

'BIOINFORMATICS: Tools and Techniques'

Two-day workshop (25/08/2022 and 26/08/2022)



A two-day workshop on 'BIOINFORMATICS Tools and Techniques' was conducted on 25/08/2022 and 26/08/2022 by Department of Biotechnology, St. Josephs College (Autonomous) Irinjalakuda with **Dr. Showmy Reshin** the academic director Omni bus School Kodungallur, Thrissur as the Resource person and **Dr. Aparna M. B** being the organizing secretary. The programme started with a prayer and was inaugurated by **Sr. Blessy**, vice principal of St. Josephs College, (Autonomous), Irinjalakuda. **Dr Sr. Floweret** felicitated the function by, Vice Principal and Vote of Thanks by **Dr. Kavitha. O.** Various value added products under the brand name 'Wild-Bi' made by MSc. Biotechnology students were launched by our Vice principal in this occasion. Department faculty **Ms. Dafini Mendez, Ms. Sreya K J, Mr.Rajagopal Muralidharan, Dr. Nimisha Vijayan, and Ms. Haritha Udaykumar** also underwent hands-on training along with the students.

The workshop started with a lecture by Dr. Showmy giving a brief introduction about the field of Bioinformatics. The session also clarified the difference between bioinformatics and computational biology. Bioinformatics means retrieving, analysing and storing biological or chemical data with the help of computational tools. The seminar mainly focused on the topics database and its categories, primary and secondary databases. The afternoon session was held in the computer lab in the Annex Block, St Joseph's college, Irinjalakuda. A practical knowledge on how to retrieve FASTA of an organism from NCBI was given to the students. Several examples were done for properly understanding the retrieving steps. On the second day, the software applications such as CLUSTAL W, RASMOL and primer blast were introduced to the students. A practical illustration of the Primer designing of BrCa1 gene, which causes breast cancer in human, was also showed to us. The two day workshop on Bioinformatics was a wonderful experience for all of the students. The two day workshop on Bioinformatics turned out to be a good opportunity to learn the most fundamental aspects of computational biology – both in theory and in practice.



ST. JOSEPH'S COLLEGE (AUTONOMOUS),
IRINJALAKUDA

DEPARTMENT OF BIOTECHNOLOGY

Organizes

Two day workshop on

BIOINFORMATICS

Tools & techniques



25th & 26th August 2022
10 am



Research block

Resource person:



Dr. Showmy Reshin
Academic Director, Omnibus School
Kodungallur, Thrissur

REGISTRATION FEE: 750/-

For Queries contact:

Dr. Aparna M. B. (9496239032)



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St. Joseph's College (Autonomous) Irinjalakuda.
Department of Biotechnology

Two Days Workshop on
Bioinformatics: Tools & Techniques

Programme Schedule
25-08-2022

Inaugural Session	: 10.00 am
Prayer	
Welcome Address	
Inauguration	: Sr. Blessy, Vice-Principal
Product release	: (Introducing "Wild-Bi") Sr. Blessy Presenting Wild-Bi to the Resource Person
Felicitation	: Dr. Sr. Rose Bastin, Self-financing Course co-ordinator : Dr. Sr. Floweret, Vice-Principal
Vote of Thanks	: Dr. Kavitha O., Asst. Professor, Department of Biotechnology

Tea Break

Introduction of Resource person

Lecture 10:45 am

Invited Lecture	: Dr. Showmy Reshin Academic Director, Omnibus School, Kodungallur, Thrissur Topic: -" Bioinformatics- Tools & techniques"
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Afternoon Session

Hands-on Training
(Computer Lab II; Annexe)



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DEPARTMENT OF BIOTECHNOLOGY

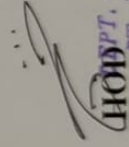
Workshop on "Bioinformatics: Tools & Techniques"



CERTIFICATE

This is to certify that.....**Dafni Mendez**..... has
undergone hands-on training in "Bioinformatics: Tools & Techniques" a two
day workshop organised by Department of Biotechnology,
St. Joseph's College (Autonomous), Irinjalakuda on 25th and 26th August, 2022.


