

Cosmology Education and Research Training Centre (COSMOS) Mysuru



Indian Institute of Astrophysics
&
Yuvaraja's College (Autonomous)
IQAC and Science Forum



Invited Lecture



RUNNING WITH ANTS

Speaker: Prof. Sumana Annagiri
Professor, IISER-Kolkata

In this talk, I will be giving a glimpse into the lives of ants with a particular focus on the challenges of finding and moving into a new dwelling. Colony relocation is an important component in the life history of organisms and it directly impacts the survival and fitness, but very little is known about it. Recurring hundreds of individuals, carrying stored resources, maintaining the colony cohesion through this process, and navigating across a heterogeneous terrain are some of the challenges that ants would be facing. Using a combination of controlled lab-based experiments and field-based explorations we delineate the intricate behavioural responses of the model organism – *Diacamma indicum* to these problems.

Venue: Einstein Hall (Room No. 50),
Yuvaraja's College (Autonomous), Mysuru

Date & Time: 12 January 2024, 3.00 PM  [cosmosmysuru](https://www.instagram.com/cosmosmysuru)

ALL ARE WELCOME : Members of COSMOS, Science Forum and Zoology forum

Prof M K Mahesh, Administrative Officer

Prof H C Devaraje Gowda, Principal

Prof B M Venkatesha, IQAC Coordinator

Prof Ajay Kumar K, Controller of Examination

