



MAHATMA GANDHI UNIVERSITY  
(Abstract)

Ph.D Programme in Science- Course Work Examination – 2018 – Syllabus of Course (III) – Approved –  
Orders Issued

ACADEMIC AII SECTION

U O No. 7311/4/2018/Academic/AII

Dated, Priyadarsini Hills, 10.10.2018

Read:- Regulations of Ph.D Registration and Award of the Degree of Doctor of Philosophy 2016

ORDER

The syllabi of Course (C) of the following candidates for the Course Work Examination 2018 prepared by the respective supervising teachers were submitted to the University through the Head of Research centres as detailed below:

Sl. No	Name of Research Scholar	Discipline	Name of the Supervising Teacher	Centre of Research	Title of Research Work
1	Tintu Tomy	Botany	Dr.J Jameson	St Alberts college, Ernakulam	Ecological Studies of Certain Polluted Rivers of Kerala With Special Reference to Heavy Metal and Pharmaceutical Pollution
2	Teema Joseph	Botany	Dr.Thara K Simon	UC College, Aluva	Biosystematics and conservation of selected taxa of Acanthaceae based on texts of Ayurveda
3	Ajeesh Joseph	Botany	Dr.J Jameson	St Alberts college, Ernakulam	Biochemical and Physiological characterization of resistance to stem borer ( <i>Odoiporus longicollos</i> ) in selected genotypes of Banana and determination of genetic factors responsible for the resistance
4	Reedu Raj	Botany	Dr.Elizabeth Cherian	CMS College, Kottayam	Studies on the microbiome associated with the endangered wild epiphytic orchids of Pathanamthitta district of Kerala
5	Aswathy R	Botany	Dr.(Fr) Jose John	SH College, Thevara	Micropropagation and Phytochemical screening of the medicinal plant- <i>Anisochilus carnosus</i> (L.f) Wall

6	Reshma T R	Botany	Dr.Shaji Philip	Rubber research institute, Kottayam	<i>Studies on Corynespora cassiicola</i> causing leaf disease in rubber ( <i>Hevea brasiliensis</i> ) with special reference to Survival, host range, virulence and host tolerance
7	Angeline Cyriac	Botany	Dr.Toji Thomas	St Thomas College, Pala	Bioactivity studies and hairy root culture of <i>Tylophora indica</i> (Burm.f.) Merr.var. <i>indica</i> for enhanced production of secondary metabolites
8	Saira George	Botany	Dr.Justin R Nayagam	UC College, Aluva	Plantation Technology: Seed and Propagation characteristics of selected indigenous tree species of tropical India
9	Sagna A	Botany	Dr.Justin R Nayagam	UC College, Aluva	Seed biology and propagation characteristics of selected forest tree species of Kerala
10	Benoy Thomas M P	Botany	Dr.Justin R Nayagam	UC College, Aluva	Study on litter fungi on mangrove litter fall in Kerala Forest
11	Shanti Joseph	Botany	Dr.Elizabeth Cherian	CMS College, Kottayam	Phytosynthesis of Zn nanoparticles from <i>Eichhornia crassipes</i> (Mart) Solms.
12	Sijo Mathew	Botany	Dr.Elizabeth Cherian	CMS College, Kottayam	The impact of chemical fertilizers on physicochemical characters of soil and nutrient mobilizing rhizosphere microflora in the paddy fields of north Kuttanad and Vaikom karinilam region.
13	Prasanna Rajan	Botany	Dr.Elizabeth Cherian	CMS College, Kottayam	Evaluating the potential of indigenous microbes in mangrove vegetation associated with Vembanadu Lake
14	Gayathri Sharma	Botany	Dr.(Fr) Jose John	SH College, Thevara	A Study on the Nutraceutical potential of selected Terrestrial and Aquatic algae from Kerala

15	Neethu N Nair	Botany	Dr.Shaji Philip	Rubber research institute, Kottayam	Breeding for stress tolerant varieties of <i>Hevea brasiliensis</i> Muell.Arg.using genetic markers
16	Jomy Joseph	Microbiology	Dr.S.Mohan	Sree Sankara College, Kalady	Prevalence, Distribution and Characterization of Shiga Toxigenic Pathotypes of <i>E.coli</i> of Bovine origin in Kerala, South India
17	Sarannya Kumari R	Mathematics	Sunny Joseph Kalayanthakal	Catholicate College, Pathanamthitta	A study on Alexander Sub base theorem and Compactifications in Fuzzy Topological spaces
18	Nuja M Unnikrishnan	Mathematics	K V Thomas	BMC, Thrikkakara	Application of Fuzzy sets in Graph Theory
19	Suji Elizabeth Mathew	Mathematics	Sunny Joseph Kalayanthakal	Catholicate College, Pathanamthitta	A Study on Chemical Graphs
20	Ann Susan Thomas	Mathematics	Sunny Joseph Kalayanthakal	Catholicate College, Pathanamthitta	Study on Spectrum and energy of Graphs and Hypergraphs
21	Jency John	Mathematics	K V Thomas	BMC, Thrikkakara	Application of Multi-Fuzzy set in Algebra
22	Divya Mary daise S	Mathematics	Sherry Fernandez	St Albert's college, Ernakulam	A Study on Level Subgroups of Intuitionistic Fuzzy Groups
23	Parvathy Haridas	Mathematics	Sherry Fernandez	St Albert's college, Ernakulam	A Study on Fuzzy Moore and $\omega \Delta$ -spaces
24	Juliet A J	Mathematics	Sherry Fernandez	St Albert's college, Ernakulam	A Study on Effect and Multilinear Algebra
25	Deepthi Mary Tresa S	Mathematics	Sherry Fernandez	St Albert's college, Ernakulam	A Study of Interval Valued Fuzzy Digraphs and its Applications in some Physical Networks
26	Golda Mary Joseph	Mathematics	Paul Isaac	BMC, Thrikkakara	A Study on Cayley Fuzzy Graphs

The Director of Research verified the Syllabi and recommended to approve the same. Sanction has been accorded by the Professor in charge of Vice Chancellor for the same as detailed above.

Orders are issued accordingly

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

Copy to:

1. The Head of the Research Centres
2. The Director of Research.
3. PS to VC/PVC.
4. PA to Registrar/CE.
5. EB X
6. The Content Management Section
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Forwarded/By Order

  
Section Officer