



Module PMRF-ISSS069/2024

Introduction to Population Dynamics

Name of the PMRF student

Harshavardhan BV

Required background of the students taught

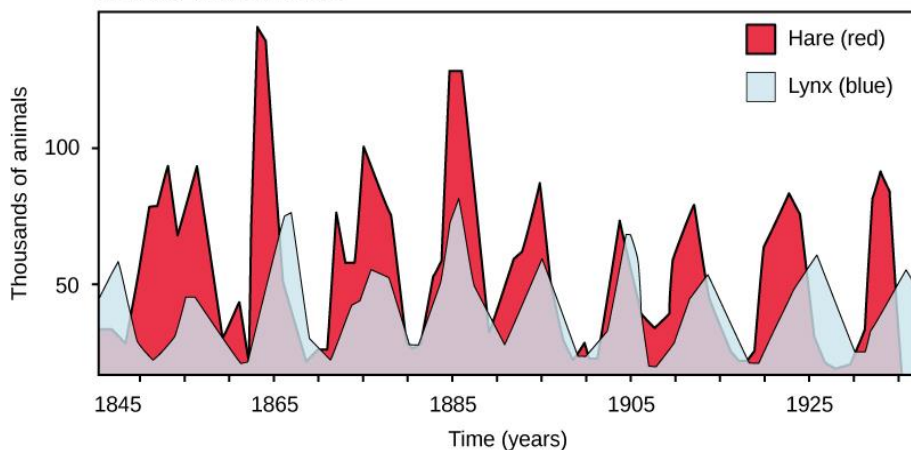
Basic calculus & differential equations
Basic ecology
Programming (optional)

Details of the content of the module

Simple growth models
Life History Strategies
Lotka-Volterra models
Steady states and phase plane analysis
Population Stability and Bifurcations
Chaos and Complex Dynamics



Predator-prey Dynamics



Schedule of the module

Start: 08/10/2024

End: 02/11/2024

Timings:

Tuesdays and Thursdays: 6:00 PM to 8:00 PM

Saturdays: 10:00 AM to 11:00 AM

Meeting link : Will be shared later

Contact email ID: iss.forum@gmail.com

Registration link:

<https://forms.gle/yw2yYqR1RD7EpRk19>