

MAHATMA GANDHI UNIVERSITY

No.EB X/Ph.D/268/2021

Date: 06 /12/2021

NOTIFICATION

Sub:- Awarding of Ph.D Degree –reg.

Ref:- Minutes Item No. O.A. 01/21.05 of the Meeting of the Syndicate held on 20.11.2021.

It is hereby notified that the Syndicate of Mahatma Gandhi University, at its meeting held on 20.11.2021, vide Minutes Item No. O.A. 01/21.05 resolved to award the Degree of Doctor of Philosophy to the following candidates on the basis of the research thesis submitted by them, as detailed below.

No.	Name & Address of the Research Scholar	Name & Address of the Supervising Teacher	Subject/ Faculty	Title of Thesis	Date of Viva-Voce	Research Centre
1	Smt.Sruthi P.R Pambingal House Kaiparambu P.O. Thrissur-680 546	Dr. S. Anas Assistant Professor, School of Chemical Sciences Mahatma Gandhi University Kottayam	Chemistry / Science	Synthetic Explorations of Acrylic Compounds and Acrylonitrile Derived Polymers towards the Formation of Carbo/Heterocycles and its Applications	08.09.2021	School of Chemical Sciences, Mahatma Gandhi University, Kottayam.
2	Smt. Divya S.L Mavuvila H.No.CC29/1986C St.Antony Road, Thykoodam Vyttila P.O, Ernakulam- 682 019	Dr. Bloomy Joseph Associate Professor Dept.of Mathematics Maharaja's College Ernakulam	Mathematics / Science	Application of Fuzzy Sets in food Product Quality Control	08.09.2021	Marthoma College, Thiruvalla Changed to Maharajas College Ernakulam. (as per U.O. No. 2622/Ac AVI/ 2019/MGU. Dated 15.06.2019)
3	Smt. Marin Jose Pandarakappil, Muttuchira P.O, Koduthuruthy, Kottayam - 686 613	Dr. P.J. Jacob (Former Director & Dean) Professor (Retd) School of Pedagogical Sciences, Mahatma Gandhi University, Kottayam - 686 560	Education/ Education	Effectiveness of E-Learning based Strategy on Oral Communicative Competencies, Digital Self-Efficacy, and Achievement in English of Students at Secondary School Level	02/09/2021	School of Pedagogical Sciences, Mahatma Gandhi University, Kottayam.

No.	Name & Address of the Research Scholar	Name & Address of the Supervising Teacher	Subject/ Faculty	Title of Thesis	Date of Viva-Voce	Research Centre
4	Smt.Reshmi P.S Pulickalettu Kattampack P.O, Kottayam-686 612	Dr.K.P.Jose Associate Professor & Research Supervisor St.Peter's College,Kolenchery Ernakulam-682 311	Mathematics / Science	STOCHASTIC QUEUEING INVENTORY SYSTEMS WITH PERISHABLE ITEMS	15.09.2021	St.Peter's College, Kolenchery
5	Smt. Manuja M Sreevihar Poochakkal P.O Cherthala, Alappuzha - 688 526	Dr. Gijo Jose Assistant professor Department of Physics S.B. College, Changanassery. <u>Co-guide</u> Dr. K.C George Associate Professor (Retd) Dept. of Physics S.B College, Changanassery - 686 101	Physics / Science	Structural and Electrical properties of hydrated form of Tungsten trioxide and its applications as energy storage devices	09/09/2021	St. Berchmans College, Changanassery.
6	Smt. Shanifa Beevi S. Karippuram Apartments Collectorate P.O Kottayam	Dr. Vincent G Associate Professor Department of Electrical Engineering RIT, Kottayam.	Electrical Engineering / Engineering & Technology.	Theoretical and Experimental Studies on Irradiance Estimation and MPPT Techniques for PV Systems Under Non-uniform Operating Conditions	09/09/2021	Rajiv Gandhi Institute of Technology, Kottayam.
7	Sri.Johnson Mathew Veetickal House, Ottalloor. P.O, Karimkunnam, Idukki	Dr. Vincent G Associate Professor Department of electrical Engineering RIT , Kottayam.	Electrical Engineering / Engineering and Technology	MODEL BASED MAXIMUM POWER EXTRACTION TECHNIQUES FOR PHOTOVOLTAIC SYSTEMS OPERATING UNDER PARTIALLY SHADED CONDITION	26/08/2021	Rajiv Gandhi Institute of Technology, Kottayam.

