

# विवरणिका PROSPECTUS | 2018-19

स्नातक एवं स्नातकोत्तर पाठ्यक्रम  
Undergraduate & Post Graduate Courses

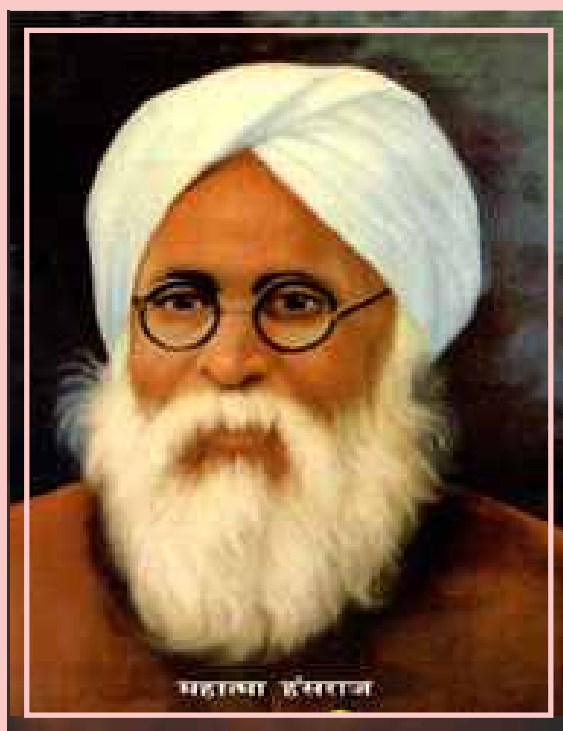


हंसराज कॉलेज  
—दिल्ली विश्वविद्यालय—



HANSRAJ COLLEGE  
— University of Delhi —

## FOUNDING INSPIRATION



### MAHATMA HANS RAJ

(1864 – 1938)

The College was founded to preserve the memory of Mahatma Hans Raj, acknowledged as the founding father of D.A.V. movement in undivided India. Frail in body but heroic in spirit, Mahatmaji was selflessly dedicated to the cause of education. He started his career as the Honorary Founder Head Master of D.A.V. School, Lahore in 1886 and over the next 50 years went on to guide the destiny of the D.A.V. movement in India.

“Hansraj College has occupied a prestigious place on the educational map of Delhi, many of its students and teachers have figured among the best in the country”

**A.B. Vajpayee**  
Former Prime Minister of India

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# ADMINISTRATION

Principal (Offg.)	Dr. Rama, M.A., M.Phil., Ph.D.
Bursar	Dr. Mona Bhatnagar, M.Sc., M.Phil., Ph.D.
Public Information Officer	Dr. Anand Mittal, M.A., Ph.D.
Warden	Dr. Manjit Singh Saggi, M.Com., Ph.D.
Liaison Officer (SC/ST)	Dr. Dinesh Kumar Gautam, M.Sc., Ph.D.
Liaison Officer (OBC)	Dr. Braham Prakash, M.A., Ph.D.
Liaison Officer (PWD)	Dr. Vandana Kumari Singh, M.Sc., M.Phil., Ph.D.
Admn. Officer (Offg.) & Sr. P. A. to Principal	Sushil Kumar Gupta, M.A., M.Com.
Library In-charge	Suraj Pal, B.A., B.Lib.

## CONVENERS, ADMISSION COMMITTEE

### Arts & Commerce

Dr. Sharmila Shrivastava

### Sciences

Dr. Monica Dinodia

## CONVENER, PROSPECTUS PUBLICATION COMMITTEE

Dr. Amit Sehgal

The Principal will address students admitted to First Year classes on **Friday, July 20<sup>th</sup> with programme starting with havan at 09.00 A.M.** in the College Auditorium.

Regular session of the College will start from **Friday, July 20<sup>th</sup>, 2018.**

### Disclaimer

This Prospectus is a compilation of inputs assembled and collated from College, University documents and the related sources. Due care has been taken to reproduce this official version of Prospectus comprising information, rules and regulations. It should, in no case, be interpreted as a warranty regarding completeness and accuracy of the information so provided, as a ready reference. The College disclaims any liability towards any individual for any loss or damage caused to him/her arising out of any action taken on the basis of this information, which may be due to inadvertent omissions, clerical errors or for any other reason whatsoever. The College reserves the right to suitably modify, update or delete any part of the Prospectus without any prior notice.







## डॉ. रमा कार्यवाहक प्राचार्या

हंसराज कॉलेज में आप सबका स्वागत है। 5000 से भी अधिक विद्यार्थियों, प्रतिबद्ध शिक्षकों तथा समर्पित नॉन टीचिंग स्टाफ से युक्त हंसराज कॉलेज दिल्ली विश्वविद्यालय का प्रतिष्ठित कॉलेज है। हंसराज कॉलेज भारत में उत्कृष्ट अकादमिक केंद्र के रूप में जाना जाता है और यह कॉलेज भारत के शीर्ष 5 महाविद्यालयों में शुमार है। जुलाई 1948 में अपनी स्थापना के बाद से ही महात्मा हंसराज की प्रेरणा और पदचिन्हों पर चलते हुए हंसराज कॉलेज ने अनेक उपलब्धियाँ हासिल की हैं और आज भी निरंतर प्रगति के पथ पर अग्रसर है। कॉलेज का विकास महात्मा हंसराज के आदर्शों और भारत में शिक्षा के विकास के प्रति उनकी प्रतिबद्धता को प्रतिबिंबित करता है। हंसराज कॉलेज विभिन्न आयामों में अपने उत्कृष्ट प्रदर्शन और अन्य विविध गतिविधियों के जरिए देश और दुनिया का नंबर एक कॉलेज बनने के लिए अनवरत प्रयत्नशील है।

समय के साथ कॉलेज अपनी आधारभूत संरचना को प्रभावशाली ढंग से विकसित करने में सफल रहा है। इसमें बड़ी मात्रा में उपलब्ध महत्वपूर्ण पुस्तकों तथा तकनीकी सुविधाओं से युक्त पुस्तकालय एवं छात्रों के लिए छात्रावास भी शामिल है। कॉलेज में 7 कंप्यूटर लैब और 20 विज्ञान विषयों से सम्बंधित प्रयोगशालाएँ भी हैं। खेलकूद की दृष्टि से कॉलेज में एक विशाल स्पोर्ट्स ग्राउंड, एक इंडोर स्पोर्ट्स कॉम्प्लेक्स, विश्वविद्यालय की एक मात्र इलेक्ट्रॉनिक शूटिंग रेंज के साथ अन्य कई संरचनाएँ मौजूद हैं। कॉलेज के पास 50 आई.सी.टी. युक्त कक्षाएँ, एक वातानुकूलित आधुनिक सभागार, दो वातानुकूलित संगोष्ठी कक्ष, कांफ्रेंस रूम, एम्फीथिएटर, योगा कक्ष, मीडिया लैब, जिम, प्लेसमेंट सेल एवं इवैल्यूएशन सेंटर सहित कई आवश्यक संरचनाएँ भी उपलब्ध हैं। ऑनलाइन अकादमिक सामग्री की उपलब्धता सुनिश्चित करने एवं विद्यार्थियों को अद्यतन बनाए रखने के लिए पूरे कॉलेज में वाई-फाई की सुविधा उपलब्ध कराई गयी है जो विश्वविद्यालय के सर्वर से जुड़ा हुआ है। कॉलेज में विशेष सक्षम (दिव्यांग) विद्यार्थियों की सुविधा और सहायता के लिए अलग से इनैब्लिंग यूनिट कार्यरत है जहाँ इन्टरनेट सुविधा के साथ ही उनके लिए जरूरी सॉफ्टवेयर से युक्त कंप्यूटर, ब्रेल पुस्तकें एवं अन्य उपकरण उपलब्ध हैं। हाल के वर्षों में इन संरचनाओं के विकास

की दृष्टि से कई कार्य किए गए हैं जिनमें पूरे कॉलेज में साफ़ एवं सुरक्षित पेयजल की उपलब्धता सुनिश्चित करने के लिए केंद्रीकृत आर.ओ. प्लांट, सोलर प्लांट एवं वाटर हार्वैस्टिंग आदि की व्यवस्था भी शामिल है। हाल ही में कॉलेज में 115 फीट ऊँचा तिरंगा स्तम्भ स्थापित किया गया जो अपने आप में अनूठा है।

