

# **Maharaja Surajmal Brij University**

**CHAK SAKITARA, KUMHER, BHARATPUR (321201)**

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**Website – [www.msbrijuniversity.ac.in](http://www.msbrijuniversity.ac.in)**

**MSBUPET -2023**

**Date: 14.12.2023**

**(Notification for Admission to Ph.D.)**

Online applications are invited for admission to Ph.D. in various subjects through Ph.D. Entrance Test-2023 as per provisions of University Research Ordinance and University Grants Commission (Minimum Standards and Procedures for Award of Ph.D. Degree) Regulations, dated 7th November, 2022.

**Eligibility:** As per University Research Ordinance and University Grants Commission (Minimum Standards and Procedures for Award of Ph.D. Degree) Regulations, Dated 7th November, 2022.

**Ph.D.:** Admission to Ph.D. in different subjects will be made subject to availability of seats as displayed on the University website in the order of merit in Ph.D. Entrance Test 2023 (Qualifying test and Interview)

**Reservation of Seats:** As per Reservation Policy of the State Govt.

**Application Form: To be filled online from 21.12.2023 to 15.01.2024** and forward one single file PDF to [ucrd@msbrijuniversity.ac.in](mailto:ucrd@msbrijuniversity.ac.in) along with the proof of fees and attested copies of supporting documents including : Secondary, Senior Secondary, Graduation, Post-Graduation, NET, NET-JRF, SLET/SET or equivalent, Caste Certificate (attach latest valid OBC and EWS certificate, if applicable), Domicile Certificate, Physically Handicap Certificate.

**Date and Time of Test: 29-01-2024: 12:00 PM-02:00 PM**

**Pattern of Entrance Test:** The entrance test shall be of qualifying nature with qualifying marks as 50% (a relaxation of 5 % marks will be allowed in the entrance examination for the candidates belonging to SC/ST/OBC/differently-abled category, Economically Weaker

Section (EWS), and other categories of candidates as per the rules). The syllabus of the entrance test shall consist of 50% portion from subject specific domain and 50% from research methodology. The paper shall consist of 70 objective type multiple choice questions of 1 mark each. The test shall be of 2 hours duration. Answers will be marked on OMR sheet. The qualified candidates twice the number of Advertised seats shall be called for

interview. For final selection a weightage of 70 % for the entrance test and 30 % for the performance in the interview/viva- voce shall be given.

**Syllabus for Entrance Test:** As given on the University website.

**Admit Card:** To be downloaded from University website from **25-01-2024**.

**Notes:**

1. Candidates are advised to visit the University website [www.msbrijuniversity.ac.in](http://www.msbrijuniversity.ac.in) from time to time for related announcements and updates. No. correspondence with individual candidates will be made or entertained.
2. Permission to appear in the Entrance test does not guarantee the eligibility for the admission. All the applicants who fill up the online application form will be provisionally allowed to appear in the written Examination. The eligibility for admission to Ph.D. will be checked after the entrance examination (before interview).
3. On account of the eligibility conditions or any unavoidable circumstances, University reserves the right to cancel the admission to Ph.D. even at a later stage.
4. Eligibility as on last date on filling the online application form shall be considered. Any addition in eligibility or otherwise thereafter will not be considered.
5. As per the UGC Guidelines UGC/CSIR-NET (JRF)/GPAT or any other Equivalent National Examination Qualified are exempted from the entrance exam, however they have to apply Online and appear in the interviews.
6. Candidates who have applied earlier need not to apply again however they can update the status, if qualified any of the above mentioned examination.
7. All matter related to Ph.D. Entrance Test shall be subject to the jurisdiction of Rajasthan High Court, Jaipur.

**Coordinator**  
**MSBUPET - 2023**

## **General Rules and Information**

**APPLICATION FEE:** Rs. 1500/- for candidates of Unreserved/OBC (creamy layer) category and Rs. 1500/- for the candidates of SC/ST/OBC (non creamy layer) /MBC/EWS category to be paid through online mode through University website.

