

Learn, Connect & Collaborate..

Soft Skill Training in Neuroscience Research

Venue- Gargi Auditorium, IIT Kharagpur, India

13th & 14th June, 2025

Extended Last Date of Registration
30th May , 2025

Keynote Speaker

Prof. Yukiko Goda

IBRO Asia-Pacific Chair

Professor, Synapse Biology Unit, Okinawa Institute of Science and Technology, Japan.

Former Director, RIKEN Brain Science Institute, Japan.

Honorary Professor of the Department of Neuroscience, Physiology and Pharmacology, UCL

Highlights-

- Eminent speakers from different areas of Neuroscience.
- Soft skill training workshop by ICMR Scientists.
- Panel Discussions
- Interactive Sessions

**LAST 5
SEATS**



RESOURCE FACULTY



Dr. Sylaja PN Professor
Dept. of Neurology SCTIMST,
Kerala, India

**'Neuroscience Research In
Humans - Difficulties, Ethics And
Dilemmas'**



Dr. G. Srinivas Professor & Head
Department of Biochemistry
SCTIMST, Kerala, India

**'Laboratory Skills Relevant To
Neuroscience Research'**



Dr. Vetrivelan Ramalingam
Associate Professor
Dept of Neurology
Harvard Medical School, USA

**'Perspectives - Neuroscience
Research - Transitioning from India
to USA'**



Dr. Rakhi Pal
Head, Stem Cell Biology & Drug Discovery,
Centre for High impact and Translational
Neurosciences (CHINTA, TCG CREST), Kolkata &
NCBS, Bengaluru, India

**'Translational Neuroscience And Academia
/Industry Transition'**



Dr. Venkata Lakshmi Narasimha
Assistant Professor, Addiction
Psychiatry
NIMHANS, Bengaluru, India

**'Bridging Research Gaps: Formulating
Testable Hypotheses and Choosing
the Right Study Design'**



Dr. Vikas Dhiman
Clinical Neurosciences ICMR Delhi, India

**'Evidence-Based Clinical Decision-Making:
Overview of Systematic Reviews/Meta-analyses
& Guidelines'**



Dr. Ojashwi Nepal
Professor, Dept. of Physiology
KUSMS, Nepal

Limitations and Challenges in Advancement of Neuroscience Research in Middle and Low-Income Countries like Nepal.'



Dr. Sharba Bandyopadhyay
Assistant Professor Electronics &
Electrical Communication Engg.,
IIT Kharagpur, India

'Techniques In Neurophysiology Research - EEG To Dendritic Spine Activity'



Dr Manjunatha S
Professor (Physiology)
Dr B C Roy Multispecialty Medical Research
Centre, IIT Kharagpur, India

'Neuroimaging'



Dr. Nihar Ranjan Jana
Professor, Biosciences &
Biotechnology,
IIT Kharagpur, India

'Role Of Animal Models In Neuroscience Research'



Dr. Velayudhan Mohan Kumar
Retired Professor and Head, Dept of
Physiology, AIIMS New Delhi.
Retired Visiting Professor & Emeritus Scientist,
SCTIMST, Trivandrum

'Perspectives - Development Of Neuroscience Research In India'



Dr. Tanwi Trushna
ICMR-NIREH Bhopal, India

'Mastering Literature Search And Critical Appraisal To Identify Research Gaps'



3 Hour Hands-On Skill Building Workshop
"From Literature Search to Research Question Development"
Dr Vikas Dhiman, Dr Narasimha and Dr Tanwi



ORGANIZING COMMITTEE

Chief Patron

Director, IIT Kharagpur

Convenor

Dr. Arijita Banerjee
Assistant Professor (Physiology)
BCRMMRC, IIT Kharagpur

Co-Convenor

Dr. Manjunatha S Professor
(Physiology) BCRMMRC,
IIT Kharagpur

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Steps for registration-

<https://erp.iitkgp.ac.in/CEP/courses.htm>

Sign up>verify email>Login>Fill up details>Apply

↓
Shortlisting

Confirmation>Payment

Scan to register



Soft Skill Training in Neuroscience Research

Introduction:

The soft skills course in Neuroscience is for Early Career (< 5 years of the qualifying degree of MD or PhD – Senior Residents, Post-Doctoral Fellows, and Assistant Professors) and Mid-Career (5-10 years post qualifying degree of MD or PhD – Associate/Additional Professors and Senior Scientists) Professionals working or studying Neuroscience. It is organized by the Indian Institute of Technology (IIT) Kharagpur, an Institute of Eminence, supported by the International Brain Research Organisation (IBRO).