कॉलेज में एक ओर जहाँ भारतीय संस्कृति और वैदिक परंपरा से विद्यार्थियों को परिचित कराने एवं उनमें मानवीय मूल्यों के विकास हेतु कॉलेज में स्थित यज्ञशाला में मासिक यज्ञ का आयोजन किया जाता है जिसमें कॉलेज के विद्यार्थी, प्राध्यापक तथा कर्मचारी सभी भाग लेते हैं, वहीं दूसरी ओर अकादमिक गतिविधियों के साथ-साथ विभिन्न सांस्कृतिक गतिविधियों के द्वारा लगातार बेहतर शैक्षिक माहौल बनाए रखने के साथ ही अपने समृद्ध सांस्कृतिक इतिहास से विद्यार्थियों को जोड़ने का निरंतर प्रयास किया जाता है। विभिन्न संगोष्ठियों, व्याख्यानों, उत्सवों, प्रतियोगिताओं आदि के जरिये वर्ष भर हमारे विद्यार्थी और शिक्षक इस दिशा में सक्रिय रहते हुए विश्वविद्यालय में उत्कृष्ट प्रदर्शन कर कॉलेज को गौरवान्वित करते हैं। कॉलेज जरूरतमंद प्रतिभाशाली विद्यार्थियों को अनेक स्कालरशिप और फ्रीशिप भी प्रदान करता है। कॉलेज में एटीएम सुविधा युक्त केनरा बैंक भी उपलब्ध है। कॉलेज का प्लेसमेंट सेल तृतीय वर्ष के विद्यार्थियों को अनेक राष्ट्रीय-अंतर्राष्ट्रीय कंपनियों एवं प्रतिष्ठानों में नौकरी के अवसर सुनिश्चित करने की दिशा में महत्वपूर्ण प्रयास करता है। कॉलेज के पास अपने पूर्व विद्यार्थियों का एक व्यापक नेटवर्क है जो कॉलेज के सदस्यों और विद्यार्थियों को व्यक्तिगत और प्रोफेशनल स्तर पर सहयोग एवं संवाद का बेहतर मंच प्रदान करता है।

सभी नवागंतुक विद्यार्थियों का कॉलेज परिसर में स्वागत करते हुए मुझे अत्यंत हर्ष हो रहा है। आप हमसे जुड़ते हुए कॉलेज की समृद्ध परंपरा एवं मूल्यों के लिए काम करने और उसे नई ऊँचाई प्रदान करने की दिशा में कार्य करने एवं अपने कॉलेज जीवन का बेहतर उपयोग करने का संकल्प लें तथा कॉलेज एवं राष्ट्र के निर्माण एवं विकास में अपनी सक्रिय भूमिका का निर्वाह करें। आपसे हंसराज कॉलेज परिवार की यही अपेक्षा है।



# Staff Council Committees 2018-19

Chairman  
Secretary

Dr. Rama  
Ms. Shailu Singh

## Conveners

ADMISSIONS COMMITTEE	Science	Dr. Monica Dinodia
ADMISSIONS COMMITTEE	Arts & Commerce	Dr. Sharmila Shrivastava
SCIENCE TIME TABLE COMMITTEE	Science	Dr. Namrata Soni
ART & COMMERCE TIME TABLE COMMITTEE	Arts & Commerce	Dr. Sanjay Kumar
LIBRARY COMMITTEE		Mr. Sushil Kumar
HOSTEL COMMITTEE	Warden	Dr. Manjit Singh Saggi
HOSTEL COMMITTEE	Dy-Warden	Mr. Sushil Kumar
SPORTS COMMITTEE		Dr. M. P. Sharma
SPORTS ADMISSION COMMITTEE		Dr. M. P. Sharma
STUDENTS' WELFARE COMMITTEE/ DISCIPLINE & ATTENDANCE COMMITTEE		Dr. R K Mishra
CANTEEN COMMITTEE		Mr. Sushil Kumar
DEVELOPMENT FUND COMMITTEE		Dr. Lokesh Chandra Mishra
SC/ST COMMITTEE		Dr. Manoj Kumar
FINANCE COMMITTEE		Dr. Mona Bhatnagar (Bursar)
ENVIRONMENT AWARENESS COMMITTEE		Mr. Justin Mathew
SPIC-MACAY COMMITTEE		Mr. S. N. Prasad
INTERNAL COMPLAINTS COMMITTEE		Dr. Alka Kacker
WORKLOAD COMMITTEE		Dr. Mithuraaj Dhusiya
EQUAL OPPORTUNITY CELL COMMITTEE		Dr. Neera Chopra
CENTRAL PURCHASE COMMITTEE		Dr. Vijay Rani Rajpal
GRIEVANCE COMMITTEE		Dr. Lokesh Chandra Mishra
WOMEN'S DEVELOPMENT COMMITTEE		Ms. Preetinder Kaur
GARDEN COMMITTEE		Dr. Mithuraaj Dhusiya
SPECIAL CATEGORIES ADMISSIONS ENABLING COMMITTEE		Mr. Satish Chand
ECA		Dr. Maya Verma
DEBATING SOCIETY		Dr. Vijay Kumar Mishra
DRAMATICS		Dr. Sharma Bhanu Bhupendra
MUSIC AND DANCE		Dr. Hema Chutani
PUBLICATION COMMITTEE		Dr. Amit Sehgal
PORTAL COMMITTEE/ IT ENABLING COMMITTEE		Sh. Sanjay Batra
NORTH-EAST CELL		Dr. Beauty Das
ENACTUS		Dr. Alka Kacker
ENABLING UNIT		Dr. Vandana Kumari Singh





हंसराज महाविद्यालय एक सर्वोत्कृष्ट संस्थान होने के साथ-साथ दिल्ली विश्वविद्यालय का प्रतिष्ठित संस्थान है। यह डी.ए.वी. के 1000 से भी अधिक संस्थानों के मध्य एक सर्वोत्तम संस्थान है। यह महाविद्यालय विभिन्न विषयों के विशेषज्ञ शिक्षाविदों के कारण अनेक क्षेत्रों, जैसे— अकादमिक, खेल एवं अन्य पाठ्येतर गतिविधियों में अपना महत्वपूर्ण स्थान रखता है। भारत के लगभग 5000 महाविद्यालयों में हंसराज महाविद्यालय का स्थान शीर्ष पाँच में है। इसने विभिन्न विशेषज्ञों, बुद्धिजीवियों और विद्वानों के द्वारा समाज की सेवा में महत्वपूर्ण योगदान दिया है, जो देश और विदेश में ख्याति प्राप्त है।

कालेज में ज्ञान का आदान-प्रदान चार स्तरों पर होता है— प्रथम स्तर पर दिन में चलने वाली नियमित कक्षाएँ हैं जो सोमवार से शुक्रवार तक चलती हैं। द्वितीय स्तर पर तीन विदेशी भाषाओं (जर्मन, फ्रेंच और स्पैनिश) के लिए अपराह्न में कक्षाएँ लगती हैं। तीसरे स्तर पर पत्राचार तथा नॉन कोलेजिएट छात्राओं के लिए रविवार और अवकाश के दिनों में कक्षाएँ लगती हैं। इसके अतिरिक्त यहाँ इग्नू की कक्षाएँ भी संचालित होती हैं।

चौथे स्तर पर उन वंचित वर्ग के विद्यार्थियों की कक्षाएँ 2 से 5 बजे तक चलती हैं जिसका संचालन एनएसएस के विद्यार्थियों द्वारा संचालित 'पढ़ाकू' नामक एनजीओ द्वारा किया जाता है। यह विवेकानन्द के सार्वभौम भ्रातृत्व के सिद्धांत को परिलक्षित करता है।

Hansraj College, an institution par-excellence, is the pride of Delhi University and the flagship College among more than a thousand educational institutions run by the DAV family. A premier institution with highly qualified academicians imparting education in different fields, the College today enjoys a reputation for outstanding performance in academics, sports and co-curricular activities. Hansraj College is rated among the top five Colleges out of about 5000 Colleges in India. It has made a significant contribution to the society in terms of producing numerous dignitaries, scholars and intellectuals, who have served and are serving different domains in our country and abroad.

The College offers educational services at four different levels: first, regular teaching at undergraduate level is carried out from Monday to Friday; second, afternoon classes for part-time courses in three foreign languages (German, French and Spanish); third, classes for students registered with the Non-collegiate Women Education Board on Sundays and holidays. Apart from the said classes, the classes for IGNOU are also conducted in the college and fourth, classes for underprivileged school children from the neighbourhood from 2 p.m. to 5.00 p.m. on working days under the banner of Padhakhu (NGO). In catering to the educational requirements of different groups of learners, the College seeks to realize Swami Vivekananda's vision of universal fellowship.





## संकाय

महाविद्यालय में विभिन्न विभागों में कुल 200 शिक्षक कार्यरत हैं। ये शिक्षक कॉलेज की अकादमिक उत्कृष्टता और छात्रों के बहुमुखी विकास के लिए दिन-रात समर्पित रहते हैं। कॉलेज में 151 कर्मचारी कार्यरत हैं जो समर्पित भाव से काम करते हैं।

## स्वास्थ्य-सुविधा केन्द्र

महाविद्यालय के पास एक स्वास्थ्य सुविधा केन्द्र है जिसमें नियमित रूप से चिकित्सक एवं नर्स बैठते हैं। इस सुविधा का लाभ शिक्षक, कर्मचारी एवं सभी छात्र उठा सकते हैं। इनकी सहायता के लिए एक परिचारिका उपलब्ध है।

## पुस्तकालय

हमारे कॉलेज में विज्ञान संकाय के विद्यार्थियों और शिक्षकों के लिए विभागीय स्तर पर पुस्तकों की उपलब्धता के अतिरिक्त एक केन्द्रीय पुस्तकालय है जिसमें बड़ी संख्या में विभिन्न विषयों से संबंधित उपयोगी पुस्तकें उपलब्ध हैं। पुस्तकालय सभी कार्यदिवसों को प्रातः 8.30 बजे से सायं 5 बजे तक खुला रहता है। परीक्षा के दौरान पुस्तकालय रात्रि 8 बजे तक तथा शनिवार एवं रविवार को भी सायं 4 बजे तक खुला रहता है। पुस्तकालय में विज्ञान, वाणिज्य एवं कला संकाय के लिए अलग-अलग वाचनालय, स्टॉक हॉल, संवाद कक्ष एवं रिसोर्स कक्ष की सुविधाएं उपलब्ध हैं। पुस्तकालय में जरूरतमंद विद्यार्थियों के लिए एक बुक बैंक की सुविधा भी उपलब्ध है। हमलोगों ने तीव्र और बेहतर सुविधाओं से युक्त आर.एफ.आई.डी. आधारित लाइब्रेरी प्रणाली के तहत सभी विद्यार्थियों को एक आर.एफ.आई.डी. स्मार्ट कार्ड उपलब्ध करवाया है जो उनके लिए आई-कार्ड का भी काम करता है और इससे पुस्तकों को निर्गत करने और जमा करने की प्रक्रिया अधिक तेज और सरल हो गयी है। प्रत्येक विद्यार्थी को एक सप्ताह के लिए अधिकतम चार पुस्तकें निर्गत की जाती है।

## Staff

The College has 180 teachers in various departments. Our dedicated faculty members are committed to academic excellence and an all-around development of the students. Assisting them in their efforts are 157 non-teaching staff members who efficiently run the institutional machinery.

