



Mahatma Gandhi University
(Abstract)

Ph.D Programme in Mathematics- 2018 Admission - Registration for Research - granted - Orders Issued.

ACADEMIC A II SECTION

U.O.No.8631/4/2018/Academic/AII

Dated, Priyadarsini Hills, 11.12.2018

- Read: 1. UGC (Minimum Standards and Procedure for Award of M.Phil/Ph.D Degrees) Regulations, 2016
2. U.O.No.448/A X/3/2017/Academic dated 24.01.2017
3. Notification No.Ac AX/Gen./Ph.D Regn./N&A/2018 dated 30.06.2018
4. U.O.No.7038/2018/AX/Gen/Academic Dated 04.09.2018
5. Minutes of the meeting of the Doctoral committee held on 09.11.2018

ORDER

Sanction has been accorded by the Vice Chancellor to grant registration for research in the Discipline of Mathematics under the faculty of science to the following candidates in accordance with the references cited above.

Reg. No & Year	Name & Address of the research scholar	Subject/ Specialisation	Name of the supervising teacher	Centre of Research	Title of research	Mode of research
114/ 2018	Beena G.P Puthumana, Thekkil Chanappara P.O, Kadakkal Kollam (Dist)	Mathematics	Dr.A.K.Anil Kumar	Vikram Sarabhai Space Centre, Trivandrum	Innovative Time Series Approaches to Modeling and Prediction of Some Astrophysical Parameters	Part Time
115/ 2018	Sreedevi V.S. Vadakkumal Chandrikalayam S.H.M.P.O, Kottayam – 686 006	Mathematics	Dr.Bloomy Joseph	Marthoma College, Thiruvalla	Studies in L- Fuzzy graphs	Full Time
116/ 2018	P.R.Neethu W/o Manu Mohan Sreenilayam, Vikas Nagar, Parakatt Temple Road, Thrikkakara P.O Pin – 682 021	Mathematics	Dr.Bloomy Joseph	Marthoma College, Thiruvalla	Generalized Fuzzy Absolutes	Full Time

117/ 2018	Sreeraj K.S Sivakripa (H) Chendamangalam P.O., North Paravur Pin – 683 512	Mathematics	Dr.Indulal G	Marthoma College, Thiruvalla	A Study on the Spectra of Graphs Associated with Finite Groups	Part Time
118/ 2018	Jinu Mary Jameson Kalarickal Edinjillam Perumthuruthi P.O., Thiruvalla- 689 107	Mathematics	Dr.Indulal G	Marthoma College, Thiruvalla	A Study on the Normalized Laplacian Spectra of Graphs	Part Time
119/ 2018	Deena C. Scaria Athirickal Kavumbhagom P.O Thiruvalla Pathanamthitta Pin – 689 102	Mathematics	Dr.Indulal G	Marthoma College, Thiruvalla	A Study on the Spectrum and Spectral Related Parameters of Graphs	Part Time
120/ 2018	Liju Alex Olickal (H) Karikayam P.O Chittar Pathanamthitta Pin – 689 663	Mathematics	Dr.Indulal G	Marthoma College, Thiruvalla	A Study on the Topological Indices of Some Classes of Graphs	Part Time
121/ 2018	Jini Johny C.J Chakkalakkal (H) Kumbalangi P.O Cochin – 682 007	Mathematics	Dr.Indulal G	Marthoma College, Thiruvalla	A Study on the Spectra of Directed Graphs	Full Time
122/ 2018	Ligin P Mathew Parappattu (H) Thonnamala P.O., Pathanamthitta Pin – 689 668	Mathematics	Dr.Lovelymol Sebastian	St.Thomas College, Pala	Theory and Applications of Integral Equations: A Fuzzy Approach	Part Time
123/ 2018	Priya Mathews Porappattu (H) Thonnamala P.O., Naranganam Pathanamthitta Pin – 689 668	Mathematics	Dr.Lovelymol Sebastian	St.Thomas College, Pala	Mathematical Computation and Modelling Using Differential Equations In Fuzzy Environment.	Part Time
124/ 2018	Divya Mol K.T Kallarackal (H) Chakkupallam P.O., 6 th Mile, Kumily Pin – 685 509	Mathematics	Dr.Lovelymol Sebastian	St.Thomas College, Pala	Complex Fuzzy sets and Complex Fuzzy Matrices	Full Time

