

UNIVERSITY OF CALICUT

(Pareeksha Bhavan)

REVISED TIME TABLE FOR THE M.Sc. FOURTH SEMESTER
(REGULAR/SUPPLEMENTARY/ IMPROVEMENT) EXAMINATION (CUCSS) – JUNE
2018

Time of Examination : 1.30 pm to 4.30 pm (except Friday) / 2 pm to 5 pm (on Friday)

Total Weightage: 36

| Day and Date | Subject | |
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| <u>PHYSICS (2012 scheme-2013 Admission onwards)</u> | | |
| Monday 2 nd July 2018 | PHY4C12 | Atomic & Molecular Spectroscopy |
| <u>Electives</u> | | |
| Wednesday 4 th July 2018 | PHY4E09 | Astrophysics |
| | PHY4E11 | Material Science |
| | PHY4E12 | Electronic instrumentation |
| | PHY4E13 | Lasers and Fibre Optics |
| | PHY4E14 | Communication Electronics |
| Friday 6 th July 2018 | PHY4E15 | Quantum Field Technology |
| | PHY4E18 | Modern Optics |
| | PHY4E19 | Physics of Semi Conductors |
| | PHY4E20 | Microprocessors & Applications |
| | PHY4E16 | Chaos & Non Linear Physics |
| Monday 9 th July 2018 | PHY4EM | Advanced Condensed Matter Physics |
| <u>CHEMISTRY (2010 scheme -2013 to 2014 Admn)</u> | | |
| Monday 2 nd July 2018 | CH4C09 | Advanced Topics in Chemistry |
| <u>Electives</u> | | |
| Wednesday 4 th July 2018 | CH4E04 | Instrumental Methods of Analysis |
| | CH4E05 | Computational Chemistry |
| | CH4E07 | Industrial Catalysis |
| Friday 6 th July 2018 | CH4E08 | Bio Inorganic & Organometallic Chemistry |
| <u>CHEMISTRY (2015 scheme -2015 Admn onwards)</u> | | |
| Monday 2 nd July 2018 | CH 4C 12 | Instrumental Methods of Analysis |
| Wednesday 4 th July 2018 | CH 4C 13 | Advanced Topics in Chemistry |
| Friday 6 th July 2018 | CH 4E 04 | Petrochemicals and Cosmetics |
| | CH 4E 05 | Industrial Catalysis |
| | CH 4E 06 | Natural Products and Polymer Chemistry |
| | CH 4E 07 | Material Science |
| <u>BIOCHEMISTRY (2013 scheme -2013 Admn onwards)</u> | | |
| <u>Electives</u> | | |
| Monday 2 nd July 2018 | BC4E05 | Genetics for Biologist |
| | BC4E06 | Biochemical & Environmental Toxicology |
| | BC4E07 | Biochemical Engineering |
| Wednesday 4 th July 2018 | BC4E08 | Cancer Biology |
| <u>MATHEMATICS (2016 scheme- 2016 Admn onwards)</u> | | |
| Monday 2 nd July 2018 | MT4E 01 | Commutative Algebra |
| | MT4E 02 | Algebraic Number Theory |
| | MT4E 03 | Cryptography |
| | MT4E 04 | Representation Theory |

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| Wednesday 4 th July 2018 | MT4E 05 MT4E 06 | Measure & Integration Advanced Complex Analysis |
| | MT4E 07 MT4E 08 | Advanced Functional Analysis Probability Theory |
| Friday 6 th July 2018 | MT4E 09 MT4E 10 MT4E 11 MT4E 12 | Fluid Dynamics Advanced Operations Research Graph Theory Computer Oriented Numerical Analysis |
| Monday 9 th July 2018 | MT4E 13 MT4E 14 MT4E 15 | Algebraic Topology Differential Geometry Wavelet Theory |

MATHEMATICS (2010 scheme- 2013 to 2015 Admn)

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| Monday 2 nd July 2018 | MT4C15 | Functional Analysis II |
| Wednesday 4 th July 2018 | MT4C16 | Differential Geometry |
| | <u>Electives</u> | |
| Friday 6 th July 2018 | MT4E01 MT4E02 MT4E06 | Commutative Algebra Algebraic Number Theory Probability Theory |
| Monday 9 th July 2018 | MT4E04 MT4E03 | Fluid Dynamics Measure & Integration |
| Tuesday 10 th July 2018 | MT4E05 | Operation Research |
| Wednesday 11 th July 2018 | MT4E07 | Computer Oriented Numerical Analysis |

BOTANY (2010 scheme – 2013 Admn onwards)

