

### Mode of Payment

All participants are requested to register for the Conference by paying the registration fee either through Demand Draft, Multicity Cheque, RTGS or NEFT. Please submit printout receipt of fee payment, and send it to [ncrazs2020@gmail.com](mailto:ncrazs2020@gmail.com) as an attachment.

### Beneficiary Name: "Convener, NCRAZS-2020"

Bank Name: SBI  
Branch Name: Osmania University  
Account No: 39119467860  
IFSC code: SBIN0020071  
MICR code: 500004044

### IMPORTANT DATES

Abstract Submission	25/02/2020
Abstract Acceptance	29/02/2020
Registration (Last Date)	01/03/2020
Payment for Accommodation	01/03/2020

### REGISTRATION FEES

For Students and Research Scholars	Rs. 500/-
For Faculty Members	Rs. 1000/-
Spot Registration Fee	Rs. 1500/-

### TRAVEL & ACCOMMODATION

Participants are required to make their own traveling arrangements. Limited accommodation is available in the University Guest House for the participants on payment basis. Prior intimation is required for assistance in booking accommodation.

### FOR FURTHER INFORMATION CONTACT

#### JOINT ORGANIZING SECRETARIES

**Dr. J. Venkateshwara Rao**      **Dr. G. Sunitha Devi**  
7702355472                      9849898296

**Dr. A.V. Rajashekar**              **Dr. C. Srinivasulu**  
9908314124                      9346571981

#### Address for Correspondence

**Prof. V. Vanita Das, Convener and Head,**  
Department of Zoology, University College of Science,  
Osmania University, Hyderabad, Telangana.  
Email: [ncrazs2020@gmail.com](mailto:ncrazs2020@gmail.com)  
Mobile: 9848121961

National Conference on  
**Recent Advances in Zoological Sciences (NCRAZS-2020)**  
(19<sup>th</sup>-20<sup>th</sup> March, 2020)  
Department of Zoology,  
University College of Science,  
Osmania University, Hyderabad, Telangana State.

### Registration Form

Name:..... Age:.....

Designation:..... Gender:.....

Address:.....

..... Country:.....

Mobile number:..... Email:.....

Title of the paper:.....

Mode of Presentation: Oral/Poster.....

Accommodation: Required (Y/N).....

### Details of the Registration Fee

Registration Fee (Mandatory)	Accommodation Charge (Optional)	Total (in Rs.)

DD No/ Online Transaction ID.....

Dated..... Bank.....

Place.....

Date .....

Signature

Fill this registration form and send it through email (scanned copy) or by speed post along with the requisite DD/Transaction Receipt before 25 February, 2020 to the Organizing Secretary, (NCRAZS-2020), Department of Zoology, Osmania University, Hyderabad-500 007, Telangana. Email: [ncrazs2020@gmail.com](mailto:ncrazs2020@gmail.com)

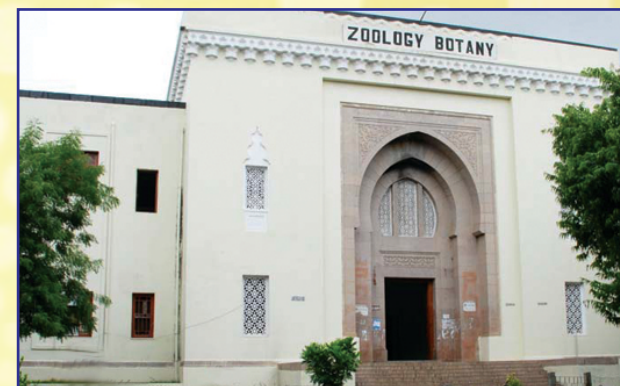


## National Conference

on

## Recent Advances in Zoological Sciences (NCRAZS-2020)

19<sup>th</sup>-20<sup>th</sup> March, 2020



Organized by

## Department of Zoology

University College of Science,  
Osmania University,  
Hyderabad, Telangana-500007

Sponsored by  
RUSA 2.0, OU



## OSMANIA UNIVERISTY

The Osmania University (OU) was established in the year 1917, is the seventh oldest in India and the third oldest in South India, and has celebrated its centenary year in 2017-18. Osmania University has long and momentous history in both the pre - and post - Independence era. Osmania University reflects the national agenda for higher learning, education as well as the aspirations of its founder, Mir Osman Ali Khan, the 7<sup>th</sup> Nizam of Hyderabad. It is a multi-faculty and multidisciplinary university offering rich and varied courses in the fields of Humanities, Arts, Sciences, Social Sciences, Law, Engineering, Technology, Commerce and Business Management, Information Technology, and Oriental Languages. OU has achieved the highest rating (A+) by NAAC in 2017. In recognition to its continuous and sustained academic achievements, Osmania University has bestowed been with the coveted status of "University with Potential for Excellence (UPE)" by the University of Grants Commission, Govt. of India. OU has the rare distinction of having more than one crore strong alumni who have distinguished themselves nationally and internationally in various spheres of life and spread across globe. OU has contributed immensely to the academic, research, social, and economic development of the region and country at large and is now gearing up for the 21<sup>st</sup> century aspirations to meet the grand challenges in the higher education system. Recently, has been awarded support under RUSA 2.0 by MHRD, Govt. of India.

## DEPARTMENT OF ZOOLOGY

The Department of Zoology came into existence in 1924 with the introduction of teaching of Zoology in Intermediate course in the then Biology Department. In the subsequent nine decades of growth and expansion, the Department has diversified teaching and research to suit both recent advances and needs of the regional populace. Strong research sections emerged, in addition to the established teaching line, in the last few decades through funding from UGC, DBT, DST, MoEF & CC, CSIR, ICMR, ICAR, DoAE, SERB, and DRDO.

