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## UNIVERSITY OF KERALA

Thiruvananthapuram, Kerala, India-695034

(Established as University of Travancore by the Travancore University Act in 1937 and reconstituted as University of Kerala by the Kerala University Act of 1957 and presently governed by the Kerala University Act of 1974 passed by the Kerala State Legislative Assembly)

“Re-accredited by NAAC with ‘A’ Grade”

Ac.B1/2016

Thiruvananthapuram,  
Dated: 06.10.2016

### **Notification of Ph.D Entrance Exam - 2016**

Online Applications are invited from eligible candidates for the General Aptitude Test for determining eligibility for admission to Full-time/Part-time research leading to Ph.D Degree.

#### **Conditions of Eligibility**

1. Candidates for admission to the Ph.D. programme shall have a Masters degree or a professional degree recognized as equivalent to the Masters degree of the University of Kerala in grade 'B' in the UGC 7-point scale (or an equivalent grade in a point scale wherever grading system is followed) with not less than 55% marks or an equivalent degree from a foreign educational institution accredited by an Assessment and Accreditation Agency which is approved, recognized or authorized by an authority, established or incorporated under a law in its home country or any other statutory authority in that country for the purpose of assessing, accrediting or assuring quality and standards of educational institutions.
2. A relaxation of 5% of marks, from 55% to 50%, or an equivalent relaxation of grade, shall be granted to those belonging to SC/ST/OBC(non-creamy layer)/differently-abled and other categories of candidates as per the decisions of the University/State Government from time to time, or for those who had obtained their Masters degree prior to 19th September, 1991.
3. Eligibility marks of 55%(or an equivalent grade in a point scale wherever grading system is followed) and the relaxation of 5% to the categories mentioned under (2) above are permissible based only on the qualifying marks exclusive of the grace mark procedures.

4. Candidates who have passed the M.Phil. programme with a minimum of grade 'B' in the UGC 7-point scale (or an equivalent grade in a point scale wherever grading system is followed) with at least 55% marks in aggregate or its equivalent shall be eligible to proceed to do research work leading to the Ph.D. Degree in the same institution in an integrated programme. A relaxation of 5% of marks, from 55% to 50%, or an equivalent relaxation of grade, shall be allowed for those belonging to SC/ST/OBC(non-creamy layer)/differently-abled and other categories of candidates, as decided by the State government/University from time to time.
5. A candidate for whom M.Phil. dissertation stands evaluated, but the viva voce remains yet to be scheduled are also eligible to be admitted to the Ph.D. programme of the same institution.
6. Candidates possessing a degree considered equivalent to M.Phil. degree of an Indian Institution, from a Foreign Educational Institution accredited by an Assessment and Accreditation Agency which is approved, recognized or authorized by an authority, established or incorporated under a law in its home country or any other statutory authority in that country for the purpose of assessing, accrediting or assuring quality and standards of educational institutions, shall be eligible for admission to Ph.D. programme.

Candidates for Ph.D. programme shall be granted registration through an entrance test conducted by the University. Those students who qualify UGC-NET/JRF, UGC-CSIR-NET/JRF, SLET, GATE and research fellowships of central and state Government departments/agencies as approved by the University, as the case may be, shall be eligible for exemption from the entrance test. M.Phil. degree and teacher fellowship holders shall also be granted exemption from the entrance test for registration to Ph.D.

Those who have qualified M.Phil in subjects other than the subjects in which he/she seeks registration for Ph.D would be required to qualify the Eligibility Test.

Candidates with DBT-JRF are exempted from the Ph.D Entrance Test and they are permitted to register for research leading to Ph.D Degree in Biotechnology.  
Candidates with DST-INSPIRE fellowship are exempted from Ph.D Entrance Test.  
Candidates who have qualified {GPAT) are exempted from Ph.D Entrance test and are permitted to register for research leading to Ph.D Degree in Pharmacy.

Scientists/Ayurveda Doctors working in Pharmaceuticals/Hospitals/Research Centres owned by Government with 7 years experience and having 2 research papers published are exempted from the Ph.D Entrance Test.

Scientists/Engineers working in approved Research Laboratories either owned or managed by the Central/State Government or an Autonomous research Institution of National Status with seven years experience in the Grade Scientist/Engineer, having two research papers published in the recognized research journals of the concerned subject approved by the Board of Studies concerned, are exempted from the Ph.D Eligibility Test.

