

ABOUT THE ORGANIZING INSTITUTION

Maharani's Science College for Women (Autonomous), Mysore was established in 1917 by the Queen Regent of Mysore, Kempa Nanjammani Vani Vilasa Sannidhana, the mother of Krishna Raja Wodiyar IV. College is affiliated to University of Mysore. Since its inception, the college has played an important role in imparting higher education to women. The college now offers undergraduate, postgraduate and Ph.D. programs. The motto of the college is to provide the best facilities catering to the modern academic needs of the students. Hence the institution is making all efforts in developing the college as the center for excellence. The college is aware of the fact that 'Quality movement is a journey, a continuum. It is not an ad-hoc initiative, but is a fabric of planned actions threaded together over time'. The college has planned and implemented several activities and has made a sincere effort to move towards excellence with total commitment involving all the stake holders. The college had successfully organized several National & International seminars & workshops. Also, The College has received Autonomous status from UGC in 2019.

ABOUT THE ICMR-DHR

The Indian Council of Medical Research (ICMR), under the Department of Health Research (DHR), Ministry of Health and Family Welfare, Government of India, is the apex body responsible for the formulation, coordination, and promotion of biomedical research in the country, ICMR-DHR plays a pivotal role in advancing public health through cutting-edge research, capacity building and innovation in medical sciences. Through initiatives such as international fellowships, policy development and multi-institutional collaborations, ICMR-DHR fosters a strong ecosystem for translational research, aligning scientific progress with national health priorities.

ABOUT THE WORKSHOP

The *Integrated National Workshop on Molecular Approaches to Vector-Borne Disease Surveillance and Control: From Resistance to Resilience* brings together leading scientists, public health experts, researchers, and students to explore cutting-edge molecular tools for monitoring and managing vector-borne diseases. This workshop aims to strengthen national capacity by introducing advanced techniques for insecticide resistance detection, vector identification, pathogen screening and genomic surveillance.

Through expert talks, hands-on sessions, and interactive discussions, participants will gain practical insights into emerging molecular strategies that support early detection, effective surveillance and sustainable vector management. The program emphasizes transforming current challenges—especially rising insecticide resistance—into opportunities for building resilient, evidence-based control systems.

This workshop serves as a collaborative platform to promote innovation, strengthen research networks, and empower professionals to contribute to India's long-term vector-borne disease preparedness and public health resilience.

To introduce advanced molecular methods for vector and pathogen detection.

- To enhance knowledge on insecticide resistance mechanisms and surveillance approaches.
- To provide hands-on training in molecular diagnostics and genomic applications.
- To encourage collaborative research and strengthen professional networks.
- To build capacity for resilient and sustainable vector-borne disease control systems.

EXPECTED OUTCOMES

Participants will develop hands-on competence in molecular approaches, understand emerging surveillance technologies, and contribute to stronger, research-driven strategies for vector-borne disease control and resilience-building.

RESOURCE PERSONS

Dr. Geetanjali Sageena, Scientist-C and Program Officer, Division of Human Resource Development, Department of Health Research (DHR) New Delhi, Ministry of Health and Family Welfare, Government of India

Dr. V. Shyam Kumar, FRES, Professor, Dept. of Biotechnology & Microbiology, Karnatak University, Dharwad, Karnataka

Prof. K. Ramachandra Kini, Professor & Chairman, Department Studies and Research in Biotechnology, University of Mysore, Mysuru

Prof. Basavarajappa S., Professor, Department of Studies and Research in Zoology, Chairman- Dept. of Anthropology, University of Mysore, Mysuru

Dr. Nagabhushana Charantimath, Assistant Professor, Dept. of Zoology, Vijayanagara Sri Krishnadevaraya University, Ballari, Karnataka

Dr. Srinath B. S., Assistant Professor Dept. of Zoology Karnatak University Dharwad, Karnataka

Dr. Sinosh Skariyachan, Department of Microbiology St. Pius X College Rajapuram, Kasaragod, Kannur University, Kerala

Dr. Krishnaveni R., Chairman, Dept. of Microbiology, Vijayanagara Sri Krishnadevaraya University, Ballari, Karnataka

Dr. M. C. Harish, Assistant Professor Department of Biotechnology Thiruvalluvar University, Serkkadu, Vellore, Tamilnadu

Dr. Vinay B Raghavendra, Associate Professor, Jyothi Nivas College, Bengaluru, Karnataka

Dr. Hithesh Kumar, Lead Bioinformatician, Jivanu Therapeutics Private Limited, CCAMP, GKVK Post, Bangalore, Karnataka

Dr. Kelmani Chandrakanth. R., Professor Department of Biotechnology Gulbarga University Gulbarga, Karnataka

Dr. Thippeswamy N. B., Professor, Dept. Microbiology, Kuvempu University, Shivamogga, Karnataka

Dr. Rolika Gupta, Assistant Professor at Division of Microbiology, Career Point University, Hamirpur, Himachal Pradesh

Dr. Aniket Naha, Scientist Pushpagiri Institute of Medical Sciences and Research Centre, Pushpagiri, Kerala,