## Health Care Centre

The College has a health care centre with a regular doctor and a nurse to assist them. Faculty members and students may get a health card issued from the centre.

## Library

Our College has a well stocked central library along with exclusive libraries for students and teachers of science subjects. The central library remains open on all working days from 8:30 a.m. to 5:00 p.m. During examination time, the library is open till 8:00 pm and even on Saturday and Sunday till 4:00 pm. The library consists of a spacious reading rooms along with stack halls separate for science and arts-commerce subjects, discussion room and resource room. The library has a book bank for needy students. We have fully functional RFID-based library system. RFID smart cards are issued to every student for inventory control and faster check-out of books which also serves as their I-Cards. Maximum up to four books are issued to each student for maximum one week.





# सुविधाएँ और विशेषताएँ Facilities And Features

## खेल-कूद

महाविद्यालय के पास आंतरिक और बाहरी दोनों तरह के खेलों के लिए सुविधाएँ हैं जिनमें योग केंद्र और जिम भी शामिल है। अनेक छात्र विविध राज्य और राष्ट्रीय स्तर पर विभिन्न तरह की प्रतियोगिताओं जैसे – पिस्टल शूटिंग, तीरंदाजी, बास्केटबॉल, बैडमिंटन और क्रिकेट में कई खिताब जीत चुके हैं। लॉनटेनिस, तैराकी और टेबल टेनिस में भी यहाँ के छात्रों का प्रदर्शन सराहनीय रहा है। इसके साथ ही विद्यार्थियों ने शतरंज, पोलो और अन्य व्यक्तिगत प्रतिस्पर्धाओं में भी बेहतरीन प्रदर्शन किया है। खेल-कूद में इसकी उपलब्धि को देखते हुए दिल्ली विश्वविद्यालय खेल परिषद् द्वारा इसे चांसलर ट्रॉफी से सम्मानित किया जा चुका है।

**खेलों की सूची:** 1. बास्केटबॉल (पुरुष) 2. तैराकी (पुरुष) 3. लॉन टेनिस (पुरुष) 4. स्क्वैश रैकेट 5. तीरंदाजी (पुरुष-महिला दोनों) 6. शूटिंग (पिस्टल एंड राइफल, पुरुष एवं महिला) स्किट, ट्रैप शॉर्टगन (केवल अन्तरराष्ट्रीय प्रतिस्पर्धा) 7. टेबल टेनिस (पुरुष-महिला) 8. बैडमिंटन (पुरुष-महिला) एवं 9. शतरंज।

“खेल सबके लिए” योजना के तहत यह प्रत्येक विद्यार्थी के लिए उपलब्ध है। सभी विद्यार्थी से यह अपेक्षा की जाती है कि वे इनका लाभ उठाएँ और विशेष जानकारी के लिए समन्वयक डॉ. एम.पी. शर्मा जी से संपर्क करें।



## Sports

The College has facilities for both outdoor and indoor games. Its students have won University, State and National level championships in pistol shooting, archery, basketball, badminton, cricket etc. The performance of its teams in lawn tennis, swimming, table-tennis, etc. has been equally commendable. In chess, polo and other individual events too, the College has performed well.

**List of Games:** 1. Basket Ball (M), 2. Aquatics (M) (Swimming) 3. Lawn Tennis (Men) 4. Squash Racket 5. Archery (M & W) 6. Shooting (Pistol & Rifle, (M & W)) (only International in Skit, Trap, Shotgun) 7. Table Tennis (M & W) 8. Badminton (M & W) 9. Chess.

Sports facilities are made available to all students under the programme 'Games For All'. All students are expected to participate. Existing facilities are continuously upgraded and improved. Your suggestions for further improvement may be directed to Dr. M. P. Sharma, Convener, Sports Committee.



## छात्रावास

छात्रों के लिए कॉलेज में स्नातक स्तर के 200 छात्रों के रहने की व्यवस्था है। इसके अन्तर्गत एक कॉमन रूम, एक बहुआयामी व्यायामशाला और आंतरिक तथा बाह्य खेलों की सुविधा उपलब्ध है। भोजन की व्यवस्था परस्पर सहयोग पर आधारित है, जिसमें छात्रावास की भोजनालय समिति का महत्वपूर्ण योगदान रहता है। छात्रावास में विद्युत की अबाध आपूर्ति के लिए जेनरेटर की व्यवस्था है। विश्वविद्यालय के स्वास्थ्य सेवा केंद्र के तहत विद्यार्थियों के लिए स्वास्थ्य सुविधा भी उपलब्ध करायी जाती है। सभी छात्रों के लिए वाई-फाई सुविधा भी उपलब्ध है। छात्रावास की सुविधा लेने हेतु छात्रों को एक अलग आवेदन-पत्र भरना होता है जो कि छात्रावास के कार्यालय में उपलब्ध होता है। कॉलेज में प्रवेश मिलने से इस बात की गारंटी नहीं है कि छात्र को छात्रावास में प्रवेश मिलेगा ही।

## कैंटीन

कॉलेज की कैंटीन 375 वर्गमीटर में फैली है और इसमें एक साथ लगभग 150 व्यक्ति समायोजित हो सकते हैं। शिक्षक वर्ग, कर्मचारी वर्ग और छात्र इस कैंटीन की नियमित सेवाएं लेते हैं। इसमें उचित मूल्य पर विभिन्न तरह के खाद्य और पेय-पदार्थ उपलब्ध रहते हैं। इसके अतिरिक्त विविध खाद्य पदार्थों और पेय पदार्थों की एक अन्य स्टाल भी उपलब्ध है। कैंटीन से संबंधित किसी भी प्रकार के शिकायत व सुझाव के लिए श्री सुशील कुमार भौतिकी विभाग से सम्पर्क किया जा सकता है।

## संगोष्ठियाँ और समितियाँ

कॉलेज में विविध तरह की शैक्षणिक और गैर-शैक्षणिक गतिविधियों के प्रोत्साहन के लिए अनेक समितियों का गठन हुआ है— जैसे वाद-विवाद समिति, नाट्य परिषद्, ललित कला समिति, हरितिमा (पर्यावरण जागरूकता समिति) और स्पिक मैके समिति इत्यादि। कॉलेज का छात्र-संगठन वार्षिक कॉलेज समारोह 'कॉन्फ्लुएन्स' के आयोजन में सक्रिय भूमिका निभाता है। ये गतिविधियाँ विद्यार्थियों के बहुमुखी प्रतिभा प्रदर्शन और उनके विकास के लिए एक बेहतरीन मंच उपलब्ध कराती हैं।

## संगोष्ठी कक्ष

महाविद्यालय में तीन संगोष्ठी कक्ष हैं जो सर्व-सुविधाओं से सम्पन्न हैं। ये कक्ष सभाओं, वाद-विवाद आदि के लिए प्रयोग किए जाते हैं। इन कक्षों में प्रोजेक्टर तथा साउंड की सुविधा भी उपलब्ध है।

## Hostel

The College accommodates around 200 undergraduate male students in its hostel. It has a common room, a multifaceted gym and arrangements for indoor and outdoor games. Dining facilities are managed on co-operative basis by a Mess Committee of resident students. Power back-up is now available twenty four hours a day. Medical aid is provided at the World University Service Health Centre situated nearby. Wi Fi facility is available to all the students.

Students needing hostel accommodation should apply separately on a prescribed form (available from the College Hostel Office) immediately after finalization of their admission to the College. Admission to the College does not guarantee admission to the Hostel. A separate Prospectus is available from the hostel office to guide you for this purpose.

## Canteen

The College Canteen is spread over 375 sq.m. and accommodates approximately 150 users. Staff members and students share the Canteen. It aims to provide a variety of quality food & beverages at competitive rates. For any problems/ queries regarding the Canteen, please contact the Convener, Canteen Committee, Sh. Sushil Kumar, Physics Department.

