vana and Ganesha Vana etc. It also has theme based gardens like Bird's garden, Butterfly garden and Folklore garden with various fruiting, flowering and locally used traditional plants respectively. Alva pharmacy which produces more than 150 herbal preparations.

ABOUT THE CONFERENCE:

Plants have been an integral part of traditional systems of medicine and modern drug discovery. The science of **Plant Taxonomy** plays a crucial role in the accurate identification, classification, and nomenclature of medicinal plants, forming the foundation for quality assurance and standardization. **Pharmacognosy**, on the other hand, bridges traditional knowledge and modern pharmaceutical science by exploring the structure, function, and bioactive potential of natural resources. In the current era of evidence-based healthcare and global interest in herbal medicine, strengthening these disciplines is essential for research, drug development, and conservation of biodiversity.

Every domain of knowledge is being studied now-a-days in different angles and multiple dimensions. Acharya Sushruta says that -

एकं शास्त्रमधीयानो न विद्याच्छास्त्रनिश्चयम् ।

तस्माद्बहुश्रुतः शास्त्रं ||Su.Su.4/7||

one cannot get complete knowledge by studying single Shastra, one should study all relevant Shastra to get complete knowledge. This shows the integrated approach was there during ancient days. This seminar also intended to collaborate each with different scientific arena.

This National Seminar aims to provide a platform for academicians, researchers, students, and industry experts to exchange knowledge, share research advancements, and explore innovative approaches for the sustainable use of nature's pharmacy for a healthier future. Unless the studies are made with microbes, navel compounds or traditional ayurvedic medicines cannot be revaluated. Therefore Pharmocognosy is a part of microbiology in the recent syllabus. First time in the conventional university microbiology department is

organising the pharmacology-microbiology conference to bring researchers, academicians and industries together.

THEMES:

- ❖ To amalgamate Indian research community working in the field of Natural products.
- ❖ To encourage successful collaborations with industry by exposing researchers.
- ❖ To promote researchers to find out new compounds for drug development (Phyto-chemicals, Microbial metabolites & Animal sources) in health disorders and diseases.
- ❖ Isolation and characterization of new bioactive molecules from Plant, Microbe & Animal sources.
- ❖ Traditional and Ayurvedic modalities
- ❖ Pharmacology & Toxicology: Immune therapeutic studies
- ❖ Fermentation Technology: Novel bioactives, biocatalysts for health and agriculture from novel endophytes and extremophiles desired metabolites, Enzymology, Biotransformation, Enzyme immobilization and bioprocesses development of drugs.
- ❖ Nutraceutical Technology: Micronutrients in ageing and chronic diseases, use of nutraceuticals in cancer therapy, Prebiotic, Dietary fiber, Omega 3 fatty acid, Antioxidants etc.
- ❖ Bioengineering: Biomaterials, Bio-products, Peptides, Proteins, Antibiotics, Bio-pesticides, Vaccines, Monoclonal Antibodies, Plane Tissue Culture, for developing hairy root cultures for production of metabolites.
- ❖ Nanotechnology: Usages of Nanotechnology in Medicine: Nanoparticle, Nanoencapsulation, Nanoemulsion, Enhancing nutraceuticals and bioactive compounds to improve human health.
- ❖ Biodiversity: Conservation of biodiversity/ farming of plant (or) animal species and to prepare database of Pharmacognosy.
- ❖ Relations of Yoga and meditations, Physiotherapy, alternative medicines and healings in human health care.

DATE and VENUE

12th to 13th December, 2025

Mangalore University, Mangalagangothri - 574 199, Karnataka

CALL FOR PAPERS

Scientists, college and university teachers, research fellows, research scholars, students and conservation professionals are invited to submit abstracts on the given themes of the conference. The abstract shall be approximately 300 words, containing the title, author's name, affiliation and key words, shall reach the organizers by email: ncswasthya2025@gmail.com latest by 30th November 2025. The abstract should be submitted in MS WORD 97-2003 (Times New Roman: - Title: 14pt. bold text; Affiliation: 12pt., Bold text; Text: 12pt. Single space, normal font) Name of the presenting author should be underlined in the abstract. Acceptance of the paper is subjected to the scrutiny by an expert committee, the criteria being relevance to the theme and timely receipt. The authors would be informed about the acceptance and mode of presentation

INSTRUCTION FOR PRESENTATION

Oral presentation is strictly 10 minutes, followed by 5 minutes of discussion. Prizes/Awards subject to committee.

IMPORTANT DATES

Last date for Registration & Abstract submission:

20th November, 2025

30th November, 2025 with 5% extra registration fee

Last date for full paper submission and publication in souvenir

with extra charges: 5th December, 2025

FOR BEST PAPER AWARD

REGISTRATION DETAILS

Undergraduate students, Postgraduate students, PhD scholars, and Teaching staff related to Ethno-medico-botany, Ayurveda, life sciences, traditional practioners and any allied sciences can participate.

REGISTRATION FEES

Under Graduate students	400 /-
Postgraduate students	500 /-
PhD scholars	800 /-
Post Doctoral Fellow	900 /-
Scientists/ Industrialists /Traditional Practitioners and Teaching staffs	1,000 /-

National Conference

“Swasthya Sampada - 2025”

Plant taxonomy and Pharmacognosy- Relevance to mankind

Date: 12th & 13th December, 2025

Email: ncswasthya2025@gmail.com

REGISTRATION FORM

NAME:

Designation:

Education qualification:

Department/ institution/ industry:

Address for communication:

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Email:

.....

Phone/Mobile No:

Abstract enclosed: YES/NO

Preference of stay: YES/NO

Accommodation is required YES/NO

Registration Payment: COORDINATOR

Name of the bank: State Bank of India

Branch: Mangalagangothri

IFSC: SBIN0008034

A/C. NO: 36312052132

Payment Receipt to be submitted



Station:

Signature

Date :

ACCOMMODATION

Accommodation at Hostel/Guest House with advance payment of Rs. 200/day (subject to ability). Special lodging arrangements at hotels on request with full payment by the participants.

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