**ELIGIBILITY:** The following are eligible to seek admission to the Ph.D. programme:

**(1) Candidates who have completed:**

A 1-year/2-semester master's degree programme after a 4-year/8-semester bachelor's degree programme or a 2-year/4-semester master's degree programme after a 3-year bachelor's degree programme or qualifications declared equivalent to the master's degree by the corresponding statutory regulatory body, with at least 55% marks in aggregate or its equivalent grade in a point scale wherever grading system is followed or equivalent qualification 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 to assess, accredit or assure quality and standards of the educational institution.

A relaxation of 5% marks or its equivalent grade may be allowed for those belonging to SC/ST/OBC (non-creamy layer)/Differently-abled, Economically Weaker Section (EWS) and other categories of candidates as per the decision of the Commission from time to time.

Provided that a candidate seeking admission after a 4-year/8-semester bachelor's degree programme should have a minimum of 75% marks in aggregate or its equivalent grade on a point scale wherever the grading system is followed. A relaxation of 5% marks or its equivalent grade may be allowed for those belonging to SC/ST/OBC (non-creamy layer)/Differently-abled, Economically Weaker Section (EWS) and other categories of candidates as per the decision of the Commission from time to time.

- (2)** Candidates who have completed the M.Phil. programme with at least 55% marks in aggregate or its equivalent grade in a point scale wherever grading system is followed or equivalent qualification 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 to assess, accredit or assure quality and standards of educational institutions, shall be eligible for admission to the Ph.D. programme. A relaxation of 5% marks or its equivalent grade may be allowed for those

belonging to SC/ST/OBC (non-creamy layer)/Differently-abled, Economically Weaker Section (EWS) and other categories of candidates as per the decision of the Commission from time to time.

**Ph.D. THROUGH PART TIME MODE: -**

- (1) Ph.D. programmes through part-time mode will be permitted, provided all the conditions as stipulated in University Research Ordinance are fulfilled.
- (2) The candidate will produce a 'No Objection Certificate' for part time Ph.D. programme from competent authority of the organization where the candidate is employed. Such certificate should clearly state that :
  - i. The candidate is permitted to pursue studies on a part-time basis.
  - ii. His/her official duties permit him/her to devote sufficient time for research.
  - iii. If required, he/she will be relieved from the duty to complete the course work.

**ADMISSION PROCEDURE: -**

- i. Candidates who have secured 50 % marks in the MCQ based written entrance test shall be eligible to be called for the interview.
- ii. The selection of candidates shall be based on the entrance test and interview conducted by the University. A weightage of 70 % for the entrance test and 30 % for the performance shown in the interview/viva- voce shall be given.
- iii. The entrance test shall be of qualifying nature with qualifying marks as 50%. The syllabus of the entrance test shall consist of 50% portion from research methodology and 50% from subject specific domain. The examination will consist of two sections. Section - A shall consist of 35 Multiple Choice Questions (MCQ) based on Research Methodology (One mark for each question) and Section- B will consist of 35 Multiple Choice Question (MCQ) (One mark for each question) from the subject concerned. There will be no negative marking. The test shall be of 2.00 hours duration (Answers will be marked on OMR sheet).
- iv. A relaxation of 5 % marks will be given in the entrance examination for the candidates belonging to SC/ST/OBC/differently-abled category and Economically Weaker Section (EWS).
- v. The syllabus of the Section- A "Research Methodology" is given on University website. The syllabus of Section - B (Subject Specific) will be the same as that of UGC-CSIR NET examination and can be obtained from the website of UGC (<https://www.ugcnetonline.in/syllabus-new.php>) or CSIR (<https://csirhrdg.res.in/Home/Index/1/Default/2666/78>).
- vi. Qualified candidates, maximum twice the number of seats, shall be called for interview/viva-voce before the DRC to discuss their research interest/area and give a presentation on the same.
- vii. State-level reservation and admission policy shall be applicable.

- viii. If the number of seats is equal to or more than the qualified candidates, the DRC may recommend all or less number of candidates depending upon the viva voce/interview.
- ix. If the number of seats is less than the number of qualified candidates, the final selection shall be made on the basis of combined merit in the qualifying test and viva voce/interview.