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| Monday 2 nd July 2018 | BO04ET13 | Advanced Angiosperm Taxonomy Plant Tissue Culture Pathology of Plantation Crops and Spices Molecular Plant Taxonomy |
| Wednesday 4 th July 2018 | BO04ET13 | Environmental Biology and Biodiversity Conservation Plant Physiology |
| Friday 6 th July 2018 | BO04ET14 | Genetic Engineering Genetics and Crop Improvement Biotechnology in Crop Improvement |
| Monday 9 th July 2018 | BO04ET14 | Plant Cell and Molecular Biology Genomics and Proteomics |

STATISTICS (2013 scheme – 2013 Admn onwards)

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| Monday 2 nd July 2018 | ST4C13 | Multivariate Analysis |
| | <u>Electives III</u> | |
| Wednesday 4 th July 2018 | ST4E01 ST4E03 ST4E04 ST4E05 | Advanced Operational Research Statistical Quality Control Reliability Modelling Advanced Probability |

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| ST4E08 | Computer Oriented Statistical Method |
| ST4E10 | Statistical Decision Theory & Bayesian Analysis |
| ST4E11 | Statistical Ecology & Demography |

ZOOLOGY (2016 Scheme-2016 Admission onwards)

Monday 2nd July 2018

Wednesday 4th July 2018

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| ZO4 CT10 | Biotechnology and Microbiology |
| ZO4 ET11 | Entomology – II : Anatomy and Physiology |
| ZO4 ET11 | Environmental Biology –II: Environmental Pollution |
| ZO4 ET11 | Fishery Science – II: Capture & Cultural Fisheries |
| ZO4 ET11 | Human Genetics –II: Diagnostic Genetics |
| ZO4 ET11 | Wildlife Biology –II: Wildlife Conservation |

Friday 6th July 2018

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| ZO4 ET12 | Entomology – III: Agricultural, Medical and Forensic Entomology |
| ZO4 ET12 | Environmental Biology- III: Environmental Conservation |
| ZO4 ET12 | Fishery Science – III: Harvesting, Pos-harvesting Technology and Marketing |
| ZO4 ET12 | Human Genetics –III: Cancer Genetics and Genetic Services |
| ZO4 ET12 | Wildlife Biology –III: Wildlife Management |

Z O O L O G Y (2010 scheme – 2013 to 2015 Admn)

Monday 2nd July 2018

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| ZO4CT10 | Immunology |
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Wednesday 4th July 2018

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| ZO4CT11 | Microbiology & Biotechnology |
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Friday 6th July 2018

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| <u>Electives</u> | |
| ZO4ET12 | Entomology III – Agricultural & Medical Entomology , Principles of Insect, Pest Management and Toxicology |
| | Environmental Biology III – Environmental Conservation |
| | Fishery Biology III – Harvesting, Post Harvesting Technology and Marketing |
| | Human Genetics III – Cancer Genetics & Genetic Services |
| | Wildlife Biology III – Wildlife Management |

E L E C T R O N I C S (2010 scheme – 2013 Admn onwards)

Monday 2nd July 2018

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| RO4C01 | Robotics |
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Wednesday 4th July 2018

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| <u>Electives</u> | |
| TE4E03 | Telematics |

Friday 6th July 2018

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| D14E02 | Digital Image Processing |
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PSYCHOLOGY (2010 scheme – 2013 Admn onwards)

| | <u>Electives</u> | |
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| Monday 2 nd July 2018 | PSY.04 | Psychotherapeutics II |
| Wednesday 4 th July 2018 | PSY.03 PSY.02 PSY.08 | Psychotherapeutics I Clinical Neuro Psychology Industrial Clinical Psychology |
| Friday 6 th July 2018 | PSY.05 PSY.09 PSY.10 | Organisational Behaviour Clinical Psychology Consumer Marketing Psychology+ |
| Tuesday 10 th July 2018 | PSY.06 | Human Resource Development |

POLYMER CHEMISTRY ((2010 scheme – 2013 Admn onwards)

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|-------------------------------------|--------|--|
| Monday 2 nd July 2018 | PC4C10 | Physical Chemistry of Polymers |
| Wednesday 4 th July 2018 | PC4C11 | Polymer Technology |
| Friday 6 th July 2018 | PC4C12 | Testing & Characterisation of Polymers |
| Monday 9 th July 2018 | PC4E02 | Polymer Nano Technology |

ENVIRONMENTAL SCIENCE (2010 scheme - 2013 Admn)

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|-------------------------------------|----------------------------|---------------------------------|
| Monday 2 nd July 2018 | ES4C13 | State of Environment in India |
| Wednesday 4 th July 2018 | ES4C14 | Environmental Law |
| Friday 6 th July 2018 | <u>Electives</u> ES4E03 | Food Adulteration and Detection |

ENVIRONMENTAL SCIENCE (2014 scheme -2014 Admission onwards)