No.	Name & Address of the Research Scholar	Name & Address of the Supervising Teacher	Subject/ Faculty	Title of Thesis	Date of Viva-Voce	Research Centre
8	Smt. Karthika S Kuzhippaniyil House Veliyannoor P.O Kottayam- 686 634	Dr. Jisha M.S Professor School of Biosciences Mahatma Gandhi University Kottayam	Biosciences(Botany) / Science	Defense elicitation by plant probiotic <i>Bacillus</i> spp. against Fusarium wilt of tomato	20.09.2021	School of Biosciences, Mahatma Gandhi University, Kottayam.
9	Sri.Sunny K George Karunnattu House, Puthuppady P.O, Muvattupuzha, Ernakulam - 686 673.	Dr.Shajan Kuriakose, Research Guide in Mechanical Engineering Dept. Mar Athanasius College of Engineering, Kothamangalam	Mechanical Engineering / Engineering and Technology	INVESTIGATION OF MULTI OBJECTIVE OPTIMIZATION METHODS FOR MACHINE DESIGN APPLICATIONS	01/10/2021	Mar Athanasius College of Engineering, Kothamangalam
10	Sri. Sunilkumar M.O. Mele Ottappilakkal Mavoor - Kozhikode Kerala - 673 661	Dr. V. Reghu Professor, Head and Dean (Rtd.) Rajiv Gandhi Institute of Youth Development Govt. of India	Education/ Education	DEVELOPMENT OF TEACHING LEARNING STRATEGIES IN ART EDUCATION FOR SECONDARY SCHOOL STUDENTS OF KERALA	15/09/2021	School of Pedagogical Sciences, Mahatma Gandhi University, Kottayam.
11	Smt.Ambily Jose Edapparambil Kadalmad P.O Wayanad 673 581	Dr. Sebastian George Research Supervisor in Statistics Dept.of Statistics St.Thomas College, Palai	Statistics / Science	Some Generalizations of Poisson Hidden Markov Model and their Applications in Epidemiological Studies	24.09.2021	St.Thomas College, Pala
12	Smt. Umadevi K.S. Kaippilly Mana Thottippal P.O. Thrissur - 680 310	Dr. V.P. Joseph Associate Professor Head of the Post Graduate & Research Dept. of Physics Christ College, Irinjalakuda.	Physics(Electronics) / Science	Resonant Properties of Flexible Split Ring Resonator Metamaterial Structures for Different Structural and Dielectric Parameters	17/09/2021	Newman College, Thodupuzha

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13	Sri. Ambady K.G. Kozhiparambil House P.O. Kaipmangala Beach Thrissur - 680 681.	Dr. P.S. Sukumaran Professor in Special Education School of Behavioural Sciences Mahatma Gandhi University Kottayam.	Special Education/ Behavioural Sciences	DEVELOPING A PACKAGE FOR CURRICULUM ADAPTATION IN THE ACADEMIC ACHIEVEMENT OF STUDENTS WITH INTELLECTUAL DISABILITY IN INCLUSIVE EDUCATION SYSTEM	01.09.2021	School of Behavioural Sciences Mahatma Gandhi University, Kottayam.
14	Smt. Linu Babu Muttathukara Puthenchantha P.O. Vakathanam, Kottayam - 686 538.	Dr. A.P. Pradeepkumar Professor Department of Geology University of Kerala Thiruvananthapuram - 695 581 <u>Co-guide</u> Dr. Mahesh Mohan Assistant Professor School of Environmental Sciences Mahatma Gandhi University Kottayam.	Environmental Science / Environmental & Atmospheric Sciences	Geochemistry and Mineralogy of Regolith Developed Over Precambrian Rocks under Tropical Monsoonal Climate in Kerala, India	20.09.2021	School of Environmental Sciences Mahatma Gandhi University, Kottayam.
15	Smt. Tintu Jose Manicketh I - 409/P, Manicketh House Thuthiyoor, CSEZ P.O. Kakkanad, Cochin - 682 037.	Dr. M.S. Francis Former Head of the Dept. of Botany Sacred Heart College Thevara, Kochi - 682 013.	Botany/ Science	Extraction and Applications of Natural Dyes from Selected Plants	14.09.2021	Sacred Heart College, Thevara

