



File Ref.No.AcE1/A4/12293/2022

UNIVERSITY OF KERALA

(Abstract)

List of qualifying Degrees for registration for Research leading to award of Ph.D Degree in inter disciplinary Subjects - Sanctioned - Orders issued

Ac E I

2346/2022/UOK

Dated: 24.03.2022

- Read:-*1. Item No 32 of the short minutes of the meeting of the Standing Committee of the Academic Council held on 14.01.2022
2. Minutes of the Meeting of the sub-committee held on 05.02.2022 constitutes by the Standing Committee of the Academic Council held on 14.01.2022
3. Item No 64 of the Short minutes of the meeting of the Standing Committee of the Academic Council held on 26.02.2022
4. Item No.10 of the Minutes of the Special meeting of the Academic Council held on 02.03.2022

ORDER

The Academic Council at its special meeting held on 02.03.2022, vide paper read as (4) above, considered the paper read as (2) above for recommending the eligibility criteria for doing interdisciplinary research, along with the minutes of the meeting of the sub-committee and the recommendation of the Standing Committee of the Academic Council, vide paper read as (3) above, and resolved to approve the list of qualifying Degrees as detailed below for registration for Research leading to Ph.D in inter disciplinary Subjects:

I. That candidates who qualify **U.G.C-C.S.I.R - JRF / NET / GATE / INSPIRE Fellowship / KSCSTE Fellowship or any other National or State Fellowship recognized by the University of Kerala** with Masters Degree in the subjects described below may be exempted from the entrance test of the University of Kerala and may be permitted to directly apply for the Ph.D programme in interdisciplinary subjects also.

II. To consider the following P.G. Degrees as the basic eligible qualification for granting Ph.D registration in the interdisciplinary subjects noted as detailed below:

1. Biotechnology

Bio-Technology, Microbiology, Bio-Chemistry, Microbial Gene Technology, Plant Molecular Biology & Biotechnology, Botany, Agriculture / Plant Biotechnology, Industrial Biotechnology, Genetics & Plant Breeding, Zoology, Environmental Biotechnology, Biomedical Genetics, Applied Microbiology, Medical Microbiology, Applied Zoology, Animal Biotechnology, Pharmaceuticals, Agriculture Biotechnology

2. Computational Biology & Bioinformatics



Masters Degree from any of the following Faculties:

Applied Sciences and Technology, Science, Engineering & Technology, Agriculture, Medicine

3. Environmental Sciences

a) M.Sc.

Environmental Science, Environmental Management, Environmental Technology, Environmental Science and Technology, Life Science, Botany, Zoology, Biochemistry, Chemistry, Industrial Chemistry, Biotechnology, Microbiology, Forestry, Geology, Marine Geology, Geophysics, Marine Biology, Industrial Fish and Fisheries, Climate Change and Disaster Management, Environmental Science and Disaster Management, Disaster Management, Atmospheric Sciences, Meteorology, Climate Change, Oceanography, Environmental Chemistry, Agriculture Science, Forestry, Environmental Biotechnology, Nanotechnology, Geography.

b) M.Tech

Environmental Engineering, Hydraulics Engineering, Geotechnical Engineering

c) M.Sc /M.Tech

Geoinformatics Remote Sensing, GIS, Remote Sensing

4. Futures Studies

Masters Degree from any of the following Faculties:

Applied Science and Technology, Science, Engineering & Technology, Social Sciences, Commerce, Management, Agriculture, Medicine, Education

5. Microbiology

Microbiology, Soil Microbiology, Fishery Microbiology, Biotechnology, Virology, Agricultural Microbiology, Genetic Engineering, Molecular Biology, Food Microbiology, Veterinary Microbiology, Environmental Microbiology, Medical Microbiology, Dairy Microbiology, Marine Microbiology, Marine Biotechnology, Applied Microbiology, Industrial Microbiology

6. Optoelectronics

a) M.Sc

Optoelectronics, Photonics, Biophotonics, Nanophotonics, Electronics, Physics, Applied Physics, Materials Sciences, Nanoscience & Nanotechnology

b) M.Tech

Photonics, Optoelectronics, Electronics (All branches like - Signal Processing, Communication, Instrumentation, Robotics, Microelectronics, MEMS), Electrical and Electronics, Physics, Applied Physics, Materials Science, Nanoscience and Nanotechnology, Computer Science (Signal Processing, Image processing, Machine learning), Biomedical Engineering, Laser Technology, Applied Optics, Solid State Technology, Material Engineering

7. Technology Management

Masters Degree from any of the following Faculties:

Applied Science & Technology, Engineering & Technology

MBA with specialization in Technology Management or Business Analytics.



Sanction has therefore been accorded by the Vice-Chancellor to approve the above list of qualifications for getting registration to Ph.D research in the interdisciplinary subjects noted against them, if the candidates are otherwise eligible.

Orders are issued accordingly.

SINDHU GEORGE *

DEPUTY REGISTRAR
For REGISTRAR

To

1. The Heads of all University Teaching/Research Departments/Research Centres. (to be downloaded from the website www.research.keralauniversity.ac.in)
2. The Chairmen of all Board of Studies (PG), University of Kerala
3. The PS to VC/PVC
4. The PA to Registrar/ CE / FO
5. The Director Research
6. The Director Computer Centre
7. The PRO / Reception Officer / Help Desk
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