

# Ph.D. Admissions – January 2025

## Doctor of Philosophy Programme (Ph.D.)



# PPSU

P P SAVANI UNIVERSITY

Academic Year 2024-25

Authored by: P P Savani University

P P Savani University Campus,  
NH48, GETCO, Near Biltech,  
Village: Dhamdod, Kosamba, Dist.: Surat – 394 125.

## 1. Preamble

P P Savani University shall award the degree of Doctor of Philosophy (Ph.D.) to the candidate who successfully accomplishes the Research Program in the respective field at the University. These guidelines have been framed in accordance with the UGC (Minimum Standards and Procedure for Awards of Ph.D. Degree) Regulation and subject to vary time to time based on UGC guidelines.

## 2. Admission

During AY 2024-25 (January 2025 Batch), the admission is open for:

School of	Area / Field	No. of Seats Vacant
Engineering	<ul style="list-style-type: none"><li>Computer Engineering</li><li>IOT/Machine Learning</li><li>Structural Engineering</li><li>Concrete Technology</li><li>Chemical Engineering</li><li>Mechanical Engineering</li></ul>	33
Science	<ul style="list-style-type: none"><li>Biotechnology</li><li>Chemistry</li><li>Microbiology</li><li>Biochemistry</li><li>Environmental Science</li><li>Bioinformatics</li><li>Physics</li><li>Mathematics</li></ul>	29
Liberal Arts & Management Studies	<ul style="list-style-type: none"><li>Marketing</li><li>Economics</li><li>Commerce</li><li>Finance and Accounting</li><li>Information Technology Systems and Analytics</li><li>Operations Management &amp; Quantitative Techniques</li><li>Organisational Behaviour and Human Resource Management</li><li>Strategy and Entrepreneurships</li><li>Humanities and Liberal Arts (Psychology, English, Public Administration Etc.)</li></ul>	34
Pharmacy	<ul style="list-style-type: none"><li>Pharmaceutical Science</li></ul>	04
Nursing	<ul style="list-style-type: none"><li>All Allied Areas</li></ul>	01
Physiotherapy	<ul style="list-style-type: none"><li>All Allied Areas</li></ul>	03
Homeopathy	<ul style="list-style-type: none"><li>All Allied Areas</li></ul>	07

### 3. Eligibility for Admission

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.

- As per UGC Public Notice, dated March 27, 2024, NET/GATE/GPAT score will be considered valid for PhD Admissions. However, the candidate must appear for Research Proposal Presentation & Interactions.
- The candidates not having valid NET/GATE score must appear for PPSU Doctoral Entrance Test and Research Proposal Presentation & Interactions.

3) As per UGC Public Notice, dated March 27, 2024, the determination of eligibility of NET/GATE for different categories is summarized as:

Qualified For	Eligible for		
	JRF	Assistant Professor	PhD Admission
<b>Category I:</b> Award of JRF and appointment as Assistant Professor	YES	YES	YES
<b>Category II:</b> Appointment as Assistant Professor and admission to PhD	NO	YES	YES
<b>Category III:</b> Admission to PhD Only	NO	NO	YES

#### 4. Admission Process

- The candidate must apply online for PPSU Doctoral Entrance Test using link available on website. Refer [www.ppsu.ac.in](http://www.ppsu.ac.in).
- PPSU Doctoral Entrance Test consist of:
  - Written Test (50 Marks);
    1. Domain Specific 25 Question & Research Competency 25 Questions
    2. For Research Competency Syllabus **Refer Annexure 1.**
    3. Each Question will carry One Mark, No Negative Marking.
  - Interview consist of Research Proposal Presentation & Interactions (50 Marks)
- The candidate who has qualified with NET (JRF)/ SLET / M Phil in the respective field shall be exempted from the Written Test. However, it does not guarantee the direct admission for Ph.D. Final admission shall be done based on Research Proposal Presentation & Interaction.
- Students who have secured 50 % marks in the entrance test are eligible to be called for the interview.

- The candidate must submit a copy of Research Proposal & Presentation on/before the day of Interview.

## 5. Duration of the Programme

- Ph.D. Programme shall be for a minimum duration of three (3) years, including course work, and a maximum duration of six (6) years from the date of admission to the Ph.D. programme.
- A maximum of an additional two (2) years can be given through a process of re-registration as per the Statute/Ordinance of the Higher Educational Institution concerned; provided, however, that the total period for completion of a Ph.D. programme should not exceed eight (8) years from the date of admission in the Ph.D. programme. Provided further that, female Ph.D. scholars and Persons with Disabilities (having more than 40% disability) may be allowed an additional relaxation of two (2) years; however, the total period for completion of a Ph.D. programme in such cases should not exceed ten (10) years from the date of admission in the Ph.D. programme.
- Female Ph.D. Scholars may be provided Female Ph.D. Scholars may be provided Maternity Leave/Child Care Leave for up to 240 days in the entire duration of the Ph.D. programme.

