



J.K.K.MUNIRAJAH MEDICAL RESEARCH FOUNDATION'S ANNAI JKK SAMPOORANI AMMAL COLLEGE OF PHARMACY

Ethirmediu, **B.Komarapalayam** – 638 183, Namakkal Dist. Tamilnadu. India

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

Website : www.jkkmmrfpharmacy.edu.in |E-Mail : principal@jkkmmrfpharmacy.edu.in

Contact No. : +919789456750, +919943069944, +919943066944

ICT & COMPUTING SKILL

ACADEMIC YEAR

2021-2022



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DATE: 13.12.2021

DEPARTMENT OF PHARMACEUTICAL CHEMISTRY

REPORT

COMPUTING SKILL PROGRAM - MOLECULAR DOCKING STUDIES

RESOURCE PERSONS:

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

Associate Professor,

JKKMMRF'S Annai JKK Sampoorani Ammal College of Pharmacy,
Komarapalayam..

No. of students enrolled: 30

No. of students Present: 30

Objective:

Docking is a method which predicts the preferred orientation of one molecule to a second when a ligand and a target are bound to each other to form a stable complex.⁽¹⁾ Knowledge of the preferred orientation in turn may be used to predict the strength of association or binding affinity between two molecules using, for example, scoring functions. The problem of finding a good position and orientation for docking a small drug molecule (ligand) to a larger receptor molecule is highly relevant to medical chemistry. New drugs can be designed efficiently by using computer-aided docking simulations to find highly affine components that bind well to the targeted protein.

Learning outcomes:

- learnt to perform virtual screening on large libraries of compounds, rank the results, and propose structural hypotheses of how the ligands inhibit the target.
- Learnt to prepared protein in docking
- Gained knowledge on prominent role in the initial prediction of drug's binding properties to nucleic acid.
- Can able to make molecular docking themselves
- Students can able to discover new drugs using this docking studies.

Programme
Co-ordinator



Dr. N. SENTHILKUMAR,
PRINCIPAL,

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

Principal

Dr. N. SENTHILKUMAR,
PRINCIPAL,

JKK MUNIRAJAH MEDICAL RESEARCH FOUNDATION
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DATE: 08/12/2021

DEPARTMENT OF PHARMACEUTICAL CHEMISTRY

2021-2022

NOTICE

This is to inform III B.PHARM students that the Department of Pharmaceutical Chemistry organizing computing skill development programme on **MOLECULAR DOCKING AND STUDIES** will be held on 13.12.2021 for 1.30hrs in the seminar hall.

All students may actively participate in the programme without fail.

TOPIC	RESOURCE PERSON	DATE	TIME
MOLECULAR DOCKING AND STUDIES	Dr.P.KALAI SELVI, M.Pharm.,Ph.D.,	13.12.2021	8.00AM-9.30AM



Dr. N. SENTHILKUMAR,
PRINCIPAL,
JKK MUNIRAJAH MEDICAL RESEARCH FOUNDATION
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PRINCIPAL
Dr. N. SENTHILKUMAR,
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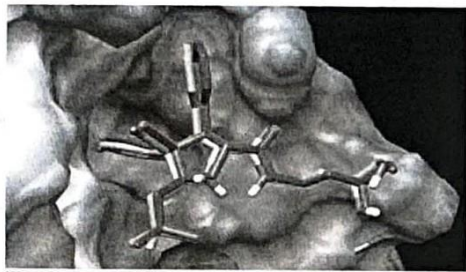


**JKKMMRF'S ANNAI JKK
SAMPOORANI AMMAL COLLEGE OF
PHARMACY, KOMARAPALAYAM.**

**DEPARTMENT OF PHARMACEUTICAL
CHEMISTRY**

COMPUTING SKILLS PROGRAM

TOPIC: MOLECULAR DOCKING STUDIES



VENUE: SEMINAR HALL

DATE: 13.12.2021

TIME: 8.00am to 9.30am



ABOUT US:

Dr. J K KMuniraraj is a reputed industrialist technocrat and educationist besides being an avid social worker, a person imbued with deep spiritual values and a philanthropist. He founded a charitable trust by Annai JKK Sampoorani Ammal charitable trust, Komarapalayam-638183, Namakkal(Dt), Tamilnadu in the year-1971. He established many temples of learning to perpetuate the ever-lasting memory of his beloved mother. At present Annai J K KSampoorani Ammal Charitable Trust runs paramedical institutions offering Diploma, Graduate & Ph.D Courses and Research scholarships in pharmacy, Nursing, Physiotherapy and Occupational therapy at Komarapalayam. These educational institutions are temples of social changes in our society. The trust has won many national and state awards. These renowned educational institutions spared education to promote knowledge, wisdom and service-orientation.

Resource person:



Dr. P. KALAI SELVI, M.Pharm., Ph.D.,
Associate Professor,
JKKMMRF'S Annai JKK Sampoorani Ammal College of
Pharmacy,
Komarapalayam.

**Dr. N. SENTHILKUMAR,
PRINCIPAL,**

**JKK MUNIRAJAH MEDICAL RESEARCH FOUNDATION
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DATE: 19/04/2022

DEPARTMENT OF PHARMACEUTICS

REPORT

COMPUTING SKILL DEVELOPMENT PROGRAMME - MEDICAL CODING

VENUE: SEMINAR HALL

DATED: 19.04.2022

RESOURCE PERSONS:

Dr.N.SENTHIL KUMAR., M.Pharm., Ph.D.,

PRINCIPAL AND HEAD OF THE DEPARTMENT OF PHARMACEUTICAL CHEMISTRY,
JKKMMRF'S ANNAI JKK SAMPOORANIAMMAL
COLLEGE OF PHARMACY, KOMARAPALAYAM.

No. of students enrolled: 63

No. of students Present : 63

OBJECTIVES OF THE COURSE

A medical coder resume objective is a **brief introduction to a professional's relevant experience, skills and goals**. Candidates can use this summary to describe why they're qualified for a position as a medical coder and highlight what sets them apart from other individuals interested in the role.

LEARNING OUTCOMES OF THE COURSE

Demand is High for Certified Medical Coders. While the demand is high for medical coding professionals, employers still look out for specialists who avoid mistakes. Competent Pay Package. A Stable Career Option. Remote Working Options. Concluding Thoughts.




Dr. N.SENTHILKUMAR,
PRINCIPAL

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DATE: 18/04/2022

DEPARTMENT OF PHARMACEUTICS

CIRCULAR

2022

This is inform to the students that the following Computing skill development courses can be conducted by the Department of Pharmaceutics, JKKMMRF'S ANNAI JKK SAMPOORANI AMMAL COLLEGE OF PHARMACY, KOMARAPALAYAM and it will be commenced as per the schedule:

Course Name	Date	AN	Venue	Resource Person
MEDICAL CODING	19/04/2022	I,II,III BPHARM, IV PHARM.D	SEMINAR HALL	DR.N.SENTHIL KUMAR

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.

PRINCIPAL

Dr. N.SENTHILKUMAR,
PRINCIPAL
JKK MUNIRAJAH MEDICAL RESEARCH FOUNDATION
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