



MAHATMA GANDHI UNIVERSITY, KERALA

**Abstract**

Ph. D. Programme in Mathematics - 2021 Admission - Syllabus of Course Work Paper III and Model Question Papers - Approved - Orders issued

**ACADEMIC A 2 SECTION**

No. 7113/AC A 2/2022/MGU

Priyadarsini Hills, Dated: 05.07.2022

Read:-1. Mahatma Gandhi University Ph. D. Regulations, 2016

2. U. O. No. 4053/AC A2/2022/MGU dated 20.04.2022

**ORDER**

The Vice Chancellor has approved the Course Work Paper III Syllabus and Model Question Papers to the below mentioned research scholars who were granted registration for research in the discipline of Mathematics, under the faculty of Science vide U. O read as (2) above.

Regn. No.& Year	Name & Address of the Research Scholar	Subject/ Specialization	Name of Supervising Teacher	Name of the Research Centre	Title of Research	Mode of Research
245/2021	Bobin George Kalambukat (H) Mullapuzhachal P. O Vazhakulam Ernakulam Pin - 686 670	Mathematics	Dr. Rajesh K Thumbakara	Mar Athanasius College, Kothamangalam	Studies on Soft Graphs	Part Time
246/2021	Jlnta Jose Kalambukat (H) Mullapuzhachal P. O Vazhakulam Ernakulam Pin - 686 670	Mathematics	Dr. Rajesh K Thumbakara	Mar Athanasius College, Kothamangalam	Soft Directed Graphs	Full Time
247/2021	Viji George Nambiaparambil- Pallathu (H) Madakkathanam P. O Ernakulam Pin - 686 670	Mathematics	Dr. Rajesh K Thumbakara	Mar Athanasius College, Kothamangalam	A STUDY ON ROUGH GRAPHS AND ROUGH DIGRAPHS	Full Time
248/2021	Preethi Elsi Thomas Kocheril House Nedunkunnam P. O Karukachal Kottayam Pin - 686 542	Mathematics	Dr. Beena Koshy	Catholicate College, Pathanamthitta	A study on total colouring of graphs	Part Time

249/2021	Deepa Susan Oommen Kulathin Karottu House Manakala P. O Adoor Pin - 691 551	Mathematics	Dr. Beena Koshy	Catholicate College, Pathanamthitta	STUDY ON SPECTRAL ANALYSIS AND ALLIED AREAS OF SIGNED GRAPHS	Part Time
250/2021	Rogin Alex George Kandamalur Rose Villa Pannivizha Adoor P.O Pathanamthitta Pin - 691 523	Mathematics	Dr. Beena Koshy	Catholicate College, Pathanamthitta	STUDY ON GRAPHS GENERATED FROM ALGEBRAIC STRUCTURES	Part Time
251/2021	Liny Mariam Mathew Kuzhivelil Karamala P. O Poovakulam Kottayam Pin - 686 662	Mathematics	Dr. Beena Koshy	Catholicate College, Pathanamthitta	STUDY ON HOM IDEMPOTENCY AND OTHER PROPERTIES OF GRAPHS ARISING FROM ALGEBRAIC STRUCTURES	Part Time
252/2021	Priya Philip Kannammanal House Kurichithanam P. O Kottayam Pin - 686 634	Mathematics	Dr. Latha S Nair	Mar Athanasius College, Kothamangalam	STUDIES ON REGULAR FUZZY GRAPHS	Full Time
253/2021	Athira Divakaran Maroorthekkethil (H) Pachady P. O Nedumkandam Idukki Pin - 685 553	Mathematics	Dr. Latha S Nair	Mar Athanasius College, Kothamangalam	Studies on the Maker-Breaker Domination game	Full Time
254/2021	Nasreen A SNRSRA - 4 Sree Narayana Cross Road Elamakkara P. O Ernakulam - 682 026	Mathematics	Dr. Latha S Nair	Mar Athanasius College, Kothamangalam	Application of Fuzzy sets in Semigroups	Part Time

255/2021	Anila Peter Poathanikattu (H) Kallarkutty P. O Mankadavu Idukki Pin - 685 562	Mathematics	Dr. Latha S Nair	Mar Athanasius College, Kothamangalam	STUDY ON LATTICE VECTOR SPACES AND LATTICE MATROIDS	Full Time (MANF)
256/2021	Jyothis K Mohan Kizhakkekanjiramthottiyil (H) Kattachira Kottayam Pin - 686 572	Mathematics	Dr. Sheeja T K	Maharajas College Ernakulam	A STUDY OF CONVERGENCE IN FUZZY SPACES AND ITS GENERALIZATIONS	Full Time (CSIR - JRF )
257/2021	Megha Rose Manoj Puliyirickumthadam (H) Kaduthuruthy P. O Kottayam Pin - 686 604	Mathematics	Dr. Ullas Thomas	S. B College, Changanacherry	A STUDY ON HARMONIC ANALYSIS AND ITS APPLICATIONS	Full Time
258/2021	Pratheesh Mathew Nambiaparambil- Pallathu (H) Madakkathanam P. O Muvattupuzha Ernakulam Pin - 686 670	Mathematics	Dr. Madhavan Namboothiri N M	St.Thomas College, Pala	Some problems related to structured frames and operators	Part Time
259/2021	Bobina J Mattam Padinjarakathu (H) Kaloor P. O Kalloorkad Muvattupuzha Ernakulam Pin - 686 668	Mathematics	Dr. K P Jose	St. Peter's College, Kolenchery	A STUDY ON QUEUEING INVENTORY SYSTEMS WITH PERISHABLE ITEMS	Full Time
260/2021	Binumon Joseph Athirithimukkil House Pannimattom P. O Thodupuzha Idukki Pin - 685 588	Mathematics	Dr. K P Jose	St. Peter's College, Kolenchery	A STUDY ON QUEUEING INVENTORY SYSTEMS WITH INTERRUPTION	Part Time

261/2021	Tinjumol Mathew Kavukattu (H) Karumannu P. O Kottayam Pin - 686 651	Mathematics	Dr. Bobby P Mathew	St.Thomas College, Pala	SOME STUDIES ON INTERVAL SETS	Part Time
262/2021	Nathasha Baby 1/554/D Poomthuruthil (H) Palachuvadu Kakkanadu P. O Kochi - 682 030	Mathematics	Dr. Pramada Ramachandran	St. Alberts College, Ernakulam	Some Studies on Domination in Graphs	Full Time
263/2021	Surya S Metteyil House Muthukulam North Choolatheruvu P. O Alappuzha Pin - 690 506	Mathematics	Dr. Pramada Ramachandran	St. Alberts College, Ernakulam	A STUDY ON SPECTRAL GRAPH THEORY	Full Time
264/2021	Rachel Paul Kaithottungal (H) Changampuzha Nagar P. O Unichira Pin - 682 033	Mathematics	Dr. Pramada Ramachandran	St. Alberts College, Ernakulam	Some Studies on Graph Theory in Computer Networking	Part Time
265/2021	Nisha V M Poothullil House Kathrikadavu St. Francis Xavier Church Road Kaloor Ernakulam Pin - 682 017	Mathematics	Dr. Manju K Menon	Mahraja's College, Ernakulam	A Study on the Spectrum and Energy of Some Graphs	Part Time

Orders are issued accordingly

GOPALAKRISHNAN M N

ASSISTANT REGISTRAR IV (ACADEMIC)  
For REGISTRAR

Copy To

1. Research Scholar concerned
2. Research Supervising Teacher concerned
3. Head of the Research Centre concerned
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Section Officer

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