## Seminars & Societies

The College promotes extra-curricular activities by organizing seminars and forming societies viz. Debating Society, Dramatics Society, Fine Arts Society, Haritima (Environment Awareness Society) and Spic-Macay Society. The Student's Union plays an important role in organizing the Annual College Festival CONFLUENCE. These activities aim to provide a platform for the students to explore and display their talents as well as enhance them further for community development.

## Conference/ Seminar Room

The College has recently constructed three conference / seminar rooms. These spaces have a professional ambience, with optimal seating capacity, and are well ventilated and IT enabled.



## एन.सी.सी.

कॉलेज की एन.सी.सी. शाखा उन विद्यार्थियों को प्रशिक्षित करती है जिनकी सेना, नौसेना तथा वायुसेना में रुचि है। यह छात्रों को अनुशासन, राष्ट्रप्रेम और समाज सेवा जैसे मूल्य सिखाती है। इसमें भाग लेने के इच्छुक विद्यार्थी इसके समन्वयक डॉ. अरविन्द कुमार, गणित विभाग से सम्पर्क कर सकते हैं।

## एन.एस.एस.

राष्ट्रीय सेवा योजना विभिन्न तरह के समाज कल्याण व विकास गतिविधियों के माध्यम से विद्यार्थियों के भीतर एक सामाजिक उत्तरदायित्व की भावना पैदा करता है। जैसे प्रौढ़ साक्षरता, स्वैच्छिक चिकित्सा सेवा, राहत से संबद्ध कार्यक्रम व बच्चों का कल्याण इत्यादि जो विद्यार्थी इसमें सहभागिता की रुचि रखते हैं वे इसकी समन्वयक डॉ. रोमिला रावत, वनस्पति विज्ञान विभाग से सम्पर्क कर सकते हैं।

## इनैब्लिंग यूनिट

यह इकाई शारीरिक रूप से विकलांग विद्यार्थियों की शैक्षणिक समस्याओं और उनके निदान से संबंधित है। यह विभिन्न शैक्षणिक और गैर-शैक्षणिक गतिविधियों के माध्यम से उनकी क्षमताओं को निखारती है। यह उन्हें विभिन्न तरह की तकनीकी सहायता जैसे कम्प्यूटर स्कैनर, प्रिन्टर, ब्रेल लिपि में छपी पुस्तकें उपलब्ध कराकर उनकी प्रतिभा को नया आयाम देती है। ऐसे विद्यार्थियों के लिए वीडियो व्यवस्था, अन्य तकनीकी यंत्र तथा विशेष सुविधा से युक्त शौचालय सहित एक अलग कमरा आवंटित है। इस इकाई की समन्वयक डॉ. वंदना कुमारी सिंह, प्राणिविज्ञान विभाग हैं।

## प्लेसमेंट सेल

कॉलेज में एक बहुत ही सक्रिय प्लेसमेंट सेल कार्यरत है। इसका उद्देश्य युवा विद्यार्थियों को रोजगार के क्षेत्र में नये अवसरों से परिचित कराना और उन्हें रोजगार देना है। विगत कुछ वर्षों में विभिन्न प्रतिष्ठित कम्पनियों जैसे— अर्नस्ट एंड यंग, गूगल, एक्सचेंजर, के.पी.एम.जी., एच.सी.एल. इत्यादि ने अपनी सेवाओं के लिए हमारे कॉलेज के छात्रों का चयन किया है। विस्तृत जानकारी के लिए छात्र डॉ. मोना भटनागर, भौतिकी और ऋणाणु विज्ञान विभाग से संपर्क कर सकते हैं।

## N.C.C.

The College N.C.C. wing imparts training to students interested in Army, Navy and Air Force activities. It inculcates discipline, patriotism and community service in the students and sometimes helps in framing their careers. Interested students are requested to contact the Convener Dr. Arvind Kumar, Department of Mathematics for further details.

## N.S.S.

The National Service Scheme develops a sense of social responsibility in students through a variety of social welfare and development activities such as adult literacy, voluntary hospital service, child welfare and relief programmes. Those desirous of participating in these activities are requested to contact the Convener Dr. Romila Rawat, Department of Botany.

## Enabling Unit

The Enabling Committee aims to address the academic requirements of differently-abled students of the College. The Enabling Committee tries to help the students achieve academic growth through various curricular and co-curricular activities. It also provides many assistive devices such as computer, scanner, printer, Braille books etc. to differently-abled students. A separate room with video facilities and special toilet facility is also available for these students. Dr. Vandana Kumari Singh of Department of Zoology is the Convener of this Society.

## Placement Cell

The College has a very active Placement cell which aims to provide access to job opportunities for fresh graduates of the College. In the past our students have been hired in well-established firms such as Ernst & Young, Google, Accenture, K.P.M.G., HCL etc. For further information students may contact Dr. Mona Bhatnagar, Department of Physics & Electronics.





## कम्प्यूटर सुविधाएँ

कॉलेज के पास हर तरह की अद्यतन सुविधाओं से युक्त सात कम्प्यूटर प्रयोगशालाएँ हैं, जिसमें आई.बी.एम., एच.सी.एल और एच.पी. के 210 कम्प्यूटर हैं। इसके अतिरिक्त एल.सी.डी. प्रोजेक्टर, प्लाज्मा टी. वी. जैसी अन्य सुविधाएँ भी उपलब्ध हैं।

## प्राक्तन छात्र संगठन (एलुमनाई एसोसिएशन)

हंसराज कॉलेज के प्राक्तन संगठन में 11000 से ज्यादा सदस्य हैं। इसका उद्देश्य विभिन्न क्षेत्रों में कार्यरत हंसराज कॉलेज के पुराने विद्यार्थियों को एक मंच पर लाना है, जिससे उनमें सहयोग एवं संवाद हो सके। इसके सफल संचालन हेतु कई तरह के प्राधिकारियों की नियुक्ति होती है। प्राक्तन छात्र संगठन की वार्षिक बैठक प्रतिवर्ष फरवरी के प्रथम रविवार को आयोजित होती है। कई वर्षों से होने वाला यह आयोजन विद्यार्थियों व शिक्षकों में नयी ऊर्जा व उत्साह का संचार कर रहा है।



## फिटनेस सेन्टर

कॉलेज में छात्रों के शारीरिक एवं मानसिक स्वास्थ्य संवर्धन के लिए हाल ही में कॉलेज ने एक नया कदम उठाते हुए एक फिटनेस सेन्टर की स्थापना की है। यह व्यायाम के विभिन्न आधुनिक उपकरणों से सुसज्जित है।

## एम्फीथियेटर

कॉलेज परिसर में एम्फीथियेटर की सुविधा उपलब्ध है। इस सुविधा का लाभ छात्र वर्ग विभिन्न प्रकार की पाठ्येतर गतिविधियों जैसे नृत्यकला, नाट्यकला आदि का अभ्यास एवं प्रदर्शन कर प्राप्त कर सकते हैं। छात्रवर्ग इस मंच का उपयोग सांस्कृतिक एवं अकादमिक प्रतियोगिताओं हेतु कर सकते हैं।

## Computer Infrastructure

The College has seven well-equipped and well managed Computer Laboratories. Approximately 210 state-of-the-art machines from IBM, HCL & HP and LCD Projectors, Plasma TVs and Interactive Boards are available along with all other necessary peripherals.

## Alumni Association

The Hans Raj College Alumni Association has more than 11000 members. It aims to bring together the various alumni on a common platform for strengthening the network of its student community. It has a formally organized structure with elected office bearers sharing the responsibility of its functioning with the College. Its annual meeting is held in the College on the first Sunday of every February. Over the years, these meetings have emerged as a warm meeting ground for ex-students and their families.



## Fitness Centre

The College has recently taken the key initiative of improving the physical and mental healths of its students and staff members. As a part of this initiative, the College has developed a fitness centre. The centre comprises of latest exercise equipments supervised by fitness experts.

## Amphitheatre

The College has an amphitheatre for various activities by the students. The students often use this place for practicing events such as choreography, plays, skits etc. Students also use this platform for their cultural competitions etc.





## यज्ञशाला एवं वी.वी.आर.आई.केंद्र

छात्रों में भारतीय संस्कारों एवं वैदिक संस्कृति के आधान के लिए वी.वी.आर.आई. में संस्थापित यज्ञशाला में प्रतिमास यज्ञ का आयोजन किया जाता है। वैदिक सिद्धांतों के प्रचार-प्रसार के उद्देश्य से स्थापित यह केंद्र वेद, उपनिषद् आदि प्राचीन ग्रंथों को प्रोत्साहित करता है।

## सभागार

कॉलेज में सभी आधुनिक सुविधाओं से सुसज्जित एक वातानुकूलित सभागार है। इसमें लगभग 600 व्यक्तियों के बैठने की क्षमता है। यह छात्रों को विभिन्न प्रकार की अकादमिक एवं पाठ्येतर गतिविधियों के लिए मंच प्रदान करता है। सभागार के मुख्य प्रवेश द्वार पर एक भव्य प्रतीक्षाकक्ष है।

## पत्रिका

कॉलेज 'हंस' नाम से एक वार्षिक पत्रिका का प्रकाशन करता है। जिसमें विभिन्न छात्र, शिक्षक और कर्मचारी वर्ग की मौलिक रचनाएँ प्रकाशित होती हैं। इसके अन्तर्गत हिन्दी, अंग्रेजी और संस्कृत तीनों भाषाओं की रचनाएँ प्रकाशित की जाती हैं।

## शुल्क में छूट

जरूरत मंद और पिछले वर्ष के परिणामों के आधार पर योग्य छात्रों को शुल्क में छूट देने का प्रावधान है। इस सुविधा का लाभ उठाने हेतु विद्यार्थियों को एक निर्धारित फार्म भरना होता है। इस संबंध में विस्तृत जानकारी के लिए विद्यार्थी डॉ. आर. के. मिश्रा, संस्कृत विभाग से संपर्क कर सकते हैं।



## Yagyashala and VVRI centre

In collaboration with the Vishveshvaranand Vedic Research Institute (VVRI), Hoshiarpur, Panjab, the College had established Vishva Bandhu Centre of Indian Culture. The main focus of the centre is research on Vedas and Upanishads and promotion of vedic culture. This centre hosts a yagyashala where hawans are performed on regular basis.

