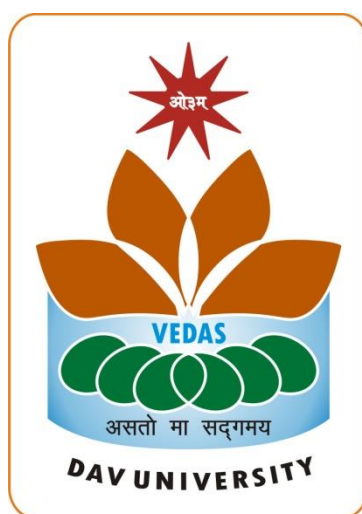


# DAV UNIVERSITY

JALANDHAR- PATHANKOT NATIONAL HIGHWAY-44

SARMASTPUR, JALANDHAR-144012, PUNJAB



## Ph.D Programme Admission (2019-20)

(January 2020)

## Information Brochure

## PH.D. PROGRAM FOR 2019-20 (January Intake)

DAV University, Jalandhar invites application for admission to Doctor of Philosophy (Ph. D) for the following disciplines for the session 2019-20 (January intake):

<b>Discipline/Department</b>	<b>Field of specialization</b>
Mechanical Engineering	Manufacturing, Industrial Production
Electronics Communication & Engineering	Communication Engineering / Microwave Absorbing Materials / Coatings & Thin Films
Commerce Business Management	Accounting & Managerial Practices, Marketing & Strategic Management, Finance, Marketing Management, Management (HRM)
Physical Education	Sports psychology, Test, Measurement and Evaluation
Agriculture	Vegetable Science, Plant Pathology, Genetics & Plant Breeding, Plant Physiology
Biotechnology	Virology and Molecular Biology, Plant Metabolic Engineering and Stress Biology
Botany	Plant Physiology
Chemistry	Analytical Chemistry, Organic Chemistry, Supramolecular and optical chemosensors, Inorganic Chemistry
Computer Science & Applications	Natural Language Processing and Artificial intelligence, Machine learning Soft Computing and Machine Learning Digital Image Processing
Mathematics	Complex Analysis, Algebra
Physics	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

## **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 December 22, 2019.**
- 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**

## PROCEDURE FOR ADMISSION

**Start of registration: November 20, 2019**

**Last date of filing of application form – December 15, 2019**

**Ph.D Entrance Test – December 22, 2019**

### 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 .

**Submit the application form latest by December 15, 2019 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 100 Multiple choice questions, each question carrying 1 mark. The entrance test will include 50 questions of research methodology and 50 questions of the subject. The syllabus of the entrance test of each department is uploaded.

- **Date of Test: December 22, 2019**
- **Time: 11:00 am – 1:00 pm**
- **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.**