



MAHATMA GANDHI UNIVERSITY, KERALA

**Abstract**

Ph.D. Programme in Biosciences - 2023 Admission - Course Work Examination - Syllabus and Model Question Paper of Course Work Paper III - Approved - Orders Issued.

**ACADEMIC A 2 SECTION**

No. 4640/AC A 2/2024/MGU

Priyadarsini Hills, Dated: 01.06.2024

Read:-1. U. O. No. 12976/AC A2/2023/MGU dated 29.12.2023.

2. U. O. No. 432/AC A2/2024/MGU dated 12.01.2024.

**ORDER**

As per U O's cited (1) & (2), the following research scholars were granted registration for Ph.D Programme in Biosciences. The Syllabi and model question papers of Course work paper III, of the said scholars, prepared and submitted by the respective Research Supervisors, have been verified by the Director of Research and has recommended the same for approval.

The details are as follows:

Regn. No.	Name of the Scholar	Discipline	Name of Research Supervising Teacher	Name of the Research Centre	Title of Course Work Paper III	Mode of Research
MGUPHD 236747	Mohammed Raad Khalaf	Biochemistry	Dr. Jenny Jacob	School of Biosciences, MACFAST Thiruvalla	Diabets Mellitus: Endocrine and Pathophysiological Perspectives	Full Time
MGUPHD 236748	Mostafa Mohammed Atiyah	Microbiology	Dr. Smitha Vijayan	School of Biosciences, MACFAST Thiruvalla	MEDICAL MICROBIOLOGY & NANOTECHNOLOGY	Full Time
MGUPHD	Afaf Abdulkareem Abdullah	Microbiology	Dr. Smitha	School of Biosciences,	Impact of Natural Food Ingredients on Gut Microbiota and	Full Time

236749	Mohammed Al Sosowaa		Vijayan	MACFAST Thiruvalla	Organophosphate Pesticide Detoxification	
MGUPHD 236750	Faheem Quad Abdullrahman AL Mojahid	Microbiology	Dr. Teena Merlin (Guide) Dr. N Sharmila Devi (Co-guide)	School of Biosciences, MACFAST Thiruvalla	Medical Microbiology and Ayurvedic Medicine	Full Time
MGUPHD 231792	Ramlath Beegum L	Biochemistry	Dr. Treesa Varghese (Guide) Dr. Sam John (Co-guide)	School of Biosciences, MACFAST. Tiruvalla	INTERDISCIPLINARY PERSPECTIVES IN PHYTOCHEMISTRY AND NANOTECHNOLOGY	Part Time
MGUPHD 231798	Remina M Shajahan	Biosciences (Food Technology)	Dr. Mithilesh Jaiswal (Guide) Dr. Radhakrishnan E K (Co-guide)	ABTEC, Kottayam	Probiotics and its applications	Full Time
MGUPHD 231839	S Gayathri	Biosciences (Microbiology)	Dr. Keerthi T R	School of Biosciences, Mahatma Gandhi University	Exploration of silkworm gut microbiome and development of cost effective probiotic therapeutic strategy	Full Time
MGUPHD 231916	Riya Alex	Microbiology	Dr. Radhakrishnan E K	School of Biosciences, Mahatma Gandhi University	Plant microbe interactions and its applications	Full Time
MGUPHD	Brahmadath	Biosciences (Biochemistry)	Dr. Keerthi T R	School of Biosciences, Mahatma	Silk protein isolation, characterisation	Full Time

231980	N R			Gandhi University	and application in nanotechnology	
MGUPHD 232012	Muhsina Jaleel	Microbiology	Dr. Ally C Antony	MES College, Marampally	CLINICAL MICROBIOLOGY: IDENTIFICATION AND CHARACTRIZATION OF CLINICALLY SIGNIFICANT MICROORGANISMS, MICROBIAL DRUG RESISTANCE, TOXIGENIC GENES AND OTHER VIRULENCE FACTORS	Full Time
MGUPHD 232021	Shema Jacob	Biochemistry	Dr. Treesa Varghese (Guide) Dr. Smitha Vijayan (Co- guide)	School of Biosciences, MACFAST, Tiruvalla	PHYTOCHEMISTRY: AN APPROACH TO ANTIBIOTIC RESISTANCE	Part Time
MGUPHD 232042	Ardra A P	Biochemistry	Dr. Teena Merlin	School of Biosciences, MACFAST, Tiruvalla	Introduction of Diabetes Mellitus and Treatment Strategies	Full Time
MGUPHD 232345	Unnimaya M	Biosciences (Microbiology)	Dr. Jenny Jacob (Guide) Dr. Smitha Vijayan (Co- guide)	School of Biosciences, MACFAST, Tiruvalla	Microbial Pathology in Periodontics Understanding and Treatment Strategy	Part Time
		Biosciences	Dr. Linu Mathew	School of Biosciences, Mahatma	PHYTOCHEMICALS FROM EXTRACTION	Full Time

