

**SRI VENKATESWARA COLLEGE**

**DEPT: IQAC & BIOCHEMISTRY**

**IQAC ACTIVITY No:2018-2019**

<b>NAME OF THE ACTIVITY: Bioinformatics Training Programme for College Teachers</b>			
<b>DATE</b>	<b>Faculty</b>	<b>DEPARTMENT/COMMITTEE</b>	<b>COORDINATOR NAME</b>
July 27-28,2017	Dr. N.Latha	IQAC and Bioinformatics Centre, SVCollege	Dr. N.Latha
<b>TIME</b>	<b>VENUE</b>	<b>NUMBER OF PARTICIPANTS</b>	<b>NATURE: Outdoor/Indoor</b>
9AM-5 PM both days	Seminar Hall & Hands on training- Bioinformatics Lab	15	INDOOR
<b>SUPPORT/ASSISTANCE:</b>	DBT_BTISNET		

**BRIEF INFORMATION ABOUT THE ACTIVITY (CRITERION NO. VI)**

<b>TOPIC/SUBJECT OF THE ACTIVITY</b>	Bioinformatics Training Programme for College Teachers
<b>OBJECTIVES</b>	The training program was organized commemorating 10 years of Bioinformatics Centre at Sri Venkateswara College. The objective of the workshop was to impart basic training in the area of Bioinformatics , especially in the area of Protein Modeling and CADD.
<b>METHODOLOGY</b>	<ul style="list-style-type: none"> <li>• Lectures by scientists from academia/Industry</li> <li>• Hands on Session</li> <li>• Practice Exercises</li> </ul>
<b>OUTCOMES</b>	<ul style="list-style-type: none"> <li>• The participants were acquainted with theoretical background of molecular modelling</li> <li>• Drug target identification and processing, design and processing of small molecule inhibitors, characterization of small molecules</li> <li>• Protein-small molecule interaction analysis (molecular docking)</li> <li>• Identification of important interaction residues</li> </ul>

**PROOFS & DOCUMENTS ATTACHED (Tick mark the proofs attached):**

Notice & Letters	list of participation	Activity report	Photos	Feedback form

**List of Participants**

S.No.	Name	Department	College	Email
1	Dr. Shivani G Varmani	Biomedical sciences	Bhaskaracharya college of applied sciences	shivani.varmani@gmail.com
2	Dr. Vijaya Kumar Nalla	Microbiology	Bhaskaracharya college of applied sciences	nallavijay.kumar@bcas.DU.ac.in
3	Dr. Preeti Karwal	Biochemistry	Deshbandhu	preetisach22@gmail.com
4	Dr. Taruna Arora	Biochemistry	Institute of Home Economics	tarunaarora27@gmail.com
5	Dr. Sudesh Bhardwaj	Botany	Kalindi	sudeshbhardwaj2007@gmail.com
6	Dr. Nimisha Sinha	Biochemistry	SVC	nimisha10@gmail.com
7	Dr. M. Abdul Kareem	Biochemistry	IGNOU	abdul.kareem@ignou.ac.in
8	Dr. Sandeepa Singh	Botany	Maitreyi	sandeepasingh100@yahoo.com
9	Dr. Mansi Verma	Zoology	SVC	mansiverma20@gmail.com
10	Prabhavati	Botany	Shivaji	prabha5_udsc@yahoo.com
11	Dr. Shukla Saluja	Botany	SVC	shefali.shukla@yahoo.co.in
12	Dr. Neeti Mehla	Botany	SVC	neetidhaka@yahoo.com
13	Dr. Aditi Kothari	Botany	SVC	aditikoth@gmail.com
14	Dr. Vandana Malhotra	Biochemistry	SVC	Vmal71@gmail.com
15	Dr. Neena R Wadehra	Biochemistry	Shivaji	wadehranr@yahoo.com





BIOINFORMATICS CENTRE  
SRI VENKATESWARA COLLEGE  
( UNIVERSITY OF DELHI)

## Certificate of Participation

This is to certify that

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has attended the 2 day "Bioinformatics Training Programme for  
College Teachers" organized by Bioinformatics Centre,  
Sri Venkateswara College, University of Delhi on July 27-28, 2017  
commemorating the 10th Anniversary of the Centre.

