

GAYATRI VIDYA PARISHAD COLLEGE FOR DEGREE AND PG COURSES(A)

DEPARTMENT OF MICROBIOLOGY

The Department of Microbiology of Gayatri vidya Parishad college for Degree and PG Courses(A) in association with XCELLOGEN BIOTECH Pvt. Ltd. Thiruvananthapuram, Kerala, has organized National level Faculty Development Programme in an online mode for a period of 3 days from 18th to 20th March, 2024 on Bioinformatics. The details of the event are as follows:

BROCHURE

ABOUT THE INSTITUTION

Gayatri vidya Parishad is an Educational Society established by a group of erudite academicians of Visakhapatnam city in the year 1988 and supported by a number of industrialists and philanthropists of the city.

Gayatri Vidya Parishad started its activities from 28-09-1988. The society is managed by eminent educationists, philanthropists and technocrats. One of the major aims of the Trust is "To promote, establish, maintain and assist in maintaining educational and other institutions with a view to imparting education in all branches in general and advanced technology, management, education, humanities and Science in particular, and thus to facilitate securing gainful employment to the youth of the country".

The founding sagas are a source of inspiration and strength to the institution and their wisdom is reflected in the content and quality of the curriculum for all the courses. All the other members of the Governing Body are eminent academicians, great educationists and social workers who laid strong foundations for the promotion of professional, ethical and human values for this great edifice of academic excellence and continue to guide it to scale new heights over the past three decades.

VISION OF THE INSTITUTION

Creating Human excellence for a better society

MISSION OF THE INSTITUTE

Unfold into a world class organization with strong academic and research base, producing responsible citizens to cater to the challenging needs of the society.



GAYATRI VIDYA PARISHAD COLLEGE FOR DEGREE AND PG COURSES (AUTONOMOUS)
MVP Campus, Visakhapatnam
(Affiliated to Andhra University)

THREE DAYS NATIONAL LEVEL ONLINE FACULTY DEVELOPMENT PROGRAMME ON BIOINFORMATICS

(Hands on Training)
18th to 20th March, 2024
10.00 am to 12.30 pm and 2.30 pm to 5.00 pm

Organized by
**DEPARTMENT OF MICROBIOLOGY
GAYATRI VIDYA PARISHAD
COLLEGE FOR DEGREE AND PG COURSES (AUTONOMOUS)**
MVP Campus, Visakhapatnam
(Affiliated to Andhra University)



In association with
XCELLOGEN BIOTECH Pvt. Ltd.
Thiruvananthapuram, Kerala



RESOURCE PERSON



Dr. ANUROOPA G. NADH
CM-Navakerala Post-Doctoral Fellow
(Kerala University of Digital Sciences, Innovation and Technology)

FDP MODULES

Module1 - **Introduction to bioinformatics**
Concept
Major areas and specialization
Applications & limitations
Major contributions in the field of drug discovery

Module 2 - **Genomics and proteomics**
Genes to proteins
Disease markers
Metabolic pathways
Genetic and biological function modulators

Module3 - **Biological databases**
Overview of major biological databases
Primary and secondary databases
Categories of databases and applications

Module 4 - **Sequence alignment**
Basic concepts of similarity searching and sequence alignments
Local and global alignment
Pairwise and multiple sequence alignments
Sequence alignment applications
Phylogenetic analysis

Module 5 - **Computer Aided drug design (CADD)**
Introduction to CADD
CADD pipeline
Molecular docking
Biological activity prediction

Who can Participate:
Faculty members teaching for UG & PG and Research Scholars.

Certification:
Digitally signed e-certificates will be provided to the participants who will attend all the sessions and after the submission of feedback form. The participant should provide his or her correct full name, proper designation, name & Address of his institute, etc to avoid mistakes in the e-certificate.

ORGANIZING COMMITTEE

Chief Patrons:
Prof. P. Srinivasa Rao
President, Gayatri Vidya Parishad
Sri. D. Dakshina Murthy
Vice President, Gayatri Vidya Parishad
Prof. K. P. R. Sastry
Vice President, Gayatri Vidya Parishad
Prof. P. Soma Raju
Secretary, Gayatri Vidya Parishad
Sri. V. R. K. S. Siva Prasad
Treasurer, Gayatri Vidya Parishad
Prof. P.V. Sarma
Member, Gayatri Vidya Parishad
Prof. V.S.R. Krishna Prasad
Member, Gayatri Vidya Parishad
Dr. B. Subba Rao
Member, Gayatri Vidya Parishad
Prof. P. Raja Ganapati
Member, Gayatri Vidya Parishad
Sri. D.V.S. Kameswara Rao
Member, Gayatri Vidya Parishad

