



**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 as multiple choice questions (MCQ).
- 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
 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 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 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
FACULTY OF ARTS	
101	AIHC&A
104	English
108	Linguistics
110	Persian
111	Philosophy
112	Sanskrit
FACULTY OF ORIENTAL LANGUAGES	
121	Arabic (Oriental)
123	Telugu (Oriental)
FACULTY OF SOCIAL SCIENCES	
151	Economics
154	Political Science
157	Social Work
158	Sociology
FACULTY OF COMMERCE	
201	Commerce
FACULTY OF EDUCATION	
301	Education
302	Physical Education
FACULTY OF LAW	
401	Law

Sub Code	Subject Name
FACULTY OF SCIENCE	
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
515	Physics
516	Statistics
517	Zoology
518	Computer Science
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
FACULTY OF TECHNOLOGY	
631	Chemical Technology / Chemical Engineering
633	Food Technology
634	Textile Technology
FACULTY OF INFORMATICS	
641	Information Technology

Note: The subjects shown in Annexure-I are as informed by the Deans concerned and subjected to availability after filling the Category-I Ph.D. admissions 2022.

A total of 50% available vacancies will be filled under Category-I and leftover vacancies will be filled through OU Ph.D. Entrance Test-2022. The details of leftover vacancies shall be available with the Deans of faculties after 16th August 2022.



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ANNEXURE-II

List of Allied Subjects

I. FACULTY OF ARTS

101 Ancient Indian History Culture & Archaeology

102 Arabic

103 Communication and Journalism

104 English

105 Hindi

106 Islamic Studies

The candidates must have studied Arabic, Persian, Urdu, at their school, intermediate or degree level.

Comparative religion, History, Philosophy, Political Science, Economics, Commerce, Sociology, Ancient Indian History Culture and Archaeology, Arabic, Persian, Urdu and Law.

107 Kannada

108 Linguistics

109 Marathi

110 Persian

111 Philosophy

112 Sanskrit

113 Telugu

114 Theatre Arts
Dance, Music, Folk theatre, Acting, Direction, Play writing, Radio & Television
Drama Production, Telugu Literature, Sanskrit Literature, English Literature, AIHCA.

115 Urdu

II. FAULTY OF ORIENTAL LANGUAGES

121 Arabic (Oriental)

122 Hindi (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).

124 Urdu (Oriental)

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)

152 History
Ancient Indian History, Culture and Archaeology, Islamic Studies

153 Library and Information Science
Psychology, Sociology, History, Management, Computer Science, IT, Informatics.

154 Political Science
Defence Studies, Defence and Strategic Studies, International Relations/Studies

155 Psychology
M.A psychology, M.Sc with Child Development, M.S.W, M.P.Ed./M.Ed., M.Sc.
Nursing, Medicine-(M.D or M.S. Psychiatry), MBA, Masters in Engineering with
Computer Science, M.Phil in Psychology/Rehabilitation Psychology/Clinical
Psychology.

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

IV. FACULTY OF COMMERCE

201 Commerce

Business Management

V. FACULTY OF MANAGEMENT

251 Management

Commerce, Psychology, Statistics and Economics

VI. 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

VII. FACULTY OF LAW

401 Law

VIII. 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)
- 507 Environmental Science**
M.Sc Botany / Zoology / Chemistry / Bio-Chemistry / Microbiology / Applied Geochemistry / Geology / Geography / Biotechnology / Life Sciences / Genetics / Forensic Sciences.
- 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 & Dietetics**
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.
- 518 Computer Science**

IX. 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

X. FACULTY OF PHARMACY

621 Pharmaceutical Sciences

M.Pharm of any specialization / M.Tech.(Bio tech.) / M.Tech.(Pharma. Technol.) & M.Sc.(Pharmacy) with B.Pharm degree.

XI. 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).

632 Bio-Technology

i. Bio Chemical Engineering, ii. Chemical Engineering, iii. Environmental Engineering, iv. Environmental Management, v. Environmental Bio-Technology, vi. Genetic Engineering, vii. Food Engineering & Technology, viii. Pharmaceutical Bio-Technology, ix. Agricultural Bio-Technology, x. Bio-Informatics & Bio-Technology, xi. Bio-Medical Engineering & Bio-Technology, xii. Bio-Process Engineering, xiii. Fermentation Technology xiv. Microbial Bio – Technology, xv. Tissue Engineering.

633 Food Technology

i. 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

i. 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.

XII. FACULTY OF INFORMATICS

641 Information Technology

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