



MAHATMA GANDHI UNIVERSITY, KERALA

Abstract

Ph.D. Programme in Physics - 2019 Admission – Registration for Research – Granted - Orders issued.

ACADEMIC A 11 SECTION

No. 5337/AC A 11/2019/MGU

Priyadarsini Hills, Dated: 31.10.2019

- Read:-** 1) Regulations for research leading to the award of the degree of Doctor of Philosophy, 2016.
 2) U.O.No. 448/AX/3/2017/Academic dated: 24/01/2017
 3) U.O.No. 3783/AC A 10/2019/MGU dated: 03.08.2019
 4) Minutes of the Doctoral Committee meeting held at SPAP on 14.10.2019

ORDER

Sanction has been accorded by the Vice-Chancellor (i/c) , vide paper read as (3) above, to the candidates who are recommended by the respective Doctoral committee to grant registration for research. As such, the following candidates who were recommended by the Doctoral Committee for Physics, vide paper read as (4) above, are granted registration for research leading to the Award of Ph.D Degree in Physics under the Faculty of Science as shown below.

Reg No & Year	Name & Address of the Candidate	Subject	Name of the Supervising Teacher	Name of the Centre	Title of research work	Nature of Regn.
25 / 2019	Alphonsa Paul Thottam House Elanji P.O Ernakulam	Physics	Dr. Tina Sebastian	Maharaja's College, Ernakulam	Development and fabrication of efficient solid state dye sensitized solar cells with improved stability	Full Time
26 / 2019	Anjumol B Edattu House Karapuzha P.O Kottayam	Physics	Dr. Mercy Mathews	Kuriakose Elias College, Mannanam	Removal of heavy metal ions from water using magnetic iron oxide nanoparticles	Full Time
47 / 2019	Niranjana P V Shyamasaralayam Pilappuzha, Haripad P O Alappuzha	Physics	Dr. Mercy Mathews	Kuriakose Elias College, Mannanam	Synthesis and characterisation of superparamagnetic iron oxide nanoparticles for biomedical applications	Full Time
27 / 2019	Anoop S Anugraha Chathinamkulam Chandanathope P.O Kollam	Physics	Dr. Jaiby Joseph	Kuriakose Elias College, Mannanam	Structure studies of heavy nuclei with increasing angular momentum	Full Time
42 / 2019	Maria Jose Vayampothanal(H) Aruvithura P O Kondoor	Physics	Dr. Jaiby Joseph	Kuriakose Elias College, Mannanam	Evaporation residue measurements in highly fissile compound nuclei	Part Time
43 / 2019	Martin Mathew Vanchikal Lijobhavan, Vaisyambhagom P O Alappuzha	Physics	Dr. Jaiby Joseph	Kuriakose Elias College, Mannanam	Investigation of neutron shell closure effects on nuclear dissipation	Full Time

36 / 2019	Harikrishnan N Koovaparambil (H) Channanikkadu Kottayam	Physics	Dr.R.Pragash	Government College, Nattakom, Kottayam	Improved luminescence in praseodymium doped rare earth oxalate crystals synthesized through a hydro silica gel method	Full Time
38 / 2019	Krishna Priya V.S. Surabhi(H), Vadoor Mariyathuruthu P.O Kottayam	Physics	Dr.R.Pragash	Government College, Nattakom, Kottayam	Spectroscopic studies of rare earth doped crystals	Full Time
51 / 2019	Roshan Joseph Mathew Kannambadam (H) Muttambalam P.O Kottayam	Physics	Dr Sajeew U.S	Government College, Nattakom, Kottayam	Investigations on carrier transport mechanisms in conducting polymer nanostructures for energy applications	Full Time
29 / 2019	Aryadevi G Sreerangam Vandanmedu P.O Amayar , Idukki	Physics	Dr. Preema C Thomas	CMS College, Kottayam	Investigations on electrically active nanocomposites	Full Time
31 / 2019	Bushramol. S Darussalam Karumady P. O Ambalapuzha Alappuzha	Physics	Dr.Ravikumar C.	CMS College, Kottayam	Experimental and theoretical studies on vibrational spectral analysis of anti- psychotic drugs	Full Time
48 / 2019	Rani Mariam Cherian Manayathumalil (H) Perumthuruthy P.O Thiruvalla, Pathanamthitta	Physics	Dr.Ravikumar C.	CMS College, Kottayam	Density functional theoretical studies and vibrational spectral investigation of antibacterial compounds	Full Time
55 / 2019	Sreelekshmi.N Kochuthekkethil Thripperumthura P.O Chennithala Alappuzha	Physics	Dr.Ravikumar C.	CMS College, Kottayam	Spectroscopic investigations of nonlinear optical donor- π -acceptor conjugated structures	Full Time
30 / 2019	Ben Jos Kavalakkatt Ovungal Marottichodu Kalady.	Physics	Dr. E .I Anila	Union Christian College,Aluva	Synthesis and characterisation of transparent conducting oxides	Part Time
53 / 2019	Priya S S Sreechithra Kakkakunnu Ponganadu P O Kilimanoor, Thiruvananthapuram	Physics	Dr. E .I Anila	Union Christian College,Aluva	Synthesis and characterization of aluminum doped zinc oxide by RF magnetron sputtering	Part Time
54 / 2019	Soorya G Nath Maramattathu Mana Parambussery Kurumassery P O Ernakulam	Physics	Dr. E .I Anila	Union Christian College,Aluva	Synthesis and characterisation of nanophosphors	Full Time
57 / 2019	Vrinda S Punnakkal Rajeevam Maniyath Road Mattoor, Kalady Ernakulam	Physics	Dr. E .I Anila	Union Christian College,Aluva	Preparation of conducting polymers and investigations on their properties	Part Time