College teachers who have seven or more years of teaching experience are also exempted from the Eligibility Test. Candidates with DM/M.Ch Degree are exempted from appearing for the test.

Candidates selected to the QIP (Quality-Improvement Programme} introduced by AICTE, for teachers of AICTE approved degree level Engineering Institutions are exempted from Ph.D Entrance Test.

### **Procedures for granting registration**

Candidates eligible for registration to Ph.D shall be decided by a two stage process- Entrance Test and Interview

Interview shall be conducted by the Department Doctoral Committee in such a way that the candidates would be required to discuss their research interest/area through a presentation.

Allocation of research supervisor for a selected research scholar shall be decided by the Department Doctoral Committee concerned depending on the number of scholars per research supervisor, available specialization among the research supervisors and research interests of the scholars as indicated by them at the time of interview.

The number of Ph.D scholars, to be admitted to each subject of study at the University Departments/Centres and duly approved the research centres, shall be decided based on number of available research supervisors and other academic as well as physical facilities available in accordance with the norms regarding the scholar- teacher ratio (as indicated under para 5.3 of the Regulations for the award of Ph.D, University of Kerala, 2016) laboratories, libraries and such other facilities.

### **Part-Time Registration**

Part-Time research for Ph.D shall be allowed provided all the conditions mentioned in the extant Ph.D Regulations are met in full irrespective of part-time and full-time research.

Part-Time Ph.D registration shall be restricted to regular/permanent teachers of the Department and affiliated colleges of the University of Kerala in the concerned subjects.

Part-Time registration is also extended to teachers who are working in substantive vacancies in Government and Aided Colleges.

However, the facility of part-time Ph.D registration (1) in library and Information Science is also extended to those who are working as Library Staff in the University of Kerala on regular basis with a minimum of 3 years experience if all other conditions are satisfied and (2) in Management Studies is extended to those persons working in managerial position with a minimum of 3 years experience in Government and Public Sector undertakings provided all other conditions are satisfied.

### **Reservation for Registration**

Admission shall be based on the criteria notified by the University, and the guidelines/norms in this regard issued by the UGC and other statutory bodies concerned, and taking into account the reservation policy of the State Government/University,

applicable to SC/ST/OBC (non-creamy layer)/differently-abled and other categories of candidates.

### **Duration of the Programme**

Ph.D programme shall be for a minimum duration of three years, including course work and a maximum of six years.

Women candidates and candidates with disability of more than 40 per cent may be allowed a relaxation of two years for Ph.D in the maximum duration.

Registration for research granted shall be automatically cancelled on the date of expiry of the maximum period specified.

**Date of Test:** Will be announced later.

### **Scheme of the Test**

The general aptitude test will be of three hours duration and will carry a maximum of 200 marks.

Entrance test shall be conducted at the Centre(s) on the dates to be notified and changes of centers/dates, if any, shall also be notified. Syllabus of the Entrance test shall consist of questions based on research methodology (50%) and the subject of study concerned (50%).

The test comprises of two papers - Research Methodology (50%) and subject of study concerned (50%). Post graduate level knowledge of the subject and aptitude for research are expected of the candidate.

Candidates can apply only in the subjects offered by the University and go in for specialization at a later stage, while choosing the topic of research for registration for Ph.D.

While applying for the Eligibility Test, the candidates should carefully choose the subject most suitable according to their eligibility/qualifying P.G. Degree/choice or area of interest for doctoral research.

The subjects offered are:

1. Aquatic Biology and fisheries
2. Arabic
3. Archaeology

4. Bio-chemistry(including Medical Bio-chemistry}
5. Biotechnology( including Microbiology and Medical Microbiology}
6. Botany
7. Chemistry
8. Commerce
9. Communication and Journalism
10. Computer Science
11. Demography
12. Economics
13. Education
14. Environmental Sciences
15. Futures Studies
16. Geology
17. Hindi
18. History
19. English
20. Management Studies
21. Islamic Studies
22. Law
23. Library and Information Science
24. Linguistics
25. Malayalam
26. Mathematics
27. Music
28. Optoelectronics
29. Philosophy
30. Physics
31. Politics( including topics from Public Administration}
32. Psychology
33. Russian