## Auditorium

The College has a feature rich air-conditioned auditorium having a seating capacity of around 600 which makes it one of the the largest auditoriums in the University. There is a premier waiting lounge outside the auditorium to pre-welcome the invitees and any special guests visiting the College.

## Magazine

The College publishes an annual magazine 'HANS' which includes contributions from students and staff members. It has three sections: Hindi, English and Sanskrit.

## Fee Concessions

Fee concessions are available for needy and deserving students on the basis of their performance in the previous examination. Students desirous of getting fee concession should apply to the College office on the prescribed form. For further details students my contact Dr. R. K. Mishra, Department of Sanskrit.



# Academic Features

## Undergraduate Courses

Commerce	Chemistry	Economics
Computer Science	English	Electronics
Hindi	Integrated B.Sc. (H) Geology*-M. Sc. Geology *,#	History
Mathematics	Sanskrit	Physics
Anthropology*	Life science #	Botany
Physical science #	Zoology	B. A. Programme

*\*The main classes for these courses will be held in the respective departments at the University*

*# The exact nature and nomenclature of these courses is yet to be decided by the University*

## Post Graduates Courses

*Students are enrolled in the College for the following post-graduate courses but for admission they have to apply to the concerned faculty in the University, directly and follow guidelines issued by the Faculty*

<b>M.A. / M.Com.</b>	<b>M.Sc.</b>
Commerce	Anthropology
English	Botany
Hindi	Chemistry
History	Integrated B.Sc. (H) Geology - M.Sc. Geology
Sanskrit	Mathematics
	Operational Research
	Physics
	Zoology



## विदेशी भाषाएँ Foreign Languages

जर्मन, फ्रेंच और स्पेनिश में सर्टिफिकेट, डिप्लोमा और एडवांस्ड डिप्लोमा

ये अंशकालिक अवधि के कोर्स हैं और इनकी कक्षाएं दोपहर के बाद लगती हैं। इनके लिए न्यूनतम अहर्ता १२वीं में ४५ प्रतिशत है। इसमें प्रवेश हेतु दिल्ली विश्वविद्यालय के विद्यार्थियों को बरीयता दी जाती है। इस कोर्स में प्रवेश हेतु आवेदन पत्र कॉलेज के कार्यालय से प्राप्त किए जा सकते हैं।

### Certificate, Diploma and Advanced Diploma in **German, French and Spanish**

These are part-time courses conducted in the afternoon only. Minimum eligibility is 45 % marks at the Senior School Certificate Examination (Class XII) level. Priority is given to students of Delhi University. Application forms will be available at the College Office after the College reopens.

## सर्टिफिकेट प्रोग्राम - 2018 Certificate Programs for 2018

हंसराज कॉलेज में इस सत्र से रोजगारपरक एड ऑन सर्टिफिकेट कोर्स शुरू किए जा रहे हैं। ये कोर्स सभी वर्ग के विद्यार्थियों के लिए अनुशंसित हैं जिससे उनकी कार्यकुशलता में निखार आएगा। इनकी कक्षाएँ नियमित विषयों की कक्षाओं के उपरान्त लगेंगी। इन कोर्सों से विद्यार्थियों को स्नातक डिग्री के साथ-साथ कुछ व्यावहारिक प्रशिक्षण भी मिलेगा, जो आज के प्रतिस्पर्धी माहौल में काफी उपयोगी सिद्ध होगा।  
इसके अन्तर्गत निम्नलिखित कोर्स उपलब्ध हैं-

Hans Raj College has recently started offering job-oriented add-on Certificate Courses. These Courses are recommended for all students seeking to accelerate their professional growth. Classes are held after regular College hours and enable students to gain vocational training along with their bachelors degree. This gives them a head start in today's highly competitive job market. The programs offered include:

Certificate Programs (Title)	Duration (Months)	Fee (Rs.)	Training Partner
Radio Jockeying, Anchoring & TV Journalism	3	20,000	R K Films & Media Academy (RKFMA, Delhi)
Acting and Filmmaking	6	30,000	R K Films & Media Academy (RKFMA, Delhi)
Mass Communication, Journalism & Marketing	6	30,000	R K Films & Media Academy (RKFMA, Delhi)

**नोट :** शुल्क का पूर्ण भुगतान डिमांड ड्राफ्ट (प्राचार्या, हंसराज कॉलेज, देय-दिल्ली) के द्वारा करना होगा। एक बार शुल्क जमा करने के पश्चात् उसकी वापसी नहीं होगी। आवेदन-पत्र और सूचना-पुस्तिका सौ रुपये के नकद भुगतान या डिमांड ड्राफ्ट के द्वारा प्राप्त की जा सकती है।

कक्षाओं की संख्या : दो या तीन प्रति सप्ताह

कक्षा का समय : सायं तीन बजे के पश्चात्

प्रवेश से संबंधित अन्य सूचनाएँ +91-9312237583 से प्राप्त की जा सकती हैं।

इन विषयों में उत्तीर्ण होने वाले विद्यार्थियों को कॉलेज की तरफ से सर्टिफिकेट प्रदान किए जाएंगे। ये विषय दिल्ली विश्वविद्यालय के पाठ्यक्रम के भाग नहीं हैं।

**NOTE :** Fees is to be paid in full amount through a demand draft only in favour of The Principal, Hans Raj College (payable at Delhi). Fees once paid will not be refunded. Cost of form and information brochure is Rs.100, payable through cash or demand draft.

**Number of classes:** Two or Three days a week

**Class Timings :** Classes will start after 3pm  
Admission details and enquiries may be made at +91-9312237583.

Certificates shall be issued by the College after successful completion of the respective course(s). These courses do not form part of the Delhi University's curriculum.

पहले आओ और पहले प्रवेश पाओ पर आधारित

Admission on first come first serve basis



# Choice Based Credit System

The Delhi University introduced Choice Based Credit System (CBCS) at the Undergraduate Level in 2015. The system has two components: Core Course and Elective Courses. In the B.A. / B.Sc. Honours, students are required to do 14 Core Courses and under Elective, they are to do two Ability Enhancement Compulsory Courses, two Skill Enhancement Courses, two Discipline Specific Elective Courses and four Generic Elective courses. For B. Sc. Programme, there are 12 Core Courses, 2 Ability Enhancement Compulsory Courses, 2 Skill Enhanced Courses and 6 Discipline Enhancement Elective Courses. For B.A. Programme there are- 12 Core Courses, 2 Ability Enhancement Compulsory Courses, 2 Skill Enhanced Courses, 4 Discipline Specific Elective Courses and 2 Generic Electives.

## Scheme for Choice Based Credit System in B.A/B.COM. & B.Sc. Honours

Sem.	Core Course (14)	Ability Enhancement Compulsory Course(AECC) (2)	Skill Enhancement Course (SEC)(2)	Elective: Discipline Specific DSE (4)	Elective: Generic (GE) (4)
I	C1 C2	(English/MIL Communication)/ Environmental Science			GE-1
II	C3 C4	Environmental Science/ (English/MIL Communication)			GE-2
III	C5 C6 C7		SEC-1		GE-3
IV	C8 C9 C10		SEC-2		GE-4
V	C11 C12			DSE-1 DSE-2	
VI	C13 C14			DSE-3 DSE-4	





## Scheme for Choice Based Credit System in B.A. Programme

Sem.	Core Course (12)	AECC (2)	SEC (2)	DSE (4)	GE (2)
I	English/MIL-1 DSC- 1A DSC- 2A	(English/ MIL Communication ) / Environmental Science)			
II	MIL/English-1 DSC-1B DSC-2B	Environmental Science/ (English/ MIL Communication)			
III	English/MIL-2 DSC-1C DSC-2C		SEC - 1		
IV	MIL/English-2 DSC-1D DSC-2D		SEC - 2		
V			SEC - 3	DSE-1 A DSE - 2 A	GE- 1
VI			SEC - 4	DSE- 1B DSE - 2 B	GE- 2

## Scheme for Choice Based Credit System in B.Sc. Programme

Sem.	Core Course (12)	AECC (2)	SEC (2)	DSE (4)
I	DSC – 1A DSC – 2A DSC – 3A	(English/ MIL Communication ) / Environmental Science)		
II	DSC – 1B DSC – 2B DSC – 3B	Environmental Science/ (English/ MIL Communication)		
III	DSC – 1C DSC – 2C DSC – 3C		SEC - 1	
IV	DSC – 1D DSC – 2D DSC – 3D		SEC - 2	
V			SEC - 3	DSE – 1 A DSE – 2 A DSE – 3 A
VI			SEC - 4	DSE – 1B DSE – 2 B DSE – 3 B