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|-------------------------------------|---------|---------------------------------------|
| Monday 2 nd July 2018 | ES4 E22 | Hydrology and Water Resources |
| Wednesday 4 th July 2018 | ES4 E23 | Indian Environmental Laws |
| Friday 6 th July 2018 | ES4 E24 | Environmental Disaster Management |
| Monday 9 th July 2018 | ES4 E25 | Current Environmental issues in India |

APPLIED GEOLOGY(2010 scheme - 2013 Admn))

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|-------------------------------------|-----------------------------|----------------------------------|
| Monday 2 nd July 2018 | GEL4C12 | Economic Geology |
| Wednesday 4 th July 2018 | GEL4C13 | Applied Geology & Marine Geology |
| Friday 6 th July 2018 | <u>Electives</u> GEL4E03 | Environmental Geology |

APPLIED GEOLOGY (2014 scheme -2014 Admn onwards)

| | | |
|-------------------------------------|---------|------------------------------|
| Monday 2 nd July 2018 | GEL4C12 | Economic Geology |
| Wednesday 4 th July 2018 | GEL4C13 | Geochemistry & Sedimentology |
| Friday 6 th July 2018 | GEL4E03 | Environmental Geology |
| Monday 9 th July 2018 | GEL4E04 | Disaster Management |

PLANT SCIENCE (2010 scheme – 2013 Admn onwards)

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| Monday 2 nd July 2018 | PS4E01 | Agro biotechnology |
| Wednesday 4 th July 2018 | PS4E02 | Eco Physiology of Plants |
| Friday 6 th July 2018 | PS4E03 | Principles and Applications of Ethnobotany |

AQUACULTURE AND FISHERY MICROBIOLOGY

(2013 scheme -2013 Admn onwards)

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|-------------------------------------|-------------------------|---|
| Monday 2 nd July 2018 | AFM4C17 | Biotechnology & Molecular Biology |
| Wednesday 4 th July 2018 | AFM4C18 | Disease Diagnosis & Aquatic Health Management |
| | <u>Electives</u> | |
| Friday 6 th July 2018 | AFM4E07 | Lives feed culture techniques |
| | AFM4E08 | Ornamental fish breeding & raring |
| | AFM4E09 | Fish Nutrition and feed technology |
| | AFM4E10 | Immunology |
| Monday 9 th July 2018 | AFM4E12 | Aquatic Pollution and Toxicology |
| | AFM4E11 | Developmental Biology |

GENERAL BIOTECHNOLOGY (2010 scheme – 2013 Admn onwards)

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| Monday 2 nd July 2018 | GB4E5 | Stem Cell Biology |
| | GB4E3 | Industrial Food Biotechnology |
| | GB4E4 | Nano Biotechnology |

MICRO BIOLOGY(2010 scheme – 2013 Admn onwards)

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| Monday 2 nd July 2018 | MB4C11 | Biostatistics & Bioinformatics |
| | <u>Electives</u> | |
| Wednesday 4 th July 2018 | MB4E04 | Microbial Biotechnology |
| | MB4E05 | Genetic Engineering |
| Friday 6 th July 2018 | MB4E06 | Biosafety, Bioethics and IPR |

HOME SCIENCE – NUTRITION & DIETETICS (2013 scheme – 2013 Admn onwards)

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|-------------------------------------|------------------------|---|
| Monday 2 nd July 2018 | ND4C13 | Metabolic & Biochemical Changes in Diseases |
| | <u>Elective</u> | |
| Wednesday 4 th July 2018 | ND4E01 | Diabetic Care and Management |
| Friday 6 th July 2018 | ND4E02 | Food Safety and Quality Control |
| Monday 9 th July 2018 | ND4E03 | Public Nutrition & Health |

HOME SCIENCE (TEXTILE & COSTUME) (2015 scheme -2015 Admn onwards)

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|-------------------------------------|--------------|---|
| Monday 2 nd July 2018 | HTC 4E02(01) | Home Textiles |
| Wednesday 4 th July 2018 | HTC 4E02(02) | Computer Application in Fashion Designing |
| Friday 6 th July 2018 | HTC 4E02(03) | Knit Wear Technology |

BIOINFORMATICS(2010 scheme -2013 Admn onwards)

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| Monday 2 nd July 2018 | BIO4E03 | Data Mining |
| Wednesday 4 th July 2018 | BIO4E04 | Cheminformatics and Drug Discovery |

GEOGRAPHY(2010 scheme -2013 Admn onwards)

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|-------------------------------------|-------------------------|------------------------------|
| Monday 2 nd July 2018 | GR4C11 | Environmental Geography |
| Wednesday 4 th July 2018 | GR4C12 | Agricultural Geography |
| | <u>Electives</u> | |
| Friday 6 th July 2018 | GR4E04 | Geography of Tourism |
| | GR4E06 | Geography of Water Resources |