No.	Name & Address of the Research Scholar	Name & Address of the Supervising Teacher	Subject/ Faculty	Title of Thesis	Date of Viva-Voce	Research Centre
16	Smt. Roshini Susan Elias Nedumgottumala Puthenparambil, South Pampady P.O., Kottayam - 686 521.	Dr. Abraham Samuel K. Research Guide Tropical Institute of Ecological Sciences Associate Professor, Dept. of Zoology CMS College, Kottayam.	Environmental Sciences / Environmental & Atmospheric Sciences	Effect of microbial inoculum on the physico-chemical and biological processes during organic waste composting	28.06.2021	Tropical Institute of Ecological Sciences, Velloor P.O., Pampady
17	Smt. Latha C.M. Nediyaparambu Mana Venkitangu P.O. Thrissur - 680 510.	Dr. E. Sandhya Associate Professor Dept. of Statistics Prajyothi Nikethan College Pudukkad, Thrissur	Statistics / Science	Distributional and Reliability Aspects of Generalized Discrete Compound Geometric Distributions	06.10.2021	St.Thomas College, Pala
18	Sri. Fijo Jose K. Kuttikattu (H) Veluthur P.O. Thrissur - 680 016.	Dr. Thomaskutty Mathew Research Guide in Electronics College of Technology & Applied Sciences Edappally, Kochi - 682 024.	Electronics/ Technology & Applied Sciences	Development of Novel RFID Tags Based on Modified Dipoles and Corner Reflectors for Improved Performance	29.09.2021	STAS, Edappally

No.	Name & Address of the Research Scholar	Name & Address of the Supervising Teacher	Subject/ Faculty	Title of Thesis	Date of Viva-Voce	Research Centre
19	Smt. Sharon Susan Jacob Kulangara Thundiyl Punnackadu P.O Kozhencherry, Pathanamthitta Pin: 689 652	Dr. R Vijayakumar Professor (Rtd) School of Computer Sciences Mahatma Gandhi University Kottayam.	Computer Science & Engineering / Engineering & Technology	DEVELOPMENT OF INTELLIGENT METHODS FOR SENTIMENT ANALYSIS OVER UNSTRUCTURED BIGDATA	18/10/2021	School of Computer Sciences, Mahatma Gandhi University, Kottayam.
20	Smt. Sreekala S. Sharma 36/1424(1) Edayavanathu Madom J.P.Nagar, West Fort Vallakkadavu P.O Thiruvananthapuram- 695008	Dr.Shiny Palatty Associate Professor & Research Guide Department of Chemistry Bharata Mata College Thrikkakara, Kochi	Chemistry / Science	Binary and Ternary composites of Polyaniline for electrochemical and energy storage applications	12.10.2021	Bharata Mata College, Thrikkakara
21	Smt. Sonia Anna Zachariah Pulinthitta House Near Mooloor Junctin Elavumthitta P.O. Pathanamthitta - 689 625.	Dr. Scaria K. Varghese Associate Professor Department of Botany St. Berchmans College (Autonomous) Changanassery - 686 101.	Botany/ Science	Diversity and Distribution of Macrolichens in Pathanamthitta District, Kerala	07.10.2021	S.B College, Changanacherry.
22	Smt. Thasni Ali Ambazhathil House Marottichode Edappally P.O., Kochi - 682 024.	Dr. Mathew J. Manimala Research Guide Rajagiri College of Social Sciences Kalamassery, Kochi	Management Studies/ Management Sciences	IMPACT OF WORK-LIFE BALANCE ON WOMEN EMPLOYEES: A STUDY ON IT SECTOR IN KERALA	12.10.2021	Rajagiri College of Social Sciences, Kalamassery

