

## REGISTRATION FEE

Students /Scholars/ Academicians : Rs.600  
Industry Professionals : Rs.1000

Participants are requested to send their details through e-mail on or before 31<sup>st</sup> July, 2018. Confirmation will be sent to the selected participants through e-mail. Only the selected participants are requested to register with registration fee in the form of Demand Draft drawn in favor of "The Principal, SVCE, Sriperumbudur" payable at Indian Bank, Sriperumbudur. **Filled in registration form along with DD should be sent to the below mentioned address on or before 7<sup>th</sup> August, 2018. The number of participants is limited to 40 and the selection will be based on first-cum-first serve.**

## BONAFIDE CERTIFICATE

(For Students only)

Mr./Ms. \_\_\_\_\_  
is permitted to attend "*National workshop on Immunoinformatics for Drug and Vaccine Design*" during 24<sup>th</sup> and 25<sup>th</sup> August, 2018 at Sri Venkateswara College of Engineering, Sriperumbudur Tk. – 602 117, Tamilnadu.

Date: \_\_\_\_\_ Signature  
(Designation & Seal)

## MAILING ADDRESS

**Mr. P.K.Praveen Kumar**

Assistant Professor  
Department of Biotechnology  
Sri Venkateswara College of Engineering  
(Autonomous)  
Pennalur, Sriperumbudur Tk - 602 117  
Tel: 044 - 27152000 / 27163783 Extn: 587  
Mobile: +91-9444495008/8778953918  
**E-mail: idvd2018@svce.ac.in**

## *National workshop on "Immunoinformatics for Drug and Vaccine Design"*

24<sup>th</sup> & 25<sup>th</sup> August, 2018

## REGISTRATION FORM

1. Name :
2. Designation :
3. Age :
4. Participant Category : Student / Faculty / Industry
5. Branch & Year:
6. Name of the Institution with postal address:
7. E-mail ID:
8. Mobile number:
9. Specialization:
10. Registration fee:  
Demand draft No. & Date:

## Declaration

I agree to abide by the rules and regulations of the workshop.

Place:

Date:

Signature:

(Copy of this form can be used for registration)

## *National workshop on "Immunoinformatics for Drug and Vaccine Design"*

24<sup>th</sup> & 25<sup>th</sup> August, 2018

Organized by



Department of Biotechnology  
Sri Venkateswara College of Engineering

## CONVENERS

Prof. M. Sivanandham  
Prof. E. Nakkeeran

## ORGANIZING SECRETARY

Mr. P.K.Praveen Kumar

## COORDINATORS

Ms. V.Sumitha  
Mr. J.Hariharan  
Mr. D.Suresh Kumar

Department of Biotechnology  
Sri Venkateswara College of Engineering  
(Autonomous)  
Sriperumbudur Tk - 602117  
Tamil Nadu, India  
[www.svce.ac.in](http://www.svce.ac.in)

## ABOUT THE INSTITUTION

Sri Venkateswara College of Engineering (Autonomous) (SVCE), one of the premier technical institutions in Tamilnadu, was established in 1985. The College is situated on the Chennai-Bengaluru National Highway (NH4) about 37 km south-west of Chennai. The college offers 10 UG programmes and 10 PG programmes. The National Board of Accreditation accredited many of the eligible programmes and SVCE is an ISO 9001:2008 certified institution.

## DEPARTMENT OF BIOTECHNOLOGY

Sri Venkateswara College of Engineering noted the recent growth in Modern Industrial Biotechnology. In order to support the growth in Biotechnology, SVCE started the Department of Biotechnology in 2005 under the guidance of our Chairman Dr.A.C.Muthiah, a well known Industrialist who understands the strength of Industrial Biotechnology. The department offers B.Tech and M.Tech Biotechnology programmes under Anna University, Chennai, approved by AICTE. It is also approved as a Research Center in Biotechnology for MS (by Research) and Ph.D. programmes by Anna University, Chennai. The Department has well established laboratory facilities namely Bioprocess and downstream processing, Immunology, Instrumental Methods of Analysis, Genetic Engineering, Animal house, Research Lab, Bioinformatics Lab and Computational Systems Biotechnology Lab.