## 6. Ph.D. through Part-time Mode

- Ph.D. programmes through part-time mode will be permitted, provided all the conditions stipulated in these Regulations are fulfilled.
- The candidate must submit a “No Objection Certificate” for a part-time Ph.D. programme from the appropriate authority in the organization where the candidate is employed, clearly stating that:
  1. The candidate is permitted to pursue studies on a part-time basis.
  2. His/her official duties permit him/her to devote sufficient time for research.
  3. If required, he/she will be relieved from the duty to complete the course work.

## 7. Course Work

The candidate should undertake Course Work of 12 credits as under:

No.	Course	Credit	Remarks
1.	Research Methodology	04	University Level
2.	Research & Publication Ethics	04	University Level
3.	Domain Specific Core Course I	04	Institute Level
4.	Domain Specific Core Course II	04	Institute Level

- A Ph.D. scholar must obtain a minimum of 55% marks or its equivalent grade in the UGC 10-point scale in the course work to be eligible to continue in the programme and submit his or her thesis.

### **8. Allocation of Supervisor**

- Upon successful completion of coursework, the candidate shall be allotted to the Research Supervisor as per the availability and expertise in the same field.
- No External Research Supervisor shall be provided. However, in case of Interdisciplinary research, the candidate may be given an expert as a co-supervisor by the University.
- In case the Supervisor leaves the University during the ongoing research of a Candidate, the supervisor may continue guiding the candidate (As Co-Supervisor) if he/she is willing to continue for the same, subject to completion of more than 50% of research work by the scholar.

### **9. Research Advisory Committee and its Functions**

- There shall be a Research Advisory Committee for each Ph.D. scholar. The Principal/Dean of the Institute shall be the Convener of this committee, and this committee shall have the following responsibilities:
  1. To review the research proposal and finalize the topic of research.
  2. To guide the Ph.D. scholar in developing the study design and methodology of research and identify the course(s) that he/she may have to do.
  3. To periodically review and assist in the progress of the research work of the Ph.D. scholar.
- Each semester, a Ph.D. scholar shall appear before the Research Advisory Committee to make a presentation and submit a brief report on the progress of his/her work for evaluation and further guidance. The Research Advisory Committee shall submit its recommendations along with a copy of Ph.D. scholar's progress report to PhD Coordinator for record purposes. A copy of such recommendations shall also be provided to the Ph.D. scholar.
- In case the progress of the Ph.D. scholar is unsatisfactory, the Research Advisory Committee shall record the reasons for the same and suggest corrective measures. If the Ph.D. scholar fails to implement these corrective measures, the Research Advisory Committee may recommend, with specific reasons, the cancellation of the registration of the Ph.D. scholar from the Ph.D. programme.

## 10. Fee Structure:

Sr. No.	Admission In	Application Form & Entrance Test Fee	Enrollment Fee (One Time)	Tuition Fee
1.	School of Science (All Programme)	3000	12500	40000
2.	School of Engineering (CE/IT)	3000	12500	30000
3.	School of Engineering (All Others)	3000	12500	40000
4.	School of Nursing	3000	12500	30000
5.	School of Physiotherapy	3000	12500	30000
6.	School of Homeopathy	3000	12500	30000
7.	School of Pharmacy	3000	12500	40000
8.	School of Liberal Arts & Management Studies	3000	12500	30000
9.	School of Architecture	3000	12500	30000
Semester Evaluation Fees (Till Synopsis Approval)				6750
Thesis Evaluation & Viva Voce Fees (To be paid along with Thesis Submission)				15000

The Fee Structure is applicable for AY 2024-25.

## 11. Contact Details:

Dr Niraj Shah

Coordinator, PhD Programme,

P P Savani University,

At & PO: Dhamdod - 394125, Gujarat, India.

Email: niraj.shah@ppsuv.ac.in

Contact: 9512025617 / 9099063010



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**P P Savani University**

P P Savani University Campus, NH48, GETCO, Near Biltech, Village: Dhamdod,

Kosamba, Dist.: Surat-394 125.

