

**Avinashilingam Institute for Home Science and Higher Education for Women
Coimbatore 43**

In - House Research Projects 2016-17

Selection List

S.No	Faculty Member	Department	Title of the Project	Budget Allotted (Rs)
Faculty of Science				
1	Dr. P.Lalitha	Chemistry	Biogenic Synthesis of Graphene Nano Particles and Study on its Antiproliferative Potential Against MCF-7 Cell Lines	20000
2	Dr. V. Sharulatha	Chemistry	Microwave Assisted Synthesis of Pyrido (1,2-A) Pyrimidine -4-ones	25000
3	Dr. K. S. Santhy and Dr. M. Poonkothai	Zoology	Creating Awareness among the Tribal Women of Maruthamalai on the Pharmacognostic Properties of Rudraksha Tree <i>Elaeacarpus</i> Sp	30000
4	Dr. G. Padmavathi and Dr. D. Shanmugapriya	Computer Science	A Study on Personal Authentication based on Keystroke Text and Sound	20000
5	Dr. A. Vijayalakshmi and Dr. R. Karthiyayini	Botany	Vermicompost as Soil Supplement to Enhance Biometric ,Yield and Biochemical Analysis of Selected Medicinal Plants	20000
6	Dr. A. Vijayalakshmi and Dr. V. Gayathri	Botany	Growth of Vegetable Crops using Vermicompost	20000
7	Dr. R. Nirmaladevi	Biochemistry	Pharmacological Response of Herbal Formulation in the Management of Acute	20000

			Lymphoblastic Leukemia	
8	Dr. V. Bhuvaneshwari and M. Rajeshwari	Biochemistry	Laccase mediated polymerization of Ferulic Acid and Assessment of its Antibiofilm Activity	20000
9	Dr. Anitha Subash and Dr A. Shobana	Biochemistry	Isolation and Study of Protease from Fish Waste and Recommendation of its Use in Leather industry	20000
10	Mrs. S. Velvizhi	Biochemistry	Evaluation of Risk factors and Biochemical changes in Poly cystic ovarian syndrome Women of Coimbatore Population.	20000
Faculty of Home Science				
11	Dr. Pa. Raajeshwari and Dr. C.A. Kalpana	FSN	Nutrition Communication on Obesity associated Vitamin D Insufficiency among Adolescent Girls	35000
12	Dr. R. Sunitha and Dr. U. Ratna	Textiles and Clothing	Empowering Rural Women through Skill Based Training in Printing and Surface Enrichment on Textiles	25000
13	Dr. K. Kalaiarasi and Dr. R. Prabha	Textiles and Clothing	Microwave –Assisted Extraction and Dyeing of Silk with Natural Dyes	25000
14	Dr. R. Radha and Dr. V. Premala Priyadharshini	FSMD	Analysis of Heavy Metal Contamination in Selected Green Leafy Vegetables	35000
Faculty of Humanities				
15	Dr. C. Parvathi	Economics	Impact of Climate Change and Agriculture with Special Reference to Adoption of Information Communication Technology	35000
16	Dr. Sreeja Balakrishnan	English	Gender Stereotyping in Visual Cultural Media and its impact on Indian	35000

			Women and Young Children	
17	Dr. Gurugnanambiga S	Tamil	ei l Ki w thoty gadg Lk gy Ji wf fi yrn rhwfs	35000
Faculty of Business Administration				
18	Dr. D. Vennila	Commerce	Credit Guarantee Fund Trust Scheme for Micro and Small Enterprises-An Evaluation	35000
19	Dr. M. A. Vijaya	School of Management Technology	Relationship between Personality and Employability among Higher Education Students	35000
20	Dr. K. Ramya	School of Management Technology	Impact of Environmental Education on Responsible Environment Behavior among Higher Education Students	35000
Faculty of Education				
21	Dr. K. Sampath Rani and Mrs. R. Shanthy	Special Education	Efficacy of Articulatory Battery Tool in Identification of Articulatory Problems among Children With Special Needs	35000
22	Dr. R. Saravana Prabha	Physical Education	Developing Awareness for Self Defence among Varsity Girls	35000
23	Mrs R. Vijayanthi ,Dr. TKS. Lakshmi Priya and Dr.A.Arulmozhi	Education and Printing Technology	An Efficient Re-Coloring Method with Information Preserving for the Color - Blind	35000
Total				6,50,000