

ABOUT THE INSTITUTION

Gayatri vidya Parishad is an Educational Society established by a group of erudite academicians of Visakhapatnam city in the year 1988 and supported by a number of industrialists and philanthropists of the city.

Gayatri Vidya Parishad started its activities from 28-09-1988. The society is managed by eminent educationists, philanthropists and technocrats. One of the major aims of the Trust is "To promote, establish, maintain and assist in maintaining educational and other institutions with a view to imparting education in all branches in general and advanced technology, management, education, humanities and Science in particular, and thus to facilitate securing gainful employment to the youth of the country".

The founding sagas are a source of inspiration and strength to the institution and their wisdom is reflected in the content and quality of the curriculum for all the courses. All the other members of the Governing Body are eminent academicians, great educationists and social workers who laid strong foundations for the promotion of professional, ethical and human values for this great edifice of academic excellence and continue to guide it to scale new heights over the past three decades.

VISION OF THE INSTITUTION

Creating Human excellence for a better society

MISSION OF THE INSTITUTE

Unfold into a world class organization with strong academic and research base, producing responsible citizens to cater to the challenging needs of the society.



GAYATRI VIDYA PARISHAD COLLEGE FOR DEGREE AND PG COURSES (AUTONOMOUS)

MVP Campus, Visakhapatnam
(Affiliated to Andhra University)

THREE DAYS NATIONAL LEVEL ONLINE FACULTY DEVELOPMENT PROGRAMME ON BIOINFORMATICS

(Hands on Training)

18th to 20th March, 2024

10.00 am to 12.30 pm and 2.30 pm to 5.00 pm

Organized by

DEPARTMENT OF MICROBIOLOGY

GAYATRI VIDYA PARISHAD COLLEGE FOR DEGREE AND PG COURSES (AUTONOMOUS)

MVP Campus, Visakhapatnam
(Affiliated to Andhra University)



In association with

XCELLOGEN BIOTECH Pvt. Ltd.
Thiruvananthapuram, Kerala



RESOURCE PERSON



Dr. ANUROOPA G. NADH

CM-Navakerala Post-Doctoral Fellow
(Kerala University of Digital Sciences, Innovation and Technology)

FDP MODULES

Module1 - Introduction to bioinformatics

- Concept
- Major areas and specialization
- Applications & limitations
- Major contributions in the field of drug discovery

Module 2 - Genomics and proteomics

- Genes to proteins
- Disease markers
- Metabolic pathways
- Genetic and biological function modulators

Module3 - Biological databases

- Overview of major biological databases
- Primary and secondary databases
- Categories of databases and applications

Module 4 - Sequence alignment

- Basic concepts of similarity searching and sequence alignments
- Local and global alignment
- Pairwise and multiple sequence alignments
- Sequence alignment applications
- Phylogenetic analysis

Module 5 - Computer Aided drug design (CADD)

- Introduction to CADD
- CADD pipeline
- Molecular docking
- Biological activity prediction

Who can Participate:

Faculty members teaching for UG & PG and Research Scholars.

Certification:

Digitally signed e-certificates will be provided to the participants who will attend all the sessions and after the submission of feedback form. The participant should provide his or her correct full name, proper designation, name & Address of his institute, etc to avoid mistakes in the e-certificate.

ORGANIZING COMMITTEE

Chief Patrons:

Prof. P. Srinivasa Rao

President, Gayatri Vidya Parishad

Sri. D. Dakshina Murty

Vice President, Gayatri Vidya Parishad

Prof. K. P. R. Sastry

Vice President, Gayatri Vidya Parishad

Prof. P. Soma Raju

Secretary, Gayatri Vidya Parishad

Sri. V. R. K. S. Siva Prasad

Treasurer, Gayatri Vidya Parishad

Prof. P.V. Sarma

Member, Gayatri Vidya Parishad

Prof. V.S.R. Krishna Prasad

Member, Gayatri Vidya Parishad

Dr. B. Subba Rao

Member, Gayatri Vidya Parishad

Prof. P. Raja Ganapati

Member, Gayatri Vidya Parishad

Sri. D.V.S. Kameswara Rao

Member, Gayatri Vidya Parishad

Advisory committee:

Prof. P. Sasibhushana Rao

Former Professor and Director (Academics), Gayatri Vidya Parishad College for Degree and PG Courses (Autonomous)

Patrons:

1. Prof. S. Rajani

Principal, Gayatri Vidya Parishad College for Degree and PG Courses (Autonomous)

2. Dr. A. Anand

Director, UG Courses, MVP Campus, Gayatri Vidya Parishad College for Degree and PG Courses (Autonomous)

Convenor:

Dr. L. Sujatha

Head of the Department, Department of Microbiology Gayatri Vidya Parishad College for Degree and PG Courses (Autonomous)

Organizing Secretary:

Smt. D. Syamala

Assistant Professor, Department of Microbiology

Members:

Dr. Ilahi Shaik

Dr. G. Sravan Kumar

Dr. Hephzibah Rani Singh

Smt. D.V. Sushma Chandra

ABOUT FDP:

Faculty Development Programme (FDP) is a tool for fostering knowledge and professional skills of faculty members in order to improve their performance in education, research and administration as well as augmenting organizational capacities and culture. This FDP is specifically designed to discuss, deliberate and come up with the use of Bioinformatics in the present scenario.

OBJECTIVE:

The main aim of this FDP is to provide an opportunity for faculty / Researchscholars experience the Hands-on training and interact with the distinguished speaker to discuss the various topics related to bioinformatics.

REGISTRATION:

The registration process for this programme is online through the below given google form link
https://docs.google.com/forms/d/e/1FAIpQLSd7YWJ0TbpWmAj602VgcceyoZ2UdS3dvBKh3FAEYZZEHSWryw/viewform?usp=sf_link



REGISTRATION FEE:

Faculty - INR 1000/-

Research Scholar - INR 900/-

Payment can be done through UPI/Debit Card/
Credit Card/Net Banking details:

Name of the Account:

GVP DEGREE COLLEGE

A/C No : 54025902806, IFSC Code : SBIN0040546
UPI ID : 54025902806@SBI

Proof of remittance of the requisite registration fee should be uploaded in the google form

Contact Details:

Dr. L. Sujatha, 9912800248

Smt. D. Syamala, 9000257621