Advisory committee:
Prof. P. Sasibhushana Rao
Former Professor and Director (Academics), Gayatri Vidya Parishad College for Degree and PG Courses (Autonomous)

Patrons:
1. Prof. S. Rajani
Principal, Gayatri Vidya Parishad College for Degree and PG Courses (Autonomous)
2. Dr. A. Anand
Director, UG Courses, MVP Campus, Gayatri Vidya Parishad College for Degree and PG Courses (Autonomous)

Convenor:
Dr. L. Sujatha
Head of the Department, Department of Microbiology Gayatri Vidya Parishad College for Degree and PG Courses (Autonomous)

Organizing Secretary:
Smt. D. Syamala
Assistant Professor, Department of Microbiology

Members:
Dr. Ilahi Shaik **Dr. Hepzibah Rani Singh**
Dr. G. Sravan Kumar **Smt. D.V. Sushma Chandra**

ABOUT FDP:

Faculty Development Programme (FDP) is a tool for fostering knowledge and professional skills of faculty members in order to improve their performance in education, research and administration as well as augmenting organizational capacities and culture. This FDP is specifically designed to discuss, deliberate and come up with the use of Bioinformatics in the present scenario.

OBJECTIVE:

The main aim of this FDP is to provide an opportunity for faculty / Researchscholars experience the Hands-on training and interact with the distinguished speaker to discuss the various topics related to bioinformatics.

REGISTRATION:

The registration process for this programme is online through the below given google form link
https://docs.google.com/forms/d/e/1FAIpQLSd7YwJ0TbPwMaj602Vgceyoz2Ud53dvBKk3FAEYzZEHSWryw/viewform?usp=sf_link

REGISTRATION FEE:

Faculty - INR 1000/-
Research Scholar - INR 900/-



Payment can be done through UPI/Debit Card/ Credit Card/Net Banking details:

Name of the Account:
GVP DEGREE COLLEGE
A/C No : 54025902806, IFSC Code : SBIN0040546
UPI ID : 54025902806@SBIN

Proof of remittance of the requisite registration fee should be uploaded in the google form

Contact Details:
Dr. L. Sujatha, 9912800248
Smt. D. Syamala, 9000257621

INVITATION



INVITATION



Xcellogen Biotech Pvt Ltd
Where science & Technology Meets

**G.V.P.COLLEGE FOR DEGREE AND P.G.COURSES(A)
VISAKHAPATNAM**

DEPARTMENT OF MICROBIOLOGY

In association with

Xcellogen Biotech Pvt Ltd
Thiruvananthapuram, Kerala

Cordially invites you to join the Inauguration of

Three Day Faculty Development Program on Bioinformatics

On 18th March, 2024 at 10.00am

Dr. A. Anand
Director, MVP Campus

Prof. S. Rajani
Principal

LIST OF PARTICIPANTS IN FDP

S.N O	NAME OF THE PARTICIPANTS	DESIGNATION	email id	NAME OF THE INSTITUTION
1	Prachi Bhatia	Research Scholar	prachi.bhatia@gnkhalsa.edu.in	G N Khalsa College
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5	Dr. Khushboo Jain	Assistant Professor	khushboojain.1791@gmail.com	Rajasthan Vidyapeeth (Deemed to be University)
6	Harika Mudumbai	Research Scholar	mharika.rs@andhrauniversity.edu.in	Andhra University
7	Mohammad Shaheda Arfath	Asst Professor	shaheda.arfath930@gmail.com	AQJ Degree and PG College
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17	D.Bhogi	Student	divyabhogi02@gmail.com	Andhra University
18	J.Srikari	Bsc lifesciences 3rd year	srikykr2403@gmail.com	Gayatri Vidya Parishad college for Degree and PG Courses (A)
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20	Salve Amol Pralhadrao	Assistant Professor	psami5880@gmail.com	Doshi Vakil Arts College and G.C.U.B Science & Commerce College Goregaon
21	Prof.G.Sudhakar	Registrar	registrar@aknu.edu.in	Adikavi Nannaya University
22	Vadrevu Sai Sravani shakuntala sri	B.SC.3rd Year life sciences student	saisravani.vadrevu@gmail.com	Gayatri Vidya Parishad College for Degree and PG courses(A)
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27	Praharshitha Aravelli	Student	hharshita680@gmail.com	Gayatri Vidya Parishad college for Degree and PG Courses (A)
28	Aparna Sasapu	Student	aparnasasapu414@gmail.com	Gayatri Vidya Parishad college for degree and pg courses
29	G.Naveena	STUDENT	Gudlanaveena28@gmail.com	Gayatri Vidya Parishad college for degree and pg courses

