

**DEPARTMENT OF BIOINFORMATICS  
NIRMALA COLLEGE FOR WOMEN  
COIMBATORE  
DEPARTMENT ACTIVITIES 2018-19**

**1. Department Activities**

<b>S. No</b>	<b>Nature of event</b>	<b>Title</b>	<b>Date</b>	<b>Participants</b>
1	Hands on Training	PERL and Python Programming for Bioinformatics Applications	12.11.18 to 23.11.18	8 students from Sri Krishna Arts and Science College, Coimbatore
2	Industrial Visit	Visit to Indian Institute of Science, Bangalore	04.01.19	I and II M.Sc Bioinformatics students, Nirmala College for women

**2. Pass Percentage**

- a. PG: 2016-18 Batch – 100%

**3. MoU's signed**

- a. MoU signed with ISDC (International Skill Development Corporation) on 3<sup>rd</sup> January, 2019

**4. Workshops, Seminars, Symposiums, Conference Organized**

<b>S.No</b>	<b>Date</b>	<b>Title of event</b>	<b>Type of Event</b>	<b>Sponsored by</b>	<b>Amount Sanctioned (Rs)</b>
1	24 <sup>th</sup> and 25 <sup>th</sup> January, 2019	Futuristic Intricate Stratagems in Computational Genomics	National level Conference	DBT, New Delhi	1,00,000/-

**5. Grants from UGC and funds from various agencies received**

- a. DBT, Govt of India, New Delhi has sanctioned a sum of Rs. 1,00,000/- for conducting a National level Conference held on 24<sup>th</sup> and 25<sup>th</sup> January, 2019

**6. Number and details of students receiving various scholarship**

- a. Ms. Anjalini Preethy P, II M.Sc Bioinformatics has received the Tamil Nadu State Govt Scholarship for SC/ST Students

**7. Village Adoption Activity**

- a. The Students and Ms. P.J. Buvaneshwari along with the Department of Botany has visited the adopted village Kangeyampalayam on 11<sup>th</sup> August, 2018 and gave training on Mushroom cultivation and preparation of herbal facepack and hair oil.

## STUDENTS' DETAILS

### 8. Students' special achievements

- a. Ms. Shabiha Nasrin N, I M.Sc Bioinformatics has received Third prize in the English essay writing Competition in Unifest 2018
- b. Ms. Mariet George and Ms. Jisna. N have received Second prize in Flameless Cooking Competition in Unifest 2018

### 9. Programmes attended

- II M.Sc., Bioinformatics students attended a Lecture Workshop on "Recent Scenario in Biotechnology" Organized by the Department of Biotechnology, Sri Krishna Arts and Science College on 26<sup>th</sup> June, 2018 and 27<sup>th</sup> June, 2018

### 10. Students' Project

Ms. P. Dhivya of II M.Sc Bioinformatics, received an amount of Rs. 7,500/- under the students' project scheme from TNSCST for a project entitled "TFdb - A Database for Transcription Factors involved in Human Diseases" (Dec 2017-April 2018)

## FACULTY DETAILS

### 11. Regional, State, National, International Conferences, Workshops, Symposiums or Seminars attended

- a. Ms. P. J. Buvaneshwari, has attended the two days Lecture Workshop on "Recent Scenario in Biotechnology" Organized by the Department of Biotechnology, Sri Krishna Arts and Science College on 26<sup>th</sup> June, 2018 and 27<sup>th</sup> June, 2018
- b. Dr. S. Sivashankari and Ms. P.J. Buvaneshwari have attended the Workshop on "Outcome Based Education" organized by IQAC, Nirmala College for women on 13<sup>th</sup> October, 2018
- c. Dr. S. Sivashankari has attended the State level Workshop on "Public Financial Management System with special reference to EAT modules" on 7<sup>th</sup> and 8<sup>th</sup> August, 2018
- d. Dr. S. Sivashankari has attended the Two days Workshop on "Outcome Based Education" on 22<sup>nd</sup> and 23<sup>rd</sup> June, 2018 organized by IQAC, Nirmala College for Women

### 12. Papers presented and Published

#### a. Papers Presented

- i. Antonit Jeniffer S and S Sivashankari, "Anti-atherosclerotic activity of 7,3',4' Trimethoxy Quercetin from Solanum incanum – A molecular Docking approach" in Nirmala Annual Research Congress '18 on 4<sup>th</sup> Dec, 2018.
- ii. Sandy Elizabeth and S Sivashankari, " *In silico* uncovering of antigenic determinants in Ebola Virus", National Seminar on

“Advances in Biological Sciences Research” conducted by the Department of Zoology on 19<sup>th</sup> and 20<sup>th</sup> September, 2019

**b. Papers Published**

- i. K. Anbarasi, VG Vasudha and S. Sivashankari, Inhibitive and kinetic properties of eco friendly corrosion inhibitor (*Cucurbita maxima* peel) for mild steel in acid medium, International Journal of Chemical Sciences, Vol 2(5), September 2018
- ii. P.J. Buvaneshwari, M Arockiyajainmary, Muthupriya P and S. Sivashankari, In silico analysis of Single Nucleotide Polymorphism (SNP) and structural analysis of proteins involved in Vitiligo, Wide spectrum Research Journal 6(8), 2018

**13. Academic Contributions outside the college/ Department**

S. No	Name of the Faculty	Date	Nature of activity	Title	Institution
1	Dr. S. Sivashankari	11.08.18	Guest lecture	Computational Biology	RVS College of Arts and Science, Coimbatore
2	Dr. S. Sivashankari	24.09.18	Hands-on training in	“Basics of Bioinformatics”	Department of Zoology, Nirmala College for women
3	Dr. S. Sivashankari	13.10.18	Guest lecture	Apps for Biology- Interdisciplinary Project Ideas	PSGR Krishnammal College for Women, Coimbatore
4	Dr. S. Sivashankari	29.10.18	Guest Lecture	Gene Prediction	Department of Botany, Nirmala College for Women, Coimbatore
5	Dr. S. Sivashankari	24.11.18	Guest Lecture	Bioinformatics – Methods and Applications	Anna University regional Campus, Coimbatore
6	Dr. S. Sivashankari	14.12.18	Faculty Development Program	Statistical Applications using SPSS	Department of Botany, Nirmala College for Women