

# DAV UNIVERSITY JALANDHAR



## Ph.D Programme Admission (2021-22)

(August intake 2021)

# Information Brochure

## Ph.D. PROGRAM FOR 2021-22 (August Intake)

DAV University, Jalandhar invites application for admission to Doctor of Philosophy (Ph. D) for the following disciplines for the session 2021 (August intake):

Discipline/Department	Slots	Field of specialization
Physics	16	Space Science and Engineering, Condensed matter Physics, Vedic studies, Theoretical Plasma Physics, Material Science, Nanoscience, Nanomaterials, Theoretical Nonlinear Physics, Solar Cells, Bio-medical applications of magnetic nanomaterials, Experimental Solid State Physics
Chemistry	9	Solution Chemistry, Thermodynamics, Green Chemistry Biochemistry, Analytical Chemistry, Organic Chemistry, Supramolecular chemistry, inorganic chemistry, material chemistry, crystal engineering, Supramolecular Chemistry, Nanochemistry and optical chemosensor
Mathematics	2	Complex Analysis
Biotechnology	2	Biotechnology, Plant Biotechnology, Plant stress biology
Commerce, Business Management	8	Finance, Accounting and management,
Computer Science & Applications	4	Soft Computing and Machine Learning, Digital Image Processing
Agriculture	9	Plant Breeding, Agri-Biotechnology, Plant Pathology, Molecular Genetics, Biotechnology, Plant Sciences, Botany, Genomics, Vegetable Science, PHT/Vegetable Science.
Computer Science & Engineering	7	Machine learning, Optimization Algorithms, Wireless Network, Soft Computing, Machine learning
Civil Engineering	2	Soil mechanics and foundation engineering, Ground improvement and Geoenvironmental Engineering
Electronics Communication & Engineering	3	Communication Engineering / Microwave Absorbing Materials / Coatings & Thin Films
Electrical Engineering	2	Electrical machine and instrumentation, optimization process control, neural network, Biomedical
Mechanical Engineering	3	Manufacturing, Non -Conventional machining, Manufacturing/ Non –conventional machining

## **ELIGIBILITY CRITERIA FOR ADMISSION TO Ph.D. PROGRAMME:**

- I. Master's degree or a professional degree declared equivalent to the Master's degree by the corresponding statutory regulatory body, with at least 55% marks in aggregate or its equivalent grade 'B' in the UGC 7-point scale (or an equivalent grade in a point scale wherever grading system is followed) 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.
- II. Candidates who have cleared the M.Phil. Course work with at least 55% marks in aggregate or its equivalent grade 'B' in the UGC 7-point scale or an equivalent grade in a point scale wherever grading system is followed and successfully completed M.Phil. Degree from DAV University or its affiliated institutions shall be eligible to proceed to do research work leading to the Ph. D. Degree.

A person whose M.Phil. Dissertation submitted to DAV University has been evaluated and the viva voce is pending may be admitted to the Ph.D. programme.

Candidates possessing a Degree considered equivalent to M.Phil. Degree with 55% marks or B grade on the 7 point scale of an Indian Institution or 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.

- III. A relaxation of 5% of marks, from 55% to 50%, or an equivalent relaxation of grade, may be allowed for those belonging to SC/ST/OBC (non-creamy layer)/differently-abled and other categories of candidates as per the decision of the Government/Commission from time to time.

- **An entrance test will be held for admission to Ph.D Programme on 04 September 2021.**
- The candidates who have qualified/received UGC(NET/JRF)/ UGC-CSIR (JRF) examination/SLET/ GATE/INSPIRE/GPAT/ICAR-SRF (PGS)/ Rajiv Gandhi Fellowship awardees/Maulana Azad National Fellowship/JEST/teacher fellowship holder or have passed M.Phil. from DAV University, Jalandhar and foreign candidates sponsored by ICCR or any other department of Government of India will be exempted from Ph.D eligibility test **but they need to apply online before the due date to be considered for interview**

## Fee Structure:

S No.	Fee Type	Amount
1.	Entrance form, Application, Prospectus	Rs. 1000/-
2.	Enrollment/Provisional Registration	Rs. 10000/-
3.	Security (Refundable)	Rs. 10000/-
4.	Annual fee (to be paid in two installments, six monthly)	Rs. 22000/- + Rs. 22000/-
5.	Course Work (Rs. 10000/- per paper)	Rs. 40000
6.	Examination	Rs. 2500/-
7.	Thesis Submission & Defense	Rs. 15000/-

### Late Fees

S.no.	Fee type	Amount
1.	Registration	10,000/-
2.	Annual Progress Report	2,500/-

### Other Fees

S.no.	Fee type	Amount
1.	Topic modification	10,000/-
2.	Extension in research tenure beyond 5 <sup>th</sup> year of research	25,000/-
3.	Extension in research tenure beyond 6 <sup>th</sup> year of research	35,000/-
4.	Extension in thesis submission (for three months)	10,000/-
5.	Conversion fee (full time to part time and vice versa)	10,000/-

## PROCEDURE FOR ADMISSION

**Start of registration: July 08, 2021**

**Last date of filing of application form – 30 August, 2021**

**Ph.D Entrance Test –04 September, 2021**

## HOW TO APPLY

The candidates interested in the above courses are requested to fill the entrance test registration form available on university website. Download and submit the filled application form along with self-attested copies of mark sheet (Matric onwards), Passport size photographs and fee of Rs. 1000 (one thousand). You can directly pay to DAV University Fee Collection Account, A/c no. 33004567006, State Bank of India, DAV University, Sarmastpur, Jalandhar, IFSC: SBIN0002395 and attached transaction slip along with the online submitted application form.

**Submit the application form latest by 01 September, 2021 to:**

**The Registrar  
DAV University  
Village Sarmastpur  
Jalandhar Pathankot National Highway (NH-44)  
Jalandhar 144012  
Punjab**

in an envelope which must be superscribed as, **“APPLICATION FOR ADMISSION TO PhD (FULL TIME/PART TIME) IN THE DEPARTMENT OF \_\_\_\_\_,**

Note:

- For detailed PhD guidelines visit the university [website: www.davuniversity.org](http://www.davuniversity.org)
- Candidates who have cleared **NET/SLET/GATE/JRF exam** will be exempted from entrance test. **However they too are required to fill the application form.**
- No TA/DA will be paid to the candidate appearing for Entrance Test/Interview.

#### **Ph.D. ENTRANCE TEST**

The candidates will be required to attempt 60 Multiple choice questions, each question carrying 1 mark. The entrance test will include 30 questions of research methodology and 30 questions of the subject. The syllabus of the entrance test of each department is uploaded.

- **Date of Test: 4 September, 2021**
- **Time: 11:00 am – 12:10 noon**
- **Exam Centre: DAV University Campus, Jalandhar**

#### **PERSONAL INTERVIEW**

Eligible Candidates (qualified in the entrance test and exempted from entrance test) will be called for personal interview. The candidates are required to discuss their research interest/area through a presentation before a duly constituted Committee.

The interview shall consider the following aspects, viz. whether:

- a) The candidate possesses the competence for the proposed research;
- b) The research work can be suitably undertaken at the University
- c) The proposed area of research can contribute to new/additional knowledge.

**Qualifying the test and interview will not entitle a candidate to claim for admission in the University. Final selection of the candidate will be subject to availability and consent of the research supervisor.**