Organizing secretary



HO
PT. OF BIO TECHNOLOGY
ST. JOSEPH'S COLLEGE
IRINJALAKUDA
PRINCIPAL IN-CHARGE
ST. Joseph's College
(Autonomous)
IRINJALAKUDA - 686 131
THIRUVARUR DIST., KERALA



BSc. Biotechnology (1st year)

1. Harishna . TH Harishna
2. Rukzana beevi Rukzana
3. Blessin Tharakam Blessin
4. Haya P.K Haya
5. Habeeba .K.R Habeeba
6. Anamika T.S Anamika
LakshmiPriya.T
7. LakshmiPriya.T
8. Sreelakshmi .G.K. Sreelakshmi
Sreelakshmi
9. P.B. Ardhra P.B. Ardhra
10. Maswa Baslia Maswa
11. Gopika krishna Gopika
12. Amma Shenar Amma
13. Adrisya Anil Adrisya
14. Amrutha varshini .nb Amrutha
15. Niranjana .V. Gopan Niranjana
16. Niranjana .Prasanth Niranjana
17. Abhila Parvin Abhila
18. Sreepriya .V.S Sreepriya
19. Nandana .P.B Nandana

21. Adithya M

Adithya M

22. Krishnapriya M

Krishna

23. Christina Thankachan

Christina

24. Shanita P.A

Shanita
P.A

25. Vinta M.V

Vinta

26. Jeneetta Joby

Jeneetta

27. ASNA

ASNA

ASNA

ASNA

ASNA



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IIIrd DC Biotechnology.

- 1 Sandra Rose - Sandra Rose
- 2 Ashwathy - Ashwathy
- 3 Aishwarya TR - Aishwarya
- 4 Jasmine Babu - Jasmine
- 5 Akena Joseph - Akena Joseph
- 6 Meenakshi Hirald - Meenakshi
- 7 Irene Benny - Irene Benny
- 8 Arga Arun Kumar - Arga Arun Kumar
- 9 Nayla P - Nayla P
- 10 Selby C sam - Selby C sam
- 11 Vismay Biju - Vismay Biju
- 12 Meghna Mohandas - Meghna
- 13 krishnapriya - Krishnapriya
- 14 Thasni P I - Thasni P I
- 15 Anyalakshmi - Anyalakshmi
- 16 Anyaly Jose - Anyaly Jose
- 17 Anyaly Ms - Anyaly Ms
- 18 Varsha MR - Varsha MR
- 19 Aishwarya Thomas - Aishwarya
- 20 Grace Abraham - Grace Abraham
- 21 Falhima KA - Falhima KA
- 22 Nivethitha CU - Nivethitha CU

- 23 Anakha KG - ~~Anakha~~
- 24 Abhisha - ~~Abhisha~~
- 25 Thulasi S - ~~Thulasi~~
- 26 Gayathri PD - ~~Gayathri~~
- 27 Alana sibi - ~~Alana~~
- 28 ~~Meenal KP~~ -
- 29 Smija TS - ~~Smija~~
- 29 Meenakshi podwal - ~~Meenakshi~~
- 30 ~~Athya Krishnan~~ -
- 30 Femmy Francis - ~~Femmy~~
- 31 Aleena Balan - ~~Aleena~~
- 32 Sandhra Laju - ~~Sandra~~
- 33 ~~Archana N mani~~ -
- 33 ~~Christeena Antony~~ - ~~Christeena~~
- 34 ~~Athya Krishnan M~~ - ~~Athya~~
- 35 ~~Nileena K.D~~ - ~~Nileena K.D~~
- 37 Gayathri

1. Mrva. V.B

2. Alena Joy

3. Asha. K

4. Adhila. K.V

5. Aiswarya K.V

6. Nandana Krishna. V.R

7. Sneha. B

8. Anagha. V.A

9) ARDRA PRAVEEN

10) Ajisha Razili

11) AYISHA

12] LAKSHMI NANDANIA

13) Nandana Raghunadhan

14) Diya Siji

15) Samiya RA

16) Anly Rose Antu

17) Angelin maria Jose

18) Anya I.A

19) Sulekha M.S

20) Adila

11th Dec Biotech
ATTENDANCE

- ~~Mrva~~

- ~~Alena Joy~~

- ~~Asha~~

- ~~Adhila~~

- ~~Aiswarya~~

- ~~Nandana~~

- ~~Sneha~~

- ~~Anagha~~

- ~~Aradra~~

- ~~Ajisha~~

- ~~Ayisha~~

- ~~Lakshmi~~

- ~~Nandana~~

- ~~Raghunadhan~~

- ~~Diya~~

- ~~Samiya~~

- ~~Anly~~

- ~~Rose~~

- ~~Antu~~

- ~~Angelin~~

- ~~Maria~~

- ~~Jose~~

- ~~Any~~

- ~~I.A~~

- ~~Sulekha~~

- ~~M.S~~

- ~~Adila~~