34. Sanskrit
35. Sociology
36. Statistics
37. Tamil
38. Tourism
39. Zoology
40. Home Science - including topics from :
  - a) Food and Nutrition
  - b) Family Resource Management
  - c) Extension Education
41. Geography
42. Physical Education
43. Social Work
44. Computational Biology and Bioinformatics

### **Engineering**

45. Chemical Engineering
46. Civil Engineering
47. Computer Science and Engineering.
48. Electrical and Electronics Engineering
49. Electronics and Communication Engineering
50. Mechanical Engineering
51. Architecture ( inclusive of Town Planning)

### **Medicine**

52. Basic Medical Sciences (Anatomy, Physiology, Pharmacology, Pathology, Bio- chemistry, Microbiology)
53. Medicine and Allied Specialties (Gynaecology, Paediatrics, Radiology, Public Health, Psychiatry and General Medicine)

54. Surgery and Allied Specialties (Ophthalmology, Orthopaedics and General aspects of Surgery).

55. Nursing

56. Pharmaceuticals Sciences

57. Dentistry including questions from :

- a. Oral Pathology including Oral Anatomy and Oral Biology
- b. Orthodontics
- c. Pedodontics
- d. Oral Medicine & Radiology
- e. Periodontics
- f. Conservative Dentistry & Endodontics
- g. Oral and Maxillofacial Surgery
- h. Prosthodontics
- i. Community Dentistry

58. Ayurveda

### **Mode of Application**

Online registration can be done through the University website [www.research.keralauniversity.ac.in](http://www.research.keralauniversity.ac.in) from 07.10.2016 to 25.10.2016.

Candidates who have applied online should also download the application and send it along with the necessary documents and fees to the Registrar, University of Kerala by 25.10.2016. All relevant documents proving qualification and eligibility should also be enclosed along with the application.

**Incomplete application will be summarily rejected.**

### **General**

1. The cost of application form is Rs. 20/- and the fee for the test is Rs.1000/-. For candidates belonging to scheduled castes and scheduled tribes the fee for the Test is 500/- (Rs. 10/- for one DD as service charge in case of DD). Applications can be downloaded after online registration from the website of Kerala University (Rs. 20/- for downloading charges).
2. All remittances should be either through University Cash Counter or Demand Draft issued by the State Bank of Travancore, State Bank of India or the District Co-Operative Bank drawn in favour of the Finance Officer, University of Kerala, payable at Thiruvananthapuram.
3. The downloaded application furnished for the examination should be accompanied by self addressed stamped and easily detachable envelope for sending the pass memo. In the absence of envelope, a fine of Rs 50/- will be charged.

4. Copies of Master's Degree Certificate and Mark List attested by a Gazetted Officer should be sent along with the downloaded application. A comprehensive marklist showing the exact percentage of marks secured or an equivalent certificate should be furnished. In case of grades awarded certificate showing percentage equivalency should be furnished.
5. Candidates who have qualified from outside Universities of Kerala should also produce copy of Eligibility Certificate.
6. Pass Memo will be issued only on clearance of defects noted if any even if the entrance test result are published provisionally. Candidates may exercise caution while filling the form online and shall send all the required enclosures along with the hard copy of the application form.
7. The photographs on the hard copy of the downloaded application/Hall ticket should be duly attested by the Gazetted Officer.
8. Copy of relevant certificate in the case of SC/ST/OBC (non-creamy layer) / differently abled candidates attested by a Gazetted Officer should be sent along with the downloaded application. Recent community certificate (obtained within 6 months) should be furnished.
9. Candidates who have appeared for the final semesters/year of the Master's Degree Examination and whose results are still awaited should send a copy of the Hall Ticket attested by Gazetted Officer along with the application.
10. Fee once paid will not be refunded

The last date of receipt of Application is 25.10.2016.

**Application received after the last date will be summarily rejected.**

Qualifying in the General Aptitude Test alone does not automatically imply that the candidates have been granted registration or have attained a right for such registration for research leading to Ph.D Degree of the University. Separate application should be made for registration as per the Notification to be issued by the University in this regard. The verification of the other eligibility conditions, specific recognition of their qualifying degree and compliance of other formalities will be taken up only when the candidates apply for registration.

Offline applications will not be accepted.

The University reserves the right to reject any application for proper reasons adduced therewith.

**The registration for PhD shall be granted only subject to availability of seats with the supervising teachers and as per the new norms and regulations framed by the UGC**

**Sd/-  
REGISTRAR**