No.	Name & Address of the Research Scholar	Name & Address of the Supervising Teacher	Subject/ Faculty	Title of Thesis	Date of Viva-Voce	Research Centre
23	Smt. Manju Gopinath R.J Ramavilas Ulunthy, Peringalipuram P.O Ennakkadu - 689 624	Dr. N.V Unnikrishnan Visiting Professor School of Pure & Applied Physics, Mahatma Gandhi University, Kottayam.	Physics / Science	Structural and Spectroscopic Studies of Sol-Gel Derived Hybrid ORMOSIL Materials	20.10.2021	School of Pure & Applied Physics, Mahatma Gandhi University, Kottayam.
24	Sri. Pratheesh G. Panicker Kollamparambil Padeettathil Nangiarkulangara P.O Alappuzha - 690 513	Dr.Shajan Kuriakose Research Guide in Mechanical Engineering Dept. Mar Athanasius College of Engineering, Kothamangalam - 686 666	Mechanical Engineering/ Engineering and Technology	PARAMETER OPTIMIZATION OF SQUEEZE CASTING PROCESS USING LM20 ALLOY: NUMERAL ANALYSIS BY NEURAL NETWORK AND MODIFIED COEFFICIENT - BASED DEER HUNTING OPTIMIZATION	22/10/2021	Mar Athanasius College of Engineering, Kothamangalam
25	Smt. Leena C Sekhar Lakshmi Nivas, Vymeethi, Thrippunithura, Ernakulam - 682 301	Dr. R. Vijayakumar Professor (Retd) School of Computer Sciences Mahatma Gandhi University Kottayam - 686 560.	Computer Science / Science	Swarm Intelligence Based Approaches to Feature Selection	21/10/2021	School of Computer Sciences, Mahatma Gandhi University, Kottayam.
26	Smt. Manju Krishnan Vettathu, Adinadu North P.O. Karunagappally, Kollam - 690 542.	Dr. Madhukumar G. Research Guide Department of Zoology N S S Hindu College Changanacherry.	Zoology/ Science	Anatomy and Histology of Etroplus Maculatus (Bloch)	27.09.2021	N S S Hindu College, Changanacherry.
27	Smt. Shahna K.U Kakkat (H) Mannanam P.O North Paravoor Ernakulam - 683 520	Dr. Anuj Mohamed Professor School of Computer Sciences, Mahatma Gandhi University Kottayam.	Computer Science / Science	Efficient Image Encryption Techniques Using Chaotic Maps	25/10/2021	School of Computer Sciences, Mahatma Gandhi University, Kottayam.