The Department received Research Grants (1.2 Crore) from various funding agencies such as SERB, ICMR, AICTE, CTS and also several grants (22 lakh) for organizing Short Term Training courses, workshops, faculty development programmes from various funding agencies such as DBT, ICMR, CSIR and EDII.

## PROGRAMME OBJECTIVE

Immunoinformatics is an important emerging field which acts as an intersection between experimental immunology and computational approaches. Immunoinformatics research in the field of vaccine and drug development has bloomed, particularly over the last decade as more and more intrinsic knowledge of diseases and the immune mechanisms involved are being uncovered.

Chikungunya is an example of widespread infectious disease with unpredictable reemerging disease outbreaks. Reverse vaccinology approach has been used to elucidate the epitopic peptides associated with the Chikungunya viral protein. This workshop is aimed at describing recent applications of immunoinformatics on designing *in silico* vaccine design and drug design for Chikungunya disease. Immunoinformatics in vaccine design includes the study and design of algorithms for mapping potential B- and T-cell epitopes, which lessens the time and cost required for laboratory analysis of pathogen gene products. Immunoinformatics in drug design includes the approaches of using new herbal drugs to identify lead identification, lead optimization, drug targets, target validation, etc.

The basic premise of the workshop is to provide less, cost effective and easily available plant compounds as a promising drug or drug adjuvant against the various cellular and humoral responses without any side effect. Hence, this workshop is also aimed at imparting theoretical knowledge and practical training in drug design, discovery and safety. Thus, this workshop will provide a platform for the students, faculty and industrialists to share their knowledge and recent advancements in the fascinating field of Immunoinformatics.

## Proposed Invited Speakers from Industries & Institutions

1. Dr. Priya Abraham, Professor, CMC, Vellore
2. Prof. M. Sivanandham, Secretary, SVEHT, Chennai
3. Dr. L.E. Hanna, Scientist 'E', NIRT, Chennai

## COURSE CONTENT & SCHEDULE

The workshop consists of lecture sessions and hands on training sessions with relevance to Epitope, Paratope prediction including Antibody Modeling, Energy minimization, Molecular Docking, Binding Score & site analysis for discovery of novel drugs or adjuvants in both drug and vaccine design. Workshop also includes an exclusive training session on Immunoanalytical software developed in our host institution.

## VENUE

Sri Venkateswara College of Engineering (SVCE), Sriperumbudur Tk.- 602 117, Tamilnadu, India.

## TRANSPORTATION

The participants can avail the SVCE bus facility to attend this programme. For route details, please refer [www.svce.ac.in](http://www.svce.ac.in).

## ACCOMMODATION

Accommodation can be arranged in the nearby hotels on prior notice, for which the participants will have to bear the charges and the participants are advised to send the request on or before 09<sup>th</sup> August, 2018 to ensure the accommodation.

## DATES TO REMEMBER

Last date for e- registration	:	31.07.2018
Intimation of selection	:	01.08.2018
Last date for registration with DD	:	07.08.2018

# National Workshop on “Immunoinformatics for drug and vaccine design”

24<sup>th</sup> and 25<sup>th</sup> August, 2018

Department of Biotechnology

Sri Venkateswara College of Engineering, Sriperumbudur.

*Venue: Function Hall*

## Program Schedule

DATE: 24-08-18 (Day 1)	
TIME	EVENTS
08.00 AM- 08.50 AM	Registration
08.50 AM – 09.00 AM	Prayer Song
09.00 AM – 09.05 AM	Welcome Address by Prof. E.Nakkeeran, Ph.D Professor & Head, Department of Biotechnology Sri Venkateswara College of Engineering
09.05 AM – 09.10 AM	Patron’s Address by Prof. S.Ganesh Vaidyanathan, Ph.D Principal Sri Venkateswara College of Engineering
09.10 AM – 09.40 AM	Chief Parton’s Address by Prof. M. Sivanandham, Ph. D Secretary & Visiting Professor of Biotechnology Sri Venkateswara Educational & Health Trust, Chennai
09.40 AM – 09.42 AM	Inauguration and Release of Workshop Manual by the Chief Guest  Dr. Priya Abraham Professor, Department of Virology Christian Medical College, Vellore
09.42 AM – 09.45 AM	Introducing the Chief Guest
09.45 AM – 10.40 AM	Inaugural address (Lecture Session – I) “Impact of viral vaccines on global health” by Dr. Priya Abraham, MD, Ph.D Professor, Department of Clinical Virology Christian Medical College, Vellore
10.40 AM – 10.55 AM	Tea Break

