



NATIONAL WORKSHOP ON DATA ANALYTICS AND ITS APPLICATIONS IN BIOTECHNOLOGY

(Sponsored by DBT, New Delhi)



सत्यमेव जयते
DEPARTMENT OF BIOTECHNOLOGY
GOVERNMENT OF INDIA

Organized by

Department of Computer Technology & Biotechnology

Dr. N.G.P. ARTS AND SCIENCE COLLEGE (Autonomous)

Approved by Government of Tamil Nadu & Affiliated to Bharathiar University
Re-Accredited by NAAC with 'A' Grade | DBT Star Scheme

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Prof. Dr. RadhaPalaniswamy

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Objective of the Workshop

The objective of the workshop is to enable the students, researchers, academicians, and industry fraternity to focus on the ever growing volume and diversity of life science data collections. The workshop is organized in an interdisciplinary manner to bring together leading scientist, researchers academician and industrialist working on a diverse range of Data Analytics and its Applications in Biotechnology to engage them in a discussion about recent trends in Big Data, challenges, issues, computational tools, data management and future trends within life sciences.

Topics to be Covered

- Doing biology with data analytics and machine learning
- Folding Pathway Heterogeneity in Proteins: Compressing a Multi-Dimensional Landscape in to Two Dimensions
- High-Throughput Metagenomic Data Reveals the Prevalence of ARGs and HMRGs in Mangrove Ecosystem
- Searching for sequence homologues in the protein sequence space using computational algorithms
- Bridging the islands of protein families in sequence space using artificial sequences

Date: February 14 - 15, 2019

SPEAKERS

Venue: NGP Conference Center



Prof. Dr. Shandar Ahmad
JNU, New Delhi



Dr. Athi N. Naganathan
IIT, Chennai



Dr. R.Sowdhamini
NCBS, Bangalore



Dr. N.Srinivasan
IISc, Bangalore



Dr. P.J.A. Alphonse
NIT, Trichy



Dr. Ranjith Kumavath
CUK, Kerala



Dr. S.Lovelyn Rose
PSG Tech., Coimbatore

Registration

Registration kit and Lunch will be provided to all delegates. Accommodation will be arranged for faculty and students on request (payment basis). Download Registration Form available at www.drngpasc.ac.in

Participants

Students (UG & PG)	Rs. 350/-
Academicians / Research Scholars	Rs. 600/-
Industrial Delegate	Rs. 1000/-

Sponsorship

DBT-CTEP (Conference, Travel, Exhibition and Popular Lectures), New Delhi.

ADDRESS FOR CORRESPONDENCE

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