



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (AUTONOMOUS)

L.B. REDDY NAGAR, MYLAVARAM - 521230. A.P. INDIA

Affiliated to JNTUK Kakinada & Approved by AICTE, New Delhi

NAAC Accredited with "B++" grade, Accredited By NBA Tier-I & Certified by ISO 9001:2015

<http://www.lbrce.ac.in>, Phone: 08659 - 222933, Fax: 08659 - 222931 Extn:109

DEPARTMENT OF INFORMATION TECHNOLOGY

Report for One Day Guest Lecture on "Basics of Bio-Informatics"

Event Type : Guest Lecture

Date / Duration : 02/02/2021/One Day

Resource : Dr.D.Srinivasa Rao

Name of Coordinator(s): Dr. K. Anupriya, Mr.K.Raviteja and Dr.S.Naganjaneyulu

Target Audience : Third Year & Final Year

Students Total no of Participants: 109

Objective of the event: To enhance theoretical knowledge in Bio-Informatics especially in Protein Databases

Outcome of event : Students understood the importance of Bioinformatics & the role of an IT engineer in the Biological data Analysis

Description / Report on Event:

This guest lecture is an attempt to aware the students about the importance of Bio-Informatics. Some of the topics covered in this lecture include DNA, Protein, Human Genome Project, Data Bases, and Sequence Alignments. This lecture has created awareness in the students and students identified their role in the field of Bio-Informatics for the analysis of Biological data using Machine Learning algorithms and statistics.

Feedback / Suggestions: Suggested to organize this kind of Lectures regularly.

Photographs :



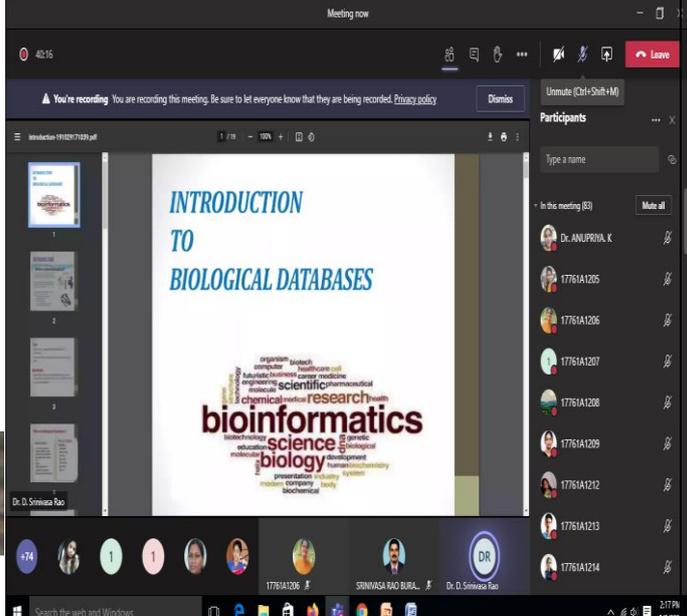
LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING
(AUTONOMOUS)
 Accredited by NAAC & NBA (CSE, IT, ECE, EEE & ME)
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 L.B.Reddy Nagar, Mylavaram-521230, Krishna Dist, Andhra Pradesh, India

DEPARTMENT OF INFORMATION TECHNOLOGY

WELCOME TO GUEST LECTURE ON "BASICS OF BIO-INFORMATICS"

Resource Person:
Dr. D. Srinivasa Rao
 Professor,
 Department of Biotechnology
 Acharya Ngarjuna University,
 Guntur





Meeting now

4:16

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Participants

INTRODUCTION TO BIOLOGICAL DATABASES

bioinformatics

science biology

Dr. D. Srinivasa Rao



Meeting now

2:54

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Participants

SRINIVASA RAO BURUGA

SARWANIL A. #

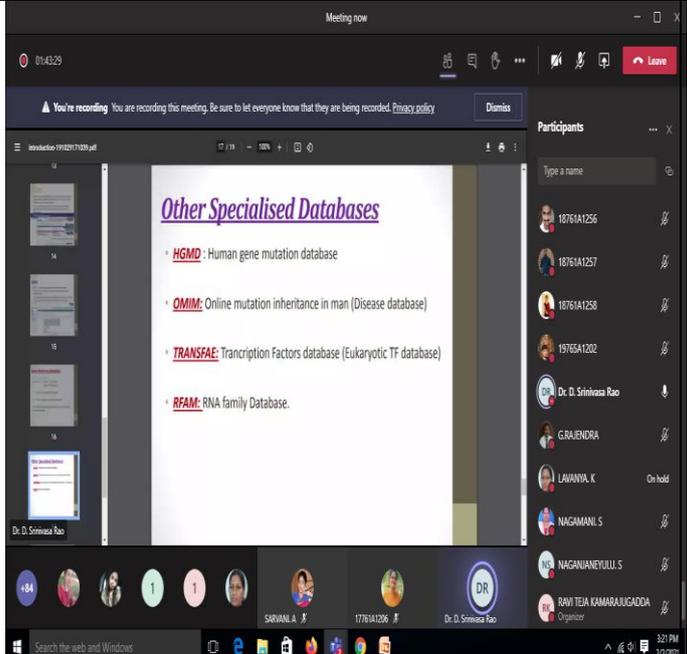
RAMA DEV BURUGU

LAJANNA K. #

SAMBASIVA RAO, CH. #

NAGAMANI S. #

Dr. D. Srinivasa Rao



Meeting now

01:43:29

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Participants

Other Specialised Databases

- **HGMDB**: Human gene mutation database
- **OMIM**: Online mutation inheritance in man (Disease database)
- **TRANSFAE**: Transcription Factors database (Eukaryotic TF database)
- **RFAM**: RNA family Database.

Dr. D. Srinivasa Rao

SARWANIL A. #

17761A1206 #

Dr. D. Srinivasa Rao

19765A1202

G. RAJENDRA

LAJANNA, K. On hold

NAGAMANI S.

NAGANJANEYULLU, S.

SAVI TEJA KAMARAJUGADDA Organizer

Signature of the Coordinator(s)

Signature of the
 CSI LBRCE Student Branch Counselor

Signature of the HoD