



गृह मंत्रालय  
MINISTRY OF  
HOME AFFAIRS



National Forensic  
Sciences University  
Knowledge | Wisdom | Fulfilment  
An Institution of National Importance  
(Ministry of Home Affairs, Government of India)

SCHOOL  
OF  
BEHAVIOURAL  
FORENSICS

SCHOOL OF BEHAVIOURAL FORENSICS

organises

# 1st International Colloquium



On the theme

## SOCIAL NEUROSCIENCE

Mapping Social Minds:

Insights into Brain Function and Social Behaviour

on the occasion of  
BRAIN AWARENESS WEEK 2024



When?

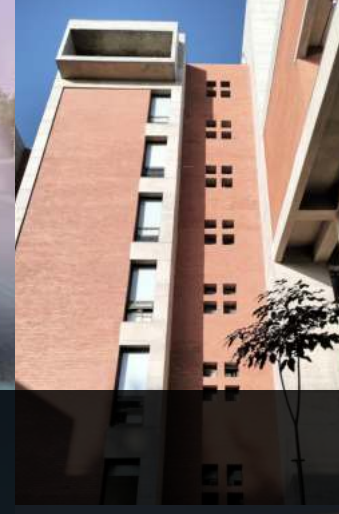
11th-13th March 2024



Where?

NFSU, Gandhinagar Campus





**ABOUT THE UNIVERSITY**

The National Forensic Sciences University with the status of an Institution of National Importance is the World's first and only University dedicated to forensic, behavioural, cyber security, digital forensics, and allied Sciences. It was established by the Government of India through Act, 2020 (32 of 2020) with the objective of fulfilling the acute shortage against the increasing demand for forensic experts in the country and around the world.

Gandhinagar Campus is the first campus of National Forensic Sciences University at Gandhinagar, Gujarat. The Gandhinagar Campus of the National Forensic Sciences University is running 46 courses in the eight schools namely, School of Doctoral Studies and Research, School of Forensic Science, School of Cyber Security and Digital Forensics, School of Management Studies, School of Engineering and Technology, School of Pharmacy, School of Behavioural Forensics and School of Open Learning. Maintaining excellence in education, research, and training with appropriate facilities within this campus encourage collaborations across multiple disciplines and skill sets.



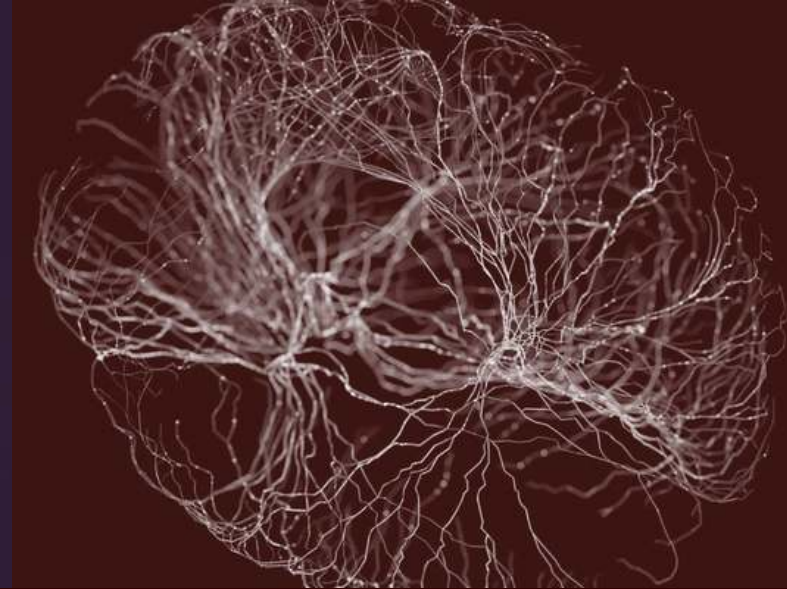
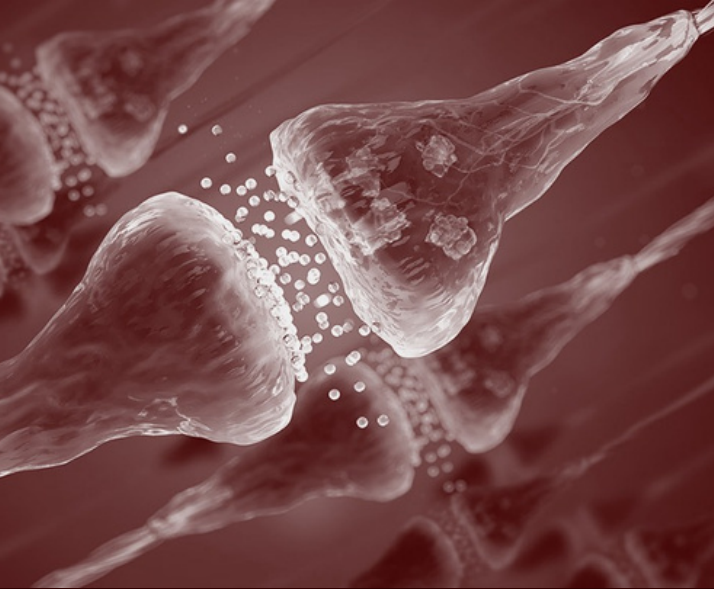
# ABOUT SCHOOL OF BEHAVIOURAL FORENSICS

