

JKK MUNIRAJAH MEDICAL RESEARCH FOUNDATION'S

ANNAI JKK SAMPOORANI AMMAL COLLEGE OF PHARMACY



Approved by: Pharmacy Council of India, New Delhi &

Affiliated to The Tamilnadu Dr. M.G.R Medical University, Chennai.

Accredited by NAAC "A" Grade and ISO Certified

Ethirmedi, B. Komarapalayam - 638183, Namakkal Dist. Tamilnadu, India.

Website: www.jkkmmrfpharmacy.edu.in / e.mail : principal@jkkmmrfpharmacy.edu.in

Contact No : +919789456750, +919943066944, +919943069944

Dr. N. SENTHILKUMAR, Ph.D.,
Principal

ADD ON COURSE	BIOINFORMATICS IN PHARMACEUTICAL RESEARCH
DEPARTMENT	PHARMACEUTICAL ANALYSIS
ACADEMIC YEAR	2023-2024
DATE	06.11.2023 to 10.11.2023
VENUE	SEMINAR HALL

REPORT

Dr.P. KALAISELVI., M. Pharm., Ph.D.,

ASSOCIATE PROFESSOR, JKKMMRF'S ANNAI JKK SAMPOORANI AMMAL

COLLEGE OF PHARMACY, KOMARAPALAYAM.

Mr.R. VIJAY AMIRTHARAJ., M. Pharm.,

PROFESSOR, JKKMMRF'S ANNAI JKK SAMPOORANI AMMAL

COLLEGE OF PHARMACY, KOMARAPALAYAM.

No. of students enrolled: 60

No. of students certified:55

No. of students Absent:05

Course Description:

This course provides a comprehensive introduction to the use of bioinformatics tools and techniques in pharmaceutical research. The course will cover fundamental bioinformatics concepts, as well as practical applications in drug target identification, structure-based drug design, pharmacogenomics, high-throughput screening, and clinical trial data analysis.

Course Objectives:

By the end of this course, students will be able to:

- Understand the key bioinformatics tools and databases used in pharmaceutical research.
- Investigate the role of pharmacogenomics in personalized medicine.
- Analyze genetic, genomic, and proteomic data to support drug discovery and development.
- Evaluate bioinformatics approaches in clinical trials and drug efficacy prediction



PROGRAMME CO-ORDINATOR

Dr. N.SENTHILKUMAR,
PRINCIPAL,

PRINCIPAL

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Dr. N. SENTHILKUMAR, Ph.D.,
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Date: 01.11.2023

REF.NO: JKKM/PG-PHARM.ANAL/REQ/2023/002

From

Department of Pharmaceutical Analysis,
JKKMMRF'S Annai JKK Sampoorani Ammal College of Pharmacy.
Komarapalayam, Namakkal [Dist.]
Tamil Nadu, PIN-638183.

To

The Principal,
JKKMMRF'S Annai JKK Sampoorani Ammal College of Pharmacy.
Komarapalayam, Namakkal [Dist.]
Tamil Nadu, PIN-638183.

Respected Sir,

Subject: Letter for requesting Permission to Conduct a **VALUE-ADDED COURSE** regarding: -

We Are writing this letter to request permission to conduct a value-added course in the **SEMINAR HALL** on **06.11.2023 to 10.11. 2023**. We wish to conduct a value-added course regarding the **"BIOINFORMATICS IN PHARMACEUTICAL RESEARCH"**. We believe this will be a very informative session that many students will wish to attend.

We request you to kindly permit to conduct training program as this would be a great opportunity for Students to learn all about **BIOINFORMATICS IN PHARMACEUTICAL RESEARCH** that would help a great deal to shape the students.

Looking forward to hearing from you.

Thank you,

Yours sincerely,

Programme Co-ordinator



Dr. N.SENTHILKUMAR,
PRINCIPAL,

JKK MUNIRAJAH MEDICAL RESEARCH FOUNDATION
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Principal

Date: 01.11.2023

CIRCULAR

This is informed to the ALL PHARM.D, M. PHARM, B. PHARM Students that the following value-added course can be conducted by the Department of Pharmaceutical Analysis, ANNAI JKK SAMPOORANI AMMAL COLLEGE OF PHARMACY, KOMARAPALAYAM and it will be commenced as per the schedule:

Course Name	Schedule	Duration	Venue	Resource Persons
BIOINFORMATICS IN PHARMACEUTICAL RESEARCH	06.11.2023 to 10.11.2023.	30 HRS	SEMINAR HALL	Mr. Vijay Amirtharaj & Dr.P. Kalaiselvi

All the above-mentioned students must enrol and actively participate in the course without fail.

