



UNIVERSITY OF DELHI

CENTRE FOR SCIENCE EDUCATION AND COMMUNICATION

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Hands-On Training in Next Generation Sequencing

30 September- 01 October, 2016

Hands-on Training in Next Generation Sequencing (NGS) is aimed at providing practical exposure in the area of NGS and also to analyse the data so generated. This Training will provide an introduction to the technology, data analysis, tools and resources for next generation sequencing (NGS) data. The content is intended to provide a broad overview of the area, and to highlight key resources, approaches and methodologies. Topics will be delivered using a mixture of lectures, practical sessions and open discussions. Practical work during the course will use small, example datasets.

Tentative programme will include the following:

1. Exposure to current and Emerging Technologies in DNA Sequencing
2. Metagenomes and microbiome
3. Library Preparation
4. Sequencing
5. Next Generation Sequencing
6. Raw data Analysis and Understanding reports
7. NGS data management
8. RNA Sequencing
9. Challenges- NGS Data Analysis

Maximum Participants- 20

Registration fees- Students= Rs 1000/- Faculty= Rs 2000/-

Eligibility- Teachers/ students from a relevant field, interested to participate in the workshop may send their application (Name, Course, Department, College, Email ID, Mobile number, current research work, justification of participation)along with one - page brief CV and current research work being carried out through email to csec.events@gmail.com by 15 September, 2016.

Shortlisted candidate will be informed by mail by 20 September after which the registration fees has to be paid through a demand draft in favor of Coordinator, CSEC by 22 September 2016.

A handwritten signature in black ink, appearing to be 'S. K. Chakrabarti', written over a horizontal line.

Director, CIC

A handwritten signature in black ink, appearing to be 'Deepa', written over a horizontal line.

Coordinator, CSEC