3-days full time workshop on

Basic R for Life Sciences

Objectives

In the post-genomic era, Life science career aspirants must equip themselves with tools and techniques for **efficient storage, processing and analysis of big 'Omics' data**. R is one of the widely used popular programming languages for biological data processing and analysis. The knowledge of **R will greatly help** you to meet the everyday challenges posed by your research data and can save a lot of your time and efforts to deal with it. Attending *Basic R for Life Sciences* workshop will enable you to learn basic concepts of R along with *hands-on experience* on solving biological data analysis problems. Trained by experienced research professionals from various life science domains, you will be introduced with its applicability to real-time problems.

Key Highlights

- *Day 1:* Introduction, installation and configuration of R. Using data structures and functions in R.

- *Day 2:* Data import and export, data visualization using R packages.

- *Day 3:* **Omics data analysis** case study using R/ BioConductor. Learn to troubleshoot programming issues.

Organized by

BioSakshat is a group of researchers with a vision of *Empowering Education and Research in Life Sciences* through various activities such as Workshops, Lectures, Seminars, Competitions, Scientific Social Networking, Science Outreach and much more…
Know more about us at **http://biosakshat.weebly.com**

For queries regarding workshop:
Email us at: **biosakshat@gmail.com**

Venue
**100, NCL Innovation Park
Pashan Road, Pune-411008,
Maharashtra, India.**

Date: 29th June - 1st July 2017
Time: **9 am to 5 pm**

Benefits: Participants will be able to
-Process various kinds of experimental data
-Analyze diverse experimental data
-Design your own functions
-Write customized scripts for day-to-day personal usage and save your precious time

Who should attend:
1) Student: Bachelors/ Masters students
2) Research fellows: PhD fellows/ JRF /SRF/ Project &Research Assistants
3) Academician: Post-docs/Lecturers/ Professors/Scientists
4) Industry: Domain Analyst/ Consultant/ Project Engineer/ R&D sector officials

Requirements:
Please bring your own/shared laptop so that you can carry out your hands-on sessions.

How to apply:
Please fill up online application form available at **http://biosakshat.weebly.com/** or e-mail us at **biosakshat@gmail.com** for details.

Application Deadline: 10th June 2017
Limited Seats

Registration fees*:
International participant's fee in bracket
1) Student: 3000/- INR
2) Research fellows: 5000 INR
3) Academician: 7000/- INR
4) Industry: 8000/- INR

*Includes participant's kit, study material, tea, refreshments and participation certificate