NOTE: Certificates should be issued to all the students after completion of the course and examination.

PROGRAMME CO-ORDINATOR

PRINCIPAL



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SYLLABUS

DATE	HOURS	TOPIC	SUB TOPICS	RESOURCE PERSON
06.11.2023	6HRS	BIOINFORMATICS IN PHARMACEUTICAL RESEARCH	Genomics and Transcriptomics	Mr. Vijay Amirtharaj
07.11.2023	6 HRS		Proteomics	
08.11.2023	6 HRS		Molecular Docking and Virtual Screening	
09.11.2023	6 HRS		Drug repurposing	Dr.P. Kalaiselvi
10.11.2023	6 HRS		Clinical bioinformatics	


**PROGRAMME
CO-ORDINATOR**


PRINCIPAL




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ABOUT US

DR. J.K.K.MUNIRAJAH, A LEADING INDUSTRIALIST OF KOMARAPALAYAM TOWN, NAMAKKAL DT, TAMILNADU, INDIA IS THE CHAIRMAN AND MANAGING TRUSTEE OF ANNAI J.K.K.SAMPOORANI AMMAL CHARITABLE TRUST. HE HAD HIS POST GRADUATE STUDIES IN "TEXTILE MANAGEMENT" RENOWNED BOLTON INSTITUTE OF TECHNOLOGY, BOLTON, UNITED KINGDOM. HE IS THE MANAGING DIRECTOR OF TWO TEXTILE SPINNING MILLS, ONE AT KOMARAPALAYAM, AND ANOTHER AT TIRUCHENGODE. HE HAS FORTY YEARS OF EXPERIENCE IN ADMINISTERING INDUSTRIAL ESTABLISHMENTS.

HE FOUNDED ANNAI J.K.K.SAMPOORANI AMMAL CHARITABLE TRUST IN MEMORY OF HIS BELOVED MOTHER IN 1971 FOR THE PURPOSE OF PROVIDING HEALTH CARE AND EDUCATION TO THE PUBLIC AT LARGE. HE FOUNDED UNDER THE AUSPICES OF THE TRUST, A HUNDRED BEDDED HOSPITAL AND ALSO PARAMEDICAL INSTITUTIONS OFFERING COURSES BOTH DEGREE AND DIPLOMA IN FACULTIES OF NURSING PHARMACY AND PHYSIOTHERAPY AT KOMARAPALAYAM DT, TAMILNADU, INDIA.



**JKKMMRF'S ANNAI
JKK SAMPOORANI
AMMAL COLLEGE OF
PHARMACY,
KOMARAPALAYAM**

**DEPARTMENT OF
PHARMACEUTICAL
ANALYSIS**

**TOPIC: BIO
INFORMATICS IN
PHARMACEUTICAL
RESEARCH**

VENUE: SEMINAR HALL

DATE : 06.11.2023- 10.11.2023

TIME: 9 AM TO 6 PM



**Dr. N. Senthilkumar,
Principal,**

**J.K.K. MUNIRAJAH MEDICAL RESEARCH FOUNDATION
ANNAI J.K.K. SAMPOORANI AMMAL COLLEGE OF PHARMACY,
ETHIRMEDU, KOMARAPALAYAM - 638 183,
NAMAKKAL DISTRICT, TAMILNADU.**



MR.R.VIJAY AMIRTHARAJ,M.PHARM,
PROFESSOR
DEPARTMENT OF PHARMACEUTICAL
ANALYSIS



DR.P.KALAISELVI,M.PHARM,PH.D,
ASSOCIATE PROFESSOR
DEPARTMENT OF PHARMACEUTICAL
ANALYSIS



**JKKMMRF'S ANNAI JKK
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COLLEGE OF
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KOMARAPALAYAM**

SUBTITLE:

- GENOMICS AND
TRANSCRIPTOMICS
- PROTEOMICS
- MOLECULAR DOCKING
AND VIRTUAL
SCREENING
- DRUG REPURPOSING
- CLINICAL
BIOINFORMATICS