The following provisions shall be applicable to students admitted to the Three Year Undergraduate programme under Choice Based Credit System (CBCS):

**(1)**

- (a) A student who appears in an odd semester examinations or who was eligible to appear in the odd semester examinations but remains absent in any or all the papers of the said semester, shall move on to the next even semester irrespective of his/ her result in the said examinations.
- (b) A student who has obtained 40% on the aggregate taking together all the papers in theory examination (including internal assessment/ project work) and practical examination separately conducted in Ist and IInd semester shall be promoted to the second academic year/IIIrd semester.
- (c) A student who has obtained 40% on the aggregate taking together all the papers in theory examination (internal assessment/ project work) and practical examinations separately, conducted in IIIrd and IVth semester shall be promoted to the third academic year/ Vth semester.
- (d) Students who do not fulfill the promotion criteria mentioned above shall be declared fail in the promotion examination of the academic year concerned. However, they shall have the option to retain the marks in the papers in which they want to retain.
- (e) If a student has secured an aggregate of minimum 40% marks taking together all the papers in theory examination (including internal assessment/ project, wherever applicable) and practical exam separately till the end of the third year, i.e., upto the end of the VIth semester, then she/he shall be awarded the degree in which the student has been admitted.
- (f) A student who wants to re-appear for improvement in marks in a paper prescribed for semester I/III/V may do so only in the semester examinations to be held in November-December. A student who wants to re-appear for improvement in a paper prescribed in semester II/IV/VI may do so only in the examinations to be held in May/June.

**(2) Re-appearance for improvement**

- (a) A student may re-appear in any theory paper prescribed for a semester, on foregoing in writing her/his previous performance in the paper/s concerned. This can be done in the immediate subsequent semester examination only (for example, a student reappearing in paper prescribed for semester I examination may do so along with subsequent semester IIIrd examination and not along with papers for semester Vth).
- (b) A candidate who has cleared examinations of third academic year (Vth and VIth semesters) may re-appear in any paper of V or VI semester only once, at the immediate subsequent examinations on foregoing in writing her/ his previous performance in the paper/s concerned, within the prescribed span period.  
(Note: Candidates in this category will not be allowed to join any post-graduate courses)
- (c) In the case of re-appearance in paper, the result will be prepared on the basis of candidate's current performance in the examinations.
- (d) In the case of a candidate, who opts to re-appear in any paper/s under the aforesaid provisions, on surrendering her/ his earlier performance but fails to reappear in the paper/s concerned, the marks previously secured by the candidate in the paper/s in which she/ he has failed to re-appear shall be taken into account while determining her/ his result of the examination held currently.
- (e) Re-appearance in practical/ internal assessment shall not be allowed.



- (f) All papers of Core, Elective, Ability Enhancement Compulsory Courses (AECC) and Skill Enhancement Courses (SEC) shall be for 100 marks each and 25 marks shall be for Internal Assessment (IA).
- (g) Examination for Practical wherever applicable shall be based on continuous evaluation.
- (h) Duration of end semester theory examinations of Core and Elective subjects shall be three hours.
- (i) The entire evaluation process for AECC and Skill Enhancement Courses (SEC) shall be undertaken by each College where the AECC and SEC are being taught and the teacher responsible for the conduct of learning of the AECC and SEC shall be responsible for the evaluation.
- (j) There shall be no internal assessment in practical papers.
- (k) There shall be no supplementary examinations.
- (l) Paper setting and evaluation of the answer script of the concerned papers shall be coordinated by the respective boards appointed by the Competent Authority. In case of all Core Courses offered in different programmes across the disciplines, the assessment / evaluation of the theoretical component towards the end of the semester should be undertaken by external examiners from outside the College at the UG level who may be appointed by the Competent Authority.
- (m) Eligibility for award of degree under CBCS.

### (3) Letter grades and grade points

- (a) A student who becomes eligible for the degree as per Ordinance IX, 12(1). Such a student shall be categorized on the basis of the combined result of semester I to semester VI examinations under CBCS on a 10 point grading system with the following Letter Grades as given below:

Letter Grade	Grade Point
<b>O</b> (Outstanding)	10
<b>A+</b> (Excellent)	9
<b>A</b> (Very Good)	8
<b>B+</b> (Good)	7
<b>B</b> (Above Average)	6
<b>C</b> (Average)	5
<b>P</b> (Pass)	4
<b>F</b> (Fail)	0
<b>Ab</b> (Absent)	0

Issue of Transcripts: Based on the grades earned, a Grade Certificate shall be issued to all the registered students by the University after every semester and a consolidated transcript indicating their performance in all semesters. The Grade Certificate will display the course details (code, title of the paper, number of credits, grade secured) along with SGPA of each semester and CGPA earned overall the six semesters.

- (b) A student obtaining Grade F shall be considered failed and will be required to reappear in the examinations.
- (c) For non-credit courses, 'satisfactory' or 'unsatisfactory' shall be indicated instead of the Letter Grade and this will not be counted for the computation of SGPA/CGPA.

THIS IS ONLY AN INDICATIVE LIST OF THE GUIDELINES OF THE CBCS. FOR A MORE DETAILED SURVEY PLEASE REFER TO THE RELEVANT SECTIONS ON THE UNIVERSITY OF DELHI WEBSITE (<http://www.du.ac.in/du/index.php?page=cbs-syllabus>)



# Admission Requirements

## Eligibility Requirements

### (i) Minimum Percentage of Marks Required

#### Arts/ Humanities/ Commerce

Courses	Minimum Percentage	Mandatory Requirement of Subjects Studied and Passed	Specific Requirements
Commerce B. Com (Hons)	An aggregate of 45% marks in the qualifying examination	Mathematics/ Business Mathematics	Selection shall be made on the basis of marks obtained in qualifying examination including one language and three best subjects as per the following: One Language from Part 1 of List C1 (Annexure II) + three best subjects out of Part 2 of List C1 (Annexure II). OR One Language from Part 1 of List C1 (Annexure II) + any combination of subjects out of Part 2 of List C1, List C2 or any other subject (not listed either in List C1 or List C2). In such a case, the deduction of marks from aggregate percentage of 'Best Four' shall be as follows: i. For every subject included from List C2, a deduction of one percent in aggregate percentage of 'Best Four'; ii. For every other subject (not listed either in List C1 or List C2), a deduction of 2.5% per subject in aggregate percentage of 'Best Four'.
B.A. Programme	An aggregate of 40% marks in the qualifying examination		The merit shall be determined on the basis of one language and three best academic/elective subjects
Economics, English, History,	An aggregate 45% marks in qualifying examination.		The merit shall be determined on the basis of one language and three best elective subjects.
Hindi, Sanskrit	An aggregate of 45% marks in the qualifying examination. Applicants securing 40% marks in the aggregate and 50% marks in the subject concerned are also eligible for admission to the relevant Honours Programme		The merit shall be determined on the basis of one language and three best academic/elective subjects (LIST A) Applicants who have passed the intermediate Examination of an Indian University/Board with at least 40% marks in the aggregate and also one of the following examinations given below on the left shall be eligible for admission to the respective subject of the Honours Course given below: Prabhakar in Hindi Shastri in Sanskrit





## Mathematical Sciences

Courses	Requirement of Subjects studied and Passed	Minimum Percentage	Basis of Selection
Computer Science	Mathematics, one language and two other subjects listed as academic subjects	Should have secured a) 60% or more marks in Mathematics b) 55% or more marks in aggregate of four subjects including Mathematics, one language and two other subjects listed as academic subjects by the respective Boards	Selection will be made on the basis of best four academic subjects including Mathematics, Physics, Chemistry / Computer Science / Informatics Practices. The students of other streams (with Mathematics in Class XII), : one Language, Mathematics with two Academic Subjects (List A) with a deduction of 2%.
Mathematics	50% marks in Mathematics and an aggregate of 45% marks in the qualifying examination		The Merit shall be determined on the basis of one language, Mathematics under academic stream and two best elective subject (List A)

## Science Courses

Botany, Zoology, Anthropology	Physics, Chemistry & Biology/ Biotechnology For Anthropology - Physics, Chemistry and Biology	55% or more marks in the aggregate of 3 subjects as mentioned in column 2 (Practical & Theory together) And passing in one compulsory language with 50% marks (for Botany, Zoology, Anthropology language is English)	Selection will be made on the basis of marks in the aggregate of 3 Science subjects as mentioned in column 2 for each Honours Course
Physics, Chemistry, Electronics	Physics, Chemistry and Mathematics		
Geology	Physics, Chemistry and Mathematics/ Geology/ Biology/ Biotechnology/ Geography		

**Note:** For admission to an undergraduate course, where a particular subject or a group of subjects is required for admission, the candidates must have passed in the subject/each of the subjects concerned individually.

