# KUVEMPU UNIVERSITY

In Association with

# MANIPAL ACADEMY OF HIGHER EDUCATION

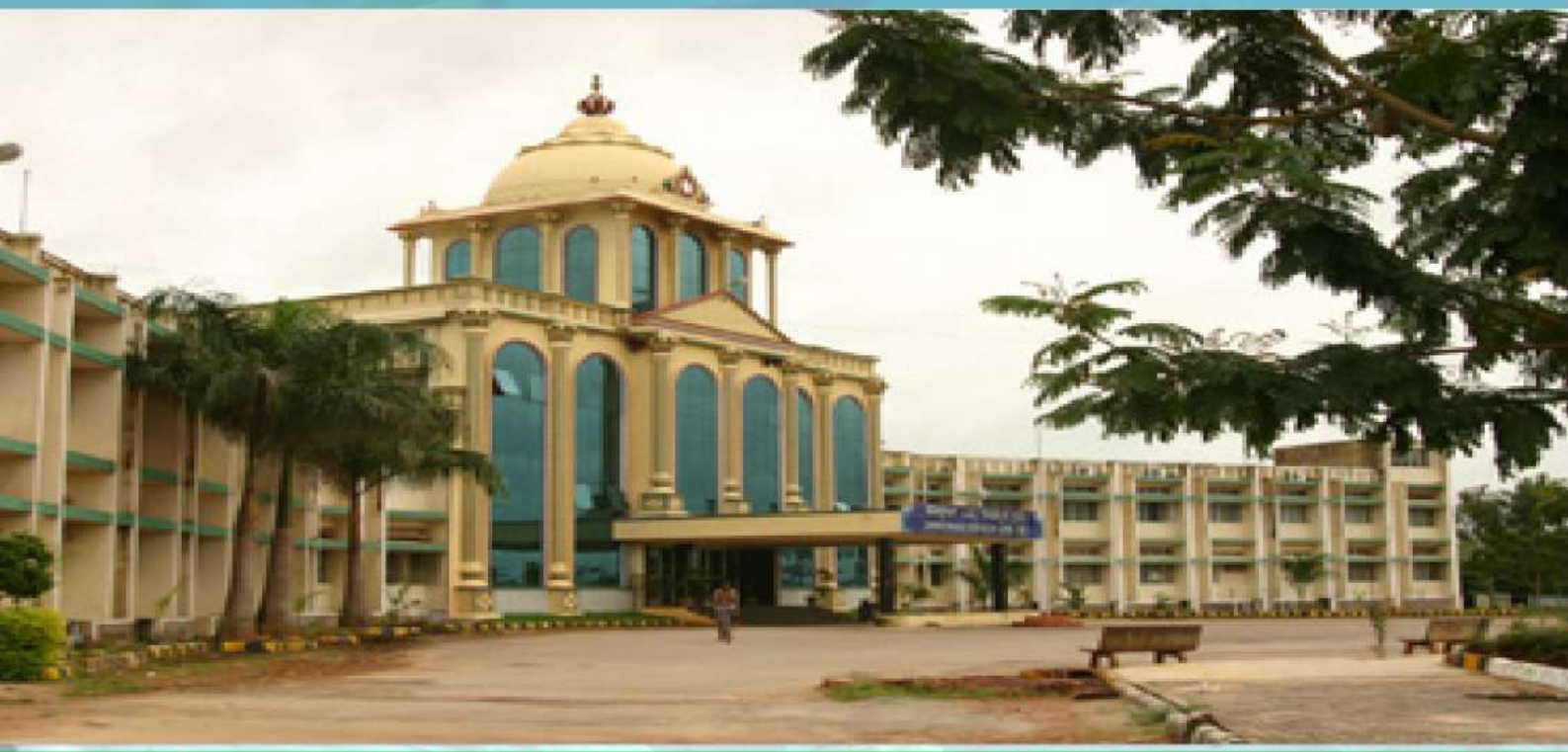
*Presents*

***ANRF-PAIR SPONSORED TWO DAY NATIONAL SYMPOSIUM ON***

# Molecular Medicine Frontiers:

## From DNA Damage to Drug Resistance and Disease Dynamics

## ANRF-PAIR THEME: ONE HEALTH



**VENUE: BASAVA SABHABHAVANA, KUVEMPU UNIVERSITY**

**DATE: 28 AND 29 NOVEMBER 2025**

**Time: 10:30 AM Onwards**

## ANRF-PAIR SPOKE INSTITUTIONS

## About ANRF-PAIR Sponsored Symposium:

The Anusandhan National Research Foundation's Partnerships for Accelerated Innovation and Research (ANRF–PAIR) program uses a hub-and-spoke model to strengthen India's research ecosystem. The initiative promotes interdisciplinary partnerships that address national priorities, foster technology development, and translate scientific discoveries into practical solutions.

