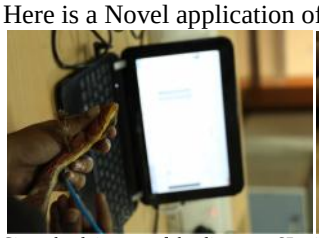
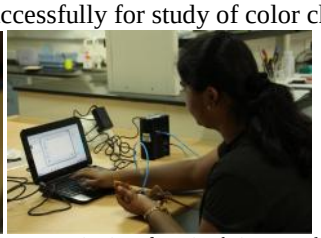
Here is a Novel application of a Jaz Spectrometer used successfully for study of color change in Lizards.





Since the dying out of the dinosaurs 65 million years ago, we are facing the greatest mass extinction of species, being caused largely due to habitat destruction from urbanization. My research focuses on the beautiful colour-changing Rock Agamas (Psammophilus dorsalis), which have been remarkably successful at adapting themselves to survive in both rural and urban areas. How do they modify their colour communication system, deal with greater stress, avoid predators and become faster learners to negotiate the fast-paced and hostile urban environment?

Research interest: Behavioural and physiological ecology