10.55 AM – 11.50 AM	<p align="center"><b>(Lecture Session – II)</b>  <b>Technical Lecture on “Immunoadjuvants for vaccines”</b>          by  <b>Prof. M. Sivanandham, Ph. D</b>          Secretary &amp; Visiting Professor of Biotechnology          Sri Venkateswara Educational &amp; Health Trust, Chennai</p>	
11.50 AM – 12.45 PM	<p align="center"><b>Lunch break</b></p>	
12.45 PM – 02.00 PM	<p align="center"><b><u>Training Session-I</u></b></p>	
	<p align="center"><b>B-cell and T-cell epitope prediction of viral protein (Batch-A)</b>  <i>Venue: Computational Systems Biotechnology Lab</i></p> <p align="center">Mr. J. Hariharan          Asst. Professor,          Department of Biotechnology,          SVCE, Sriperumbudur-602117</p>	<p align="center"><b>B-cell and T-cell epitope prediction of viral protein (Batch-B)</b>  <i>Venue: Bioinformatics Lab</i></p> <p align="center">Mr. P. K. Praveen Kumar          Asst. Professor,          Department of Biotechnology,          SVCE, Sriperumbudur-602117</p>
02.00 PM – 02.15 PM	<p align="center"><b>Tea break</b></p>	
02.15 PM - 03.15 PM	<p align="center"><b><u>Training Session-II</u></b></p>	
	<p align="center"><b>Epitope Modelling, Mapping and Epitope receptor docking of viral protein (Patch Dock and FireDock) (Batch-A)</b>  <i>Venue: Computational Systems Biotechnology Lab</i></p> <p align="center">Mr. J. Hariharan          Asst. Professor,          Department of Biotechnology,          SVCE, Sriperumbudur-602117</p>	<p align="center"><b>Epitope Modelling, Mapping and Epitope receptor docking of viral protein (Patch Dock and FireDock) (Batch-B)</b>  <i>Venue: Bioinformatics Lab</i></p> <p align="center">Mr. P. K. Praveen Kumar          Asst. Professor,          Department of Biotechnology,          SVCE, Sriperumbudur-602117</p>

DATE: 25-08-18 (Day 2)