126/ 2018	Eldo Varghese Pandamkuzhiyil (H) Kadepilly Road U C College P.O Aluva – 683 102	Mathematics	Dr.Madhavan Namboothiri N.M.	St.Thomas College, Pala	A Study on the Linear Algebraic aspects of Language Theory	Part Time
127/ 2018	Ajo Jose Thekkummoottil (H) N.R.City P.O., Rajakkadu, Idukki Pin – 685 566	Mathematics	Dr.Madhavan Namboothiri N.M.	St.Thomas College, Pala	Some problems on discrete flows and lattices	Full Time
128/ 2018	Deepa S Aswathy Variem Road Thiruvankulam P.O. Ernakulam–682 305	Mathematics	Dr.Paul Isaac	Bharata Mata College, Thrikkakara	A Study on Algebraic Structures of Complex Fuzzy Sets	Full Time
129/ 2018	Aiswarya S.Sasidharan C/o Sreedev Chandran Chirakkarakuzhiyil, Chempilavu, Kottayam – 686 584	Mathematics	Dr.Sabu M C	St.Albert's College, Ernakulam	Study of Strong gravitational field using Einstein's field equations	Full Time
130/ 2018	Jeet Kurian Mattam Mattathil Neelakattu (H) Kurianad P.O., Monipally (Via) Kottayam – 686 636	Mathematics	Dr.Sabu M C	St.Albert's College, Ernakulam	A Study on Mathematical models Representing Space Times of Gravitational Significance	Part Time
131/ 2018	Sini P.D W/o Abhinandhuh Moothedan Meloora P.O., Thrissur- 680 311	Mathematics	Dr.Sabu M C	St.Albert's College, Ernakulam	Secured Cryptographic Encryption Algorithms	Part Time
132/ 2018	Christy P Antony Pathiparambil (H) Mukkattupady Thrickodithanam P.O., Changanacherry Pin – 686 105	Mathematics	Dr. Shine C Mathew	S.B College, Changanache rerry	A Study on Graphs associated with Commutative Rings	Full Time
133/ 2018	Anju Thomas Plathottam (H) Nadackal P.O., Erattupetta Pin – 686 121	Mathematics	Dr.Shiny Jose	St.Thomas College, Pala	Application of Intuitionistic Fuzzy set Theory in Optimization Techniques	Full Time

134/ 2018	Josna James Kottarathil (H) Thidanadu P.O Thanninal, Kottayam Pin – 686 123	Mathematics	Dr.Shiny Jose	St.Thomas College, Pala	Intuitionistic Fuzzy Approach in Optimization Techniques and Graph Theory	Full Time
135/ 2018	Jeswin B George Komarathakunnel (H) Moonnilavu P.O. Kottayam (Dist) Pin – 686 586	Mathematics	Dr.Shiny Jose	St.Thomas College, Pala	Some Applications of Intuitionistic Fuzzy Set Theory	Full Time
136/ 2018	Afshan RDS Nedungadan 9 C St.Benedict Road North P.O., Kacheripady Pin – 682 018	Mathematics	Dr.Shiny Jose	St.Thomas College, Pala	A Study on Intuitionistic Fuzzy logic and its applications	Part Time
137/ 2018	Johnson Abraham Nellikunnel, Mutholy P.O., Kottayam (Dist) Pin – 686 573	Mathematics	Dr.Shiny Jose	St.Thomas College, Pala	Modelling of Networks Using Graph Theory	Part Time
138/ 2018	Tessymol Abraham Machiyannickal (H) Edamattom P.O., Kottayam Pin – 686 578	Mathematics	Dr.Shiny Jose	St.Thomas College, Pala	A Study on Graph Labeling and It's Applications	Part Time
139/ 2018	Merin Jose Punchathazhathu (H) Santhigiri Residency Podimattam, Palampra P.O. Koovapally Pin – 686 518	Mathematics	Dr.Sunil C Mathew	St.Thomas College, Pala	A Study on LM-Fuzzy Topologies and Related Topics	Full Time
140/ 2018	Bilu Miriam Baby Valiyavila Baby Bhavan Karukone P.O., Puthayam Anchal, Kollam Pin – 691 324	Mathematics	Dr.Varghese C Joshua	CMS College, Kottayam	Mathematical Analysis and Optimisation of Some Queueing Inventory Models by Search of Customers	Full Time
271/ 2018	Jeena M S Melpallikudi (H) Poopara P.O Idukki District Pin – 685 619	Mathematics	Dr.Lovelymol Sebastian	St.Thomas College, Pala	Fixed Point Theorems in Various Metric Spaces	Full Time

The candidates have to report to the Research Centre immediately and shall undergo the course work which commences on 1st January 2019 (if not a holiday) which is applicable to the part-time research scholars too, irrespective of their joining in spells. However, in the case of candidates having scholarships like JRF/MANF etc., the effective date of registration will be the date of joining in the research centre.

The registration will be confirmed only after the successful completion of course work.

The maximum and minimum period of research is as per University Grants Commission (Minimum Standards and Procedure for Award of M.Phil/Ph.D Degrees) Regulations, 2016.

Order are issued accordingly.

Sd/-
Baiju N
Assistant Registrar IV (Academic)
For Registrar

Copy to:

- (1) The candidates concerned
- (2) The Guides concerned.
- (3) The Head of the Research Centre concerned
- (4) The Director of Research
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Section Officer

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