



ONLINE CERTIFICATE COURSE IN METAGENOMICS & BIOINFORMATICS

organised by

INTERNAL QUALITY ASSURANCE CELL
Kirori Mal College, University of Delhi, India

in collaboration with

PHIXGEN PVT. LTD., GURUGRAM, INDIA

1st July 2022-19th July 2022

[REGISTRATION LINK](#)

Last Date: 29th June 2022

Seats are on first come first basis and subject to availability

REGISTRATION FEE: RS.1000/-

PATRONS:

PROF. VIBHA SINGH CHAUHAN (Principal, Kirori Mal College, UoD)

PROF. RUP LAL (Honorary Advisor , Phixgen Pvt. Ltd)

IQAC COORDINATOR:

DR. M. RAMANANDA SINGH (Department of Chemistry, Kirori Mal College, UoD)

PROGRAM COORDINATOR:

DR. GAURI GARG DHINGRA (Department of Zoology, Kirori Mal College)

DR. UTKARSH SOOD (The Energy and Resources Institute)

Kirori Mal College

Kirori Mal College, established in 1954, is an institution of academic excellence that has successfully maintained its place as one of the finest within the University of Delhi. The mission of the college is to facilitate students and teachers to become outstanding scholars, educators, researchers and professionals and to inculcate the importance of learning and its continuous pursuance through innovative and professional methodology, hands-on training, workshops and seminars.

Internal Quality Assurance Cell (IQAC)

Ensures quality of teaching learning and also caters to training and development of the faculty members and staff.

PhiXgen Pvt. Ltd.

PhiXGen Pvt. Ltd. is committed to delivering quality services with unmatched quality. They provide support for Next Generation Sequencing projects for Genomics, Transcriptomics, and Proteomics studies. The scope of the firm includes onsite/offsite/online training courses for graduates/post-graduates and corporate professionals.

About the Course

Bioinformatics is an interdisciplinary area of the science encompassing Biology, Mathematics, Statistics, Computer Science, Chemistry for analysis, exploration, integration and exploitation of biological sciences data, in Research and Development. It is an approach which includes creation of database, development of algorithm or software and data handling for analysis and interpretation. The computational methods include analytical methods, mathematical modelling and simulation.

The Certificate Course spanned for 40 hrs has been designed to cover all the basic concepts of Computational Biology. It includes basics knowledge about requirements of hardware and software required for analysis, introduction to Linux platform, Data Formats & Databases, Blast And Its Types, DNA Sequencing methods, Bacterial Genomics, Genomic Assembly, RAST Annotations, Alignments & Phylogeny, Protein Modelling, Metagenomics analysis and more.

Individuals participating in this certificate program will be better positioned to develop productive careers in the burgeoning fields of computational biology and bioinformatics. Employment opportunities for students with these skills can be found throughout industry, including the areas of healthcare, forensics and the pharmaceutical companies. As one might expect in an emerging field, even more research opportunities exist.

ELIGIBILITY:

INTERESTED INDIVIDUALS- STUDENTS/TEACHERS/RESEARCHERS FROM ANY DISCIPLINE

DETAILS FOR RTGS/NEFT PAYMENT:

Account Type Savings

Account Name Kirori Mal College General Fund A/C

Bank Name Punjab National Bank (PNB)

Branch Address Kirori Mal College, Delhi – 110007

Account No. 51522010003240

IFSC Code PUNB0515210

[REGISTRATION LINK](#)

AMOUNT INR 1000/-

ORGANIZING TEAM

Dr. M. Ramananda Singh

Prof. Kalpana Bhrara

Prof. Rakesh Kumar Pandey

Mr. Ram Sunil Kumar Lalji

Dr. Gauri Garg Dhingra

Mrs. M. Memita Devi

Mr. Ram Saran

Dr. Pawan Bala Agarwal

Dr. K.A. Singh

Dr. Chongtham Jiten

Mr. B. Semthanga

Dr. Khusro Moin

Ms. Ankita Jain

Queries can be addressed to iqackmc.du.ac.in, phixgen@gmail.com

For details please visit our website <http://www.kmc.du.ac.in/>