TIME	EVENTS	
09.00 AM -10.00 AM	<b><u>Training Session-III</u></b>	
	<table border="1"><tr><td><p><b>Preparation of ligand &amp; receptor, Checking Lipinski's rule of drugs, Threading for Chikungunya disease (Batch-B)</b> <i>Venue: Computational Systems Biotechnology Lab</i></p><p>Mr. D. Suresh Kumar Asst.Professor, Department of Biotechnology, SVCE,Sriperumbudur-602117</p></td><td><p><b>Preparation of ligand &amp; receptor, Checking Lipinski's rule of drugs, Threading for Chikungunya disease (Batch-A)</b> <i>Venue: Bioinformatics Lab</i></p><p>Mr. P.K.Praveen Kumar Asst.Professor, Department of Biotechnology, SVCE,Sriperumbudur-602117</p></td></tr></table>	<p><b>Preparation of ligand &amp; receptor, Checking Lipinski's rule of drugs, Threading for Chikungunya disease (Batch-B)</b> <i>Venue: Computational Systems Biotechnology Lab</i></p> <p>Mr. D. Suresh Kumar Asst.Professor, Department of Biotechnology, SVCE,Sriperumbudur-602117</p>
<p><b>Preparation of ligand &amp; receptor, Checking Lipinski's rule of drugs, Threading for Chikungunya disease (Batch-B)</b> <i>Venue: Computational Systems Biotechnology Lab</i></p> <p>Mr. D. Suresh Kumar Asst.Professor, Department of Biotechnology, SVCE,Sriperumbudur-602117</p>	<p><b>Preparation of ligand &amp; receptor, Checking Lipinski's rule of drugs, Threading for Chikungunya disease (Batch-A)</b> <i>Venue: Bioinformatics Lab</i></p> <p>Mr. P.K.Praveen Kumar Asst.Professor, Department of Biotechnology, SVCE,Sriperumbudur-602117</p>	
10.00 AM-10.15 AM	<b>TEA BREAK</b>	
10.15 AM-12.30 PM	<b><u>Training Session -IV</u></b>	
	<table border="1"><tr><td><p><b>Molecular docking (AutoDock), binding site &amp; score analysis of natural compounds with viral protein (Batch-B)</b> <i>Venue: Computational Systems Biotechnology Lab</i></p><p>Ms. V. Sumitha Asso.Professor, Department of Biotechnology, SVCE,Sriperumbudur-602117</p></td><td><p><b>Molecular docking (AutoDock), binding Site &amp; score Analysis of natural compounds with viral protein (Batch-A)</b> <i>Venue: Bioinformatics Lab</i></p><p>Mr. P.K.Praveen Kumar Asst.Professor, Department of Biotechnology, SVCE,Sriperumbudur-602117</p></td></tr></table>	<p><b>Molecular docking (AutoDock), binding site &amp; score analysis of natural compounds with viral protein (Batch-B)</b> <i>Venue: Computational Systems Biotechnology Lab</i></p> <p>Ms. V. Sumitha Asso.Professor, Department of Biotechnology, SVCE,Sriperumbudur-602117</p>
<p><b>Molecular docking (AutoDock), binding site &amp; score analysis of natural compounds with viral protein (Batch-B)</b> <i>Venue: Computational Systems Biotechnology Lab</i></p> <p>Ms. V. Sumitha Asso.Professor, Department of Biotechnology, SVCE,Sriperumbudur-602117</p>	<p><b>Molecular docking (AutoDock), binding Site &amp; score Analysis of natural compounds with viral protein (Batch-A)</b> <i>Venue: Bioinformatics Lab</i></p> <p>Mr. P.K.Praveen Kumar Asst.Professor, Department of Biotechnology, SVCE,Sriperumbudur-602117</p>	
12.30 PM – 01.00 PM	<p><b>Lecture Session-III</b> <b>Technical Lecture on “Biotechnology based startup companies – future prospects”</b> by</p> <p><b>Dr. Balu Ranganathan</b> Technology - Director, Palms Connect LLC, Sandy, Utah, USA</p>	
01.00 PM – 01.45 AM	<b>LUNCH</b>	

01.45 PM – 02.35 PM	<p style="text-align: center;"><b>Lecture Session-IV</b>  <b>Technical Lecture on “Emerging approaches for the prevention and treatment of HIV infection”</b>  by  <b>Dr. Luke Elizabeth Hanna</b>  Scientist ‘E’, HIV/ AIDS Laboratory,  Department of Clinical Research,  National Institute for Research in Tuberculosis, Chennai – 600 031</p>
02.35 pm – 02.55 PM	<p style="text-align: center;"><b>Valedictory address and Certificate distribution for the participants</b></p>
02.55 PM – 03.00 PM	<p style="text-align: center;"><b>Feedback from the participants about the workshop chaired</b>  by  Prof. E. Nakkeeran  Professor &amp; Head  Department of Biotechnology  SVCE, Sriperumbudur-602117</p>
03.00 PM – 03.05 PM	<p style="text-align: center;"><b>Vote of Thanks</b>  by  Mr.P.K.Praveen Kumar  Assistant Professor,  Department of Biotechnology,  SVCE,Sriperumbudur-602117</p>
03.05 PM – 03.10 PM	<p style="text-align: center;"><b>NATIONAL ANTHEM</b></p>

*P. K. Praveen*



Prof. E. NAKKEERAN, M. Tech., Ph.D.  
Professor & Head  
Department of Biotechnology  
Sri Venkateswara College of Engineering  
Sriperumbudur Tl: - 602 117, Tamil Nadu, INDIA

**DEPARTMENT OF BIOTECHNOLOGY**  
**National workshop on**  
**"Immunoinformatics for Drug and Vaccine Design"**  
**24<sup>th</sup> and 25<sup>th</sup> August' 2018**  
**ATTENDANCE SHEET**