School of Behavioural Forensics (SBF) is one of the most dynamic schools at NFSU created to work towards the development of expertise in various aspects of behavioural sciences, forensic psychology and criminology. The school aims to provide a high standard of education, exposure and commits to highlight the necessity of interdisciplinary researches in the area of human behaviour, cognition, forensic and crime. All of the programmes are offered by experts and are focused at the union of clinical psychology, neuropsychology, forensic psychology and criminology. The School conducts demand driven professional courses and state-of-the-art infrastructure and experienced faculty. It focuses on the cross-disciplinary theoretical, empirical, and applied foundations of human cognition and brain functioning towards the behaviour. The school currently provides courses:

M.Sc. Neuropsychology, M.Phil. Clinical Psychology (RCI Approved), M.Sc. Clinical Psychology, M.Sc. Forensic Psychology, M.A. Criminology, B.A-M.A. Criminology, PG Diploma In Investigative Psychology, PG Diploma In Cyber Psychology.

SBF is well equipped with advanced and modern instruments like Electroencephalography, Brain Electrical Oscillation Signature Profiling (BEOS), Functional near-infrared spectroscopy (fNIRS), Suspect Detection Systems (SDS), Eye tracking, Visual stress analyser, Eye detect with polygraph, Neuro-script, Neurofeedback, LVA and such others for students to gain practical knowledge and implications of these to utilize in practice and further researches. SBF collaborates with Centre of Happiness & Well-Being (CHWB) and Centre of Excellence in Investigative and Forensic Psychology (COEIFP) which intend to promote the well-being, quality-of-life of individuals and administrating services in the field of forensics and behavioural sciences. School also provides various consultancy services like psychometric assessments, legal consultancies, counseling services and various therapeutic interventions at the COEIFP & CHWB. The school actively collaborates with government organizations, including the justice and healthcare sectors, to provide policy planning and monitoring approaches.





## ABOUT BRAIN AWARENESS WEEK

"Brain Awareness Week", an annual global initiative strives to escalate public knowledge about the brain and its functioning. The week aims to foster public enthusiasm and support for brain science. The event, which takes place usually in the 2nd or 3rd week of March, features a variety of initiatives and activities planned by different partners, including academic institutions, governmental organizations, advocacy groups, and business associations. These usually involve talks, workshops, displays, open homes, and other events that highlight the brain's marvels and advance brain health by different organizations in order to extend its reach. Several approaches have emerged in the current multidisciplinary age to demonstrate how to interpret the complex brain networks storing the aspects of human mind and behaviour. Thus the major objective of Brain Awareness Week is to inform and involve the public in conversations about the significance of brain research, the most recent developments in neuroscience and strategies for preserving and maintaining brain health over the course of a person's lifetime. Also, the advancement of non invasive brain imaging methods over the past decade, such as Electroencephalography (EEG)/ Event-Related Potential (ERP), Functional magnetic resonance imaging (fMRI), Functional near-infrared spectroscopy (fNIRS), Neurofeedback (NFB), Transcranial magnetic stimulation (TMS), and other clinical neuroscience approaches, contributes to fundamental components of human cognition. As we look at the organization of neural networks, there's not much information to discuss, whether it's a developing child, a child in conflict with the law or even a patient who has brain damage. In spite of this, one climbs the developmental neuroscience ladder. The adult brain and the adolescent brain could require completely different approaches or routes in order to make substantial contributions to brain maturation and model behaviour.