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28	Smt. Shyama K.R. Kandasseril, 139 AKG Nagar Peroorkada, Thiruvananthapuram - 695 005.	Dr. K. Omanakutty Secretary-cum-Director Sangeetha Bharathi Thycaud, Thiruvananthapuram.	Music/ Fine Arts	Life and Contributions of Chembai Vaidyanatha Bhagavatar	22.10.2021	Sangeetha Bharathi, Thiruvananthapuram.
29	Smt. Ansiya Eshack Flat 4B, Regal Royale Behind Kaloor Stadium Kaloor, Kochi - 682 017.	Dr. S. Krishnakumar Research Supervising Teacher in Electronics School of Technology and Applied Sciences Regional Centre: Edappally Kochi -24.	Electronics/ Technology and Applied Sciences	Pipelining strategies for VLSI low power consumption designs	29.10.2021	School of Technology and Applied Sciences, Edappally
30	Smt. Aswathy K.S Kanakaparampil (H) Kangazha P.O Pathanadu Kottayam - 686 541	Dr. P.J. Jacob (Former Director & Dean) Professor (Retd) School of Pedagogical Sciences, Mahatma Gandhi University, Kottayam - 686 560.	Education/ Education	Effectiveness of Technological Pedagogical and Content Knowledge Based Strategy on Academic Stress, Science Attitude and Achievement in Physics of Students at Secondary Level	26/10/2021	School of Pedagogical Sciences, Mahatma Gandhi University, Kottayam.
31	Smt. Manu Rani Paul Manjakunnel House Payappar P.O. Anthinadu, Pala Kottayam - 686 651	Dr. Jose D. Kaippallil Research Supervisor Department of Zoology St. Berchmans College Changanassery.	Zoology/ Science	Biomonitoring of Pamba River in Kerala, India Using Aquatic Insects as Indicators	26.10.2021	S.B. College, Changanacherry.
32	Smt.Jismi Mathew Thakadiyel Poonjar South P.O Kottayam 686 582	Dr. Sebastian George Research Supervisor in Statistics Dept.of Statistics St.Thomas College, Palai	Statistics / Science	A Study on weighted distributions and their application in biomedical Research	03.11.2021	St.Thomas College, Pala

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33	Smt. Saju Daniel Bunglow Parambil House Canal Ward Alappuzha- 688 007	Dr.A.S.Padmanabhan Professor (Retd) School of Chemical Sciences, Mahatma Gandhi University, Kottayam. (Guide change) <u>Co-guides</u> 1.Prof. (Dr.) Sabu Thomas Vice Chancellor Mahatma Gandhi University Kottayam. 2.Dr.Nandakumar Kalarikkal Professor International and Inter University Centre for Nanoscience and Nanotechnology Mahatma Gandhi University, Kottayam.	Chemistry / Science	Multifunctional Natural Rubber/Stearic acid modified Mg-Al Layered Double Hydroxide/Multi walled Carbon Nanotube Hybrid Bio Nanocomposites	30.10.2021	International and Inter University Centre for Nanoscience and Nanotechnology, Mahatma Gandhi University, Kottayam.
34	Smt. Neethu Theresa Willington Kalarickal House Amalagiri P.O Kottayam - 686 561	Dr. Ninan Sajeeth Philip Associate Professor Dept. of Physics St. Thomas College Kozhenchery	Physics / Science	Studies on Some Plasma Waves in a Multi-ion and Dusty Plasma Cometary Environment	05/11/2021	St. Thomas College, Kozhenchery.
35	Smt. Babitha D. Yamuna, Chamravattam P.O., Malappuram. ("Sreepadam" Padinjattakkara P.O. Thevalakkara, Kollam- 690 524.)	Dr. Kumari Valsala Reader (Rtd.) Department of Music Maharaja's College Ernakulam	Music/ Fine Arts	A Study of the Musical Contributions of Cherthala R. Gopalan Nair to Carnatic Music	29.10.2021	Sangeetha Bharati, Thiruvananthapuram

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36	Smt. Manju Bhaskar Krishnaprasadam, Anandnagar, Vadacode P. O., Kangarappady, Kochi - 682 021.	Dr. Thomaskutty Mathew Research Guide, STAS, Edappally, Kochi	Electronics / Technology and Applied Sciences	Design and Development of Fractal Based Microstrip Filters for Wireless Communication Applications	02.11.2021	STAS, Edappally.
37	Sri. Kiran Kumar E. Uthram Chilavanoor Road 28/2577, Kadavanthra P.O. Ernakulam. (2A NJK, Narayaneeyam Appartments, Ernakulam-682036)	Dr. T. J. James Associate Professor (Rtd.) Department of Zoology Coordinator, Dept. of Environmental Science Sacred Heart College, Ernakulam	Zoology/ Science	The study of Antioxidant activity of Moringa oleifera and Leucas aspera flowers <i>in vitro and in vivo</i>	08.11.2021	Sacred Heart College, Thevara
38	Sri. Vijo Thomas Kurien Kottacheril Aymanam P.O. Kottayam - 686 015 (Valaththukizhakkethil House, Manganam P.O., Kottayam-686018)	Prof. (Dr.) A.P. Thomas Director (Rtd.) School of Environmental Sciences Mahatma Gandhi University, Kottayam.	Environmental Science (Zoology)/ Environmental and Atmospheric Sciences	A study on soil respiration in selected land-use systems from a climate change perspective	09.11.2021	School of Environmental Sciences Mahatma Gandhi University, Kottayam.