S.No.	Name	Institution	24.08.2018 FN	24.08.2018 AN	25.08.2018 FN	25.08.2018 AN
1	NARAYANAN. M. A	Jeppiaar Engineering College	M.A. Narayan	M.A. Narayan	M.A. Narayan	M.A. Narayan
2	DELLI KARTHIKEYAN. R	Jeppiaar Engineering College	R. Delhi	R. Delhi	R. Delhi	R. Delhi
3	HEMA RAJESHWARI. K	Jeppiaar Engineering College	K. Hema Rajeshwar	K. Hema Rajeshwar	K. Hema Rajeshwar	K. Hema Rajeshwar
4	PRAVEEN RAJ. S	Jeppiaar Engineering College	S. Praveen	S. Praveen	S. Praveen	S. Praveen
5	DEVI NIVEDITHA. R	Jeppiaar Engineering College	R. Niveditha	R. Niveditha	R. Niveditha	R. Niveditha
6	VAYUNANDANA RAO. G	RVR & JC College of Engineering	G. Vayunandana Rao	G. Vayunandana Rao	G. Vayunandana Rao	G. Vayunandana Rao
7	M. HESWARAN. B	Arulmigu Meenakshi Amman College of Engineering	B. M. Heswaran	B. M. Heswaran	B. M. Heswaran	B. M. Heswaran
8	NAVANEETHAN. R	Arulmigu Meenakshi Amman College of Engineering	R. Navaneethan	R. Navaneethan	R. Navaneethan	R. Navaneethan
9	DINESH KUMAR. S	Arulmigu Meenakshi Amman College of Engineering	S. Dinesh Kumar	S. Dinesh Kumar	S. Dinesh Kumar	S. Dinesh Kumar
10	SNEHA LATHA. R	Arulmigu Meenakshi Amman College of Engineering	R. Sneha Latha	R. Sneha Latha	R. Sneha Latha	R. Sneha Latha
11	NIVEDHA. R	Arulmigu Meenakshi Amman College of Engineering	R. Nivedha	R. Nivedha	R. Nivedha	R. Nivedha

12	KISHORE VARMA. N	Arulmigu Meenakshi Amman College of Engineering	N. Kishu	N. Kishu	N. Kishu	N. Kishu
13	KRISHNAMOORTHY. R	Arulmigu Meenakshi Amman College of Engineering	R.K. MOO	R.K. MOO	R.K. MOO	R.K. MOO
14	ARUN.N	Arulmigu Meenakshi Amman College of Engineering	N. Arul	N. Arul	N. Arul	N. Arul
15	KAVIYA. S	Arulmigu Meenakshi Amman College of Engineering	S. Kaviya	S. Kaviya	S. Kaviya	S. Kaviya
16	ELAVARASI. P	Arunai Engineering College	Eluvsi.P	Eluvsi.P	Eluvsi.P	Eluvsi.P
17	RAMYA SHREE. V	Arunai Engineering College	Ramya.V	Ramya.V	Ramya.V	Ramya.V
18	SINDHU. T	Arunai Engineering College	T.Sindhu	T.Sindhu	T.Sindhu	T.Sindhu
19	VINITHA. V	Arunai Engineering College	Vitha.V	Vitha.V	Vitha.V	Vitha.V
20	PRAGATHI. R. B	SRM Institute of Science and Technology	Pruf	Pruf	Pruf	Pruf
21	BHARATH SUBRAMANYAM. A	Shri Andal Alagar College of Engineering	<del>Pruf</del>	<del>Pruf</del>	<del>Pruf</del>	<del>Pruf</del>
22	MALARVIZHI. A	Sree Sastha Institute of Engineering and Technology	A. Malar	A. Malar	A. Malar	A. Malar
23	Dr. S. MOORTHY	GM Institute of Technology, PAVANGERE, KARNATAKA	Dr. S. Moorthy	Dr. S. Moorthy	Dr. S. Moorthy	Dr. S. Moorthy
24	JEBA SEELAN. S	Sree Sastha Institute of Engineering and Technology	Jeba Seelan S	Jeba Seelan S	Jeba Seelan S	Jeba Seelan S
25	THARRUN DANIEL PAUL. L	Dr. MGR Educational & Research Institute	Tharrun Daniel Paul	Tharrun Daniel Paul	Tharrun Daniel Paul	Tharrun Daniel Paul



