

Webinar on “Keeping Time in The Biological World”

Date: 30-05-2020

Participants: 110

Resource person: Prof. Sheeba Vasu, JNCASR, Bangalore, India

SARVAJANIK EDUCATION SOCIETY

**SIR P. T. SARVAJANIK COLLEGE
OF SCIENCE, SURAT**

NATIONAL WEBINAR

S
P
E
A
K
E
R



**Keeping Time in the
Biological World**

30th May 2020 @ 11 AM



Prof. Sheeba Vasu
Associate Professor

Behavioural Neurogenetics Laboratory,
Jawaharlal Nehru Centre for Advanced
Scientific Research (JNCASR),
Bangalore, India.

Brief report:

On 30th May 2020, the Department of Zoology, SPTSCS, Surat organized a National Webinar on “Keeping Time in The Biological World”. Prof. Sheeba Vasu, Behavioural Neurogenetics Laboratory, Jawaharlal Nehru Centre for Advanced Scientific Research (JNCASR), Bangalore was invited to deliver a talk on the topic. She explained how biological clocks are organisms' natural timing devices, regulating the cycle of circadian rhythms. She also elaborated that these clocks are composed of specific molecules (proteins) that interact with cells throughout the body. Nearly every tissue and organ contains biological clocks. It was an amazing session with Prof. Vasu to understand the evolutionary trajectories of circadian clocks and the neuronal underpinnings of rhythmic behaviours using examples of variety of populations of *Drosophilids*.