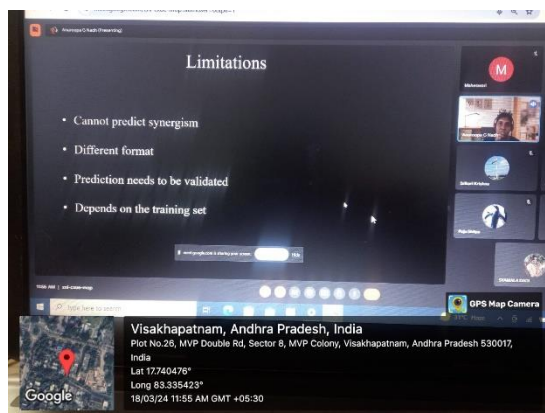
30	S.S.Sai Darahasini	Student	darahasini2003@gmail.com	Gayatri vidya parishad College for ug and pg courses
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33	R.Durga santhi Tejasri	Student	rayanasanthi04@gmail.com	Dr.lankapalli bullayya college
34	Dr. K. Purna Nagasree	Professor	kpurna2104@gmail.com	Raghu college of pharmacy
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39	Dr A Archana	HOD Department of Zoology	kothuriarchana75@gmail.com	Mrs AVN College

DAY 1 (18/3/2024)

The first day of the FDP started at 10am on 18/03/2024 with the inaugural session, where the welcoming of the guests and the participants was done by Dr. D. Syamala, organizing secretary of the FDP. This was followed by brief note about the Department of Microbiology at GVP as well as about the FDP by Dr. L. Sujatha, Convener of FDP. Prof. P. Raja Ganapathi (member, Gayatri Vidya Parishad), and Prof. P. Sasibhushana Rao (former H.O.D of Lifesciences at GVPCDPGC) addressed the participants. Prof. G. Sudhakar, Registrar, Adikavi Nannaya University has graced the occasion and addressed the participants. Dr. Anuj, Director & Dr. Shilpa, Director R&D of XCELLOGEN BIOTECH Pvt. Ltd spoke about their laboratory. The inauguration concluded by vote of thanks proposed by Dr. G. Sravan Kumar, Assistant Professor, Department of Biotechnology, GVPCDPGC (A).

During the second part of the First day post lunch at 2pm, the resource person, Dr. Anuroopa G. Nadh (CM-Navakerala Post-Doctoral Fellow (Kerala University of Digital Sciences, Innovation and Technology) has briefly

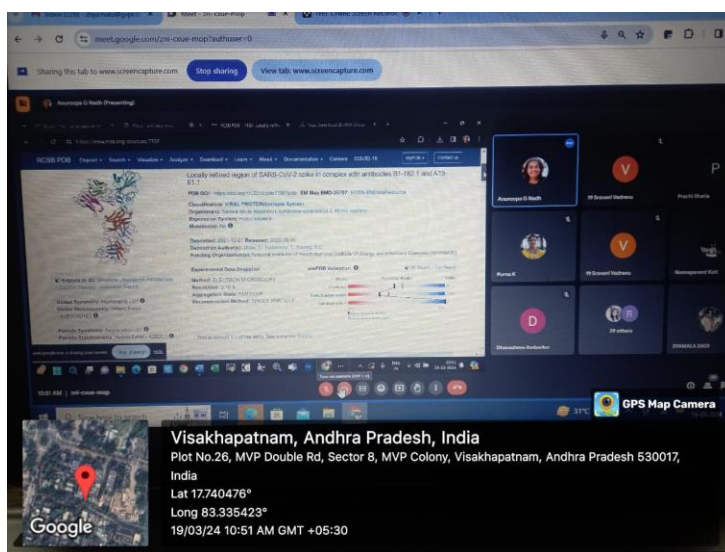
introduced Bioinformatics to the participants by explaining the Introduction, Concept, Major areas, specialization, Applications and also its limitations under Module 1. The session on the first day concluded around 4pm.



**Resource person explaining module 1
to the participants**

DAY 2 (19/3/2024)

On the first part of the second day, around 10am, the resource person explained Genomics and proteomics under Module 2 where the following topics were explained-Genes to proteins, Disease markers, Metabolic pathways, Genetic and biological function modulators. The session concluded at around 12.30pm. Later, the second session on the second day started at 2pm, and here the resource person explained Module 3 that was regarding biological databases- Overview of major biological databases, Primary and secondary databases, Categories of databases and applications. The session concluded at 4pm in the evening.