# **ANNEXURE 1**



**DOCTOR OF PHILOSOPHY (Ph.D.) PROGRAMME****Ph.D. Entrance Test  
Syllabus for Research Competency**

Questions for Ph.D. Entrance Test will be from (but not restricted to) the Research Topics mentioned below:

- **Foundation of research:** *Aims and objectives of research, Types of research – basic, novel and applied research, Research methods vs Methodology - Meaning, aims, nature and scope of research Prerequisites of research Types of research - Descriptive vs. Analytical, Applied vs. Fundamental, Quantitative vs. Qualitative, Conceptual vs. Empirical.*
- **Research Problem and its design:** *Significance of research problem, Sources & characteristics of a research problem, selecting the problem, Techniques involved for a good research problem, Meaning and types of research design.*
- **Data collection:** *Methods of Data Collection- Observation, Interview, Questionnaires, Schedules, Survey and Experimental. Selection of Appropriate Method for Data Collection.*
- **Data analysis:** *Variables, Numerical, Categorical, Central measures (mean median and mode), Dispersion measures (range, standard deviation), Probability co-relation and regression, Binomial position and normal distribution, parametric and non-parametric, Basic Statistical Methods of Data Analysis such as Frequency distribution, chi-square test.*
- **Research writing & ethics:** *Synopsis, Article/Research Paper, Book-Review, Case Review, Criteria of Good Research, Environmental impacts and Ethical issues, Plagiarism, Citation, Referencing style and acknowledgement.*
- **Information and communication technology (ICT)/General knowledge:** *Need of ICT in research, Word Processing, Excel, Power Point, Basics of internet and e-mailing, current political, economic, social, cultural and legal affairs in India.*

**Reference Books:**

1. *Garg, B.L., Karadia, R., Agarwal, F. and Agarwal, U.K. Reprint 2019 edition. An Introduction to Research Methodology, RBSA Publishers, New Delhi.*
2. *Kothari, C.R. 2018 (4th edition). Research Methodology: Methods and Techniques. New Age International, New Delhi, 418p.*
3. *Sinha, S.C. and Dhiman, A.K., 2002. Research Methodology (set Of Two Vol.) (vol. I), Ess Ess Publications.*
4. *John W. Creswell and J. David Creswell, 2018 (5th edition). Research Design: Qualitative, Quantitative and Mixed methods approaches, SAGE Publications, Inc.*
5. *Trochim, William M.K., 2005. Research Methods: The Concise Knowledge Base, Atomic Dog Publishing, New Delhi, 270p.*
6. *Montgomery D.C., 2001 (5th edition). Design and Analysis of Experiments, John Wiley and Sons, New York, 684p.*
7. *Gupta, S.P., 2021 (46th edition). Statistical Methods. Sultan Chand and Sons, New Delhi.*
8. *Wadehra, B.L. 2004. Law Relating to Patents, Trade-marks, Copyright, Designs and Geographical indications. Universal Law Publishing Co Ltd., New Delhi*
9. *Leedy, P.D. and Ormrod, J.E., 2010 (9th edition) Practical Research: Planning and Design, Prentice Hall, Upper Saddle River, N.J..*

**Sample Questions for the Ph.D. Entrance Test**

- Q1.** *A good piece of research is the product of*
- (a) A good research library*
  - (b) Collective scholarship*
  - (c) A penetrating and analytical mind*
  - (d) A touch of genius*
- Q2.** *Which of the following skills/qualities is most important for a researcher?*
- (a) Desire to discover the truth*
  - (b) Communication skills*
  - (c) Ability to gather data*
  - (d) Ability to work hard*
- Q3.** *Research can be conducted by a person who:*
- (a) Has studied research methodology*
  - (b) Holds a phd degree*
  - (c) Possesses thinking and reasoning ability*
  - (d) has attain a requisite age*
- Q4.** *Which of the following gives the measure of consistency of data ?*
- (a) Mean*
  - (b) Standard deviation*
  - (c) Mode*
  - (d) Median*
- Q5.** *Which of the following is database of online journals ?*
- (a) Scopus*
  - (b) Medical*
  - (c) Engineering*
  - (d) Science*
- Q6.** *What is Plagiarism ?*
- (a) Air borne disease*
  - (b) Practice of showing someone's work as own without proper consent*
  - (c) A magazine*
  - (d) Holy place*

**Q7.** Which of the following is not a “Graphic representation” ?

- (a) Pie Chart
- (b) Bar Chart
- (c) Table
- (d) Histogram

**Q8.** Which of the following tools is best for calculation with the help of formulae ?

- (a) Excel
- (b) Power point presentation
- (c) Word
- (d) Notepad

**Q9.** Census of India is a \_\_\_\_\_

- (a) Syndicate data source
- (b) Internal data source
- (c) Government data source
- (d) Non-government data source

**Q10.** Film and TV institute of India is located in \_\_\_\_\_

- (a) Vadodara, Gujarat
- (b) Pune, Maharashtra
- (c) Kolkata, West Bengal
- (d) Panjim, Goa