



SCHOOL OF BIOSCIENCES AND TECHNOLOGY

MINUTES OF THE FIRST DOCTORAL ADVISORY COMMITTEE (DAC) MEETING

Date: 25-06-2025

Time: 10.00 AM

Venue: SMV G-33

Details of the Research Scholar					
Name	DHIVYA G			Register No.	24PDT0002
Programme	Ph. D (Deep Tech)	School / Center	SBST	Category	IFT
Proposed Area of Research	A study on the detection and validation of Protein-Protein Interaction Inhibitors for Cystic Fibrosis treatment using Machine Learning-driven virtual screening approach				
Details of the Guide(s)					
	Name of the Faculty			Emp.ID	School / Centre
Guide	Dr. MANOOV R			13337	SCOPE
*Co-Guide	NA			NA	NA

Members Present			
S.No.	Name	Designation with Affiliation	Role
1	Dr. ABILASH V G	Associate Professor Senior, Department of Bio-Medical sciences, School of BioSciences & Technology, VIT, Vellore 632014.	Convenor
2	Dr. RM. VIDHYAVATHI	Assistant Professor, Department of Bio-informatics, Alagappa University Karaikudi – 630003.	External Member
3	Dr. C. JAYAPRAKASH	Assistant Professor, Department of Bio-informatics, Bharathiar University Coimbatore – 630003.	External Member
4	Dr. KUMAR K	Professor Grade I, Centre for Continuing Professional Development, VIT, Vellore 632014.	Internal Member
5	Dr. MANOOV R	Assistant Professor Senior, School of Computer Science and Engineering (SCOPE), VIT, Vellore.	Guide

Summary of the DAC Meeting:

- ❖ The Convener welcomed all the Doctoral Committee.
- ❖ The candidate Ms. DHIVYA G (24PDT0002) introduced to the committee.
- ❖ Candidate was asked to give a brief presentation about the work carried out so far.

Candidate presented her work on “A study on the detection and validation of Protein-Protein Interaction Inhibitors for Cystic Fibrosis treatment using Machine Learning-driven virtual screening approach”

- ❖ After a thorough review of the progress of the candidate in her research work, the committee has approved the following courses taken by the candidate already.
 1. PRES706L- Research Methods for Sciences
 2. PRMC001L- Research and Publication Ethics
 3. PENG504N- English for Researchers
- ❖ In addition, the following courses are suggested by the committee members.
 1. Drug Design and Drug Discovery (Self Study Course)
 2. Python programming for Bio-informatics (Self Study Course)
 3. Introduction to Machine Learning (Online Course NPTEL)
- ❖ The Committee members suggested,
 1. Dr. RM. Vidhyavathi (External Member)
 - a.
 - b.
 - c.
 2. Dr. C. Jayaprakash (External Member)
 - a.
 - b.
 - c.
 3. Dr. Kumar K (Internal Member)
 - a.
 - b.
 - c.

The DAC members have approved the following course work papers.

Course work Details							
S. No	Title of the Course	Course code	Category *	L	T	P	C
1	English for Researchers	PENG504N	PEN	2	0	2	3
2	Research Methods for Sciences	PRES706L	RES	3	1	0	4
3	Research and Publication Ethics	PRMC001L	RMC	2	0	0	2
4	Drug Design and Drug Discovery		SSC	0	3	0	3
5	Python programming for Bio-informatics		SSC	0	3	0	3
6	Introduction to machine learning		ONL	2	0	0	2
			Total Credits				17

Approval			
S. No	Name of the Member	Role	Signature
1	Dr. RM. VIDHYAVATHI	External Member	
2	Dr. C. JAYAPRAKASH	External Member	
3	Dr. KUMAR K	Internal Member	

Signature of the Guide

Signature of the School Dean / Center Director with seal

Enc.: 1. Syllabi signed by all the members of DAC,

2. If a DC member is attending the meeting in online mode, email approval should be attached.