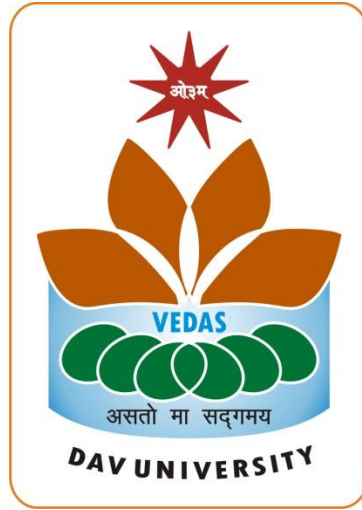# DAV UNIVERSITY
JALANDHAR

Ph.D Programme Admission (2021-22)

Information Brochure

Ph.D. PROGRAM FOR 2021-22 (January Intake)

DAV University, Jalandhar invites application for admission to Doctor of Philosophy (Ph. D) for the following disciplines for the session 2021-22 (January intake):

Discipline/Department	Slots	Field of specialization
Physics	11	Space Science and Engineering, Polymer thin film, thermoelastcity Condensed matter, vedic studies, Plasma Physics, Condensed Matter Physics, Material Science, Condensed Matter Physics, Magnetism, Nanomedicine, Nanomagnetism, Experimental Physics,Theoretical Nonlinear Physics
Chemistry	5	Physical Chemistry, Analytical Chemistry, Organic Chemistry, Supramoleculer and optical chemosensors/Inorganic Chemistry
Mathematics	3	Complex Analysis, Algebra
Biotechnology	3	Plant Stress Biology, Plant Metabolic Engineering, Host Pathogen Interaction
Commerce, Business Management	8	Commerce, Marketing & Strategic Management, Finance, Marketing Management.
Computer Science & Applications	5	Soft Computing and Machine Learning, Digital Image Processing, Data Mining and Machine Learning, Software Engineering, Machine Learning and Cyber Security
Agriculture	4	Plant Pathology, Horticulture (Vegetable Science), Genetics & Plant Breeding
Computer Science & Engineering	4	Machine Learning, Deep Learning Nature-Inspired Metaheuristic, Algorithms, Medical Image Processing. Wireless Networks, Machine Learning, Soft Computing, IoT
Civil Engineering	2	Geotech and Geo environmental Engineering
Electronics Communication & Engineering	2	Radar absorbing material /coating
Electrical Engineering	2	
Mechanical Engineering	1	Non-conventional Machining/Manufacturing
Zoology	1	Environment and conservation

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 it 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 31 January, 2022.**

- 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 5th year of research	25,000/-
3.	Extension in research tenure beyond 6th 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: 06 January, 2022

Last date of filing of application form – 27 January, 2022

Ph.D Entrance Test –31 January, 2022

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 a demand draft of Rs 1000/- (one thousand) in favour of Registrar, DAV University, Payable at Jalandhar or you can directly pay 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 form.

Submit the application form latest by 27 January 2022 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
- 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: 31 January 2022**

- **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.