



**DIRECTORATE OF ADMISSIONS  
OSMANIA UNIVERSITY, HYDERABAD – 500007**

**Information Brochure: Ph.D. Entrance Test - 2022**

Ph.D. Entrance Test is one of the eligibility criteria for admission into Ph.D. programmes offered by Osmania University in different subjects in the faculties of Arts, Commerce, Education, Engineering, Informatics, Law, Oriental Languages, Social Sciences, Science, and Technology. A list of subjects in which the Ph.D. Entrance Test - 2022 will be conducted is given in **Annexure-I**.

**1. Eligibility Conditions:**

To be eligible to appear for Ph.D. Entrance Test - 2022 being conducted by Osmania University in the subjects pertaining to faculties mentioned above, a candidate must have obtained a Post-Graduate degree from a recognized university or a Post-Graduate degree through distance mode from a recognized university and approved by the concerned authority, in the concerned subject or in an allied subject (see **Annexure-II** for the list of allied subjects) approved by Osmania University securing not less than 55% marks (50% marks in case of SC/ST/BC/PWD candidates). If the results of Post Graduate Degree are declared in the form of Grades/Credits/Cumulative Grade Points/Average in their marks card/Transcripts, such Grades/Points shall be converted into percentage of marks to assess the minimum eligibility criteria.

The candidates have to appear in the Ph.D. Entrance Test in the subject in which they wish to pursue Ph.D. (For e.g. A candidate with M.Com. qualification may pursue Ph.D. in Business Management provided he/she appears and qualifies in the Ph.D. Entrance Test in the subject of Business Management).

However, the following categories of the candidates are exempted from appearing in the Ph.D. Entrance test.

1. Those who are awarded Junior Research Fellowship in a national level test namely UGC/ CSIR/ ICMR / ICAR / DBT/ INSPIRE fellowships
2. However, if any of the above category candidates wishes to get admission in **Category-II**, then he/she needs to get through the O.U. Ph.D. Entrance Test – 2022.

**Note:** i. The eligibility of the candidates is not being verified at the time of application and or at the time of issuing of hall tickets. Therefore, it is the candidate's responsibility to ensure that he/she is eligible for the Ph.D. programme in a subject in which he/she is applying.  
ii. The candidates those who are pursuing Post Graduate degree and whose results are not declared are **NOT ELIGIBLE**.

**2. Test Pattern & the Medium of the Test:**

- The Entrance examination is conducted through computer based test (CBT) mode for 70 marks consist of 70 multiple choice questions (MCQ's).
- The Entrance Test will consist of any 3 or 4 varieties of objective type items such as analogies, classification, matching, comprehension of a research study / experiment / theoretical point of view, etc., with multiple answers besides the usual multiple choice items. The MCQs will be framed only from the syllabus of Entrance test.

- **Medium of Entrance test:** The medium of Entrance Test will be in English only, except for language subjects.
- 3. Registration Fee:**

The Registration fee for online submission of application form is Rs.1500/- (Rs.1000/- in case of SC/ST/BC/PWD candidates). The procedure for payment of Registration fee is available in the website: [www.ouadmissions.com](http://www.ouadmissions.com)
  - 4. Syllabus for Entrance Test:**

The syllabus in various subjects for Ph.D. Entrance Test will be made available in O.U. websites, <https://www.osmania.ac.in/> and [www.ouadmissions.com](http://www.ouadmissions.com) Candidates may download the syllabus of the concerned subject from the above websites.
  - 5. Minimum Qualification Marks:**