Tantrika [tahn-tree-kā], meaning 'nerve' in Sanskrit is derived from the root word 'tantra' which meaning 'to weave through or to loom, capturing the beauty of how the nervous system seamlessly weaves through the body. The circle in the logo depicts life and balance. The mind is a micro-cosmos like the expanse of neural circuits looks like a galaxy. Hence, the universe is depicted in the mind while the brain reigns on top. This was an initiative started by the students of M.Sc. Neuropsychology in the year 2023, to bring to life the essence of Brain Awareness Week.

On occasion of Brain Awareness Week, The School of Behavioural Forensics is elated to organise the first international colloquium, which is based on the theme - SOCIAL NEUROSCIENCE 'Mapping Social Minds: Insights into Brain Function and Social Behaviour'. It is an opportunity to delve into the intricacies of the neuroscience of social experience, with illustrious resource persons shedding light upon the topic through their respective fields and expertise areas, covering a variety of intriguing topics. The week will witness fun activities promoting better understanding of the workings of the social mind such as treasure hunt, debates, extempore, street play, flash mobs and more followed by training workshops on brain mapping and stimulating systems, such as Electroencephalography (EEG), Functional Near Infrared light Spectroscopy (fNIRS) and NeuroFeedback (NFB) will be conducted by a panel of eminent professionals. The colloquium and workshop series has been organised on 11th, 12th and 13th March of Brain Awareness Week. We look forward to seeing you at Tantrika 2024. Let us collectively celebrate the microcosmos within our cranium and spread awareness about the intriguing beauty of its workings!



## CHIEF GUEST



**Smt. Sonia Singh, IPS**  
Additional Director General of Police  
Special Secretary (Home)  
Nagaland Police

DAY 1  
EXPERTS



Shri. Veda R Ravishangar  
Vedic & Scientific Research  
Foundation



Team Axxonet  
Forensic & Medical Systems  
Bangalore

**DAY 2**  
**EXPERTS**



**Prof. Dr. C. R. Mukundan**  
Professor Emeritus,  
National Forensic Sciences University,  
Gandhinagar



**Dr. Aleksander Veraksa**  
Faculty of Psychology  
Lomonosov Moscow State  
University  
Moscow, Russia



**Dr. Priyanka Jain**  
Head,  
Neuro-Cognitive AI &  
XR Group  
C-DAC Delhi



**Dr. Subhasis Bhadra**  
Professor of Psychiatric Social Work  
Department of Psychosocial Support  
in Disaster Management, NIMHANS



**Mr. Anand Rai**  
Research Scholar  
Sapienza Università  
di Roma



**Mr. Sagar Chaturvedi**  
Scientific Support  
Aerobe, New Delhi

**DAY 3**  
**EXPERTS**



**Dr. Frederick L. Coolidge**  
Professor of Psychology University  
of Colorado (UCCS) USA  
Adjunct Faculty, IITGandhinagar



**Dr. Ark Verma**  
Assistant Professor  
Department of Cognitive Science  
IIT Kanpur, India



the theme this year

# SOCIAL NEUROSCIENCE

- Neural Basis of Social Perception and Cognition
- Emotion and Affective Neuroscience in Social Contexts
- Social Decision-Making and Neuroeconomics
- Social Relationships and Attachment
- Social Learning and Imitation
- Social Identity, In-Group/Out-Group Dynamics, and Intergroup Relations
- Neural Mechanisms of Social Reward and Motivation
- Social Influence and Persuasion
- Social Behaviour and Interaction
- Cultural Neuroscience
- Prejudice & Social Discrimination
- Social Hierarchy and Power
- Applications of Neurolinguistic Programming (NLP) in enhancing social skills and behaviour change
- Neurocriminology