**ORGANISING
COMMITTEE:**

- DR.T.VENKATACHALAM
- DR.K.SUMATHI
- DR.M.CHITRA
- DR.A.CHITRA
- MR.SURESH KANNAN
- MS.P.GAYATHRI
- MRS.P.RAGAVI


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RESOURCE PERSON PROFILE



R. Vijay Amirtharaj

Name	Mr. R. Vijay Amirtharaj M.PHARM.,
Designation	Professor
Department	Department of Pharmaceutical Analysis
Organization	JKK Munirajah Medical Research Foundation – Annai JKK Sampoorani Ammal college of Pharmacy, Komarapalayam
Phone Number	8667861370
Email Id	vrnakeshvad1@gmail.com
Qualification	M. Pharm.,
Experience	24 years



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RESOURCE PERSON PROFILE



Dr. P. Kalaiselvi

Name	Dr. P. Kalaiselvi M. Pharm., Ph.D.,
Designation	Associate Professor
Department	Department of Pharmaceutical Analysis
Organization	JKK Munirajah Medical Research Foundation – Annai JKK Sampoorani Ammal college of Pharmacy, Komarapalayam
Phone Number	8610010475
Email Id	kalaimpa@gmail.com
Qualification	M. Pharm., Ph.D.
Experience	15 years



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LIST OF STUDENTS ENROLLED FOR THE COURSE

S.NO	REG.NO	NAME OF THE STUDENTS	COURSES	SIGNATURE
1.	380023507528	TAMIL MOZI SELVAN K	I PHARM.D	Tamil M.
2.	380023507529	UDHAYANITHI A	I PHARM.D	UDHAYANITHI A
3.	380023507530	VARSHINI R	I PHARM.D	R. Varshini
4.	380022507501	ARBITHA B	II PHARM.D	B. Armitha
5.	380022507502	BALRAJ P	II PHARM.D	P. Balraj
6.	380021507518	PAVITHRA M	III PHARM.D	M. Pavithra
7.	380021507519	PRASANTH R	III PHARM.D	R. Prasant
8.	380021507520	PUNITHKUMAR V	III PHARM.D	V. Punith
9.	381910409	GODWIN S	V PHARM.D	S. Godwin
10.	381910410	JACKSON SELVIN Y	V PHARM.D	Y. Jackson
11.	381910411	JAYA PRIYA N	V PHARM.D	N. Jaya Priya
12.	381810416	KEZIA K SABU	VI PHARM.D	S. Kezia
13.	381810417	KISHANKANTH P	VI PHARM.D	P. Kishankanth
14.	381810418	KUMAR V	VI PHARM.D	V. Kumar
15.	381810424	OMARALI THANGAL V	VI PHARM.D	V. Omarali
16.	560023507515	DHIVAKAR J	SEM-I B.PHARM	J. Dhivakar
17.	560023507516	DIVYA D	SEM-I B.PHARM	D. Divya
18.	560023507517	DURGA S	SEM-I B.PHARM	S. Durga
19.	560023507558	POOVARASAN D	SEM-I B.PHARM	D. Poovarasan
20.	560023507559	POTHISH N	SEM-I B.PHARM	N. Pothish
21.	560023507560	PRADEESH M	SEM-I B.PHARM	M. Pradeesh
22.	560023507561	PRAVEEN KUMAR M	SEM-I B.PHARM	M. Praveen
23.	560023507562	PRAVEEN RAJ P	SEM-I B.PHARM	P. Praveen
24.	560023507563	PRAVEEN S	SEM-I B.PHARM	S. Praveen
25.	560023507564	PRAVEENRAJ S	SEM-I B.PHARM	S. Praveen
26.	560023507565	PRITIKA J M	SEM-I B.PHARM	M. Pritika
27.	560022507529	GURUMOORTHY K	SEM-III B.PHARM	K. Gurumoorthy
28.	560022507530	INDHUJA P	SEM-III B.PHARM	P. Indhuja
29.	560022507531	JANANI SRI T	SEM-III B.PHARM	T. Janani
30.	560022507597	KAVINRAJA V	SEM-V B.PHARM	V. Kavindraja
31.	560022507598	MOHAMMED AKRAM A	SEM-V B.PHARM	A. Mohammed
32.	560022507599	SANKAR S	SEM-V B.PHARM	S. Sankar



