Memorandum of Understanding

DEPARTMENT OF BIOTECHNOLOGY

2018-19

KAKATIYA GOVERNMENT COLLEGE HANUMAKONDA, TELANGANA

Memorandum of Understanding Activities – Year Wise

Name of the institution/ industry/ corporate house with whom MoU is signed	Year of signing MoU	Duration	year wise activities	List the actual activities under each MOU
Department Of Biotechnology, Vaagdevi Degree & P.G College, Hanumakonda.	2018-19	5 YEARS	2018-19	Extension Lecture on 12.11.2018
			2019-20	Study Material
			2020-21	Exposure visit of Lab

Place: Hanumakonda

Memorandum of Understanding between Department of Biotechnology, Vagdevi Degree College, Hanumakonda and Department of Biotechnology KGC Hanumakonda

MEMORANDUM OF UNDERSTANDING

22/9/2018

DEPARTMENT OF BIOTECHNOLOGY
KAKATIYA GOVERNMENT COLLEGE, HANAMKONDA

&

DEPARTMENT OF BIOTECHNOLOGY
VAAGDEVI DEGREE & PG COLLEGE, HANAMKONDA

FOR THE DEVELOPMENT OF ACADEMIC COOPERATION IN QUALITY EDUCATION

The broad objective of this Memorandum of Understanding (MOU) between Department of Biotechnology, Kakatiya Government College, Hanamkonda and Department of Biotechnology, Vaagdevi Degree & PG College is to stimulate and facilitate the development of collaborative and mutually beneficial programs in these two Institutions. This will enhance the Academic Cooperation in providing Quality Education for the benefit of the students studying in both the institutions.

The two Educational Institutions will:

- Cooperate in the exchange of information relating to their activities in teaching and research in fields of mutual interests.
- Promote appropriate joint study/research projects and joint courses of study, with particular emphasis on government/NGO funded projects.
- Endeavor to encourage students and staff to spend periods of time in both the institutions. The exchange of students will be dependent on the execution of a formal Student Exchange Agreement prior to commencement of the activity.
- Conduct short term courses/ value added courses /add-on courses/field projects.
- Internships, as mutually agreed in writing between the parties prior to commencement of the activity.
- Conduct environmental/academic/sports and games /cultural projects, as mutually agreed memorandum in writing between the parties prior to commencement of this activity.
- Conduct study tours, as mutually agreed in writing between the parties prior to commencement of this activity.

The aim of the Memorandum of this Understanding shall be to achieve a broad balance in the respective contributions and benefits of the collaboration, and this shall be subject to periodic review by both the institutions.

Signed For & On behalf of
Department of BIOTECHNOLOGY
Kakatiya Government College,
Hanamkonda

PRINCIPAL
Kakatiya Govt. College
Hanamkonda

PRINCIPAL
KAKATIYA GOVT. COLLEGE
Hanamkonda.

Signed For & On behalf of
Department of BIOTECHNOLOGY
Vaagdevi Degree & PG College,
Hanamkonda

PRINCIPAL
Vaagdevi Degree & P.G. College
Hanamkonda

Principal
VAAGDEVI DEGREE & P.G. COLLEGE
Kishanpura, Hanamkonda

EXTENSION LECTURE

12-11-2018

Extension lecture by Dr.Hima Bindu Vaagdevi Degree & PG College on the topic ***"Transgenic Animals"*** on 12.11.2018

PREPARATION OF STUDY MATERIAL

2019-20

STUDY MATERIAL PREPARED UNDER MOU

ON BIOINFORMATICS

BY

KAKATIYA GOVERNMENT COLLEGE, HANAMKONDA

DEPARTMENT OF BIOTECHHNOLOGY

&

VAAGDEVI DEGREE & PG COLLEGE, WARANGAL

DEPARTMENT OF BIOTECHHNOLOGY

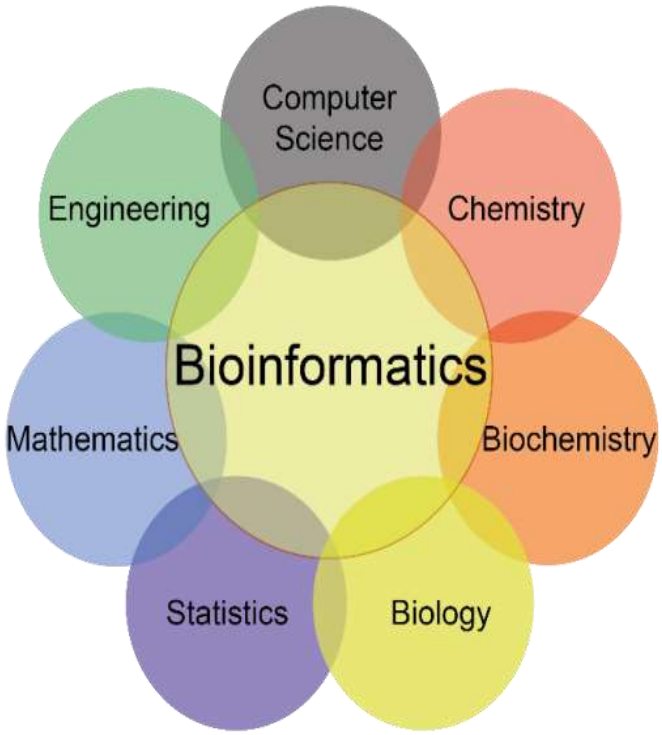
Signed For & On behalf of
Department of BIOTECHNOLOGY
Kakatiya Government College,

Signed For & On behalf of
Department of BIOTECHNOLOGY
Vaagdevi Degree & PG College,
Hanamkonda

Bioinformatics - Introduction

Definition

Bioinformatics is an interdisciplinary field that develops methods and software tools for understanding biological data. As an interdisciplinary field of science, bioinformatics combines computer science, information technology, statistics, and mathematics, chemistry (biochemistry) to study and analyze biological data. Bioinformatics often referred to as marriage between Biology and Computers.



Current technologies like Next Generation Sequencing (NGS), genome sequencing, microarray profiling have generated a large amount of data. These data, or rather Big Data, derived from Genome, Transcriptome, Proteome, and Metabolome need to be organized into databases and analyzed. This is where Bioinformatics can be a very powerful & effective tool.

EXPOSURE VISIT TO LAB

14.11.2021

Exposure visit to Department of Biotechnology, Vaagdevi Degree and PG College, Hanumakonda and students volunteered in performing blood grouping on 14.11.2021