



# QUARTERLY UNION FOR ACADEMIC DISCOURSE (QUAD) BHUBANESWAR 2024

27<sup>TH</sup> JANUARY

**THEME: CELLULAR STRUCTURE-  
FUNCTION AND HOMEOSTASIS**

## About us

The School of Biological Science, NISER, in collaboration with the Institute of Life Sciences (ILS) Bhubaneswar, is organizing the Quarterly Union for Academic Discourse (QUAD) Bhubaneswar 2024. This event aims to unite faculty and researchers from both institutes, providing a shared platform to exchange research insights and engage in academic discussions that will foster collaborative research initiatives.



**NISER**



**ILS**

### Events:

- 27th January 2024 (NISER)
- 27th April 2024 (ILS)
- 10th August 2024 (NISER)
- 9th November 2024 (ILS)

### STEPS TO REGISTER

- 1) Make a payment to SBI bank with following details  
Bank details: SBI bank, NISER Campus branch (18242)  
Account Name: NISER-QUAD-SYMPOSIUM  
Account no: 42600479248  
IFSC code: SBIN0018242
- 2) Save the payment transaction details
- 3) Go to the following website for registration  
<https://forms.gle/uH6s23e2FXccuXVm9>
- 4) While registering please fill-in the payment transaction details

Register for

**Rs. 800**

PER EVENT



## HIGHLIGHTS

Faculty talks

Student talks

Student posters

Group discussion  
with faculty

Contact Us

Convener: Dr. Debasmita P. Alone  
[quad@niser.ac.in](mailto:quad@niser.ac.in)



More Info  
[www.niser.ac.in](http://www.niser.ac.in)  
[www.ils.res.in](http://www.ils.res.in)



# QUAD

## BHUBANESWAR

### 2024

# 27<sup>TH</sup> JAN 2024

## 10AM-5PM

### THEME: CELLULAR STRUCTURE-FUNCTION AND HOMEOSTASIS

Venue: Pathani Samanta Auditorium, NISER (Registration from 9:30 AM)

SPEAKER	TITLE	TIME
 Dr. Pankaj V. Alone NISER	eIF2 $\beta$ zinc-binding domain anchors to the eIF2 $\gamma$ subunit through the guanine nucleotide-binding interface to promote Met-tRNA <sup>iMet</sup> binding	10:00 AM
 Dr. Tushar Kant ILS	Bacterial cell division and motility: an insight	10:35 AM
 Ms. Bhabasha Gyandeeep Utkalaja Dr. Acharya's lab, ILS	Critical roles of Dpb3-Dpb4 sub-complex of DNA polymerase epsilon in DNA replication, genome stability, and pathogenesis of <i>Candida albicans</i>	11:10 AM
 Ms. Sakshi Dr. R. Srinivasan's lab, NISER	Title: Salt bridge interactions in the inter-domain cleft of the tubulin-like bacterial protein FtsZ occludes binding of the cell division inhibitor PC190723c	11:25 AM
 <b>TEA BREAK AT 11:40 AM(CAFETERIA)</b> 		
 Dr. Amaresh Ch. Panda ILS	Circular RNAs in pancreatic beta-cell physiology	12:00 PM
 Dr. Tirumala Kr. Chowdary, NISER	Cell-entry of Chikungunya Virus: Conformational Dynamics of Viral Surface Proteins	12:35 PM
 Mr. Subhashish Samantaray Dr. Gulam Syed's lab, ILS	Alteration in Mitochondrial Function and Homestasis during Viral Encephalitis	1:10 PM
 Mr. Swapnil Sahoo Dr. Abdur Rahaman's lab, NISER	Molecular Mechanism of Targeting a Cardiolipin Synthase into Multiple Cellular Compartments	1:25 PM

 **LUNCH BREAK AT 1:40 PM(CAFETERIA)** 

 **POSTER PRESENTATION FROM 2:30 PM TO 4:00 PM** 

 **GROUP DISCUSSION FROM 4:30 PM TO 5:30 PM** 

**REGISTER BY 20<sup>TH</sup> JANUARY 2024**