



**AMITY UNIVERSITY**  
**UTTAR PRADESH**

**AMITY INSTITUTE OF NEUROPSYCHOLOGY  
AND NEUROSCIENCES (AINN)**

**IS ORGANIZING**

**FIVE-DAY WORKSHOP  
ON**

**NEURO-BEHAVIOURAL STUDIES  
USING VERTEBRATE AND  
INVERTEBRATE LABORATORY  
MODEL ORGANISMS**

**FROM 18TH TO 22ND MARCH**

**SPONSORED BY**



# AMITY AT A GLANCE



**Amity University was established under the aegis of Ritnand Balved Education Foundation, a Non-Profit education trust over 18 years ago. Amity today is one of the most trusted name in Education and has been ranked the No.1 Private University, wherein 95,000 students are pursuing over 240 programs , spread over 1,000 acres of campuses with 4.5 million Sq.ft of built up area. It has a dedicated team of 4000 Scientists, Researchers and Faculty members who operate in a meritocratic and a professional environment.**

**The university is NAAC A+ accredited.**

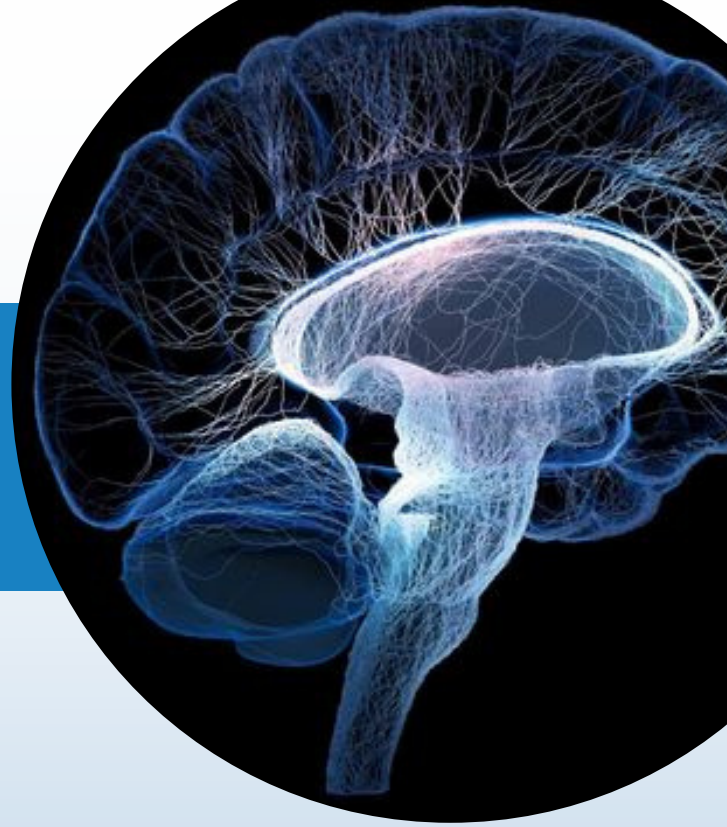
**A total number of more than 305 patent applications have been filed by various faculty members of Amity University Uttar Pradesh in the areas of Biotechnology, Microbial technology, Nanotechnology, Information technology, Herbal medicines and Allied sciences.**

## ABOUT AINN



The institute was established in the year 2013. Currently, AINN is the only institute in the country to run a B.Sc. (Honors) program in Neurosciences. It is also running M.Sc. and Ph.D. programs. The faculty members of AINN are internationally trained with research expertise in various areas of Neurosciences which includes, Ageing; Behavioural; Cellular; Cognitive; Computational; Developmental; Disease biology; Molecular; Sleep neurobiology.