### **COURSEWORK**

- i. The candidate selected above will have to undergo Course Work in lines with the norms of the University.
- ii. The candidate must get minimum 55% marks or equivalent grade point to pass the course work.
- iii. Duration of Course Work shall be of 6 months. This duration will be counted in completion of Research Work. In case a candidate fails in course work examination fully/partially, he shall be given one more chance and will be allowed to reappear in the next Course Work examination conducted by the University on deposition of prescribed fee/registration fee as per the University Rules.
- iv. If a candidate fails to clear Course Work examination in two attempts, his admission will be treated as cancelled.

### **DURATION OF RESEARCH WORK**

- i. Ph.D. programme shall be for a minimum period of 3 years including Course Work and maximum of 6 years for full time research scholars and for a minimum period of 4 years including Course work and maximum of 7 years for part time research scholars.
- ii. The extension beyond the above limits may be permissible for a further period of one year on case-to-case basis by the University. No further extension shall be granted after this period and candidates shall be required to re-register afresh beyond this period.
- iii. Women candidates and candidate with disability (more than 40% disability) may be allowed a relaxation of two years in maximum period. In addition, the women candidates may be provided Maternity Leave/Child Care Leave once in entire duration for upto 240 days. 75% attendance in the Course Work classes will be compulsory to become eligible for the Course Work examination.

## **Syllabus for Ph.D. Entrance Test**

### **Section A: Research Methodology Common for all Subjects**

1. Research Foundation: Meaning, Objectives, Utility. Concept of theory, Empiricism, Deductive, and Inductive theory. Characteristics of Scientific methods. Understanding the language of research: Concept, Construct, Variable. Research Process, Research Gaps.
2. Identification & Formulation: Definition and formulation of the research problem, Necessity of defining the problem, Importance of Literature Review in defining a Problem. Research Question: Investigating Question, Measurement Issues, Hypothesis: Qualities of a good hypothesis, Null hypothesis and alternative Hypothesis. Hypothesis Testing: Logic & importance.
3. Research Design: Features of a good research Design, Exploratory Research Design: Concept, Types and uses; Descriptive Research Design: concept, types and uses; Experimental Design: Concept of Independent & Dependent Variables.
4. Data Collection and Analysis: Execution of the research, Observation and Collection of Data, Methods of Data collection, Hypothesis testing, Generalization and Interpretation.
5. Sampling: Concept of Statistical population, Sample, Sampling Frame, Sampling Error, Sample size, Nonresponse. Characteristics of a good sample. Probability Sample, Simple Random Sample, Systematic Sample, Stratified Random Sample & Multi-stage Sampling. Determining size of the sample; Practical considerations in sampling and Sample size.
6. Interpretation of Data and Paper Writing: Layout of a Research Paper, Impact factor of journals, When and where to publish? Use of Encyclopedias, Research Guides, Handbook etc., Academic databases for concerned discipline.
7. Reporting and Thesis writing: Structure and components of Scientific Reports, Types of Report, Technical Reports and Thesis, Significance; Different steps in the preparation: Layout, Structure and Language of typical reports. Illustrations and Tables. Bibliography, Referencing and Footnotes. Oral presentation: Planning, Preparation, Practice. Making presentation: Use of visual aids, Importance of effective Communication.
8. Results and Ethics: Environmental impacts, Ethical issues, Ethical Committees, Commercialization, Copyright, Royalty, Intellectual Property Rights and Patent Law-Trade-related aspects of intellectual property Rights. Ethical issues Related to publishing, Plagiarism and Self-Plagiarism. Citation and Acknowledgment. Reproducibility and Accountability.

## **Syllabus for Ph.D. Entrance Test**

### **Section B Subject Specific**

The syllabus of Section - B (Subject Specific) will be the same as that of UGC-CSIR NET examination and can be obtained from the website of

UGC (<https://www.ugcnetonline.in/syllabus-new.php>)

or

CSIR (<https://csirhrdg.res.in/Home/Index/1/Default/2666/78>)

Note: Candidates are advised to visit the University website [www.msbrijuniversity.ac.in](http://www.msbrijuniversity.ac.in) from time to time for related announcements and updates. No correspondence with individual candidate will be made or entertained.

For any other information or any query, applicants are advised to contact during office hours from Monday to Saturday (10.00 AM to 05.00 PM). Candidates may also send their queries on email – [admission@msbrijuniversity.ac.in](mailto:admission@msbrijuniversity.ac.in)

**Coordinator  
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