



ALAGAPPA UNIVERSITY
KARAIKUDI
RUSA DIRECTORATE



Walk-in-Interview

Applications are invited from eligible candidates for temporary Project Fellow in connection with the RUSA Phase 2.0 scheme funder Project Themes as detailed below. Interested candidates can attend the Walk-in-Interview schedule to be held at 11.30 a.m. on 19.03.2019 in the Science Block, Alagappa University, Karaikudi.

Sl.No	Research Theme	Name of the Departments	Research Area	No. of Project Fellow	Total No. of Project Fellow	Qualifications required
1	Advanced Nanomaterials for Sustainable Energy and Sensor Applications	Bioelectronics & Biosensors	Development of Chemo-biosensors for Bio-medical, Food and Environmental applications, Electronic nose for Breath Analysis.	6	15	M.Sc. Physics, Chemistry, Materials Science, Biological Sciences, Nanoscience & Technology / M.E./M.Tech. Nanotechnology with minimum 55% marks
2		Chemistry	Advanced Nanomaterials in Sustainable Energy, Green Chemistry and Healthcare	1		
3		Nanoscience & Technology	Nanotechnology for Display Paneling, Green Energy, Bioimaging and Sensing for Medical Applications, Solar Hydrogen Production	3		
4		Physics	Design and Fabrication of advanced Devices such as Optical Memories, Scintillation Detectors, Rechargeable Batteries and Sensors using Crystals, Polymers	5		

			and Thin films, Hydrogen Storage Materials			
5	Mathematical Modelling and Computational Intelligence	Mathematics	Mathematical modelling	1	4	M.Sc. Mathematics / Computer Science / MCA with minimum 55% marks
6		Computer Science	Big Data and Machine Learning	1		
7		Computer Applications	Bio-metric based Security, Image processing and Health Care System	1		
8		Computational Logistics	Cloud Security and Cryptography	1		
9	Translational Health Research for Human, Animal and Plant Systems	Microbiology	Health Perspectives, Bioenergy and Bioremediation for the Human Welfare	2	28	M.Sc. in any branch of Life Sciences/B.Tech/M.Tech in Biological Sciences with 55% marks
10		Animal Health and Management	Pharmaceuticals for Eco-friendly control of Life threatening Diseases of Animals	8		
11		Bioinformatics	Experimental and Computational Drug Discovery Studies for Life Threatening Diseases	12		
12		Botany	Biosynthesis and Phyto-Chemical Analytics for cancer and other diseases	3		
13		Oceanography & Coastal Area Studies	Conservation and Sustainable Development of Marine resources in Palk Bay to strength the biodiversity assessment, protection and conservation of the resources	3		

- ❖ Fellowship Rs.12,000/- per month.for one year (Likely to be extended for one more year).
- ❖ Preference will be given to the candidates with research experience in the relevant theme.