1. All subjects to be included in the calculation of 'Best Four' must have at least 70% theory component of examination. In case the subject to be considered does not have at least 70% theory component, then the marks obtained in theory and practical shall be converted to 70% and 30% respectively, on pro rata basis. The marks so arrived at will then be considered for calculation of 'Best Four'.
2. The applicant must have studied and passed Mathematics/Business Mathematics at the qualifying examination for admission to B.Com. (Hons.).
3. The computation of 'Best Four' subjects in the above framework should lead to an effective and unique 'Best Four' which would be higher than any other combination of 'Best Four' subjects.



## Mathematical Sciences

Programmes	Requirement of Subjects studied and Passed	Minimum Percentage	Basis of Selection
B.Sc. in Physical Science	Physics, Chemistry/ Computer Science, Mathematics	45% or more marks in the aggregate of 3 subjects as mentioned in column 3 (Practical & Theory together) and passing in one compulsory language (i.e. English). OR 45% or more marks in the aggregate of 3 subjects as mentioned in column 3 (Practical & Theory together) and 40% in one compulsory language	Selection will be made on the basis of marks in the aggregate of 3 Science subjects as mentioned in column 3
B.Sc. Life Sciences	Physics, Chemistry, Biology/ Biotechnology	45% or more marks in the aggregate of 3 subjects as mentioned in column 3 (Practical & Theory together) and passing in one compulsory language (i.e. English). OR 45% or more marks in the aggregate of 3 subjects as mentioned in column 3 (Practical & Theory together) and 40% in one compulsory language	Selection will be made on the basis of marks in the aggregate of 3 Science subjects as mentioned in column 3

**Note:** The candidate should have passed theory and practical separately, except the candidate who has passed a qualifying examination for Council for Indian School Certificate Examination, New Delhi.

## Age Requirement

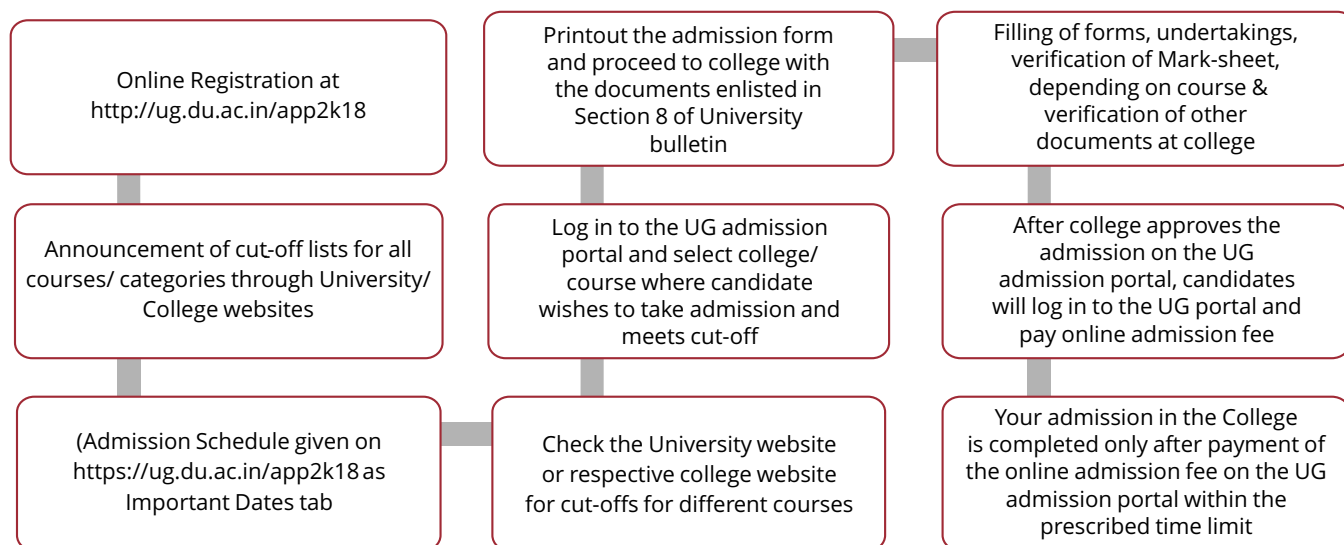
As per Ordinance-I of the University, there is no minimum age bar for admission to the under-graduate and postgraduate programmes in the University and its colleges. Gap year(s) would not be a bar for purposes of admission to the undergraduate programmes.

## Rechecking/Revaluation

The colleges shall consider admission of the applicants whose marks get increased in the process of rechecking/ revaluation by their respective boards within the prescribed period of admission provided that such applicant fulfills the other eligibility conditions laid down for admission and seats are available in course/ college.



# Admission Procedure



**NOTE:** Admission process will follow the University of Delhi Guidelines and is subject to changes based upon update from the University.

## Examinations Recognized by University of Delhi

The applications for admission to the Undergraduate Courses in the Colleges in respect of candidates belonging to the Examining bodies of Boards / Universities recognized / accredited by the Association of Indian University / University Grants Commission / Ministry of Human Resource Development shall be considered by the College / Department in terms of the following recommendations as circulated in the University circular letter of 13 - 1 - 2005.

1. That various degrees from Universities recognized by the Association of Indian Universities/ University Grants Commission / Ministry of Human Resource Development or by any bilateral agreement be considered as equivalent to corresponding degrees of University of Delhi subject to the conditions that course duration is same as in Delhi University for purposes of determining eligibility for admission to various courses and further Departments / Colleges may be allowed to evolve procedure through the irrespective Admission Committees.
2. Senior School Certificate of various Boards recognized by Association of Indian Universities / Central Board of Secondary Education is considered as equivalent to the Senior School Certificate of Central Board for the purposes of eligibility to various Undergraduate Courses.
3. Students who pass various Degree / School Examination of Foreign Universities / Boards already approved by the Equivalence Committee, from time to time, be considered eligible as a matter of routine. The cases of only those candidates who do not fall in the list of Association of Indian Universities/ University Grants Commission/ Ministry of Human Resource Development recognized accredited Boards/ Universities shall be referred to the University on the basis of individual merit.
4. For some Boards which issue consolidated mark sheets containing marks of both 11th and 12th class, the merit of such applicants shall be determined on the basis of such consolidated mark sheet.

Admission in any programme/course shall not be granted on the basis of projected scores issued by any Board / School.

For Examinations where the score is provided in grades the conversion of the same is to be followed as per section 4.4 of University bulletin.



## Admission through University/ Faculty/ Department

Initiation of Admission to M.A./ M.Sc./ M.Com. courses is made through the concerned University faculty/department

### List of documents required at the time of admission

The applicants shall be required to produce following documents in original with two sets of self-attested photocopies at the time of admission:

1. Two passport size photographs
2. Printout of University admission form
3. Class X Board Examination pass certificate
4. Class X Marksheet
5. Class XII Marksheet
6. Class XII Provisional / Original Certificate
7. Character certificate (recent; not more than 6 months old)
8. Transfer Certificate (TC) from Institution last attended
9. Migration Certificate (MC) for those students who have passed Senior School Exam from outside Delhi.  
**Note: If Board doesn't issue MC, the TC must be countersigned by the Directorate of Education of the State.**
10. SC/ST/PWD/CW/KM/ OBC (non-creamy layer) certificate (in the name of the candidate) issued by the competent authority.  
**Note: The validity of the OBC non-creamy layer certificate shall be for the financial year 2017-2018 issued after 31<sup>st</sup> March 2018. (refer University Bulletin Section 9.2)**
11. Photo ID Proof of the Parent and Guardian (if applicable)
12. Photocopies of the above set of documents.

**Note: Originals Certificates are to be submitted to the College at the time of Admission.**

## Procedure for Calculating 'Best Four'

- I. Procedure for calculation of 'Best Four' subjects percentage for Honours Programmes (For admission to Arts/ Humanities Programmes):
  - a. The merit shall be determined on the basis of one language and three best academic/elective subjects from LIST A.
  - b. Out of three, academic/elective subject chosen above, one must be the concerned subject in which the admission is sought, failing which a deduction of 2.5% will be imposed on the calculated 'Best Four' percentage.

For honours in languages refer to point 6 of Basis of calculation of Best Four.

### Note:

- I. If an applicant doesn't include the subjects given in LIST A in 'Best Four', then a deduction of 2.5% of maximum marks will be levied for each subject for the purpose of calculating 'Best Four'.
- ii. All subjects to be included in the calculation of 'Best Four' must have at least 70% theory component of exam. In case, the subject to be considered does not have 70% theory component and 30% practical component, then the marks of theory and practical only shall be converted to 70% and 30%, respectively on pro rata basis. These new marks will then be considered for calculation of 'Best Four'.

### Examples

- (1) If an applicant has scored: Physics 90 (theory 50, practical 40; max. marks theory 60, practical 40), and Chemistry 91 (theory 52, practical 39; max. marks theory 60, practical 40) which is not in ratio of 70: 30, then the marks can be converted on pro rata basis





Chemistry 91 (theory 52, practical 39; max. marks theory 60, practical 40) which is not in ratio of 70: 30, then the marks can be converted on pro rata basis

Pro rata marks in physics = 88.33;  $((50/60) \times 70 + (40/40) \times 30) = 58.33 + 30 = 88.33$

Pro rata marks in chemistry = 89.92;  $((52/60) \times 70 + (39/40) \times 30) = 60.66 + 29.25 = 89.91$

**(2)** If an applicant has scored: Physics 88 (theory 45, IA 14, practical 29; max. marks theory 56, IA 14, practical 30), Chemistry 92 (theory 48, IA 14, practical 30; max. marks theory 56, IA 14, practical 30), English (90) and Biology 95 (theory 51, IA 14, practical 30; max. marks theory 56, IA 14, practical 30). Mathematics 92. The marks in Physics, Chemistry and Biology have less than 70% theory component and therefore have to be converted to 70:30 ratio on pro rata basis.