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33.	560022507600	SASINDRAN D	SEM-V B.PHARM	<i>S. Sasindran</i>
34.	560021507501	ABDULLAAH S	SEM-IVB.PHARM	<i>Abdullah S</i>
35.	560021507502	ABITHA SRI J	SEM-IVB.PHARM	<i>J. Abitha Sri</i>
36.	560021507595	VELAN S	SEM-IVB.PHARM	<i>S. Velan</i>
37.	560021507596	VIGNESH S	SEM-IVB.PHARM	<i>S. Vignesh</i>
38.	560021507597	VINCI JULIET V	SEM-IVB.PHARM	<i>Vincijuliet. v</i>
39.	560021507598	VISHAL M	SEM-IVB.PHARM	<i>M. Vishal</i>
40.	560021507599	VISHALI K	SEM-IVB.PHARM	<i>K. Vishali</i>
41.	560020507538	JAGATHEEP P	SEM-VI B.PHARM	<i>Jagatheep P</i>
42.	560020507539	JEEVA E	SEM-VI B.PHARM	<i>E. Jeeva</i>
43.	560020507540	JEEVANANTH K	SEM-VI B.PHARM	<i>K. Jeevananth</i>
44.	560020507541	JEYAPRAKASH S	SEM-VI B.PHARM	<i>S. Jeyaprakash</i>
45.	560020507542	KAMALI A	SEM-VI B.PHARM	<i>A. Kamali</i>
46.	560020507543	KAMALI S D	SEM-VI B.PHARM	<i>S.D. Kamali</i>
47.	560020507544	KANNAPRAN M	SEM-VI B.PHARM	<i>M. Kannapran</i>



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48.	560020507545	KARTHICKRAJA S	SEM-VI B.PHARM	Karthick Raja S.
49.	261223507501	ALWIN AMBUROZE A	SEM-I M.PHARM (PHRM.CHEMISTRY)	Alwin Amburoze A
50.	261223507502	DHIVYA K	SEM-I M.PHARM (PHRM.CHEMISTRY)	K. Dhivya
51.	261223507503	JEEVANRAJ S	SEM-I M.PHARM (PHRM.CHEMISTRY)	Jeevanraj S.
52.	261223507504	KOSHILA K S	SEM-I M.PHARM (PHRM.CHEMISTRY)	Ke. Koshila
53.	261623507514	SHIGIL SHIBHU	SEM-I M.PHARM (PHARMACOLOGY)	Shigil Shibhu
54.	261623507515	VASEEM RASUL PK	SEM-I M.PHARM (PHARMACOLOGY)	Vaseem Rasul PK
55.	261523507502	AARUMUGAM V K	SEM-I M.PHARM (PHARM. PRACTICE)	Aarumugam V.K
56.	261823507507	JAYAPRIYA R	SEM-I M.PHARM (REGULATORY AFFAIRS)	R. Jayapriya
57.	261823507509	JOHN PAUL E	SEM-I M.PHARM (REGULATORY AFFAIRS)	John Paul E.
58.	261823507510	KARTHIKEYAN S	SEM-I M.PHARM (REGULATORY AFFAIRS)	S. Karthikeyan
59.	261823507511	MAHAVISHNU J	SEM-I M.PHARM (REGULATORY AFFAIRS)	Mahavishnu J
60.	261823507512	RANJITH R	SEM-I M.PHARM (REGULATORY AFFAIRS)	R. Ranjith