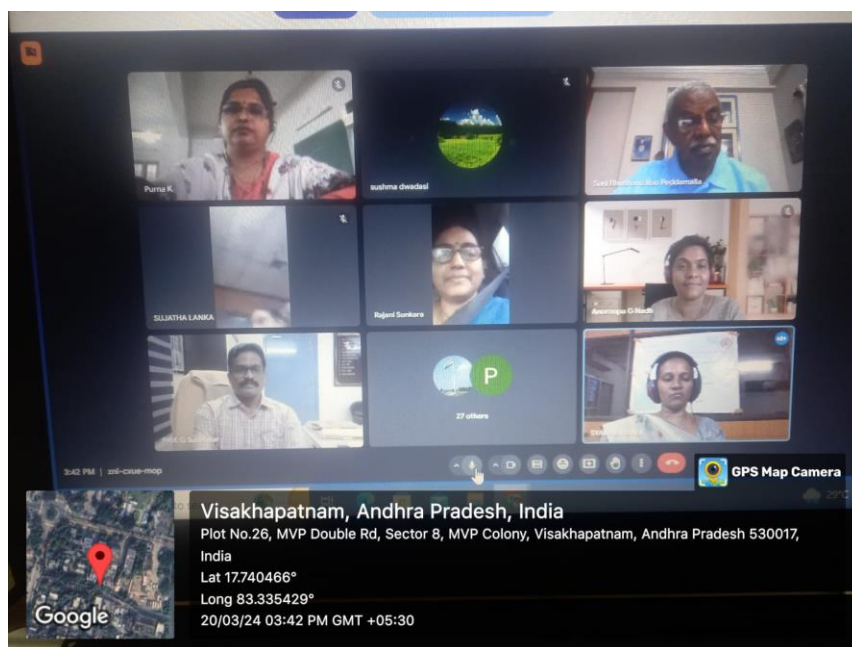
Resource person explaining module 2 and 3 to the participants

DAY 3 (20/3/2024)

During the first part on the final day, at around 10am, the resource person has explained Module 4 - Sequence alignment that included- Basic concepts of similarity searching and sequence alignments- Local and global alignment, Pairwise and multiple sequence alignments, Sequence alignment applications and Phylogenetic analysis. This was followed by Module-5 that included Computer Aided drug design (CADD), Introduction to CADD, CADD pipeline, Molecular docking and biological activity prediction.

The resource person has given a lucid explanation regarding the theory and has also given hands on training on all the modules throughout the FDP.

Valedictory session was held on the final day from 2pm onwards. During the valedictory, all the guests and participants were welcomed by Dr. D. Syamala, organizing secretary of the FDP. A brief report regarding the entire event was delivered by Dr. L. Sujatha, Convener of FDP. Prof. P. Raja Ganapathi (member, Gayatri Vidya Parishad), and Prof. P. Sasibhushana Rao (former H.O.D of Lifesciences at GVPCDPGC) appreciated the participants. Prof. G. Sudhakar, Registrar, Adikavi Nannaya University has graced the occasion and appreciated the resource person for sharing her insightful knowledge on Bioinformatics. Dr. Anuj, Director, XCELLOGEN BIOTECH Pvt. Ltd. addressed the participants. Prof. S. Rajani, Principal, GVPCDPCC congratulated the entire team of FDP for successfully organizing the FDP. The valedictory concluded by vote of thanks proposed by Smt.D. V. Sushma Chandra, Assistant Professor, Department of Biochemistry, GVPCDPGC (A).