The minimum marks for qualifying the Ph.D. Entrance Test shall be 50% (35 Marks) in case of Open category candidates and 45% (32 Marks) in case of SC/ST/BC/PWD category candidates.
  - 6.** The Ph.D. Entrance Test is valid only for one time admission process concerned to the Ph.D. Admission Notification - 2022.
  - 7.** The Hall Tickets along with entrance schedules and necessary instructions will be made available in OU websites: <https://www.osmania.ac.in> and [www.ouadmissions.com](http://www.ouadmissions.com) The candidates have to download the Hall Tickets and affix the latest passport size photograph (which is exactly similar to the one uploaded in the Online Application) in the space provided and get it attested by a Gazetted Officer / Principal of a college/ Head of the Department. Without the Hall Ticket, the candidate is not allowed to appear for entrance test.
  - 8.** The admission to Ph.D. course is subject to the concerned Rules and Regulations of Osmania University that are in force from time to time. **Qualifying in the Ph.D. Entrance Test alone does not guarantee admission to Ph.D. programme. The admission is subject to availability of vacancies with the research supervisors in the concerned department, the candidate's academic record, the performance of the candidate in the Ph.D. admission interview and the State Govt. reservation policy.** For further details regarding the Ph.D. admissions in Osmania University and other Rules and Regulations, the candidates are advised to visit the OU Website, <https://www.osmania.ac.in>
  - 9.** The University invites applications separately for admission to Ph.D. Programmes through its website and press notification after the declaration of the Ph. D. Entrance Test results.

**Director**  
**Directorate of Admissions, OU**

## ANNEXURE-I

### List of Subjects and Code Numbers for Ph.D. Entrance Test – 2022

Sub Code	Subject Name
<b>FACULTY OF ARTS</b>	
101	AIHC&A
102	Arabic
104	English
107	Kannada
108	Linguistics
110	Persian
111	Philosophy
112	Sanskrit
113	Telugu
<b>FACULTY OF ORIENTAL LANGUAGES</b>	
121	Arabic (Oriental)
123	Telugu (Oriental)
<b>FACULTY OF SOCIAL SCIENCES</b>	
151	Economics
154	Political Science
156	Public Administration
157	Social Work
158	Sociology
159	Journalism & Communication
<b>FACULTY OF COMMERCE</b>	
201	Commerce
<b>FACULTY OF EDUCATION</b>	
301	Education
302	Physical Education
<b>FACULTY OF LAW</b>	
401	Law

Sub Code	Subject Name
<b>FACULTY OF SCIENCE</b>	
501	Applied Geochemistry
502	Astronomy
503	Biochemistry
504	Biotechnology
505	Botany
506	Chemistry
508	Genetics
509	Geography
510	Geology
511	Geophysics
512	Mathematics
513	Microbiology
514	Nutrition
515	Physics
516	Statistics
517	Zoology
<b>FACULTY OF ENGINEERING</b>	
601	Bio-Medical Engineering
602	Civil Engineering
603	Computer Science Engineering
604	Electrical & Electronics Engineering
605	Electronics & Communication Engineering
606	Mechanical Engineering
<b>FACULTY OF TECHNOLOGY</b>	
631	Chemical Technology / Chemical Engineering
633	Food Technology
634	Textile Technology
<b>FACULTY OF INFORMATICS</b>	
641	Information Technology



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**ANNEXURE-II  
List of Allied Subjects**

**I. FACULTY OF ARTS**

- 101 Ancient Indian History Culture & Archaeology**
- 102 Arabic**
- 104 English**
- 107 Kannada**
- 108 Linguistics**
- 110 Persian**
- 111 Philosophy**
- 112 Sanskrit**
- 113 Telugu**

**II. FAULTY OF ORIENTAL LANGUAGES**

- 121 Arabic (Oriental)**
- 123 Telugu (Oriental)**  
M.A./M.Phil in Telugu, Linguistics (Telugu), Folk Literature or Folk Studies (Telugu),  
Comparative Literature (with Telugu as one of the languages).