PROGRAMME CO-ORDINATOR

Dr. N.SENTHILKUMAR,
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LIST OF STUDENTS ATTENDANCE FOR THE COURSE

S.NO	REG.NO	NAME OF THE STUDENTS	COURSES	6/11	7/11	8/11	9/11	10/11
1	380023507528	TAMIL MOZI SELVAN K	I PHARM.D	/	/	/	/	/
2	380023507529	UDHAYANITHI A	I PHARM.D	/	/	/	/	/
3	380023507530	VARSHINI R	I PHARM.D	/	/	/	/	/
4	380022507501	ARBITHA B	II PHARM.D	/	/	/	/	/
5	380022507502	BALRAJ P	II PHARM.D	/	/	/	/	/
6	380021507518	PAVITHRA M	III PHARM.D	/	/	/	/	/
7	380021507519	PRASANTH R	III PHARM.D	/	/	/	/	/
8	380021507520	PUNITHKUMAR V	III PHARM.D	/	/	/	/	/
9	381910409	GODWIN S	V PHARM.D	/	/	/	/	/
10	381910410	JACKSON SELVIN Y	V PHARM.D	/	/	/	/	/
11	381910411	JAYA PRIYA N	V PHARM.D	/	/	/	/	/
12	381810416	KEZIA K SABU	VI PHARM.D	/	/	/	/	/
13	381810417	KISHANKANTH P	VI PHARM.D	/	/	/	/	/
14	381810418	KUMAR V	VI PHARM.D	/	/	/	/	/
15	381810424	OMARALI THANGAL V	VI PHARM.D	A	A	A	A	A
16	560023507515	DHIVAKAR J	SEM-I B.PHARM	/	/	/	/	/
17	560023507516	DIVYA D	SEM-I B.PHARM	/	/	/	/	/
18	560023507517	DURGA S	SEM-I B.PHARM	/	/	/	/	/
19	560023507558	POOVARASAN D	SEM-I B.PHARM	/	/	/	/	/
20	560023507559	POTHISH N	SEM-I B.PHARM	/	/	/	/	/
21	560023507560	PRADEESH M	SEM-I B.PHARM	/	/	/	/	/
22	560023507561	PRAVEEN KUMAR M	SEM-I B.PHARM	/	/	/	/	/
23	560023507562	PRAVEEN RAJ P	SEM-I B.PHARM	/	/	/	/	/
24	560023507563	PRAVEEN S	SEM-I B.PHARM	/	/	/	/	/
25	560023507564	PRAVEENRAJ S	SEM-I B.PHARM	/	/	/	/	/
26	560023507565	PRITIKA J M	SEM-I B.PHARM	/	/	/	/	/
27	560022507529	GURUMOORTHY K	SEM-III B.PHARM	/	/	/	/	/
28	560022507530	INDHUJA P	SEM-III B.PHARM	/	/	/	/	/
29	560022507531	JANANI SRI T	SEM-III B.PHARM	/	/	/	/	/
30	560022507597	KAVINRAJA V	SEM-V B.PHARM	/	/	/	/	/
31	560022507598	MOHAMMED AKRAM A	SEM-V B.PHARM	/	/	/	/	/
32	560022507599	SANKAR S	SEM-V B.PHARM	/	/	/	/	/



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33	560022507600	SASINDRAN D	SEM-V B.PHARM	/	/	/	/	/
34	560021507501	ABDULLAAH S	SEM-IVB.PHARM	/	/	/	/	/
35	560021507502	ABITHA SRI J	SEM-IVB.PHARM	/	/	/	/	/
36	560021507595	VELAN S	SEM-IVB.PHARM	/	/	/	/	/
37	560021507596	VIGNESH S	SEM-IVB.PHARM	/	/	/	/	/
38	560021507597	VINCI JULIET V	SEM-IVB.PHARM	/	/	/	/	/
39	560021507598	VISHAL M	SEM-IVB.PHARM	A	A	A	A	A
40	560021507599	VISHALI K	SEM-IVB.PHARM	/	/	/	/	/
41	560020507538	JAGATHEEP P	SEM-VI B.PHARM	/	/	/	/	/
42	560020507539	JEEVA E	SEM-VI B.PHARM	/	/	/	/	/
43	560020507540	JEEVANANTH K	SEM-VI B.PHARM	/	/	/	/	/
44	560020507541	JEYAPRAKASH S	SEM-VI B.PHARM	/	/	/	/	/
45	560020507542	KAMALI A	SEM-VI B.PHARM	/	/	/	/	/
46	560020507543	KAMALI S D	SEM-VI B.PHARM	/	/	/	/	/
47	560020507544	KANNAPRAN M	SEM-VI B.PHARM	/	/	/	/	/
48	560020507545	KARTHICKRAJA S	SEM-VI B.PHARM	/	/	/	/	/
49	261223507501	ALWIN AMBUROZE A	SEM-I M.PHARM (PHRM.CHEMISTRY)	A	A	A	A	A
50	261223507502	DHIVYA K	SEM-I M.PHARM (PHRM.CHEMISTRY)	/	/	/	/	/
51	261223507503	JEEVANRAJ S	SEM-I M.PHARM (PHRM.CHEMISTRY)	/	/	/	/	/
52	261223507504	KOSHILA K S	SEM-I M.PHARM (PHRM.CHEMISTRY)	/	/	/	/	/
53	261623507514	SHIGIL SHIBHU	SEM-I M.PHARM (PHARMACOLOGY)	/	/	/	/	/
54	261623507515	VASEEM RASUL PK	SEM-I M.PHARM (PHARMACOLOGY)	/	/	/	/	/
55	261523507502	AARUMUGAM V K	SEM-I M.PHARM (PHARM PRACTICE)	/	/	/	/	/
56	261823507507	JAYAPRIYA R	SEM-I M.PHARM (REG. AFFARIS)	/	/	/	/	/
57	261823507509	JOHN PAUL E	SEM-I M.PHARM (REG. AFFARIS))	/	/	/	/	/
58	261823507510	KARTHIKEYAN S	SEM-I M.PHARM (REG. AFFARIS)	/	/	/	/	/
59	261823507511	MAHAVISHNU J	SEM-I M.PHARM (REG. AFFARIS)	/	/	/	/	/
60	261823507512	RANJITH R	SEM-I M.PHARM (REG. AFFARIS))	/	/	/	/	/