32/ 2019	Christeena Thomas Valiyaveetil House Mundanmudy P O Vannappuram, Idukki.	Physics	Dr.Reshmi R	Union Christian College,Aluva	Synthesis of 2D transition metal dichalcogenides for sensing applications	Full Time
52/ 2019	Priya S.Nair, Aswathi, Janatha Road Nanthiatukunnam North Paravur	Physics	Dr.Rachel Reena Philip	Union Christian College,Aluva	Synthesis and characterization of metal oxide and doped metal oxide nanostructures for biomedical and gas sensing applications	Part Time
28/ 2019	Anu Avarachan Erakkuzhayil House, Asamannoor P.O Ernakulam	Physics	Dr. Shinoj V.K	Union Christian College,Aluva	Study of optical damage threshold of nano composites and nano structured materials	Full Time
37/ 2019	Jassi J Flat No: N194 Dif New Town Heights, Csez, Kakkanad, Ernakulam	Physics	Dr. Shinoj V.K	Union Christian College,Aluva	Investigations on nanostructured transition metal oxides and applications	Part Time
40/ 2019	Linu Mary Joseph Nettikkadan (H) Meloor P O Chalaky	Physics	Dr. Shinoj V.K	Union Christian College,Aluva	Optical characterization of food using spectroscopic techniques for quality analysis	Full Time
44/ 2019	Mathew John Mangattu House West Kodikulam P.O Thodupuzha	Physics	Dr.Thomas Varghese	Newman College Thodupuzha	Studies on the properties of nanostructured cobalt tungstates and their potential applications	Full Time
46/ 2019	Neha P.R Pattuvayalil (H) Champakara P O Karukachal Kottayam	Physics	Dr. Joe Jacob	Newman College Thodupuzha	Multiwavelength variability studies of active galactic nuclei	Part Time
33/ 2019	Elizabeth Thomas Veembukattu House, Anikadu P.O Mallappally West, Pathanamthitta	Physics	Dr.Noble.P Abraham	Marthoma College, Thiruvalla	Association of climatic changes with solar activity	Full Time
50/ 2019	Renny Elizabeth Oommen Kottuvilayil Eramathoor P.O Mannar	Physics	Dr. Angel Susan Cherian	Marthoma College, Thiruvalla	Synthesis and characterisation of tin oxide films for solar cell applications	Full Time
34/ 2019	Geethu Joseph Kalapurackal House Sreekandapuram P.O Kottoor,Kannur	Physics	Dr. Ginson P Joseph	St Thomas College, Pala	Studies on the electrical, thermal and non linear optical properties of conductive polymer nano composites	Full Time
56/ 2019	Veenus Venugopal Indeevaram, Pallikkunnu, Aluva.	Physics	Dr.Sujatha N.V.	St. Xavier's College for Women, Aluva.	Study of the influence of the environment of star formation on some star formation tracers	Full Time
35 / 2019	Girija G GF-F, Royal Heritage Apartments Palliparambukavu Road ,Tripunithura	Physics	Dr.Manjusha M.V	The Coch College, Kochi	Thermal,Magnetic and Biological Characterization of Sol-Gel derived BiFeO ₃ nanoparticles	Part Time

49 / 2019	Reethu Jayaprakash E Eranezhath House POKandassankadavu Padiyam, Thrissur.	Physics	Dr. Lijo Jose	SB College, Changanacherry	A study on the effects of aerosols on the atmospheric parameters and their impact on weather patterns over India and the adjoining oceanic regions	Full Time
45 / 2019	Minu Pius Alappat House Vaduthala P.O , Kochi	Physics	Dr. Santhi A	St. Teresa's College Ernakulam	Photocatalytic and photothermal studies of multifunctional hybrid nanocomposites	Part Time
39/ 2019	Lekshmi P. Kumar Thekkeperuvellil (H) Puliyoor P.O. Chengannur. Alappuzha	Physics	Dr.Nibu A George	Baselius College Kottayam	Tailoring of optical and thermal properties of natural dyes and pigments by the addition of nanoparticles.	Full Time
41/ 2019	Manu Mohan P Pazhayampallichira (H) Kudavechoor P O Vaikom Kottayam	Physics	Dr.Nibu A George	Baselius College Kottayam	Development of nanoparticle based sensors	Full Time

The candidates have to report to the Research Centre immediately and shall undergo Course Work which commences on the 1st January of 2020 (if not a holiday). The date of effect of registration for all the above candidates, irrespective of full time or part time, is the date of joining the Course Work in the centre.

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

The registration granted will be confirmed only after the successful completion of Course Work.

Orders are issued accordingly.

BAIJU N

ASSISTANT REGISTRAR IV
(ACADEMIC)
For REGISTRAR

Copy To

1. The Research Scholar Concerned
2. The Supervising Teacher Concerned
3. The Head of the Research Centre concerned
4. The Director of Research
5. EB XIV Section
6. JR II (Admn) / DR I (Acad) / AR IV (Acad)
7. Content Management Cell (to upload in the website)
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Section Officer