DAV UNIVERSITY
JALANDHAR

Ph.D Programme
Admission (2022-23)

(August intake 2022)

Information Brochure

Ph.D. PROGRAM FOR 2022-23 (August Intake)

DAV University, Jalandhar invites application for admission to Doctor of Philosophy (Ph. D) for the following disciplines for the session 2022 (August intake):

Discipline/Department	Slots	Field of specialization
Physics	11	Space Science and Engineering, Condensed matter Physics, Vedic studies, Theoretical Plasma Physics, Material Science, Theoretical Nonlinear Physics, Semiconducting Nanoparticles Experimental Solid State Physics
Chemistry	5.5	Physical Chemistry, Biophysical Chemistry, Green Chemistry, Analytical Chemistry, Organic Chemistry, Supramolecular Chemistry, Organometallic Chemistry, Inorganic Chemistry, Supramolecular/Nano Chemistry
Mathematics	2	Complex Analysis
Biotechnology	2	Host-Pathogen Interaction, Plant stress biology
Commerce, Business Management	5	Marketing, Finance, Accounting, Strategy and Marketing
Computer Science & Applications	4	Digital Image Processing, Software Engineering, Machine Learning and Cyber Security, Data Mining and Machine Learning
Agriculture	7	Plant Breeding, Agri-Biotechnology, Plant Pathology, Molecular Genetics, Biotechnology, Plant Sciences, Botany, Genomics, Vegetable Science, PHT/Vegetable Science.
Computer Science & Engineering	3	Wireless Networks, Machine Learning, Soft Computing, IoT
Civil Engineering	2	Soil mechanics and foundation engineering, Ground improvement and Geoenvironmental Engineering
Electronics Communication & Engineering	3	Radar absorbing material /coating
Electrical Engineering	2	Electrical machine and instrumentation, optimization process control, neural network, Biomedical
Mechanical Engineering	8	Non-conventional machining, composites, Composite materials Advanced materials Advance machining methods, Welding & FEM
Vedic Studies	4	Vedic Sahitya avem Mahatama Anand Swami Sahitya , Indian Philosophy

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 14 August 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: June 30, 2022

Last date of filing of application form – August 10, 2022

Ph.D Entrance Test –14 August 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 fee of Rs. 1000/- (one thousand). You can directly pay to DAV University Fee Collection Account, A/c no. **50100095257362, HDFC Bank, IFSC: HDFC0001339** and attached transaction slip along with the online submitted application form.

Submit the application form latest by August 10, 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: August 14, 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.