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ADD – ON COURSE TITLE	BIOINFORMATICS IN PHARMACEUTICAL RESEARCH	
NAME OF THE STUDENT	KARTHICK RAJA.S	
DATE	10/11/2023	
REGISTER NO	560020507545	
COURSE/ YEAR/ SEM	SEM-VI B.PHARM	MARKS OBTAINED: 20
SIGNATURE: <i>Karthick Raja S</i>	STUDENT: KARTHICK RAJA.S	STAFF: <i>[Signature]</i>

ADD ON COURSE –ANSWER SHEET

ANSWER ALL THE QUESTION:

MULTIPLE CHOICE QUESTION

MARKS:20

- Which of the following techniques is commonly used in bioinformatics for structure-based drug design?
A) Gene sequencing
B) Molecular docking
C) Flow cytometry
D) Polymerase chain reaction (PCR)
- Which of the following is a primary goal of pharmacogenomics in pharmaceutical research?
A) To identify drugs that cause genetic mutations
B) To understand the impact of genetic variations on drug response
C) To create synthetic drugs from human DNA
D) To evaluate the cost-effectiveness of drug therapies
- Which of the following bioinformatics tools is commonly used for analyzing high-throughput sequencing data in drug discovery?
A) BLAST
B) Gene Ontology (GO)



[Signature]
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3. Which of the following bioinformatics tools is commonly used for analyzing high-throughput sequencing data in drug discovery?
 - A) BLAST
 - B) Gene Ontology (GO)
 - ☒ C) Next-Generation Sequencing (NGS) software
 - D) GROMACS
4. Bioinformatics aids in personalized medicine by:
 - A) Designing drugs for mass production
 - ☒ B) Providing data for tailoring treatments to individual genetic profiles
 - C) Predicting side effects in animal models only
 - D) Developing vaccines for viral diseases
5. Which of the following databases would a pharmaceutical researcher most likely use to find information on drug-target interactions?
 - A) PubMed
 - ☒ B) DrugBank
 - C) KEGG
 - D) GeneCards
6. Which of the following bioinformatics approaches is most commonly used for drug discovery?
 - A) Genetic engineering
 - ☒ B) Molecular modeling and simulations
 - C) Microscopy
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7. What is the primary objective of bioinformatics in the context of drug target identification?
 - A) To create synthetic drugs
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8. Which bioinformatics tool is typically used for identifying sequence similarities between genes or proteins?
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9. Which of the following is a major advantage of bioinformatics in drug discovery?
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ADD ON COURSE	BIOINFORMATICS IN PHARMACEUTICAL RESEARCH
DEPARTMENT	PHARMACEUTICAL ANALYSIS
ACADEMIC YEAR	2023-2024
DATE	06.11.2023 to 10.11.2023
VENUE	SEMINAR HALL

ADD ON COURSE –ANSWER KEY

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DATE	06.11.2023 to 10.11.2023
VENUE	SEMINAR HALL