Aims of the training program:

- The soft skills training program will bring together a small group of promising early and mid-career researchers interested in neuroscience from India through an open, objective selection process.
- The program will aim to inspire and encourage early/mid career professionals to use their talent and capacity to the full in their work and to take up research roles in finding solutions to the country's neuroscience problems in a variety of ways.
- The program will aim to enable participants to use research skills such as those applicable in writing proposals, synthesizing evidence, exploring innovations from bench to bedside, and fostering international collaborations and scientific communication. Additionally, it will focus on skills helpful in organizing and managing services through individualized and group skill-building training.

Expected Outcomes:

- Ability to develop testable hypotheses and design a study and research protocol.
- Develop critical analysis and problem-solving skills.
- Application of both descriptive and Inferential statistical procedures.
- Understand and analyse data in neuroscience research.
- Future neuroscientists should ideally combine various skills like communication and networking, ability to manage international collaborations and team work to understand multidisciplinary context of neuroscience.

Expectations from participants:

During the course, which will be highly interactive, the participants will be expected to be involved in group activities.

Faculty of the Workshop:

S. No Speaker Affiliation

1. Prof. Yukiko Goda IBRO Asia pacific Chair, Okinawa, Japan
2. Dr. Sylaja PN SCTIMST, Trivandrum, India
3. Dr. Srinivas Gopala SCTIMST, Trivandrum, India
4. Dr Nihar Ranjan Jana IIT Kharagpur, India
5. Dr Vetrivelan Ramalingam Harvard Medical School, Boston, USA
6. Dr. Rakhi Pal NCBS, Bengaluru and CHINTA, Kolkata, India
7. Dr Vikas Dhiman DHR, MoHFW (ICMR), New Delhi, India
8. Dr. Tanvi Trushna ICMR-NIREH, Bhopal, India
9. Dr. Ojashwi Nepal KUSMS, Dhulikhel, Nepal
10. Dr. Venkata Lakshmi Narasimha NIMHANS, Bengaluru, India
11. Dr. Sharba Bandyopadhyay, IIT Kharagpur, India
12. Dr. Velayudhan Mohan Kumar, AIIMS New Delhi and SCTIMST Trivandrum, India
13. Dr. Manjunatha S, IIT Kharagpur, India

Date, Venue & Course Fee:

13th and 14th June 2025

Venue- Gargi Auditorium, IIT Kharagpur, West Bengal-721302, India

Course Fee - Rs 6000/- payable after being shortlisted – Fee covers full program access, food and lodging (twin sharing basis) for 2 days, Welcome kit and Certificate

Who can apply?

Anyone working in Neurosciences or planning a shift to Neuroscience Research and in early or mid-career stage.

Application Process: It is a 3-step process

All three steps are essential and need to be completed for successful participation

- Step 1: Apply online by clicking on the link: <https://erp.iitkgp.ac.in/CEP/courses.htm>
- Step 2: Send the following documents to the email ID physiologyiitkgp@gmail.com
 - o A brief resume (curriculum vitae) of the applicant
 - o A letter from the applicant justifying why he/she would like to attend the course and how it would be beneficial in his/her career progress
- Step 3: The selected participants will be invited to complete the payment procedure

Important Dates:

- Online Application: From 1st March 2025 till 30th May 2025
- Announcement of selection: Within ONE WEEK of completion of all requirements of application
- Completion of Payment: Within FIVE DAYS of intimation of selection with payment link
- Program date: 13th and 14th of June 2025.
- The participants will be expected to arrive one day prior to IIT Kharagpur and they have to attend the complete program. Accommodation will be available from the evening of 12th June 2025 till the evening of 14th June 2025.

Workshop Co-ordinators:

- Dr. Arijita Banerjee
- Dr. Manjunatha S

Contact details: physiologyiitkgp@gmail.com