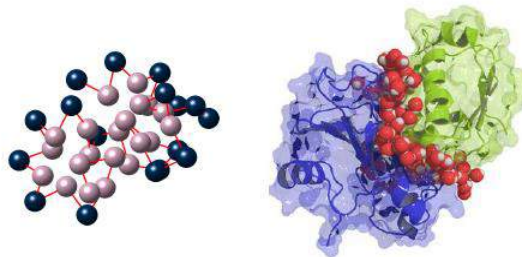
Dr. N. Latha  
Coordinator,  
Bioinformatics Centre

Dr. P. Hemalatha Reddy  
Principal  
Sri Venkateswara College



2007-2017  
Commemorating the 10<sup>th</sup> Anniversary

**Bioinformatics Centre**  
**Sri Venkateswara College**  
*announces*  
**BIOINFORMATICS TRAINING PROGRAMME**  
**FOR COLLEGE TEACHERS**



**JULY 27-28, 2017**  
**(Limited Seats -15) NO REGISTRATION FEE**  
Topics: Protein Modeling, Sequence Alignment & CADD  
For Registration and other details visit:

[www.bic-svc.ac.in](http://www.bic-svc.ac.in)

Contact: Dr. N. Latha, Coordinator, Bioinformatics Centre, 9891900122

IQAC Document No: SVC/2018-2019/	Criterion No: II/VII	Metric No: 7
Departmental file no: FDP	IQAC file No; 2018-2019	

NAME OF TEACHER & SIGNATURE	NAME OF HEAD/ COMMITTEE INCHARGE & SIGNATURE	IQAC COORDINATOR (SEAL & SIGNATURE)
<u>N. Latta</u> ..	NOT APPLICABLE	<u>N. Latta</u> ..

For Reference

Criterion I	Curricular Aspects (planning & Implementation)	Criterion V	Student Support & Progression
Criterion II	Teaching Learning & Evaluation	Criterion VI	Governance
Criterion III	Research, Innovations & Extension	Criterion VII	Institutional Values & Best Practices
Criterion IV	Learning Resources and Infrastructure		



Commemorating the 10<sup>th</sup> anniversary (2007-2017)

BIOINFORMATICS CENTRE, SRI VENKATESWARA COLLEGE

*organizes*

## **BIOINFORMATICS TRAINING PROGRAMME FOR COLLEGE TEACHERS**

**JULY 27-28, 2017**

### **Day 1 (JULY 27, 2017)**

9.30 – 10.00 am	<b>Inauguration by Dr. T Madhan Mohan, Adviser, Department of Biotechnology, Ministry of Science &amp; Technology, Govt. of India</b>
10.00 – 11.00 am	<b>Keynote lecture by Prof. B. Jayaram, Department of Chemistry &amp; Coordinator SCFBio, IIT Delhi</b>
11.00 -11.30	<b>High Tea</b>
11.30 am	<b>Lecture cum Demonstration of Biological Databases by Prof Arun Jagannath, Department of Botany, University of Delhi</b>
1.00	<b>LUNCH</b>
2.00 -4.00 PM	<b>Hands on Session on Sequence Alignment, Protein Modeling &amp; Validation</b>

### **Day 2 (JULY 28, 2017)**

9.30 – 10.00 am	<b>Lecture by Dr. N.Latha “ Introduction to Computer Aided Drug Design”</b>
10.00 – 10.30 am	<b>Lecture by Dr. Tarun Jain “ Lead Optimization in Drug Discovery”</b>
10.30 -11.00	<b>Tea</b>
11.00 am	<b>Hands on Session on Protein &amp; Ligand Preparation</b>
1.00	<b>LUNCH</b>
2.00 -4.00 PM	<b>Hands on Session on Molecular Docking</b>