



MAHATMA GANDHI UNIVERSITY, KERALA

(Abstract)

Ph.D. Programme in Physics- 2018 Admission – Course Work Examination - Syllabus of Course III - Approved - Orders issued.

ACADEMIC AXI SECTION

U.O. No.1396 /2019/AXI/1/Academic

P.D. Hills, Dated, 11/04/2019

Read: (1) Regulations for research leading to the award of the degree of Doctor of Philosophy, 2016.

ORDER

The syllabi of Paper III of the Course Work Examination 2019 in respect of the following candidates of research in Physics prepared and submitted by the supervising teachers are given 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 Reg
21 / 2018	Anumol C G	Physics	Dr.Lijo Jose	St:Berchmans College, Changanassery	Study on the Variabilities of Equatorial and Low Latitude Ionosphere Using Radio Waves	Full Time
22 / 2018	Archana Kartha	Physics	Dr. K.S Sreelatha	Govt. College, Nattakom, Kottayam,	Studies on the Structural Modification of Perovskite Material for Solar Cell Application	Part Time
23 / 2018	Ens Mathews	Physics	Dr. Samuel Mathew	Mar Thoma College, Thiruvalla	Studies on the Surface Exhalation Fluxes of Radon and Thoron in Monazite Bearing Sand in the Southern Coastal Area of Kerala	Part Time
24 / 2018	Fency K F	Physics	Dr. Sujatha. N. V	St.Xavier's College for Women, Aluva	Study of the Extragalactic Component of the Ultraviolet Sky	Part Time
25 / 2018	Jinsu Ann Mathew	Physics	Dr. Joe Jacob	Newman College, Thodupuzha.	Study of Natural Language Processing Using information Theory and Machine Learning	Full Time
26 / 2018	Jini K Jose	Physics	Dr. Raneesh B	Catholicate College, Pathanamthitta	Fabrication of Ferrite/Garnet Multiferroic Nanocomposites for Energy Harvesting Applications	Part Time
27 / 2018	Lekshmi.O	Physics	Dr. Issac Paul	St:Berchmans College, Changanassery	Development of Highly Efficient Carbon Nanotube/Graphene Oxide incorporated Polymer Nano Composite Films for EMI Shielding Application	Full Time

28 / 2018	Minu. K. M	Physics	Dr. Sujatha N. V	St. Xavier's College for Women, Aluva	Study of Structure of UV Emission at Mid-Galactic Latitudes	Part Time
29 / 2018	Nimmi Narayanan,	Physics	Dr.Sujatha N.V.	St. Xavier's College for Women, Aluva	Modelling of Diffuse Ultraviolet Background Radiation and Its Sources	Part Time
30 / 2018	Nisha Joseph	Physics	Dr.Tina Sebastian	Maharaja's College Ernakulam.	Deposition and Characterization of Thin Films by Chemical Method for Opto Electronic Applications.	Part Time
31 / 2018	Prathama V	Physics	Dr. Joe Jacob	Newman College, Thodupuzha	Study On Artifact Detection and Filtering in Astronomical Observations	Part Time
32 / 2018	Rakhy Raphael	Physics	Dr. E. I. Anila	U. C. College, Aluva	Transparent Conductors and Semiconductors for Optoelectronic Applications	Part Time
33 / 2018	Sobi K Chacko	Physics	Dr. Raneesh B	Catholicate College, Pathanamthitta	Fabrication of 1-D Nanocomposite Multiferroic Heterostructures for Tailored Applications	Full Time
34 / 2018	Vineeth S	Physics	Dr. Noble P Abraham	Marthoma College Thiruvalla	Investigations on Non-Linear Waves in Dusty Plasma Environments	Full Time
35 / 2018	Aswathy R Chandran	Physics	Dr. Issac Paul	St:Berchmans College, Changanassery	Structural and Spectroscopic Characterization of $\text{LaPO}_4:\text{Ln}(\text{Ln}=\text{Eu}^{3+}, \text{Dy}^{3+}, \text{Tb}^{3+})$ Crystal Synthesized By Hydrothermal Method	Full Time
36 / 2018	Babu K Thomas	Physics	Dr. Jochan Joseph	St. Aloysius College, Edathua	Rare - Earth Doped II - VI Compounds for an Enhanced Spectroscopic Effect	Part Time
37 / 2018	Gopika G. Nair	Physics	Dr. Preema C.Thomas	C.M.S College, Kottayam	Studies on the Effect of Metals/Metal Oxides on Various Polymer Nanocomposites	Fulltime
38 / 2018	Jacob George	Physics	Dr. Issac Paul	St. Berchmans College, Changanassery	Development of Chaotic Oscillator Based Weak Signal Detector	Full Time

39 / 2018	Renjini T N	Physics	Dr. Vimala George	St. Xavires College for Women , Aluva	Spectroscopic Studies of Perovskite Based Materials for Optoelectronic Applications	Part Time
40 / 2018	Rosmin John	Physics	Dr. Jochan Joseph	St. Aloysius College, Edathua	Opto-Electronic and Electrical Studies of Some Rare Earth Doped II-VI Thin Films Prepared in Different Matrixes	Part Time
41 / 2018	Resmi K N	Physics	Dr. K S Sreelatha	Government College , Kottayam	Studies on the Application of Chaos Theory in the Generation of Musical Variations	Full Time
42 / 2018	Savitha Mathew	Physics	Dr. Preema C. Thomas	C.M.S College, Kottayam	Synthesis and Studies on the Effect of Metal Oxide Fillers on Polyaniline-Metaloxides Nanocomposites	Full Time
16 / 2017	Aparna Raj	Physics	Dr. Joe Jacob	Newman College, Thodupuzha	Multi-Wavelength Studies on Stripe 82 Region of the Sloan Digital Sky Survey	Part Time

The Vice-Chancellor (i/c) has approved the syllabi of Paper III of the Course Work Examination in respect of the above research scholars.

Orders are issued accordingly.

Sd/-
BAIJU N.
Assistant Registrar IV (Acad)
For Registrar

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