		University				
26	ROSHAN KUMAR SAH	Dr. MGR Educational & Research Institute University	<del>Roshan</del>	<del>Roshan</del>	<del>Roshan</del>	<del>Roshan</del>
27	PRUTHIV RAJAN K	Dr. MGR Educational & Research Institute University	<del>Pruthiv</del>	<del>Pruthiv</del>	<del>Pruthiv</del>	<del>Pruthiv</del>
28	NANDHA KUMAR S	Sree Sastha Institute of Engineering and Technology	<del>Sandha</del>	<del>Sandha</del>	<del>Sandha</del>	<del>Sandha</del>
29	GOKUL S	Rajalakshmi Engineering College	<del>Gokul</del>	<del>Gokul</del>	<del>Gokul</del>	<del>Gokul</del>
30	G. Adaikalaselvan	Researchist	G. A	G. A	G. A	G. A
31	V.Senthamizhan	Anna University	<del>V. Senthamizhan</del>	<del>V. Senthamizhan</del>	<del>V. Senthamizhan</del>	<del>V. Senthamizhan</del>
32	Divya Sharma . K	Sree Sastha Institute of Engineering and technology	<del>Divya</del>	<del>Divya</del>	<del>Divya</del>	<del>Divya</del>
33	Roshini. J	Sree Sastha Institute of Engineering and technology	J. Roshini	J. Roshini	J. Roshini	J. Roshini
34	Gitanjali Bhari Bharti	Sree Sastha Institute of Engineering and technology	J. Gitanjali	J. Gitanjali	J. Gitanjali	J. Gitanjali
35	B. Kiranmathyi	Arunai Engineering College, TVM	<del>B. Kiranmathyi</del>	<del>B. Kiranmathyi</del>	<del>B. Kiranmathyi</del>	<del>B. Kiranmathyi</del>
36	S. Anupriya	Arunai Engineering College, TVM	S. Anupriya	S. Anupriya	S. Anupriya	S. Anupriya
37	N. Elakkiya	Arunai Engineering College, TVM	Elakkiya N	Elakkiya N	Elakkiya N	Elakkiya N

38. KARPAGAPRIYA M

Arulmigu meenakshi  
Amman college of  
Engg

~~Karpaga Priya~~ Karpaga Priya Karpaga Priya Karpaga Priya

39. REENA RANA MAGAR S

Arulmigu meenakshi  
Amman college of  
Engineering

~~Reena Rana~~ Reena Rana Reena Rana Reena Rana

**National Workshop on "Immunoinformatics for drug and vaccine design"**  
**24<sup>th</sup> August 2018**

S. No.	Uni.Reg.No	Student Name	Signature
1	160201001	ADITH B	Adith
2	160201002	ADITH KRISHNAN R	AB
3	160201003	AJAY J	AB
4	160201004	AKASH K	K. Akash
5	160201005	AKSHATHA G	Akshatha
6	160201006	ANANTA KUMAAR V	Ananta
7	160201007	ANUSHA K	Anusha
8	160201008	ASWANTH HARISH	Aswanth Harish
9	160201009	BHARATHI V	V. Bharathi
10	160201010	DEEPAK K	K. Deepak
11	160201011	DIVYA C	AB
12	160201012	EMAYAPPAVAI T	T. Emayappavai
13	160201013	BHAVITHAVYA	AB
14	160201014	HAMSAVARSHINI R	R. Hamsavarshini
15	160201015	HARIKRISHNAN B	B. Hari Krishnan
16	160201016	INDIRA	Indira
17	160201018	KALYANI V	Kalyani
18	160201019	KRITI GUPTA	Kriti Gupta
19	160201021	MADHURARANJANI	Madhuraranjani
20	160201022	MAHESWARI M	M. Maheswari
21	160201023	MANJU SRI M	M. Manju Sri
22	160201024	MATHUMITHRA P	Mathu
23	160201025	NAVEEN J	—
24	160201026	NIRMAL E	AB
25	160201028	PARVATHI M	Parvathi
26	160201029	PAVITHRA H S	H. Pavithra
27	160201030	POOJA G	AB
28	160201031	PRASHANTH B	AB
29	160201032	PRAVEEN KUMAR T	T. Praveen Kumar
30	160201033	PRAVEEN R	Praveen R
31	160201034	PRIYADHARSHINI R	Priya
32	160201036	RAJESHWARI K	Rajeshwari
33	160201037	RANJITH K	R. Ranjith
34	160201038	RAVISHANKAR G	Ravishankar
35	160201039	RAZIYA SULTHANA	Raziya
36	160201040	RISHA V	Risha
37	160201042	SANJAY K.V	Sanjay K.V
38	160201043	SANTHOSH S	Santhosh
39	160201044	SARAVANAKUMAR	Saravanan Kumar
40	160201045	SHARAN R	Sharan
41	160201046	SHARVESAA C R	—
42	160201047	SIVAGAMI N	N. Sivagami
43	160201048	SUDEEPTHI N	Sudheepthi