# EVENTS

Fun Activities  
on  
Brain  
Awareness

Expert Talks

Scientific Paper  
Presentations  
(Oral/Poster)  
[Hybrid  
Mode]

NFB  
Workshop

EEG  
Workshop

fNIRS  
Workshop

## REGISTRATION FEES

### For Online:

Students/  
Research Scholars:  
Rs. 800/-  
Professionals: Rs 1500/-

### For Offline:

NFSU Students/  
Research Scholars:  
Rs 500/-  
Other Students/  
Research Scholars:  
Rs 1500/-  
Professionals: Rs 2000/-

### International:

Students/  
Research Scholars: \$20/-  
Faculty/  
Professionals: \$40/-

- Only registered participants and authors will receive a certificate
- In case the submission has multiple authors and more than one author would like to participate in the conference, each participant needs to register separately and pay the registration fee
- Submit full papers in APA 7th edition format for publication consideration to [tantrika.nfsu@gmail.com](mailto:tantrika.nfsu@gmail.com). **Deadline for full paper submission: 1st May, 2024.**

[Registration  
& Details](#)

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or

SCAN QR CODES HERE



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Name of Account  
**National Forensic  
Sciences University**

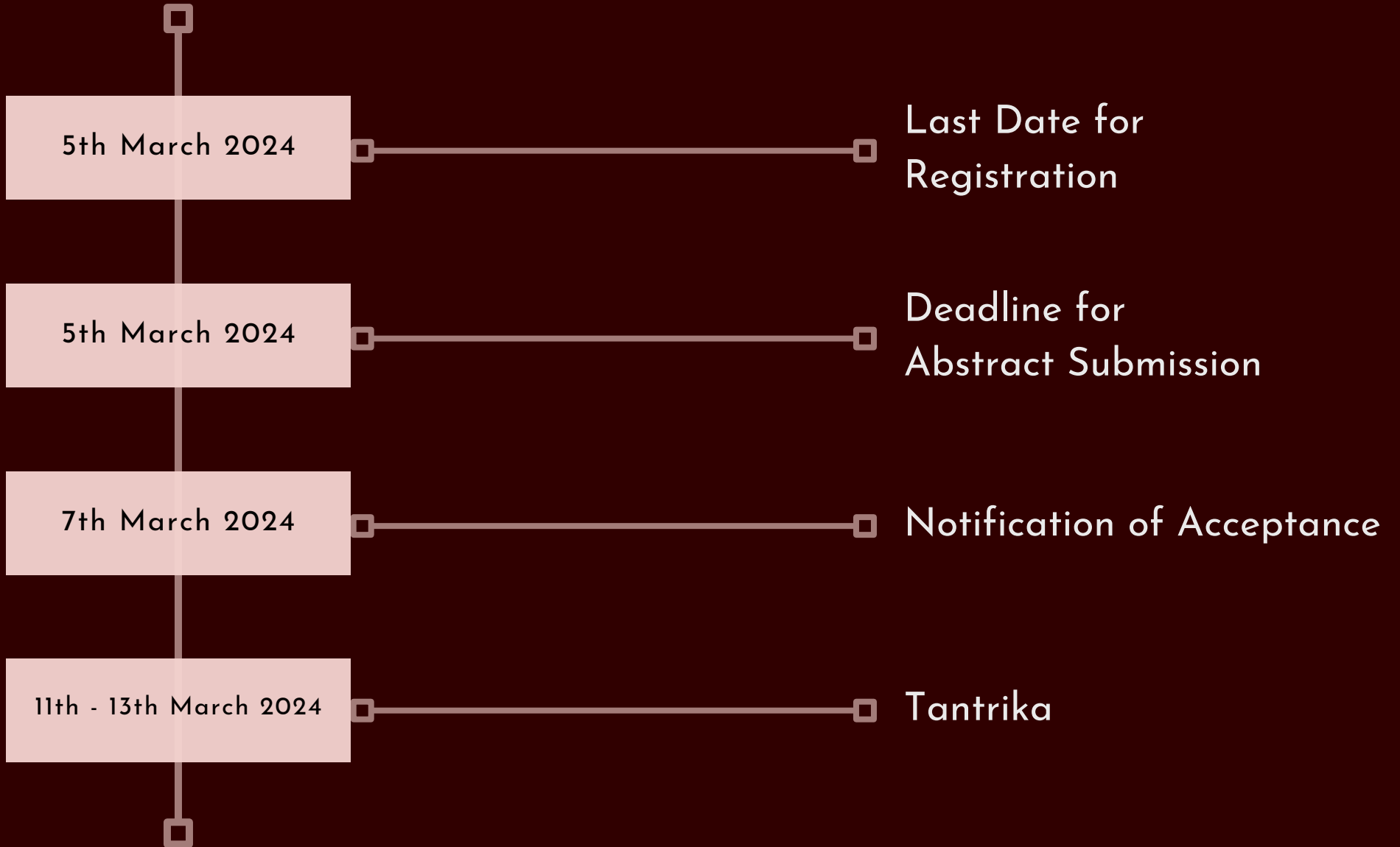
Name of bank  
**IDBI Bank**

IFSC Code  
**IBKL0000260**

Bank Account No.  
**0260104000137478**

Branch Name  
**Infocity Gh-0  
Gandhinagar Gujarat  
382009**

# KEY DATES



## CHIEF PATRON



**Dr. J.M. Vyas**  
*Hon'ble Vice Chancellor, NFSU  
& Padma Shri Awardee*

## PATRON



**Prof. (Dr.) S.O. Junare**  
*Campus Director  
NFSU Gandhinagar*

## CO-PATRON



**Shri C.D. Jadeja**  
*Executive Registrar  
NFSU*

## CHAIRPERSON



**Prof. (Dr) Asha Srivastava**  
*Professor and Dean  
School of Behavioural Forensics  
NFSU*

## CONVENER



**Dr Priyaranjan Maral**  
*Assistant Professor  
