



Avinashilingam Institute for Home Science and Higher Education for Women
 (Deemed to be University under Category A by MHRD, Estd. u/s 3 of UGC Act 1956)
 Re-accredited with A+ Grade by NAAC. Recognised by UGC Under Section 12 B
 Coimbatore-641 043, Tamil Nadu, India

Department of Botany

M.Phil. / Ph.D., Botany

M. Phil - Program Specific Outcome

1. Demonstrate proficiency in basic science and fundamental principles to research approaches.
2. Demonstrate understanding of advance techniques in biotechnology and interrelated research.
3. Practical knowledge on biochemical, phytochemical analysis and nanobiology.

Ph.D - Program Specific Outcome

1. Apply the process of science by identifying testable scientific questions, formulating hypotheses and designing basic experiments using appropriate research methods.
2. Demonstrate the practical and theoretical knowledge of biotechnology and acquire Skills in laboratory technique.
3. Imparts quality education to meet the market demands on organic products.

Scheme of Instruction and Examinations

(Applicable for M. Phil / Ph. D Scholars admitted from 2020-2021 & onwards)

<i>Subject Code</i>	<i>Name of paper/component</i>	<i>Hours of instruction/ week</i>	<i>Scheme of Examination</i>				
			<i>Duration of exam</i>	<i>CIA</i>	<i>CE</i>	<i>Total</i>	<i>Credits</i>
19MPBO01/ 19PHBO01	Research Methodology and Biostatistics	7	3	60	40	100	5
19MPBO02/ 19PHBO02	Advances in Plant Biotechnology	7	3	60	40	100	6
	Specialization paper		3	60	40	100	5
20MPRP04/ 20PHRP04	Research and Publication Ethics	2	3	100	-	100	2
	Thesis			100	100	200	12
Total Credits							30