44	160201049	SUDHARSHAN S	Sudharshan
45	160201050	SUHITHA MUPPALA	Suhitha
46	160201051	SUKANTHAN R	Sukanthan R.
47	160201052	SUSINDARAN N	N S.
48	160201053	SUVANSHI A	Suvas
49	160201055	TIMOTHY VICTOR T	Victor T.
50	160201056	UMAYAVAL S	U. S.
51	160201057	VALLE N	Val
52	160201058	VARSHINI	Varsh
53	160201059	VIDHI AGARWAL M	Vidhi
54	160201060	VIDHYA SHREE R	Vidhya
55	160201061	VIMALA K	Vimala K.
56	160201062	VISALATCHI S	AB
57	160201063	YASHINI K	AB.

DEPARTMENT OF BIOTECHNOLOGY  
National workshop on  
"Immunoinformatics for Drug and Vaccine Design"  
25<sup>th</sup> August' 2018

S.No.	Name	Year	Signature
1)	R. Rajesh	II <sup>nd</sup> yr	R. Rajesh
2)	V. Ajay	II <sup>nd</sup> yr	V. Ajay
3)	Sanjay. P.	II	S. Sanjay
4)	M. SANYUKTHAA	II <sup>nd</sup> Year	M. Sanyuktha
5)	B. SASIREKA	II <sup>nd</sup> yr	B. Sasireka
6)	J. Nandhana	II <sup>nd</sup> yr	J. Nandhana
7)	H. Lipka	II <sup>nd</sup> yr	H. Lipka
8)	U Anithi	IV <sup>th</sup> yr	U. Anithi
9)	R. Bavadharami	IV <sup>th</sup> yr	R. Bavadharami
10)	S. Niviyah	IV <sup>th</sup> yr	S. Niviyah
11)	S. Subasree	IV <sup>th</sup> yr	S. Subasree
12)			
13)			
14)			
15)			
16)			
17)			
18)			
19)			
20)			

*R.R. Borean*



Prof. E. NAKKEERAN, M. Tech., Ph.D.  
Professor & Head  
Department of Biotechnology  
Sri Venkateswara College of Engineering  
Sriperumbudur Tl: - 602 117, Tamilnadu, INDIA

**SRI VENKATESWARA COLLEGE OF ENGINEERING**

**DEPARTMENT OF BIOTECHNOLOGY**

**Workshop report on “Immunoinformatics for drug and vaccine design”**

**24<sup>th</sup> & 25<sup>th</sup> August, 2018**

The registration of workshop on Immunoinformatics for drug and vaccine design was completed at 9.30 AM on 24/08/18. The workshop majorly, focused on Immunoinformatics which is an important emerging field which acts as an intersection between experimental immunology and computational approaches. Immunoinformatics research in the field of vaccine and drug development has bloomed, particularly over the last decade as more and more intrinsic knowledge of diseases and the immune mechanisms involved are being uncovered. Workshop also includes an exclusive training session on Immunoanalytical software developed in our host institution. Dr. Priya Abraham, Professor, Christian Medical College, Vellore has inaugurated as chief guest and presented guest lecture on “Impact of viral vaccines on global health”. Prof. Second guest lecture on “Immunoadjuvants for vaccines” was presented by Prof. M. Sivanandham, Secretary (SVEHT) on the same day.