Manipal Academy of Higher Education (MAHE), Manipal, serves as a Hub Institution, mentoring partner universities to enhance interdisciplinary collaboration, innovation, and research capacity nationwide.

Under this visionary program, **Manipal Academy of Higher Education (MAHE)**, has established an **ANRF-PAIR Hub-Spoke around the theme "One Health."** This network with MAHE as the HUB and Kuvempu University, Tumkur University, Mysore University, Goa University and Central University of Kerala embodies the integrated approach of One Health, emphasizing the integrated approach for achieving human, animal, and environmental health. This network over the next year will work on integrated and cross discipline projects ensuring mobility of researchers through workshops, symposia and skill development projects at HUB and SPOKEs as well as joint publications and project submissions. This Symposium is the second in a series of SYMPOSIA and workshops as a part of the network.

***Molecular medicine*** focuses on understanding diseases at the molecular and genetic level to develop precise diagnostic and therapeutic strategies. It integrates biology, chemistry, and bioinformatics to identify molecular mechanisms and design targeted treatments, marking a shift from symptom-based to mechanism -based healthcare. An integrated approach to molecular medicine unites multidisciplinary fields—such as genomics, proteomics, systems biology, and clinical medicine—to create a holistic understanding of disease. This approach fosters collaboration between laboratory research and clinical practice, accelerating translation of discoveries into personalized, effective medical solutions.

To highlight this interdisciplinary progress, **Kuvempu University,** in association with **Manipal Academy of Higher Education**, is organizing a Two-day National Symposium on "Molecular Medicine Frontiers: From DNA Damage to Drug Resistance and Disease Dynamics" under the **ANRF-HUB-SPOKE ON "One Health".**

## About Kuvempu University:

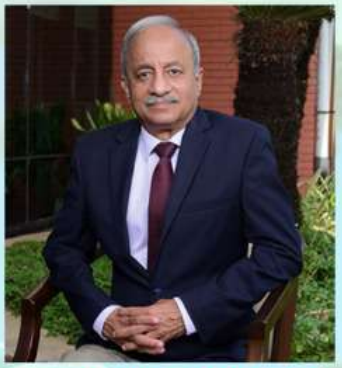
Kuvempu University, established in 1987, is a UGC-recognized State University named after the esteemed Kannada writer and Jnanapitha awardee, Shri Kuvempu. The university embodies this blend of tradition and modernity, symbolized by its emblem, Gajahamsa— a mythical creature representing the integration of knowledge and wealth. Serving the Shivamogga and Chikkamagaluru districts, it offers undergraduate, postgraduate, and Ph.D. programs across 35 departments in Arts, Commerce, Education, and Science & Technology. Located on a picturesque 230-acre campus at Jnana Sahyadri in Shankaraghatta, just 28 km from Shivamogga town and 2 km from the Bhadra Reservoir, the pollution-free environment fosters an ideal setting for higher education and research. Recognized as one of the premier universities in India, Kuvempu University is accredited by NAAC with an 'A' grade.

## About the Departments:

Kuvempu University's postgraduate science departments have significantly advanced research, innovation, and education. The **Biotechnology and Biochemistry** departments, supported by DBT and DST, excels in medicinal plant research and plant tissue culture and post harvest technology benefiting regional farmers. **Microbiology and Environmental science** leads studies on disease ecology, toxins, and biofertilizers with national funding. **Applied Zoology** emphasizes Genetics and biodiversity, integrating fieldwork and industrial training. The **Department of Pharmaceutical chemistry** pursues drug development and medicinal plant research. The **Computer Science** department pioneers research in AI, data mining, and image processing, preparing students for both academia and the IT industry. The **Electronics** department focuses on applied research in semiconductors and embedded systems, fostering technological innovation. Together, these departments exemplify Kuvempu University's mission to merge advanced science, interdisciplinary research, and community benefit with strong national and international collaborations, reinforcing its reputation as a center for academic excellence and sustainable innovation.

## CHIEF PATRONS:

**Prof. Sharath Ananthamurthy**
Hon'ble Vice Chancellor
Kuvempu University



**Lt. Gen. (Dr.) M. D. Venkatesh**
Hon'ble Vice Chancellor
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## ORGANIZING COMMITTEE:

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## Registration Details:

Registration is **strictly online.** Follow the link or scan the QR code to access the registration form.

https://forms.gle/5uTHFSDizuEHEdiw6

## For Sponsorship and Product Exhibition Contact :


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