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39	Sri.Sinu Lal T.S Mankattu Thazhevila Veedu ETC P.O Kadamkulam, Kottarakkara Kollam- 691 531	Dr.Varghese C.Joshua Research Supervisor & Principal CMS College,Kottayam	Mathematics / Science	Design and Control of Next Generation Networks by Queueing Theory	09.11.2021	CMS College, Kottayam
40	Smt.Honey Chandran C Chundakkattumalayil Valakom Ernakulam- 682 316.	Dr. Keerthi T.R. Professor in Biotechnology School of Biosciences Mahatma Gandhi University Kottayam	Biotechnology / Science	BENEFICIAL AND HEALTH PROMOTING EFFECTS OF LACTIC ACID BACTERIA FROM HONEY BEE GUT	17.11.2021	School of Biosciences, Mahatma Gandhi University, Kottayam.
41	Smt. Remya Paul Palatty Koonathan (H) Thuravoor P.O Angamaly Ernakulam- 683 572	Dr. J.K.Mukkadan Research Director Little Flower Medical Research Centre Angamaly- 683 572	Physiology / Science	Modulation of physiological and biochemical parameters by controlled vestibular Stimulation in prediabetes and Type 2 diabetes mellitus	10.11.2021	Little Flower Medical Research Centre, Angamaly, Ernakulam District
42	Smt. Laigi Joseph Perumballil (H) Karoor P.O. Near Boys Town, Pala Kottayam - 686 574.	Dr. Syllas V.P. Assistant Professor School of Environmental Sciences Mahatma Gandhi University Kottayam.	Environmental Science (Chemistry)/ Environmental and Atmospheric Sciences	Assessment of Organochlorine pesticide residues in the cardamom hill reserve of Idukki District, Kerala and an experimental study on the application of biochar for its remediation	08.10.2021	School of Environmental Sciences Mahatma Gandhi University, Kottayam.

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43	Smt. Asha Chacko Kripa Malayinkil P.O. Thiruvananthapuram - 695 571	Prof. Dr. Sibi P.I. Professor & Vice Principal Department of Pharmaceutical Sciences RIMSR, CPAS, Puthuppally, Kottayam.	Pharmacy / Modern Medicine	EVALUATION OF ANTI- NEUROINFLAMMATORY AGENTS FROM SELECTED MARINE RED ALGAE TARGETING NEURODEGENERATIVE DISEASES	31.05.2021	Department of Pharmaceutical Sciences Cheruvandoor
44	Sri. Arundev P.R. Pettickal (H) Oonukal P.O. Namboothiricoup Kothamangalam Ernakulam - 686 693.	Prof. Dr. Siby Zacharias Professor School of Management and Business Studies Mahatma Gandhi University, Kottayam.	Management Studies / Management Sciences	STUDENT LOYALTY: A STUDY AMONG MANAGEMENT EDUCATIONAL INSTITUTIONS IN KERALA	11.11.2021	School of Management and Business Studies Mahatma Gandhi University, kottayam.
45	Sri.Prasanth C.P Chirayil House, Perumpadappu, Palluruthy P.O., Kochi-682 006.	Prof.(Dr.)I.Ibnusaud Former Director,IIRBS, Mahatma Gandhi University, Kottayam	Chemistry / Science	Semi-synthetic approach towards designing of a few molecules of drug likeness	15.11.021	Institute for Integrated programmes and Research in Basic Sciences, Mahatma Gandhi University, Kottayam

Sd/-
Dr. Sreejit C.M.
CONTROLLER OF EXAMINATIONS

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