On both the days, hands on experience were provided on vaccine design for Chikungunya, a widespread infectious disease with unpredictable reemerging disease outbreaks using Reverse vaccinology approach. In this workshop, hands on training sessions on Epitope, Paratope prediction including Antibody Modeling, Energy minimization, Molecular Docking, Binding Score & site analysis for discovery of novel drugs or adjuvants in both drug and vaccine design by Mr. P.K.Praveen Kumar, Assistant Professor & Organizing Secretary of the workshop, Ms. V. Sumitha, Associate Professor and Mr. J. Hariharan, Assistant Professor. Workshop also includes an exclusive training session on Immunoanalytical software developed in our host institution.

On the last day of the workshop (25.08.18), third guest lecture was provided by “Biotechnology based startup companies- future prospects” by Dr. Balu Ranganthan, Technology-Director, Palms Connect LLC, Sandy, Utah, USA. Fourth guest lecture on “Emerging approaches for the prevention and treatment of HIV infection” was provided by Dr. Luke Elizabeth Hanna , Scientist ‘E’, NIRT, Chennai. Feedback from the participants about the workshop was chaired by Prof. E. Nakkeeran, Professor & Head, Department of Biotech, SVCE. Finally the workshop ended with vote of thanks from Organizing Secretary, Mr. P.K.Praveen Kumar.

With regards,

*P.K. Praveen*

**Organizing Secretary of the Workshop**

  
Prof. E. NAKKEERAN, M. Tech., Ph.D.  
Professor & Head  
Department of Biotechnology  
Sri Venkateswara College of Engineering  
Sriperumbudur T:- 602 117, Tamilnadu, INDIA



# SRI VENKATESWARA COLLEGE OF ENGINEERING

(AN AUTONOMOUS INSTITUTION)

PENNALUR, SRIPERUMBUDUR TK. - 602 117

## DEPARTMENT OF BIOTECHNOLOGY

NATIONAL WORKSHOP ON "IMMUNOINFORMATICS FOR  
DRUG AND VACCINE DESIGN"

### CERTIFICATE OF PARTICIPATION

This is to certify that Prof. / Dr. / Mr. / Ms. .... SUHITHA MUPPALA .....

of SRI VENKATESWARA COLLEGE OF ENGINEERING has actively participated in  
National workshop on "Immunoinformatics for Drug and Vaccine Design" organized by  
Department of Biotechnology, Sri Venkateswara College Of Engineering held during  
24<sup>th</sup> & 25<sup>th</sup> of August 2018.

P.K. Praveen

Organizing Secretary

Mr. P.K. Praveen Kumar

[Signature]

Head of Department

Prof. E. Nakkeeran

[Signature]

Principal

Prof. S. Ganesh Vaidyanathan



**National Workshop on  
"Immunoinformatics for drug and vaccine design"**

24<sup>th</sup> & 25<sup>th</sup> August, 2018

**Organized by  
Department of Biotechnology  
Sri Venkateswara College of Engineering (Autonomous)**

**PARTICIPANTS FEEDBACK**  
Rating-5(Highest) 1(Lowest)

S.No	Aspect of Programme	5	4	3	2	1
1.	Lecture Content	✓				
2.	Knowledge on the topics	✓				
3.	Thoroughness of coverage		✓			
4.	Coverage of topics		✓			
5.	Logistics arrangements	✓				
6.	Hands on training session	✓				
7.	Overall assessment of the Programme	✓				

8. Indicate the highlight(s) of the Programme

Hands on experiment training

9. Any specific aspect that needs particular attention and improvement? Please be frank

10. Contacts (Mobile No/ E.mail ID) 9047085201 (nivedha rej 2@g.mail.com)

11. Would you like to come back for another programme in this college?

Yes.

13. Specific comments, if any

we are very happy for get handson training  
in your campus. we need more workshop related in  
different topics

*[Signature]*  
Signature of the Participant