STUDENTS MARKSHEETS

S.NO	REG.NO	NAME OF THE STUDENTS	COURSES	MARKS SCoured	% MARKS
1.	380023507528	TAMIL MOZI SELVAN K	I PHARM.D	19	98%
2.	380023507529	UDHAYANITHI A	I PHARM.D	18	96%
3.	380023507530	VARSHINI R	I PHARM.D	16	88%
4.	380022507501	ARBITHA B	II PHARM.D	17	92%
5.	380022507502	BALRAJ P	II PHARM.D	18	96%
6.	380021507518	PAVITHRA M	III PHARM.D	16	88%
7.	380021507519	PRASANTH R	III PHARM.D	14	84%
8.	380021507520	PUNITHKUMAR V	III PHARM.D	16	88%
9.	381910409	GODWIN S	V PHARM.D	18	96%
10.	381910410	JACKSON SELVIN Y	V PHARM.D	16	88%
11.	381910411	JAYA PRIYA N	V PHARM.D	18	96%
12.	381810416	KEZIA K SABU	VI PHARM.D	16	88%
13.	381810417	KISHANKANTH P	VI PHARM.D	16	88%
14.	381810418	KUMAR V	VI PHARM.D	16	88%
15.	381810424	OMARALI THANGAL V	VI PHARM.D	ABSENT	
16.	560023507515	DHIVAKAR J	SEM-I B.PHARM	16	88%
17.	560023507516	DIVYA D	SEM-I B.PHARM	18	96%



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18.	560023507517	DURGA S	SEM-I B.PHARM	16	88%
19.	560023507558	POOVARASAN D	SEM-I B.PHARM	14	84%
20.	560023507559	POTHISH N	SEM-I B.PHARM	17	92%
21.	560023507560	PRADEESH M	SEM-I B.PHARM	18	96%
22.	560023507561	PRAVEEN KUMAR M	SEM-I B.PHARM	16	88%
23.	560023507562	PRAVEEN RAJ P	SEM-I B.PHARM	17	92%
24.	560023507563	PRAVEEN S	SEM-I B.PHARM	18	96%
25.	560023507564	PRAVEENRAJ S	SEM-I B.PHARM	20	100%
26.	560023507565	PRITIKA J M	SEM-I B.PHARM	18	96%
27.	560022507529	GURUMOORTHY K	SEM-III B.PHARM	17	92%
28.	560022507530	INDHUJA P	SEM-III B.PHARM	16	88%
29.	560022507531	JANANI SRI T	SEM-III B.PHARM	16	88%
30.	560022507597	KAVINRAJA V	SEM-III B.PHARM	14	84%
31.	560022507598	MOHAMMED AKRAM A	SEM-III B.PHARM	17	92%
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49.	261223507501	ALWIN AMBUROZE A	SEM-I M.PHARM (PHARMACY CHEMISTRY)	ABSENT	
50.	261223507502	DHIVYA K	SEM-I M.PHARM (PHARMACY CHEMISTRY)	14	84%
51.	261223507503	JEEVANRAJ S	SEM-I M.PHARM (PHARMACY CHEMISTRY)	17	92%



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52.	261223507504	KOSHILA K S	SEM-I M.PHARM (PHARMACY CHEMISTRY)	16	88%
53.	261623507514	SHIGIL SHIBHU	SEM-I M.PHARM (PHARMACOLOGY)	18	96%
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57.	261823507509	JOHN PAUL E	SEM-I M.PHARM (REGULATORY AFFAIRS)	14	84%
58.	261823507510	KARTHIKEYAN S	SEM-I M.PHARM (REGULATORY AFFAIRS)	18	96%
59.	261823507511	MAHAVISHNU J	SEM-I M.PHARM (REGULATORY AFFAIRS)	17	92%
60.	261823507512	RANJITH R	SEM-I M.PHARM (REGULATORY AFFAIRS)	14	84%

PROGRAMME CO-ORDINATOR

PRINCIPAL



**Dr. N. SENTHILKUMAR,
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ANNAL JKK SAMPOORANI AMMAL COLLEGE OF PHARMACY,
ETHIRMEDU, KOMARAPALAYAM - 638 183,
NAMAKKAL DISTRICT, TAMILNADU.**

JKK MUNIRAJAH MEDICAL RESEARCH FOUNDATION'S

ANNAI JKK SAMPOORANI AMMAL COLLEGE OF PHARMACY



Approved by: Pharmacy Council of India, New Delhi &
Affiliated to The Tamilnadu Dr. M.G.R Medical University, Chennai.

