

Course Code	BYU5305					
Level	05					
Course Title	Literature Review in Botany					
Credit value	09					
Core/Optional	Core for BScHons					
Prerequisites	A limited number of selected students registered					
Hourly breakdown	Theory		Practical	Independent Learning	Assessment	Total
	-	Face-to-face contact: (DS4 x 3 h) + (Contact Sessions with Course Coordinator and Supervisor 0.5 h x 28 weeks) 26 h	-	Self Study and reference time (Reference time 280 h - 5x2x28) + online (6h) 286 h	(2 CAT x 1 h) 02 hrs	312 h
Course Aim/s.	<p>The specially selected students are guided to carry out a research project on an approved topic under the supervision of a senior academic.</p> <p>This course aims to:</p> <ol style="list-style-type: none"> 1. Provide the opportunity to become familiar with the process of carrying out research in Botany 2. Assist you to acquire a critical approach to reading and evaluating published data and other material based on appropriate and rigorous criteria 3. Enables you to use published material in a productive way in order to improve the quality of research and hence formulate and realize the research objective effectively 4. Enable you to appraise the scientific strengths and weaknesses of published material in an accurate and detailed way and thereby to utilize the information more effectively. <p>Submission of a research proposal and a progress report as continuous assessments and a literature review followed by a presentation and an oral examination are requirements for the final examination.</p>					
PLOs addressed by course	<p>PLO1: Knowledge: Explain the fundamental, principles and broader knowledge pertaining to the chosen science disciplines offered for the degree.</p> <p>PLO2: Practical Knowledge and Application. Demonstrate the competency to use the knowledge and practical skills appropriately.</p> <p>PLO3: Communication: Demonstrate the competency in communicating efficiently and effectively to present information, ideas and concepts to the scientific community as well as to the wider society.</p> <p>PLO4: Individual Work, Team Work and Leadership: Demonstrate the competency in working independently and in groups in addressing issues in multi-disciplinary environments and completing the tasks on time through collaborative learning while exhibiting leadership.</p> <p>PLO5: Creativity and Problem Solving: Identify and analyze problems using quantitative and/or qualitative approaches using scientific methodology to provide valid conclusions.</p> <p>PLO6: Adaptability and Flexibility: Demonstrate the ability to adapt to diverse working environments using flexible approaches and strategies.</p> <p>PLO7: Information and Communication Technology Literate: Demonstrate the competency of using Information and Communication Technology for numerical and statistical analysis, and in day to day applications.</p> <p>PLO8: Vision for Life: Develop the capacity to project for future through identifying self-directed goals and continuously targeting towards them for self-improvement by undertaking further studies.</p> <p>PLO9: Lifelong Learning: Develop the capacity to foresee new trends and their impacts and continuously update knowledge and develop skills willingly to meet those future challenges.</p>					
Course Learning Outcomes (CLO)	<p>The students should be able to:</p> <p>CLO1: List out the distinctive features of primary research literature (PLOs1-9)</p> <p>CLO2: Discover the provisional nature of novel scientific results and of the implications from research publication(PLOs1-9)</p> <p>CLO3: Adapt a critical approach to reading(PLOs1-9)</p> <p>CLO4: Interpret published research methods, data and conclusions rigorously(PLOs1-9)</p>					

	<p>CLO5: Utilize published material effectively(PLOs1-9)</p> <p>CLO6: Review literature and finally present extracted literature knowledge from available literature(PLOs1-9)</p> <p>CLO7: Evaluate published data and other material base on appropriate and rigorous criteria. (PLOs1-9)</p>	
Content (Main topics, sub topics)	<p>Course materials: No course material provided as lesson material. Supplementary material provided for instructions and guidelines. Course delivered through continuous guidance through regular supervision and independent learning. Online component to be included.</p>	
Teaching Learning methods	<p>Self-learning/Independent learning of self-study</p> <ul style="list-style-type: none"> ▪ Course material: None + (online 6 hrs) <p>Compulsory contact sessions</p> <ul style="list-style-type: none"> ▪ Face-to-face contact: 26 h (DS4 x 3 h) + (Contact Sessions with Course Coordinator and Supervisor 0.5 h x 28 weeks) ▪ Self study and reference time: 280 h (5x2x28 h) ▪ Assessment: 3 h (CATs 2 x 1 h) 	
Assessment strategy	Overall CA Mark (OCAM): 40%	
	Final Assessment: 60%	
	<p>CAT I : Project Proposal; CAT II – Progress Report CA: 20% Project Proposal + 80% Progress Report</p>	<p>Mini-dissertation - 75% Viva Voce - 25%</p>
Recommended Readings:	<ul style="list-style-type: none"> • Oliver, Paul (2008) <i>Writing your theses</i> (2nd Edition) SAGE Publication India Pvt. Ltd., New Delhi. • Paltridge, Brian and Starfield, Sue (2007) <i>Thesis and Dissertation Writing in a Second Language – a Handbook for Supervisors</i>. Routledge, London and New York. • Walliman, Nicholas (2005) <i>Your Research Project</i> (2nd Edition) Vistaar Publication, New York. • Wisker, Gina (2009) <i>The Undergraduate Research Handbook - Palgrave Study Skills</i>. Palgrave and Macmillan, New York. 	