MGUPHD 232399	Mithuna K	(Biochemistry)	(Guide) Dr. Anie Y (Co- guide)	Gandhi University	TO DRUG DISCOVERY	
MGUPHD 232478	Aswathy A R	Biotechnology	Dr. R Jayashree	Rubber Research Institute of India, Kottayam	Development of binary vector for genetic transformation in rubber tree.	Full Time
MGUPHD 232805	Arsha Johns	Biochemistry	Dr. Smitha Vijayan (Guide) Dr. Teena Merlin	School of Biosciences, MACFAST, Tiruvalla	Nanotechnological Advancements in Anti-Obesity Therapy	Full Time
MGUPHD 232835	Jatheera K Jalam	Biochemistry	Dr. Ratheesh M	St. Thomas College, Pala	POLYHERBAL FORMULATIONS: A COMPREHENSIVE ANALYSIS OF THEIR POTENTIAL IN MANAGING MASTITIS AND MODULATING THE INFLAMMATORY SIGNALING CASCADE	Full Time
MGUPHD 232971	Parvathy R	Biotechnology	Dr. Keerthy T R	School of Biosciences, Mahatma Gandhi University	Bioactive profiling and genome analysis of marine microbes	Full Time
MGUPHD 233074	Hephzibah Murali	Biotechnology	Dr.M.B Mohamed Sathik (Guide) Dr. R Jayashree (Co- guide)	Rubber Research Institute of India, Kottayam	Molecular Physiology	Full Time

MGUPHD 233811	Parvathi K O	Biotechnology	Dr. Jini Joseph	St. Peter's College, Kolenchery	CANCER BIOLOGY AND DRUG DEVELOPMENT	Full Time
MGUPHD 233821	Bhoomika S	Biosciences (Biotechnology)	Dr. Anie Y (Guide) Dr. Linu Mathew (Co- guide)	School of Biosciences, Mahatma Gandhi University	Immunology and Biochemistry of Protein Citrullination	Full Time
MGUPHD 233857	Liz Maria Soni	Biosciences (Zoology)	Dr. Harikumaran Nair R	School of Biosciences, Mahatma Gandhi University, Kottayam	FUNCTIONAL BIOLOGY	Full Time
MGUPHD 234564	Nayana O V	Biochemistry	Dr. Vibin M	St. Albert's College, Ernakulam	MARINE BIOCHEMISTRY AND NANOTECHNOLOGY	Part Time
MGUPHD 236224	Indu Mathew	Microbiology	Dr. Sumi Mary George	Sree Sankara College, Kalady	Bacteriocins from Lactic Acid Bacteria	Full Time
MGUPHD 236251	Jiya Paul	Microbiology	Dr. Sumi Mary George	Sree Sankara College, Kalady	Antimicrobial Peptides from <i>Lactobacilli</i>	Full Time
MGUPHD 236252	Geena Jose	Biochemistry	Dr. Vibin M	St. Albert's College, Ernakulam	PLANT BIOCHEMISTRY AND NANOTECHNOLOGY	Part Time
MGUPHD 236525	Elizabeth Jacob	Biochemistry	Dr. Teena Merlin	School of Biosciences, MACFAST, Thiruvalla	AN INTRODUCTION TO INFLAMMATION AND TREATMENT	Part Time
				MES College,		

MGUPHD 236552	Elza John	Biosciences (Microbiology)	Dr. Nisha A	Marampally	Environmental Microbiology	Part Time
MGUPHD 236746	Jacqueline Joe	Biotechnology	Dr. Indu C Nair (Guide) Dr. Teena Merlin (Co- guide)	Shool of Biosciences, MACFAST, Tiruvalla)	MICROBIAL TECHNOLOGY	Full Time (CSIR-JRF)

Hence, the Professor in-charge-of the Vice-Chancellor has approved the Syllabi and Model Question Papers of Course Work Paper III, in respect of the research scholars, mentioned above.

Orders are issued accordingly

HEMA G NAIR

ASSISTANT REGISTRAR IV (ACADEMIC)

For REGISTRAR

Copy To

1. The Research Scholars concerned
2. The Research Supervising Teachers concerned
3. The Head of the Research Centres concerned
4. Director of Research
5. PS to the Vice-Chancellor
6. PA to Registrar
7. Ac A 14 Section
8. Records Section
9. Stock File
10. File No. 29288/AC A2-3/2024/AC A 2

Forwarded / By Order

Section Officer