



NATIONAL CONFERENCE

ON

Animal physiology, Ecology & Symposium on Advances in Parasitology

27&28 January- 2023

Organized by
Department of Zoology,
Dr. Babasaheb Ambedkar Marathwada
University,
Aurangabad, Maharashtra

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Invitation and call for participation

Science and technology has changed the whole spectrum of our modern life. After Covid pandemic humankind is more curious to know and understand the fundamental life processes with developing sciences like systems biology and emerging synthetic biology. Currently the challenge is include to understand the physiological processes zoonotic disease and parasitic disease that leads to the burden of diseases world over. In light of these, the research challenges includes to prevent the disease, to break the parasitic cycle and to find a drug for their treatment is the main target throughout the world. Zoology being the basic science dealing with the larger aspect of the study from microbes, with impact on all phylum viz invertebrates to vertebrates is a challenge and in many animals the basic fundamental processes is still being studied and debated. To accomplish these we need to pursue our research from different dimensions to fulfil our desired target. The major research areas of department is in line with the world three aspiration. From this view point the aim of the conference is to bring together leading academic scientist, researchers and research scholars to one platform where they can exchange and share their experiences, research results on all aspects with the themes of the conference. The present conference is organized at Dr. Babasaheb Ambedkar Marathwada University Aurangabad Maharashtra and the Department of zoology would like to invite you for the conference We look forward for your esteem presence for this conference and looking forward for your scientific endeavor with active participation. The special Symposium on advances in parasitology is organized in the honor of eminent parasitologist Senior. Prof. C.J. Hiware on the eve of his superannuation.

About the conference venue

Dr. Babasaheb Ambedkar Marathwada University is one of the prestigious university in Maharashtra. It has Excellency as an academic Centre since 1958. Marathwada region consisting of 8 district was under the jurisdiction of Osmania University, Hyderabad till 1958. On August 23rd 1958, then Prime Minister Jawaharlal Nehru laid the foundation stone for Marathwada University in this region. On 14th January 1994 Marathwada university's name was prefixed by Dr. Babasaheb Ambedkar to pay honor to great national leader and social reformer and named as Dr. Babasaheb Ambedkar Marathwada University. The university is situated in a 725 acre of picturesque campus surrounded by hilly landscape. University offers higher education in 42 subjects in its main campus. University has its sub center at Osmanabad.

About the department

The Department of Zoology was started in 1959 with fishery biology as specialization other specialization were started in due course such as Helminthology (1962) Animal physiology (1965), Entomology (1966) and Protozoology (1968)

Department was selected by UGC under the SAP in the thrust area of animal physiology and Invertebrate endocrinology. At present the department is offering specialization in 5 area Helminthology, Parasitology, Entomology, Animal physiology & Molecular biology. The Department successfully completed research project sanctioned by ICAR, DST, DBT, UGC, DOD, ISRO, ONR (USA) and PL480 USA under ONR (USA). Department established a Marine research laboratory at Ratnagiri, which is rechristened as a Centre for Coastal and Marine Biodiversity.

About Aurangabad

Aurangabad is also known as the 'City of Gates' The historic city Aurangabad, is situated on Deccan plateau. Founded in 1610 on the site of village called khirki by Malik amber, the prime minister of Murthaza nizam shah II. This city was renamed Fatehpur after the Nizams son Fateh Khan succeeded the throne in 1626 when prince Aurangzeb became viceroy of the Deccan in 1653 he made the city his capital. The city continues to attract tourists from all over the world who come to discover an old world carved in stone especially Ellora and Ajanta caves.

Shopping: -

The handicraft of Aurangabad reflect many cultural influences. This legendary beauty of Paithani silk saris the intricate silver inlay craft of bidri ware which reached its peaks under the Mughal and beautifully woven silk Himru and Mushru shawls are some outstanding examples.

Climate and clothing

Climate during conference will be pleasant light woolen clothing will be required.

Major Themes of the conference

- Animal physiology –Entomology, Arachnids, Crustaceans and Molluscs as well as Marine biology marine biotechnology etc.
- Ecology –Animal and habitat interaction, ecological habitat and animal survival.
- Applied zoology –applied entomology for rural sustainability, Apiculture, Sericulture.
- Parasitology –Challenges in parasitology for mankind.
- Recent advances in parasitology study. Parasite and public health
- Advances in fishery sciences.
- Applied Biotechnology

Abstract submission

Abstracts should be data oriented reflecting the major findings of the paper. Abstracts for oral and poster presentation (size approx... 2x3' limited to 2 sheets) should be within the themes the abstract will be accepted in electronic form by E-mail only. A separate printed abstract with registration fee must reach the conference secretariat before last date. No abstract will be accepted without registration of at least on author. Email- aesp2023@gmail.com