



Presently, four veterinary colleges, one food science college, four research stations, seventeen University Training and Research Centres, three farmers training centres and two Avian Disease Diagnostic Laboratories functioning under this university..

The Bioinformatics Centre at Madras Veterinary College has been identified as one such node in the network which was established in the year 1990-1991 to cater to the needs of scientists of Veterinary, Animal & Fishery Sciences in the field of Bioinformatics and Biotechnology.

### Madras Veterinary College

The Madras Veterinary College is in Vepery, Chennai, India. The college was established on October 1, 1903, in a small building known as Dobbin Hall. The college became affiliated with the University of Madras in 1935, and became the first college to offer the bachelor's degree in Veterinary Medicine in India.



The first Veterinary and Animal Sciences University in Asia was established on 20<sup>th</sup> September 1989 with its head quarters in Chennai with the name **Tamil Nadu Veterinary and Animal Sciences University (popularly abbreviated as TANUVAS)** after realizing the importance of education and research in animal and fisheries so as to increase its productivity towards better income generation for the farmers.

TANUVAS has been conferred with the prestigious “**Sardar Patel Outstanding ICAR Institution Award-2011**”, recognizing its outstanding performance in education, research and extension in the country in the field of agricultural sciences including veterinary, animal and fisheries sciences at the 84th Foundation Day celebrations of ICAR on 16.07.2012 at New Delhi. **TANUVAS is the first veterinary university in the country to bag this coveted award.**

The Centre has been providing computational facilities, bioinformatics –related services to its users. The centre is equipped with state-of-art services and facilitates in terms of hardware, software, information storage and retrieval and an in-house wetlab to carry out molecular biology works.

Major activities of the centre include human resource development, research, information retrieval, database creation etc.,

So far, (1999 to November 2012) this centre has trained more than 1000 scientists, research scholars, faculties in the area of Bioinformatics. Two PG courses namely, M.Sc., Bioinformatics and PG Diploma in Bioinformatics are being offered at this centre.

Research in the area of Drug discovery/docking, Lead optimization, Epitope prediction, Microarray analysis, Pathway analysis, Database creation, Modelling and Comparative Genomics are carried out at this centre.



In 1989, the college was affiliated with TANUVAS. At present the college has 27 departments and offers various degree and diploma courses in Veterinary & Animal Sciences, Bioinformatics and Biotechnology.

### Bioinformatics Centre at MVC

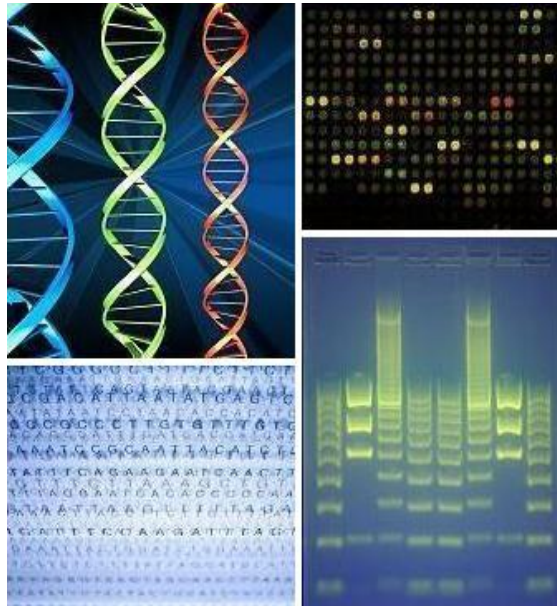
The Dept. of Biotechnology, Govt. of India, New Delhi has established a nationwide Bioinformatics network in India called BTISNet in 1986-87 with more than 162 centres. The main objective of this network is to harness the scientific knowledge of rapid advancement in Bioinformatics and Biotechnology and sustainable utilization of biological resources for the betterment of nation.



From



**TRAINING PROGRAMME ON  
BIOINFORMATICS TOOLS AND  
TECHNIQUES FOR GENE AND  
PROTEIN ANALYSIS**



-BOOK POST -

To

**Objective :** The objective is to train and develop human resource in the field of application of Bioinformatics tools for analysis of biological data by sequence database, DNA and protein sequence alignment, similarity searches etc

**Contents :** The broad areas to be covered during various sessions include: Recent trends in Bioinformatics, Molecular Modeling, Genomics, Proteomics, Biological Databases, Biological Sequence Analysis, Phylogeny, docking and drug discovery, DNA isolation, PCR and SDS PAGE etc., as well as Hands-on experience in wet lab, related software, case studies etc.,

**Level of participants :** Scientists, research scholars and teaching faculties

**Prerequisites :** Knowledge of computer operation with biological knowledge preferable

**Number of participants :** 25-30 [Only on first-come, first-served basis]

**Registration Fee :** ₹2000/- (includes course material, Tea, snacks and lunch.

**Accommodation :** Would be provided on payment basis on prior request subject to the availability.

Last Date For Registration Along With DD :  
**31 December 2012**



07-11 JANUARY 2013



Bioinformatics Centre & ARIS Cell  
Madras Veterinary College  
Chennai-600 007

**Contact**

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Training Programme on  
**BIOINFORMATICS Tools and Techniques for  
Gene and Protein Analysis**

07-11 January 2013



**REGISTRATION FORM**

1. Name : -----

2. Sex : Male/Female

3. Designation : -----

4. Degree : -----

5. Department : -----

6. Organization: -----  
-----  
-----

7. Address for -----  
Communication:-----  
-----

8. Phone: (O) ----- (R)-----

Fax: ----- Mobile : -----

9. Email: -----

10. Areas of Interest:-----

11. Registration Fee: ` -----

12. Mode of Payment:

Demand Draft No. -----Dated-----

Bank Name : -----

`----- (For Rupees-----only)

13. Accommodation : Would be provided based on request from the participants based on the availability on payment basis

Accommodation Required : YES / NO

The registration fee shall be paid by Demand Draft drawn in favour of **“The Project Coordinator, Bioinformatics Centre, Madras Veterinary College, Chennai-7”** and payable at Chennai on any Nationalized Bank. Selection will be based on First-Cum, First Serve Basis. (This registration form is for one nomination only. For more nominations, Photocopies of this form may be used.) Soft copy of the registration form may be send along with photo copy of DD for immediate approval.