Dr. Puneeth P. Assistant Professor and HOD, Department of Zoology (PG), Bharathi College, Bharathinagara, Mandy, Karnataka

Dr. J. Angayarkanni, Professor & Head Department of Microbial Biotechnology, Bharathiar University Coimbatore, Tamilnadu

Dr. M. Palaniswamy, Dean, Planning, Development and Accreditation, St. Peter's Institute of Higher Education and Research (SPIHER), Deemed to be University, Chennai, Tamilnadu

Dr. Haraprasad N., Dean. Quality Assurance and Accreditation Professor of Biotechnology, JSS Science and Technology University, Mysuru

Dr. K. M. Kumar, Associate Professor, Department of Bioinformatics School of life Sciences, Pondicherry Central University, Pondicherry

Dr. K. Venkatraman, Professor & Dean (Science) SCSVMV, Enathur, Kanchipuram, Tamilnadu.

Dr. J. G. Manjunatha, Assistant Professor, Department of Chemistry, FMKMC College, Madikeri, Karnataka

Dr. Vivek Chandramohan, CEO and founder Insilicomics 205, Commercial Road, Ooty. Tamilnadu

Dr. Aneesh E. M., Assistant Professor in Zoology, University of Calicut, Thenhipalam, Kerala

Dr. B. Surendra Nath, Scientist-D (Retd.), Director, Rajiv Life sciences Private Limited, Bengaluru, Karnataka

REGISTRATION DETAILS

- Participation is free
- No. of participants are limited to 40
- Participants will be selected based on first-cum-first served basis
- OOD facility is available & No TA/DA will be paid

Registration Link:

<https://forms.gle/wx5KPJzKA7MmGosT7>

WHO SHOULD ATTEND

- Students, Faculty and researchers in Zoology, Biotechnology, Microbiology, and allied life sciences
- Medical and veterinary students and professionals involved in Vector-Borne Disease Surveillance and Control.
- Public health and environmental health students
- Early-career scientists and Ph.D. Scholars
- Students and Professionals interested in One Health and Vector-Borne Disease Surveillance and Control.



ORGANIZING COMMITTEE

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Prof. Ravishankar D. K., Coordinator, RDC, MSCWM

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Dr. Lalitha V., Department of Botany

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Mr. Govindaraju, Department of English

Prof. Asha G., Department of Home Science

Prof. Dharmendra B. N., Department of Mathematics

Dr. Siddegowda S., Department of Kannada

Dr. S. Abdul Khader, P.G. Department of Physics

Prof. Sathish S. V., P.G. Department of Zoology

Prof. Kumar M. S., P.G. Department of Biochemistry

Dr. Harishkumar K., Dept. of Environmental Science

Dr. Srinivas P., Department of Physics

Mr. Somashekha P., Department of Mathematics

Dr. Santhoshkumar B. N., Dept. of Computer Science

Mr. Prabhakar S. V., Department of Electronics

Dr. Ramesh K. L., Department of Home Science

Smt. Thenarasi V., Department of Computer Science

Mr. Manjunath M.N., Department of Zoology

Mr. Jaiprakash H. L., Librarian

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Smt. Brunda N., Department of Zoology

Smt. Manasa J., Department of Chemistry

Mr. Chethan Hanji, Department of Geology

Mr. Aloka Thimmappa Hegde, Department of Geology

Mr. Yogesh D., Department of Microbiology

Smt. Nirmala Devi, Department of Microbiology

Dr. Chethan Malagavi, Department of Statistics

Mr. Mallikarjun Chandannavar, Dept. of Statistics

Smt. Meenakshi R., Gazetted Manager

Mr. Basavaraju B.R., Account Superintendent

President and Members - CDC MSCW, Mysuru

Students, Teaching and Non-teaching staff, MSCW, Mysuru

ADDRESS FOR CORRESPONDENCE

Organizing Secretaries

Dr. Hanumanthappa Makari.

Associate Professor of Biotechnology

Maharani's Science College for Women, Mysuru, Karnataka

Email: makari.hk@gmail.com Phone: Mobile: 9964820065

Dr. Ravishankar D. K.

Professor and HOD of Chemistry

Maharani's Science College for Women, Mysuru, Karnataka

Email:dkravimandy@gmail.com , Phone: Mobile: 9980566177



Government of Karnataka
Department of Collegiate Education

MAHARANI'S SCIENCE COLLEGE FOR WOMEN
(Autonomous)

Affiliated to University of Mysore
J.L.B. Road, Mysuru -570005, Karnataka, India

Ministry of Health and Family Welfare
Indian Council of Medical Research (ICMR)
Department of Health Research (DHR)

Sponsored

In association with

Internal Quality Assurance Cell (IQAC)
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**5-Day Integrated National Workshop On
MOLECULAR APPROACHES TO VECTOR-BORNE
DISEASE SURVEILLANCE AND CONTROL :
FROM RESISTANCE TO RESILIENCE**

29th December 2025 to 2nd January 2026



Venue
Seminar Hall, New Building
Maharani's Science College for Women (Autonomous)
J.L.B. Road, Mysuru