Participants during the Valedictory session

SAMPLE COPY OF THE CERTIFICATE



FEED BACK FROM THE PARTICIPANTS

Time stamp	Name of the Participant	email id	Mobile number	1. How relevant was the content of the workshop to your needs or interests?	2. How would you rate the quality of the program?	3. How engaged did you feel during the program?	4. Was the trainer explanation was clear and easy to understand ?	5. Did the trainer effectively communicate the workshop content?	6. How did you first hear about the Faculty Development Program?	7. Would you be Interested in learning more through such Programs?	8. Would you prefer attending these sessions in Online mode or Offline mode?	9.Are there any specific aspects of the workshop you feel could be improved? If yes, please mention it in the space below
3/23/2024 13:39	Potnuru Neelima	potnuruneelima2003@gmail.com	9E+09	Very relevant	Excellent	Very engaged	Agree	Yes	Referral from college	Yes	Online	Good lecture
3/23/2024 13:39	Vaishnavi Vetala	vaishnavital@gmail.com	8.66E+09	Very relevant	Excellent	Very engaged	Agree	Yes	Social media	Yes	Online	No
3/23/2024 13:42	Navyaseera	Navyaseera49@gmail.com	9.7E+09	Very relevant	Excellent	Very engaged	Agree	Yes	Referral from college	Yes	Offline	The workshop is very helpful in enhancing bioinformatics course
3/23/2024 13:42	Rayana Durga Santhi tejasri	rayanatejasri@gmail.com	8.52E+10	Very relevant	Good	Very engaged	Agree	Yes	Referral from college	Yes	Online	NA
3/23/2024 13:43	Praharsitha Aravelli	hharshita680@gmail.com	9.54E+09	Very relevant	Excellent	Very engaged	Agree	Yes	Referral from college	Yes	Online	The learners will stuck, not understand and have questions. So you have to create a space where they can find answers. That's it thank you...

3/23/2024 13:47	P.M.C Ravi Varma	poosapatira vivarma45 @gmail.co m	9.35E+09	Very relevant	Excellent	Very engaged	Agree	Yes	Referral from college	Yes	Offline	Everything is good
3/23/2024 14:02	YALL AMILL I HARIK A SUPRI YANK A	yallamilliha rika@gmail .com	9.96E+09	Very relevant	Excellent	Very engaged	Agree	Yes	Referral from college	Yes	Offline	No
3/23/2024 14:09	Salve Amol Pralhad rao	psami5880 @gmail.co m	7.74E+09	Very relevant	Excellent	Very engaged	Agree	Yes	Referral from college	Yes	Offline	Kindly upload the video session
3/23/2024 14:36	Harika Mudum bai	mharika.rs @andhraun iversity.edu .in	9.5E+09	Very relevant	Excellent	Very engaged	Agree	Yes	Referral from college	Yes	Online	The mode of exercise was good but it could have been better if the whole concept is explained before hand. Because most of the people doesn't have a background from bioinformatics, it would be a bit difficult.
3/23/2024 14:38	Aparna Sasapu	aparnasasap u414@gma il.com	6.31E+09	Very relevant	Good	Very engaged	Agree	Yes	Referral from college	Yes	Offline	No
3/23/2024 14:43	Moham mad Shahed a Arfath	shaheda.arf ath930@g mail.com	9.44E+09	Very relevant	Excellent	Very engaged	Agree	Yes	Referral from college	Yes	Online	If the exercises are shared before a day the session starts,it would have been much better

3/23/ 2024 15:1 1	JOGA SRIKA RI	srikykr2403 @gmail.co m	9.39E+ 09	Very relevant	Excellent	Very engaged	Agree	Yes	Referral from college	Yes	Online	No
3/23/ 2024 15:1 8	Lolugu pavani	lolugupava ni7@gmail. com	lolugu pavani 7@gm ail.com	Very relevant	Excellent	Very engaged	Agree	Yes	Online	Yes	Offline	Good lecture
3/23/ 2024 15:5 0	Eda.san aan	Sanayemm anieleda@g mail.com	9.65E+ 09	Some what relevant	Excellent	Very engaged	Agree	Yes	Referral from college	Yes	Offline	Yes , session was wonderfull and i learned alot ,thank you so much,was really happy that even with having some experience in design and communication, I learned a lot from the workshop! but If people feel more comfortable and have shared a laugh together, they are going to be in the right mindset to be creative and collaborative. This particular one input it and it is helpful for work shop outcomes.
3/23/ 2024 16:3 1	Tangeti chandri ka	chandrikan agulapalli1 5@gmail.c om	6.31E+ 09	Very relevant	Excellent	Very engaged	Agree	Yes	Referral from college	Yes	Online	No
3/23/ 2024 16:5 2	Rakesh Giduth uri	rakeshgidut huri2@gma il.com	8.33E+ 09	Some what relevant	Good	Very engaged	Agree	Yes	Referral from college	Yes	Offline	

