



Office of Academic Research

Details of the Research Scholar					
Name	<b>DHIVYA G</b>			Register No.	<b>24PDT0002</b>
Programme	<b>Ph. D (Deep Tech)</b>	School	<b>SBST</b>	Category	<b>IFT</b>
Topic of Research	<b>A study on the detection and validation of Protein-Protein Interaction Inhibitors for Cystic Fibrosis treatment using Machine Learning-driven virtual screening approach</b>				

Details of Mandatory Course						
COURSE TITLE:		English For Researchers PENG504N				
Credit Structure			L	T	P	C
			2	0	2	3
Module 1: Introduction to Academic and Scientific English (4 Hours)						
<ul style="list-style-type: none"><li>General English, Academic English, and Scientific English</li><li>Grammatical Nuances of Academic English</li><li>English for Specific Purposes</li></ul>						
Module 2: Reading for Research (3 Hours)						
<ul style="list-style-type: none"><li>Types of Reading, Analysis of Various Texts, Analysis of Paragraphs</li><li>Identifying Topic Statement, Locating Main Ideas, and Annotating</li></ul>						
Module 3: Academic Vocabulary, Avoiding Ambiguity, Repetition, and Vague Language (3 Hours)						
<ul style="list-style-type: none"><li>Verbs</li><li>Collocations</li><li>Logical Connectors</li><li>One Word substitution</li><li>Synonym</li><li>Technical and Scientific Registers</li><li>Use of Simple and Accessible Style</li><li>Avoid: Uninformative Words, Redundancy, Grandiloquence, Cliches and Euphemisms</li><li>Minimize Pronoun Ambiguity</li><li>Select Specific over Generic Words</li></ul>						
Module 4: Grammar for Research (3 Hours)						
<ul style="list-style-type: none"><li>Agreement of Subject and Verb</li><li>Pronoun Reference</li><li>Active and Passive Voice</li><li>Impersonal and Passive Voice</li><li>Nouns from Verbs</li><li>Modifiers</li><li>Tense and Tense Shift</li><li>Punctuation</li><li>American and British Styles</li></ul>						
Module 5: Structuring of Paragraphs and Academic Writing (5 Hours)						

<ul style="list-style-type: none"> <li>Paragraph Initiation: Selecting Relevant Subjects</li> <li>Section Introductions: Summarizing Content and Structure</li> <li>Information Placement: Balancing New and Existing Details</li> <li>Conceptual Progression: From General to Specific in Sentence Construction</li> <li>Logical Sequencing: Organizing Ideas Coherently</li> <li>Prewriting Strategies, Writing Strategies, Revision Strategies: Deleting, Elaborating</li> <li>Paraphrase and Summary; Use of Digital Tools</li> <li>Interpret Infographics</li> </ul>
<b>Module 6: Proofreading (5 Hours)</b>
<ul style="list-style-type: none"> <li>Enhancing Error Detection</li> <li>Spelling and Grammar Verification</li> <li>Formatting Consistency</li> <li>Identifying and Replacing Overused Phrases</li> <li>Logical Flow and Coherence</li> <li>Conciseness and Clarity</li> </ul>
<b>Module 7: Important Features and Elements of Academic Texts (5 Hours)</b>
<ul style="list-style-type: none"> <li>Elements of Academic Texts: Title, Abstract, Key words, Introduction, Methods, Results, Discussion, Conclusions, Acknowledgments, References, Appendix/ices</li> <li>Characteristics, Structure and Style: Review articles, Research paper, Journal Finder, Mendeley, Conference abstracts</li> </ul>
<b>Module 8: Presentations (2 Hours)</b>
<ul style="list-style-type: none"> <li>Communication Theory; Social Presence Theory</li> <li>Analysis of TED Presentations</li> <li>Dynamics of Presentation Skills</li> </ul>

Total Lecture hours		30 Hours
Indicative Experiments		
1.	Interpretation of texts	5 hours
2.	Proofreading	5 hours
3.	Domain specific vocabulary	4 hours
4.	Transcoding	4 hours
5.	Referencing	4 hours
6.	Paraphrasing	4 hours
7.	Summarization	4 hours
Total Laboratory Hours		30 hours
Text Book(s)		
1.	Adrian.W. (2023). English for Writing Research Papers. (Third Edition). Pisa, Italy. Springer	
2.	John, F. & Pejman H. (2021). Introducing English for Research Publication Purposes. London. Routledge	
Reference Books		
1.	Booth, W. C., Colomb, G. G., Williams, J. M., Bizup, J., & FitzGerald, W. T. (2016). The craft of research (4th ed.). University of Chicago Press.	
2.	Day, R. A., & Gastel, B. (2016). How to write and publish a scientific paper. Cambridge University Press.	
3.	Glasman-Deal, H. (2010). Science research writing: For non-native speakers of English. Imperial College Press.	
4.	McCarthy, M., & O'Dell, F. (2016). Academic vocabulary in use. Cambridge University Press.	

5.	Silvia, P. J. (2014). Write it up: Practical strategies for writing and publishing journal articles. American Psychological Association.
6.	Swales, J. M., & Feak, C. B. (2012). Academic writing for graduate students: Essential tasks and skills (3rd ed.). The University of Michigan Press.
<b>Mode of Evaluation:</b> Internal assessments, Quiz, Mini Project	

Approval			
S.No	Name of the Member	Role	Signature
1.	Dr. ABILASH V G	Dean Nominee	
2.	Dr. RM. VIDHYAVATHI	External Member	
3.	Dr. C. JAYAPRAKASH	External Member	
4.	Dr. KUMAR K	Internal Member	
5.	Dr. MANOOV R	Guide	