



Application deadline – 04 March, 2023



6th National Workshop Trends and Techniques in Chronobiology

March 21-27, 2023

Center for Translational Chronobiology
School of Studies in Life Science
Pt. Ravishankar Shukla University, Raipur – 492 010, Chhattisgarh, India

Chronobiology is multidisciplinary and it includes studies of manifestations and mechanisms of circadian (= biological) rhythms. The subject shot to prominence in late 2017 with the award of the Physiology/Medicine Nobel Prize to three American scientists, who discovered underlying molecular mechanisms of biological rhythm. The implication of the principles of biological rhythms is universal to all branches of life science, including medical and agricultural sciences.

The proposed National Workshop is the 6th in the series of workshops, to be organized by the Center for Translational Chronobiology (CTC), School of Studies in Life Science, Pt. Ravishankar Shukla University, Raipur, Chhattisgarh, India. The School received DRS from the UGC under its Special Assistance Program (SAP) in 2002. Chronobiology has been the thrust area of research of this UGC-sponsored SAP right from 2002. The workshop will focus on the basic principles of chronobiology and their applications. The topics will cover: (a) characteristics of biological rhythms, (b) the entrainment of rhythms, (c) the structure of biological clocks, (d) molecular bases of the biological clock, (e) applied chronobiology, and (f) tools & techniques for studying biological rhythms. The major focus will be to do it-yourself demo of circadian rhythms in humans and other models.

Faculty: The faculty will consist of mostly Indian experts in the domain of chronobiology.

Who can participate? Research scholars and young faculty members (in any branch of life science, including medical and agricultural sciences) are eligible to apply with their bio-data and contact address including email and WhatsApp number. An applicant is required to furnish the following: (1) a brief account of the research work and/ or teaching being undertaken by her/him; (2) a write-up (about 150 words) as to why she/he would like to participate and what are the expectations from the workshop; (3) one letter of recommendation from his/her teacher. The young teachers holding regular positions should send their applications through the proper channel. **Apply through email before 04 March 2023.**

Participants: 20 [10 Participants will be from Chhattisgarh]. The selection will be based on the requirement of the workshop for the participant and also first come first serve basis. If sufficient local participants are not available then those places will be offered to applicants from outside Chhattisgarh and *vice versa*. The number of participants will be fixed at 20.

Registration fee: INR 5000.00 for outside participants; INR 2500.00 for local participants. The latter will not be offered with the accommodation facility.

Support: Travel support (limited to Second Sleeper return train fare) will be provided to all the selected participants. The registration fees will include breakfast, working lunch, dinner, accommodation, and a registration kit for the outside participants. The registration fee for the local participants will include access to the workshop sessions, working lunch, and a registration kit.

Mode of payment: Payable to Prof. Arti Parganiha, **Account No.: 10049631731, IFSC: SBIN0003739, Bank Name: State Bank of India.** Registration fees may be deposited through NEFT.

Contact: Prof. Arti Parganiha, Organizing Secretary; Cell: 9826551089; Email: arti.parganiha@gmail.com