3/23/2024 17:16	Dr. K. Purna Nagasree	kpurna2104@gmail.com	9.4E+09	Very relevant	Good	Very engaged	Agree	Yes	Social media	Yes	Offline	1. This kind of workshops work well when it is offline 2. The trainer should have given case study and solved it using bioinformatics n CADD tools on third day
3/23/2024 17:27	Ms. Dhanashree Amberkar	dhanashree.amberkar@gnkhalsa.edu.in	8.65E+09	Some what relevant	Good	Somewhat engaged	Agree	Yes	Referral from college	Yes	Offline	Overall it was good but it would have been better if more aspects would have got covered in broader range/relation. And i personally felt the last day was a bit rushed through.
3/23/2024 17:55	Prachi Bhatia	prachi.bhatia@gnkhalsa.edu.in	9.77E+09	Some what relevant	Excellent	Very engaged	Agree	Yes	Online	Yes	Online	no
3/23/2024 20:30	Sadi.prasanna	sadiprasanna@gmail.com	8.19E+09	Very relevant	Excellent	Very engaged	Agree	Yes	Referral from college	Yes	Offline	No
3/24/2024 7:33	R Bhargavi	bhargavir7225@gmail.com	8.52E+09	Some what relevant	Good	Very engaged	Agree	Yes	Referral from college	Yes	Offline	Yes
3/24/2024 10:14	Prof.G. Sudhakar	registrar@aknu.edu.in	9.44E+09	Very relevant	Excellent	Very engaged	Agree	Yes	Referral from college	Yes	Online	NO
3/24/2024 20:07	Glory Hannah .J	gloryjhannah@gmail.com	9.7E+09	Very relevant	Excellent	Very engaged	Agree	Yes	Referral from college	Yes	Online	It has been a knowledgeable experience

3/24/ 2024 22:0 7	Dr.A.A rchana	archana@ vncollege.a c.in	9.68E+ 09	Very relevant	Excellent	Very engaged	Agree	Yes	Referral from college	Yes	Online	Offline mode is good but it would be better if hybrid mode is organised, sometimes we may be able to attend
3/24/ 2024 22:0 9	Mahes wari Kasara pu	maheswarik asarapu16 @gmail.co m	7.01E+ 09	Very relevant	Good	Very engaged	Agree	Yes	Referral from college	Yes	Offline	None. It was an informative session.
3/24/ 2024 22:1 3	NAVE ENA GUDL A	Gudlanavee na28@gmai l.com	9.57E+ 09	Very relevant	Good	Neutral	Agree	Yes	Referral from college	Yes	Offline	No
3/24/ 2024 22:2 5	Lasya Urmila k	lasya21200 4@gmail.c om	7.79E+ 09	Some what relevant	Excellent	Neutral	Agree	Yes	Referral from college	Yes	Offline	It was great but would be much better in offline mode
3/24/ 2024 23:2 7	Vadrev u Sai sravani shakunt ala sri	saisravani.v adrevu@g mail.com	7.4E+0 9	Very relevant	Excellent	Very engaged	Agree	Yes	Referral from college	Yes	Online	No
3/24/ 2024 23:2 7	Dr. Khushb oo Jain	khushbooja in.1791@g mail.com	9.41E+ 09	Very relevant	Excellent	Somewhat engaged	Agree	Yes	Social media	Yes	Offline	No
3/25/ 2024 8:20	Divya Bhogi	divyabhogi 02@gmail. com	8.52E+ 09	Very relevant	Excellent	Very engaged	Agree	Yes	Referral from college	Yes	Online	No
3/25/ 2024 8:45	Singam setti Kavya Sree	kavyasinga msetty957 @gmail.co m	9.35E+ 09	Very relevant	Good	Neutral	Agree	Yes	Referral from college	Yes	Offline	No
3/25/ 2024 8:48	ZIA ISLAM	ziaislam919 @gmail.co m	8.27E+ 09	Very relevant	Excellent	Somewhat engaged	Agree	Yes	Social media	Yes	Offline	Thank you.
3/25/ 2024 13:1 3	Nammi yamini pravalli ka	yaminiprav allika888@ gmail.com	9.35E+ 09	Very relevant	Excellent	Very engaged	Agree	Yes	Referral from college	Yes	Online	Everything's gud