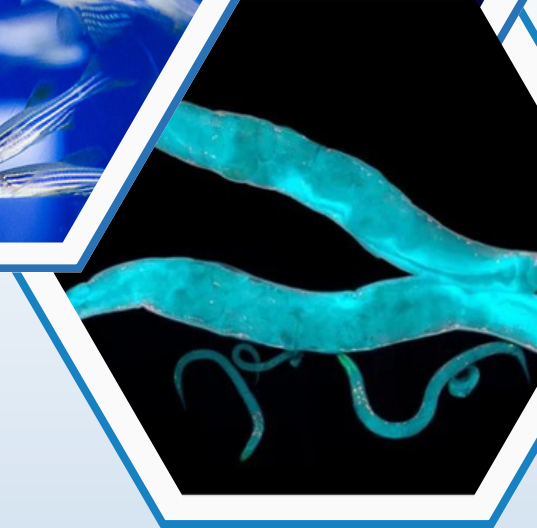
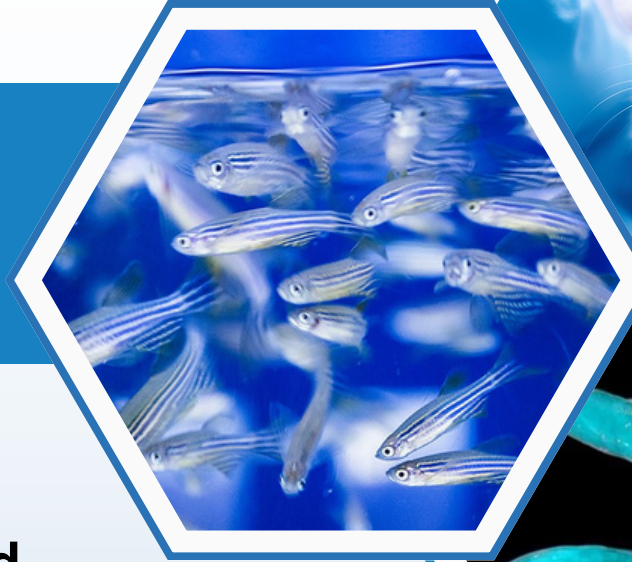
# **THEME OF THE WORKSHOP**



**Understanding behaviour regulation by the brain through changes in cell, molecule, neurotransmitter and so on.**

**The participants are expected to gain relevant competencies & skills so that they can train their students and write projects to fulfill their research dreams.**

# INSIGHTS



**Hands-on Training and understanding on correlation of molecule to behavioural research as follows:**

- **Recording of selected behaviours**  
**Rodents (mammals); Zebra Fish (vertebrates); and C. elegans (invertebrates)**
- **Stereotaxic brain surgery and histology**  
**To approach specific region of brain for acute and chronic studies**  
**Staining and immunohistochemistry**
- **Biochemistry, Molecular, and Cellular Biology**  
**Protein extraction and estimation, Enzyme assay, Electrophoresis, Immunoblotting, PCR, etc.**
- **Systems Neurosciences**  
**Mathematical Modelling, and Computational Neurosciences**

OBJECTIVES

# OBJECTIVES



- **Participants will develop a scientific community network among themselves as well as with the host Institution to collaborate, and to attract young students to pursue neurosciences.**
- **To promote academic work and share knowledge in the multiple facets of the scientific pursuits in the brain-behavior domains.**
- **To bring together researchers and academicians to share and learn the recent trends in Behavior neuroscience.**
- **To foster skills of rethinking, reasoning, and enquiring about the brain functions and behavior.**
- **To train trainers to develop human resources.**

# RESOURCE PERSONS FROM ESTEEMED ORGANISATIONS

- Delhi University
- IISER Mohali
- IIT New Delhi
- IGIB New Delhi
- Jamia Hamdard New Delhi
- JNU New Delhi
- NBRC Manasar
- NIPER Mohali
- Panjab University Chandigarh

## ELIGIBILITY

Teachers and Researchers from College/University/Institution

## REGISTRATION

### CATEGORY

### FEES

Researchers(PhD/Post Doc)

₹1500

Teachers/Faculty

₹2500

**REGISTRATION LINK : <https://amity.edu/ainn/NEURO2024/>**

**PARTICIPANTS WILL HAVE TO MAKE THEIR OWN ARRANGEMENTS FOR TRAVEL AND ACCOMODATION**

**FOR EXISTING ID CARD HOLDERS OF AMITY UNIVERSITY (FOR CATEGORIES AS MENTIONED ABOVE), REGISTRATION IS FREE ONLY FOR ATTENDING THE LECTURES OF RESOURCE PERSONS.**

# ORGANISING COMMITTEE



**CHAIRPERSON**  
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VICE CHANCELLOR, AMITY UNIVERSITY,  
UTTAR PRADESH (AUUP)



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CHANCELLOR, AMITY UNIVERSITY,  
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CHAIRMAN, AIMMSCR  
DEAN, HEALTH AND ALLIED SCIENCES



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PROFESSOR AND DIRECTOR, AINN



**AASC COORDINATOR**  
**DR. SAGINA HOODA**  
DY. DIRECTOR  
AMITY ACADEMIC STAFF COLLEGE



**ORGANISING SECRETARY**  
**DR. RACHNA MEHTA**  
ASSISTANT PROFESSOR AINN

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**FOR ANY FURTHER DETAILS, PLEASE CONTACT : DR.RACHNA MEHTA**  
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