**III. FAULTY OF SOCIAL SCIENCES**

- 151 Economics**  
M.A (Applied Economics), M.A/ M.Sc (Econometrics),M.A/M.Sc. (Financial Economics), M.A (Rural Development), M.Sc (Statistics/ Applied Statistics), M.Sc (Agriculture with Economics/ Agriculture Economics/ Econometrics)
- 154 Political Science**  
Defence Studies, Defence and Strategic Studies, International Relations/Studies
- 156 Public Administration**  
Economics, Political Science, Psychology, Management, Library Science, Journalism
- 157 Social Work**
- 158 Sociology**  
Social Anthropology, Demography, Social Work, Rural Development, Communication and Journalism
- 159 Journalism & Communication**

#### IV. FACULTY OF COMMERCE

**201 Commerce**  
Business Management

#### V. FACULTY OF EDUCATION

**301 Education**  
Ancient Indian History Culture & Archaeology, Anthropology, Astronomy, Biochemistry, Botany, Business Management, Chemistry, Commerce, Communication & Journalism, Economics , Engineering , English, Genetics, Geo-Chemistry, Geography, Geology, Geo-Physics , Hindi, History , Library Science , Mathematics, Medicine , Microbiology, Pharmacy , Philosophy, Physics , Political Science Psychology , Public Administration , Sanskrit , Social Work , Sociology , Statistics , Technology , Telugu , Urdu , Zoology.

**302 Physical Education**

#### VI. FACULTY OF LAW

**401 Law**

#### VII. FACULTY OF SCIENCE

**501 Applied Geochemistry**  
M.Sc. Geology/ Geophysics/ Chemistry and Engineering Chemistry/ Statistics and Applied Statistics/ Agriculture/ Botany/ Geography/ Archaeology/ Bio-Chemistry/ Microbiology/ Mining / Mathematics and Applied Maths/ Electronics and Applied Electronics/ Environmental Science.

**502 Astronomy**  
M.Sc/M.Phil in Physics/Astronomy/Mathematics/Astrophysics.

**503 Biochemistry**  
M.Sc/ M.Phil./ Ph.D in Chemistry / Microbiology / Genetics / Life Sciences / Biological Sciences / Agriculture Biochemistry / Pharmacy / Biotechnology / Applied Nutrition / Veterinary Science / Forensic science.

**504 Bio-Technology**  
M.Sc / M.Phil /ME/M.Tech in Botany , Zoology , Genetics , Microbiology , Bio-Sciences , Life Sciences , Agricultural Sciences , Plant Sciences , Animal Sciences, Forensic Sciences , Environmental Sciences, Marine Biology , Chemistry , Physics , Statistics , Mathematics , Computers , Electronics , Chemical Engineering , M.Pharmacy , MD and M.S (Medical faculty).

**505 Botany**  
M.Sc./ M.Phil./ Ph.D / Microbiology / Genetics / Biochemistry / Geology / Agriculture / Forestry / Life Sciences / Biological Sciences / Biotechnology / Forensic Science.