QUIZ ON FDP

Timestamp	Score	Name the Participant	Contact Number	email id	1. What is the deposition of cDNA into the inert structure called?*	2. Which of the following is an example of homology and similarity tool?	3. Which of the following is an <i>E.coli</i> model organism database	4. Each record in a database is called as	5. When did Smith-Waterman first describe the algorithm for local alignment?	6. Which of the following does not describe a local alignment algorithm?	7. Which of the following is incorrect regarding the terminologies of phylogenetics?	8. Molecular clock is an assumption by which molecular sequences evolve at varying rates.	9. Which of the following has a poor oral absorption?	10. The safety of the candidate drug in humans are studied in	11. Which of the following is/are true for FASTA format?	12. Local alignment is used for identifying	13. The closest pair of DNA sequences can be obtained from the _____	14. The Newick format for the following tree is _____	15. Which tool is commonly used for accessing nucleic acid and protein databases at NCBI?
3/22/2024 16:40	15-Aug	YALLA MILLI HARIKA SUPRIYA ANKA	9.96E+09	yallamilliharika@gmail.com	DNA microarrays	BLAST	Colgene	Entry	1970	First row and first column are set to 0 in initialization step	Node represents an inferred ancestor or of extant taxa	TRUE	Progestrone	Phase 2	It starts with '>'	Similar sequences	Lowest number of nucleotide mismatches	((A,B),(C,(D,E)),F)	FASTA
3/22/2024 16:46	15-Nov	Prachi Bhatia	9.77E+09	prachi.bhatia@gnkhalsa.edu.in	DNA microarrays	BLAST	Ecogene	File	1981	First row and first column are set to 0 in initialization step	At the tips of the branches are long lost species or sequences	FALSE	Medroxyprogesterone	Phase 1	It starts with '>'	Similar sequences	Lowest number of nucleotide mismatches	((A,B),(C,(D,E)),F)	BLAST
3/22/2024 16:49	15-Jun	Praharshitha Aravelli	9.54E+09	hharshita680@gmail.com	DNA microarrays	BLAST	Ecoseq	Record	1981	First row and first column are set to 0 in initialization step	Node represents an inferred ancestor or of extant taxa	FALSE	Pentobarbitone	Phase 1	Both (a) and (b) are true	Similar sequences	Average number of nucleotide mismatches	((A,B),C,(D,(E,F)))	PDB

3/22/2024 16:51	15- Nov	Eda.San aan	9.65E +09	Sanayem manieled a@gmail. com	DNA microarrays	BLAST	Ecobase	Record	1981	Score can be negativ e	At the tips of the branc hes are long lost specie s or seque nces	FALSE	Prog ester one	Phase 1	It starts with '>'	Similar sequence s	Low st numb er of nucle otide mism atches	((A,B),C ,(D,(E,F)))	FASTA
3/22/2024 17:04	15 / 15	Aparna Sasapu	6.31E +09	aparnasas apu414@ gmail.co m	DNA microarrays	BLAST	Ecogene	Record	1981	Score can be negativ e	At the tips of the branc hes are long lost specie s or seque nces	FALSE	Prog ester one	Phase 2	It starts with '>'	Similar sequence s	Low st numb er of nucle otide mism atches	((A,B),(C,(D,E)) ,F)	BLAST
3/22/2024 17:14	15- Mar	Vaishna vi Vetel	8.66E +09	vaishnavi vetal@g mail.com	DNA probes	Rasmol	Ecobase	Entry	1970	Score can be negativ e	Node repres ents an inferr ed ancest or of extant taxa	TRUE	Thio barbi tal	Phase 1	It starts with '>'	Number of gaps	Low st numb er of nucle otide match es	((A,B),(C,(D,E)) ,F)	FASTA
3/22/2024 17:40	15 / 15	Koteswa ri	9.38E +09	nkoti352 5@gmail. com	DNA microarrays	BLAST	Ecogene	Record	1981	Score can be negativ e	At the tips of the branc hes are long lost specie s or seque nces	FALSE	Prog ester one	Phase 2	It starts with '>'	Similar sequence s	Low st numb er of nucle otide mism atches	((A,B),(C,(D,E)) ,F)	BLAST

3/22/2024 17:42	15- Oct	Vadrevu Sai sravani shakunta la sri	7.4E+ 09	saisravani .vadrevu @gmail.c om	DNA probes	BLAST	Colgene	File	1981	Score can be negativ e	At the tips of the branc hes are long lost specie s or seque nces	FALSE	Thio barbi tal	Phase 1	It starts with '>'	Similar sequence s	Low st numb er of nucle otide mism atches	((A,B),(C,(D,E)) ,F)	BLAST
3/22/2024 17:56	15- Dec	P.M.C Ravi Varma	9.35E +09	poosapati ravivarm a45@gm ail.com	DNA microarrays	BLAST	Ecogene	Record	1981	Score can be negativ e	At the tips of the branc hes are long lost specie s or seque nces	FALSE	Prog ester one	Phase 3	Both (a) and (b) are true	Similar sequence s	Low st numb er of nucle otide match es	((A,B),(C,(D,E)) ,F)	BLAST
3/22/2024 17:59	15- Dec	Rakesh GIduthu ri	8.33E +09	rakeshgid uthuri2@ gmail.co m	DNA microarrays	BLAST	Ecogene	Record	1981	In traceba ck step, beginni ng is with the highest score, it ends when 0 is encoun teredio n	At the tips of the branc hes are long lost specie s or seque nces	FALSE	Pent obar biton e	Phase 1	It starts with '>'	Similar sequence s	Low st numb er of nucle otide mism atches	((A,B),(C,(D,E)) ,F)	BLAST
3/22/2024 18:21	14 / 15	Lasya Urmila K	7.79E +09	lasya212 004@gm ail.com	DNA microarrays	BLAST	Ecogene	Record	1981	Score can be negativ e	At the tips of the branc hes are long lost specie s or seque nces	FALSE	Prog ester one	Phase 3	It starts with '>'	Similar sequence s	Low st numb er of nucle otide mism atches	((A,B),(C,(D,E)) ,F)	BLAST