Neuropsychology  
SBF, NFSU Gandhinagar*

## CO-CONVENER



**Ms Shivani Tanwar**  
*Lecturer  
SBF, NFSU Gandhinagar*

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Ms Ritika Paul

### RAPPOREUR

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Dr Dhrubajyoti Sarma

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Ms Shivani Tanwar  
Ms Shubham Thukral

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Mr Bharat Lakhtariya  
Mr Pranav Dave

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Mr Pravesh Isai

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Mr Sonu Prince

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Dr Krishna Kumar Mishra  
Dr Biswajit Dey  
Dr Priyaranjan Maral  
Dr Jyoti Maheshwari  
Ms Shivani Tanwar

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Dr Dhrubajyoti Sarma  
Mr Sonu Prince  
Dr Ravi K  
Dr Soniya Vats

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Ms Priya Kaushal

### FOOD

Mr Vishal Parmar

Ms Shivani Tanwar

### VENUE MANAGEMENT

Dr Lisha Sivadasan

Dr Sowmya Kumar

Dr Soniya Vats

Dr Amrutha Karayil



# STUDENT CONVENERS

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Krithika S  
Mahathi Kuppa

## DESIGN

Shreyaa Mohan  
Stutee Narang  
Ronaldo

## FINANCE & LOGISTICS

Nayansi Singh  
Reet Saxena

## VENUE MANAGEMENT

Shreyaa Mohan  
Nayansi Singh

## TRANSPORTATION & ACCOMMODATION

Shreya Gosalia  
Mithi Shukla

## PR

Gargi Shukla

## TECHNICAL

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Kanhaiya Goenka

## FOOD

Garima Shivnani  
Reet Saxena

## SCIENTIFIC & RAPPORTEUR

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Kavya Menon

## DOCUMENTATION

Shreya Gosalia  
Maitreyee Daundker

## MEDIA

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Ronaldo





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