**506 Chemistry**  
M.Sc. Biochemistry / Chemical Technology, {M.Tech} / M.Sc Forensic Science / Pharmacy (M.Pharma)

- 508 Genetics**  
M.Sc./M.Phil./Ph.D in Zoology/ Botany/ Microbiology/ Biochemistry/ Chemistry or equivalent/ Biosciences/ Life Sciences/ Biotechnology/ Agricultural Science/ Environmental Botany/ Veterinary Sciences/ M.D/ M.S (Medical Faculty) Anthropology/ Pharmacy/ Psychology/ Statistics/ Mathematics/ Physics/ Marine Biology/ Environmental Sciences/ M.Pharam.
- 509 Geography**  
M.Sc.Geology/ Geoinformatics / Botany/ Zoology/ Statistics/ Environmental Studies/ Mathematics.
- 510 Geology**  
M.Sc. in Geography / Archaeology / Botany / Zoology / Chemistry / Geophysics / Environmental Sciences / Computer Sciences / Statistics / Mathematics / Applied Geochemistry / Metallurgy / Ceramic Technology / Geology as one of the subjects at under Graduate level except for Civil, Mining and Metallurgical Engineering.
- 511 Geophysics**  
M.Sc (tech) three year/ M.Sc/ M.Phil/Ph.D in Mathematics, Physics, Geology, Provided the candidate has studied Maths, and Physics at B.Sc level.
- 512 Mathematics**  
M.Sc. Applied Mathematics / Mathematics with Computer Sciences / Statistics / Applied Statistics
- 513 Microbiology**  
M.Sc./M.Phil./Ph.D in Biological Science / Biochemistry/ Botany/ Zoology/ Biotechnology/ Genetics/ Environmental Science/ or M.Sc. in Agriculture/ Dairy Science/ Home Science/ Veterinary Science/ M.Pharmacy/ M.D.Medicine/ M.Sc Nutrition with one paper in Microbiology either at the B.Sc or at the Post-Graduate level.
- 514 Nutrition**  
M.Sc Degree from Osmania University or any other University recognized and approved by U.G.C with the subjects Nutrition , Applied Nutrition, Food and Nutrition ,Clinical Nutrition and Dietetics, Food Science and Quality Control, Bio-Chemistry and Microbiology.
- 515 Physics**  
M.Sc. Eng.Physics/ Applied Electronics/ Geophysics/ Astro Physics/ Environmental Sciences/ Chemistry / Applied Physics/ Instrumentation/ Polymer Physics/ Space Physics/ Atmospheric Sciences/ Meteorology / Oceanography / Nano science.
- 516 Statistics**  
M.Sc (Operations Research and Statistical Quality Control/ Operations Research) M.Stat , M.Sc.(Mathematics / Applied Mathematics / Mathematics with Computer Sciences) provided the candidate has studied Mathematics and Statistics at B.A./B.Sc level as two of the three Optional subjects.

**517 Zoology**

M.Sc. Fisheries / Sericulture / Aquaculture / Anthropology / Marine Science / Poultry Sciences / Anatomy / Physiology / {An} Entomology Nematology {I.ARI} / Food and Nutrition / Biochemistry / Genetics / Microbiology / Biotechnology / M.Sc. {Tech} Environmental Sciences / Wildlife / Physiotherapy / Nuclear Medicine / Biological Sciences / Forensic Medicine / Neurobiology / Medical Chemistry / Pharmacology / M.Sc {Ophthalmology, Orthopedics} / M.P.Ed. {with Medicinal Physiology sports medicine / M.E. Biomedical Engineering / M. Pharmacy / M.D { Any branch of medicine } / M.D. Pharmacology / M.D pathology / M.D Gastro-eneterology / M.D Forensic Medicine.

**VIII. FACULTY OF ENGINEERING****601 Bio-Medical Engineering****602 Civil Engineering****603 Computer Science Engineering****604 Electrical & Electronics Engineering****605 Electronics & Communication Engineering****606 Mechanical Engineering****IX. FACULTY OF TECHNOLOGY****631 Chemical Technology / Chemical Engineering**

Environmental Engineering, Energy Engineering, Polymer Engineering, Cryogenic Engineering, Mineral Processing, Industrial Safety Engineering, Oil Technology, Petroleum Engineering, Petro Chemical Engineering, Rubber Technology, Nano Technology, Instrumentation, Electro Chemical Engineering, Computer Aided Design and Industrial Relations & Management, Fiber Science and Technology, Food Technology (Post harvesting Technology & Food Engineering).

**633 Food Technology**

Dairy Technology, ii. Dairy Science, iii. Chemical Engineering / Chemical Technology, iv. Bio-Technology, v. Production Engineering, vi. Oils and Fats Technology, vii. Fermentation Technology, viii. Mechanical Engineering, ix. Post-harvest Engineering & Environmental Science.

**634 Textile Technology**

a. Chemical Engineering / Chemical Technology, ii. Mechanical Engineering, iii. Textile Chemistry, iv. Material Science & Engineering, v. Polymer Science & Technology, vi. Environmental Engineering, vii. Fashion Technology, viii. Apparels, Clothing & Textiles, ix. Fiber Science & Technology, x. Business Management & Textile Management.

**X. FACULTY OF INFORMATICS****641 Information Technology**

M.C.A / M.Sc.(IS)