# FOUR YEAR UNDERGRADUATE PROGRAM (2024 -2028) DEPT. OF BOTANY: VALUE ADDITION COURSE COURSE CURRICULUM (2024-25)

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	<ul> <li>After completion of this course, the students will be able to -</li> <li>Understand the academic research and its scope &amp; prospects.</li> <li>Know the Importance of Report writing in academic and Research and Necessity of report writing for achievement of academic &amp; research goals</li> <li>Demonstrates the knowledge of the toxicity of plant and essential oil ingredients,</li> <li>Understand the kinds &amp; characteristics of academic and research reports presentation and its prospective application.</li> <li>Use the tools and techniques of academic research and report writing</li> <li>Adopt the skill of research designing and report/paper/thesis writing</li> </ul>				
Credit Value					
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		Periods	(01 Hr. per period) -	30 Periods (30 Ho	urs)
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Research paper / Re paper, Structure of Methodology, Res	eview writing: Sof Research paults and Disc	apers, Re ussion, I	esearch paper formats, Different formats refer	Abstract writing,	07 Hours
Report/ Dissertation Literature review, E Discussion, Figures	Thesis Write Experimental / Co & Table Prepa	ting - omputatio	Structure of a thesis, Structure of a thesis	studies, Result and	07 Hours
Tools, Techniques & PowerPoint, Librand Beamer. Basic i tools (Assignments)	& Presentation- a-office, Latex e dea of Data colle	etc. Makir ection, Tal	ng effective presentations bulation & Presentation.	using Power Point Plagiarism detection	08 Hours
	Introduction: Cone a concept Paper fo & Design, Format, in India promoting ICMR, CSIR, INSA Research paper / Re paper, Structure of Methodology, Res communicating a res Report/ Dissertation Literature review, E Discussion, Figures Appendixes (Assign Tools, Techniques & PowerPoint, Libr and Beamer. Basic i tools (Assignments)	Presentation	presentation and its	presentation and its prospective application  > Use the tools and techniques of academic resear.  > Adopt the skill of research designing and report  Total Marks  Max. Marks: 50  Max. Marks: 50  T-B: Content of the Course  Total No. of Teaching-learning Periods (01 Hr. per period) -  Introduction: Concept of - Academic Research and Research Proj a concept Paper for academic research, Research—Characteristics, & Design, Format, Scope, Motivation & Prospects. Popular Scher in India promoting Research - INSPIRE, NSF, MEF, DBT, DST, DN ICMR, CSIR, INSA.  Research paper / Review writing: Steps of writing a research report paper, Structure of Research papers, Research paper formats, Methodology, Results and Discussion, Different formats refer communicating a research papers, (Assignments)  Report/ Dissertation / Thesis Writing - Structure of a thesis, Stiterature review, Experimental / Computational details, Preliminary Discussion, Figures & Table Preparation, Conclusion and Future was Appendixes (Assignments)  Tools, Techniques & Presentation— Various word processors - MS & PowerPoint, Libra-office, Latex etc. Making effective presentations and Beamer. Basic idea of Data collection, Tabulation & Presentation. tools (Assignments)	presentation and its prospective application.  ** Use the tools and techniques of academic research and report writing.  ** Adopt the skill of research designing and report/ paper / thesis writin.  **Credit Value**  2 Credits**  Credit = 15 Hours - learning & Obs.*  Total Marks**  Max. Marks: 50*  Min Passing Marks:  T-B: Content of the Course  Total No. of Teaching-learning Periods (01 Hr. per period) - 30 Periods (30 Hole)  Topics (Course contents): Learning and Practices  Introduction: Concept of - Academic Research and Research Project, Component of a concept Paper for academic research, Research—Characteristics, Type, Formulation & Design, Format, Scope, Motivation & Prospects. Popular Scheme & Organization in India promoting Research - INSPIRE, NSF, MEF, DBT, DST, DNES, STARD, ICAR, ICMR, CSIR, INSA.*  Research paper / Review writing: Steps of writing a research report. Types of Research paper, Structure of Research papers, Research paper formats, Abstract writing, Methodology, Results and Discussion, Different formats referencing, Ways of communicating a research papers, (Assignments)  Report/ Dissertation / Thesis Writing - Structure of a thesis, Scope of the work, Literature review, Experimental / Computational details, Preliminary studies, Result and Discussion, Figures & Table Preparation, Conclusion and Future works, Bibliography, Appendixes (Assignments)  Tools, Techniques & Presentation— Various word processors—MS Office—Word, Excel & PowerPoint, Libra-office, Latex etc. Making effective presentations using Power Point and Beamer. Basic idea of Data collection, Tabulation & Presentation. Plagiarism detection tools (Assignments)

Signature of Convener & Members of CBOS:

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## PART-C

BVAC - 02 (Academic Research & Report Writing)

#### Learning Resources: Text Books, Reference Books and Others

#### Text Books Recommended -

- > Technical Report Writing and Research Methodology by Dr Naushad Alam Dr Quadri Javeed Ahmad Peer Dr Banarsi Lal, Write & Print Publications
- Research Writing A Complete Guide (PB) by Srinivasan R, How Academics
- GUIDE TO REPORT WRITING by Netzley, Snow, PEARSON INDIA
- A Student Guide to Writing Research Reports, Papers, Theses and Dissertations By <u>Cathal Ó Siochrú</u>; ISBN 9780367621049. Published 2022 by Routledge
- https://www.goodreads.com/shelf/show/report-writing

#### Online Resources-

- > e-Resources / e-books and e-learning portals
  - https://www.questionpro.com/blog/research-reports/
  - https://egyankosh.ac.in/bitstream/123456789/39238/1/Unit-5.pdf
  - https://www.studocu.com/in/document/visvesvaraya-technological-university/research-methodology/general-format-of-a-research-report/33791300
  - https://students.unimelb.edu.au/academic-skills/resources/report-writing/research-reports

### Use of following sites

https://www.wiley.com/en-

 $\underline{ie/Student+Research+and+Report+Writing:+From+Topic+Selection+to+the+Complete+Paper-p-9781118963913}$ 

https://www.researchgate.net/publication/275654158 HAND BOOK FOR WRITING RESEARCH PAPER

#### PART -D: Assessment and Evaluation Suggested Continuous Evaluation Methods: Maximum Marks: 50 Marks Continuous Internal Assessment (CIA): 15 Marks End Semester Exam (ESE): 35 Marks Continuous Internal Internal Test / Quiz-(2): 10 & 10 Better marks out of the two Test / Quiz Assignment/Seminar +Attendance - 05 Assessment (CIA): + obtained marks in Assignment shall be Total Marks considered against 15 Marks (By Course Teacher) **End Semester Exam** Two section - A & B Section A: Q1. Objective -05 x1 = 05 Mark; Q2. Short answer type-5x2 = 10 Marks(ESE): Section B: Descriptive answer type qts., 1 out of 2 from each unit- 4x05 = 20 Marks

Signature of Convener & Members of CBOS:

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