Accredited by NAAC "A" Grade and ISO Certified

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Dr. N. SENTHILKUMAR, Ph.D.,
Principal

ADD ON COURSE	BIOINFORMATICS IN PHARMACEUTICAL RESEARCH
DEPARTMENT	PHARMACEUTICAL ANALYSIS
ACADEMIC YEAR	2023-2024
DATE	06.11.2023 to 10.11.2023
VENUE	SEMINAR HALL

STUDENT NAME: KARTHICKRAJA S DATE: 10/11/2023

YEAR/ COURSE: B. Pharm-VI-sem

COURSE CODE: —

DURATION: —

EVALUATE HONESTLY:

Questions	Excellent	Good	Fair	Poor
The objectives of the training were	☒			
The instructor's contribution to the course was:		☒		
The presentation materials were relevant	☒			
The instructor's effectiveness in teaching the subject matter was:	☒			
Answers to the student's questions by the instructor	☒			
The venue was appropriate for the event		☒		
Course organization was:		☒		
Level of course was	☒			
Course content was:		☒		

Student Participation

1. On average, how many hours a week did you spend on this course (in and out of class)?
A)0-2 B) 2-5 C)6-10 D)11-14 E)15-16
2. What grade do you expect in this course?
A) BELOW 50% B) 50-60% C) 60-70% D) 70-80% E) ABOVE 80%

Karthick Raja S.
SIGNATURE



Dr. N. SENTHILKUMAR,
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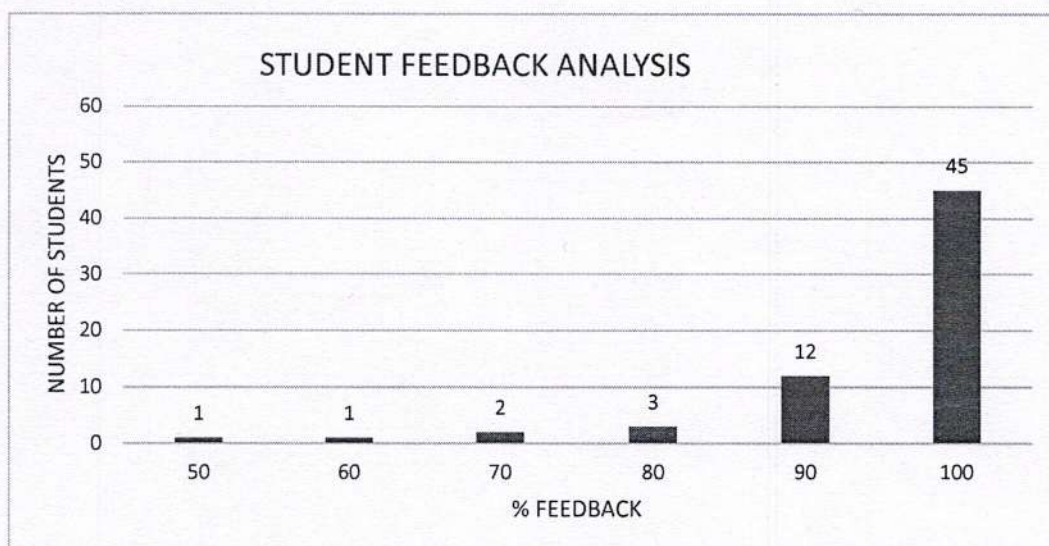
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STUDENTS FEEDBACK ANALYSIS



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The Presentation was given by Mr. Vijay Amirtharaj, Professor & Head, Dept of Pharmaceutical Analysis on 06.11.2023



The Presentation was given by Dr.P.Kalaiselvi Professor, Dept of Pharmaceutical Analysis on 06.11.2023



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JKKMMRF'S ANNAI JKK SAMPOORANI AMMAL COLLEGE OF PHARMACY

CERTIFICATE OF PARTICIPATION

This is to certify that MR./MS./MRS.

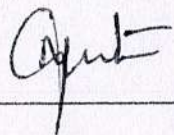
DIVYA.D.

Has appreciated for his/ her participation in Value Added Course-

Bio INFORMATICS IN PHARMACEUTICAL RESEARCH

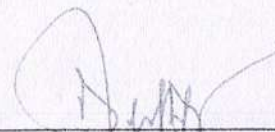
Organized by the Department of Pharmaceutical Analysis

on 06-11-2023 to 10-11-2023

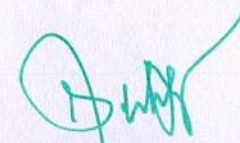


COORDINATOR





CONVENOR



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