## MILESTONES ACHIEVED

1924 - Zoology teaching initiated in Intermediate.  
1929 - Zoology introduced in Graduation level.  
1934 - Natural History Museum established.  
1935 - P.G. Course in Zoology introduced with Fisheries as specialization.  
1949 - Research in Helminthology commenced.  
1952 - Research in Protozoology commenced.  
1957 - Research in Entomology commenced.  
1960 - Research in Phytonematology commenced.  
1967 - Research in Animal Physiology commenced.  
1976 - Research in Cell and Molecular research commenced.  
1976 - Research in Wildlife Biology commenced.  
1980 - Research in Environmental Biology commenced.  
1983 - Research in Neurobiology commenced.  
1999 - DRS Phase-I (Thrust areas: Neurobiology & Animal Physiology)  
2004 - DRS- SAP Phase II ; UGC-ASIST ; DST-FIST.  
2007 - Research in Molecular Taxonomy commenced.  
2010 - DRS-SAP Phase III.  
2015 - DSA-SAPII, Phase I (Thrust areas : Neurobiology & Systems Biology)  
2017 - Introduced Systems Biology and Research Methodology papers in M.Sc.

Today significant research contributions are being made in biochemistry and physiology of parasites, cell and molecular biology, immunology, neurobiology, fisheries, animal models, biodiversity, classical and molecular taxonomy, and DNA bar-coding. This complements the studies on vector biology, insect pest management, phytonematology, effect of stress on physiological functions. In recognition of the work done by the faculty, the department is recognized as potential center for conducting investigations in the area of fluorosis, diabetes related neuropathies, molecular taxonomy and barcoding, and as training center for challenges related to various tropical diseases.

## OBJECTIVE OF THE CONFERENCE

The objective of the conference is to bring the students, research scholars and scientists to a single platform for the exchange of ideas, expertise, and share their experiences in the diverse areas of zoology. The conference also aims to deliberate and discuss contemporary issues pertaining to classical as well as modern areas of zoological research and challenges ahead. It has now become a need of the hour to update and upgrade the contemporary research from cellular and molecular levels to organism level for the modern research. This conference offers participants a platform to present their research through Oral and Poster presentations in all thrust areas of Zoology, and ignite the young minds of researchers towards cutting edge knowledge.

## BROAD THRUST AREAS

The conference is aimed to invite the research contributions from the researchers in the form of abstract or full length paper submissions to the focal themes at cellular level, organism level and ecological level to cover broad thrust areas like:

- Neuroscience
- Toxicology
- Systems Biology
- Animal Biotechnology
- Animal Physiology
- Parasitology
- Healthcare
- Nematology
- Entomology (Agricultural & Medical)
- Helminthology
- Endocrinology
- Immunology
- Aquatic Biology
- Systematics & Taxonomy
- Biodiversity Conservation
- Applied Zoology
- Wildlife Studies
- Climate Change

## Call for Papers

Interested participants are requested to submit their abstracts should not be more than 200 words & Full length paper not more than 2000 words with title, author (s) name and institutional affiliation in Times New Roman, font size 12 and in line spacing of 1.5 on or before 25-02-2020. Email Id: ncrasz2020@gmail.com.

## Best Oral / Poster Presentation Awards

There will be one best oral & one poster presentation award and awarded for the best presentation during the conference .

## Organizing Committee

### Chief Patron

**Sri. Arvind Kumar**  
I/c Vice-Chancellor

Osmania University, Hyderabad

### Patrons

**Prof. Ch. Gopal Reddy**  
Registrar

Osmania University, Hyderabad

**Prof. Shivaraj**  
Dean

Faculty of Science,  
Osmania University, Hyderabad

**Prof. K. Pratap Reddy**

**Principal & Prof. of Zoology**  
University College of Science,  
Osmania University, Hyderabad

### Convener

**Prof. V. Vanita Das**  
Head

Department of Zoology  
University College of Science,  
Osmania University, Hyderabad

### Co-Convener

**Prof. S. Jithender Kumar Naik**  
Chairperson, Board of Studies

Department of Zoology  
University College of Science,  
Osmania University, Hyderabad

### Organizing Secretary

**Prof. B. Reddy Naik**  
Department of Zoology  
University College of Science,  
Osmania University, Hyderabad

### Joint Organizing Secretaries

**Dr. J. Venkateshwara Rao**  
**Dr. G. Sunitha Devi**  
**Dr. A.V. Rajashekar**  
**Dr. C. Srinivasulu**

## ADVISORY COMMITTEE

**Prof. K. David**, Karnataka University, Dharwad.

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**Prof. P. Jacob Das**, S.V. University, Tirupathi.

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**Prof. Vijaya Lakshmi Sharma**, Punjab University, Chandigarh.

**Prof. K. Emmanuvel Rajan**, Bharathidasan University, Tiruchirappalli.

**Dr. G. Umapathy**, Scientist, LaCONES, Hyderabad.

**Prof. Aparna Dutta Gupta**, University of Hyderabad, Hyderabad.

## Registration

Interested participants may download the Registration Form from the University website ([www.osmania.ac.in/EventsConf2020/zoologyConference2020.pdf](http://www.osmania.ac.in/EventsConf2020/zoologyConference2020.pdf)). Duly filled in registration form along with the proof of the deposited registration fee should reach by 25/02/2020 to the Organizing Secretary. The participants can submit scanned copy of the same on the email ID: ncrasz2020@gmail.com. The registration fee can be paid through DD in favor of the "The Convener, NCRAZS-2020" payable at Hyderabad or NEFT transfer to account No. as detailed on next page.