3/22/2024 18:42	15-Oct	Tangeti chandrika	6.31E+09	chandrika nagulapali15@gmail.com	DNA microarrays	BLAST	Ecoseq	Record	1981	First row and first column are set to 0 in initialization step	At the tips of the branches are long lost species or sequences	FALSE	Medroxyprogesterone	Phase 2	It starts with '>'	Similar sequences	Average number of nucleotide mismatches	((A,B),(C,D),(E,F))	BLAST
3/22/2024 18:45	15-Oct	Navyaseera	9.7E+09	Navyaseera49@gmail.com	DNA microarrays	BLAST	Ecobase	Record	1981	In traceback step, beginning is with the highest score, it ends when 0 is encountered	The lines in the tree are called branches	FALSE	Medroxyprogesterone	Phase 4	It starts with '>'	Similar sequences	Lowest number of nucleotide mismatches	((A,B),(C,(D,E)),F)	BLAST
3/22/2024 19:04	15 / 15	Lolugupavani	9.6E+09	Lolugupavani7@gmail.com	DNA microarrays	BLAST	Ecogene	Record	1981	Score can be negative	At the tips of the branches are long lost species or sequences	FALSE	Progesterone	Phase 2	It starts with '>'	Similar sequences	Lowest number of nucleotide mismatches	((A,B),(C,(D,E)),F)	BLAST
3/22/2024 19:06	15-Aug	Vijaya Ramya. KODU KULA	9.39E+09	vijayaramyaya53@gmail.com	DNA microarrays	BLAST	Ecobase	Record	1981	In traceback step, beginning is with the highest score, it ends when 0 is encountered	The connecting point where two adjacent branches join is called a node	FALSE	Progesterone	Phase 1	It starts with '>'	Similar sequences	Highest number of nucleotide mismatches	((A,B,C),(D,(E,F)))	FASTA

3/22/2024 20:05	15 / 15	Maheswari Kasarapu	7.01E +09	maheswarikasarapu16@gmail.com	DNA microarrays	BLAST	Ecogene	Record	1981	Score can be negative	At the tips of the branches are long lost species or sequences	FALSE	Pro ester one	Phase 2	It starts with '>'	Similar sequence s	Lowest number of nucleotide mismatches	((A,B),(C,(D,E)),F)	BLAST
3/22/2024 20:27	15- Jul	Routhu Bhargavi	8.52E +09	bhargavir7225@gmail.com	DNA microarrays	BLAST	Ecoseq	Record	1981	In traceback step, beginning is with the highest score, it ends when 0 is encountered ion	The lines in the tree are called branches	TRUE	Pro ester one	Phase 1	None of the above	Number of gaps	Lowest number of nucleotide matches	((A,B),(C,(D,E)),F)	BLAST
3/22/2024 21:08	15- May	Ambati Madhuri	8.31E +09	madhuriambati1002@gmail.com	DNA probes	BLAST	Ecoseq	File	1981	First row and first column are set to 0 in initialization step	At the tips of the branches are long lost species or sequences	TRUE	Pentobarbitone	Phase 2	Both (a) and (b) are true	Similar sequence s	Average number of nucleotide mismatches	((A,B),C,(D,(E,F)))	PDB
3/22/2024 21:37	15- May	Salve Amol Pralhadao	7.74E +09	psami5880@gmail.com	DNA probes	Rasmol	Ecoseq	Entry	1981	In traceback step, beginning is with the highest score, it ends when 0 is encountered ion	At the tips of the branches are long lost species or sequences	TRUE	Thio barbital	Phase 3	None of the above	Similar sequence s	Lowest number of nucleotide matches	((A,B),(C,(D,E)),F)	BLAST

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