For Physics, it is  $56.25 + 29 = 85.25$ ;  $((45/56) \times 70 + 29) = 56.25 + 29 = 85.25$

For Chemistry, it is  $60 + 30 = 90$ ;  $((48/56) \times 70 + 30 = 60 + 30 = 90$

For Biology, it is  $63.75 + 30 = 93.75$ ;  $((51/56) \times 70 + 30 = 63.75 + 30 = 93.75$

The following discipline subjects must be treated as Academic/ Elective subjects for the purpose of undergraduate admissions. All other subjects offered by different boards may be treated as non-elective.

### LIST A (Academic/Elective Subjects)

Arabic	English	Italian	Psychology
Bengali	French	Legal Studies	Sanskrit
Botany	Geography	Mathematics	Sociology
Biology/ Biotechnology	Geology	Persian	Spanish
Chemistry	German	Philosophy	Statistics
Commerce/Business Studies	Hindi	Physics	Urdu
Computer Science/ Informatics Practices	History	Political Science	Zoology
Economics	Home Science	Punjabi	Accountancy

### Basis of calculation of Best Four

- Mass Media Studies will be treated as an academic subject for the purpose of admission to B.A. (Hons.) Journalism (Hindi/ English).
- In case an applicant has studied elective and core languages, the core language subject will be treated as language, while elective language can be considered as academic/ elective subject.
- Admission to B.A. (Hons.) Applied Psychology will be based on 'Best Four' percentage as in B.A. (Hons.) Psychology.
- Admission to B.A. (Hons.) Social Work and B.A. (Hons.) Philosophy will be based on 'Best Four' percentage including one language and three academic/elective subjects as per the above procedure.
- The applicants must have studied and passed Mathematics at the qualifying exam for admission to B.A. (Honours) in Economics.
- (a)** For admission to Honours in any language programme, advantage of 2% in the 'Best Four' percentage will be given to those applicants who have studied that particular elective language.
- (b)** In case, an applicant has not studied a language at qualifying exam and is seeking admission to Honours in that language (except for Honours in English and Hindi, refer (c)), deduction of 5% will be imposed on 'Best Four' percentage.



- (c) For admission to Honours in English and Hindi, the applicant must have studied and passed the respective language in the qualifying exam and should include respective language for calculation of 'Best Four' percentage.
7. University may define any other relevant subjects as an academic/ elective for a particular Honours programme.

#### Example 1:

If an applicant has scored: Accountancy (90), Business Studies (92), English Core (88) and Economics (94). Total marks in four subjects are  $90+92+88+94=364$ ,  
Percentage is 91%.  
The effective percentage for:  
B.A. (Hons.) English is 91%,  
Not eligible for B.A. (Hons.) Economics,  
B.A. (Hons.) Political Science is  $91\% - 2.5\% = 88.5\%$ .

#### Example 3:

If an applicant scored: Accounts (88), English Core (92), Punjabi Elective (90), Mathematics (82) and Web Designing (96).  
Total marks in four subjects are  $88+92+90+96 = 366$ , Percentage is 91.5%.  
The effective percentage for:  
B.A. (Hons.) History is  $91.5\% - 2.5\% - 2.5\% = 86.5\%$   
B.A. (Hons.) Punjabi is  $91.5\% - 2.5\% + 2\% = 91\%$   
B.A. (Hons.) English is  $91.5\% - 2.5\% = 89\%$

#### Example 4:

If an applicant has scored: Accounts (90), Business Studies (92), English Core (88) and Home Science (94), Mathematics (85).  
Total marks in four subjects are  $90+92+88+94=364$ ,  
Percentage is 91%.  
The effective percentage for B.A. (Hons.) Psychology is  $91 - 2.5 = 88.5\%$   
The effective percentage for B.A. (Hons.) Economics is  $91 - 2.5 = 88.5\%$   
The effective percentage for B.A. (Hons.) English is 91%

#### Example 2:

If an applicant has scored: Physics (96), Chemistry (92), English Core (90) and Mathematics (94), Economics (83).

Case1: Total marks in four subjects are  $96+92+90+94=372$ , Percentage is 93%. The effective percentage for:

B.A. (Hons.) History is  $93\% - 2.5\% = 90.5\%$ ,  
B.A. (Hons.) English is 93%,  
B.A. (Hons.) Economics is  $93\% - 2.5\% = 90.5\%$

Case2: Total marks in four subjects are  $96+90+94+83=363$ , Percentage is 90.75%. The effective percentage for:

B.A. (Hons.) History is  $90.75\% - 2.5\% = 88.25\%$ ,  
B.A. (Hons.) English is 90.75%,  
B.A. (Hons.) Economics is 90.75%

Comparing Case1 & Case2, Best Four for

B.A. (Hons.) History is 90.5%  
B.A. (Hons.) English is 93%,  
B.A. (Hons.) Economics is 90.75%

#### Example 5:

If an applicant has scored: Physics (85), Chemistry (90), English Core (90), Biology (85) and Mathematics (75).

Total marks in PCBE are:  $85+90+85+90=350$

The percentage is 87.5%

The effective percentage for:

B.A. (Hons.) English is 87.5%  
B.A. (Hons.) Political Science is  $87.5\% - 2.5\% = 85\%$   
B.A. (Hons.) Economics is  $87.5\% - 2.5\% = 85\%$



**Example 6:**

If an applicant has scored: English Elective (92), History (65), Political Science (85), Geography (89) and Home Science (90).

Total Marks in four subjects are  $92+85+89+90 = 356$ , excluding History.

The percentage is 89%. The effective percentage for:

B.A. (Hons.) English is  $89\% + 2\%$  (Elective) = 91%

B.A. (Hons.) Political Science is 89%

B.A. (Hons.) History is  $89 - 2.5\% = 86.5\%$  (History not included)

B.A. (Hons.) Psychology is  $89-2.5\% = 86.5\%$

**Procedure for calculation of 'Best Four' subjects percentage for B. Com. (Honours)**

One Language from Part 1 of List C1 + three best subjects out of Part 2 of List C1. OR One Language from Part 1 of List C1 + any combination of subjects out of Part 2 of List C1, List C2 or any other subject (not listed either in List C1 or List C2). In such a case, the deduction of marks from aggregate percentage of 'Best Four' shall be as follows:

- i. For every subject included from List C2, a deduction of one percent in aggregate percentage of 'Best Four';
- ii. For every other subject (not listed either in List C1 or List C2), a deduction of 2.5% per subject in aggregate percentage of 'Best Four'.

**Note:**

1. All subjects to be included in the calculation of 'Best Four' must have at least 70% theory component of examination. In case the subject to be considered does not have at least 70% theory component, then the marks obtained in theory and practical shall be converted to 70% and 30% respectively, on pro rata basis. The marks so arrived at will then be considered for calculation of 'Best Four'.
2. The applicant must have studied and passed Mathematics/Business Mathematics at the qualifying examination for admission to B. Com. (Hons.).
3. The computation of 'best four' subjects in the above framework should lead to an effective and unique 'best four' which would be higher than any other combination of 'best four' subjects.

**LIST C1 – List of Core Subjects for B.Com. (Hons.)**

PART 1 (Language)	PART 2 (Core Subjects)
English	Mathematics
Hindi	Accountancy
	Business Studies / Commerce
	Economics

**LIST C2 – Additional List of Subjects for B. Com. (Hons.)**

Botany	Geography	Philosophy	Statistics
Business Mathematics	Geology	Physics	Zoology
Biology/ Biotechnology	History	Political Science	
Chemistry	Home Science	Psychology	
Computer Science/ Informatics Practices	Legal Studies	Sociology	



**Example 7:**

If an applicant has scored: Accountancy (90), Business Studies (92), English Core (88) and Economics (94). Total marks are  $90+92+88+94 = 364$ , Percentage is 91%.

Not eligible for B.Com. (Hons.)

The effective percentage for B.Com. is 91%

**Example 8:**

If an applicant has scored: Physics (96)\*, Chemistry (92), English Core (90) and Mathematics (94).

Total marks are  $96+92+90+94 = 372$ , Percentage is 93%.

The effective percentage for both B.Com. (Hons.) & B.Com. is  $= 93 - 2 \times 1\% = 90\%$

**Example 9:**

If an applicant scored: Accountancy (88), English Core (92), Punjabi Elective (90), Mathematics (82) and Web Designing (96).

**Case1:** Total marks are  $88+92+90+96 = 366$ , Percentage is 91.5%.

The effective percentage is  $91.5 - 2 \times 2.5\% = 86.5$

**Case2:** Total marks are  $88+92+82+96 = 358$  Percentage is 89.5%,

The effective percentage is  $89.5\% - 2.5\% = 87\%$

**Case 2 is unique "best four", so effective percentage for both B.Com. (Hons.) & B.Com. is 87%**

**Example 10:**

If an applicant has scored: Accountancy (90), Business Studies (92), English Core (88) and Home Science (94), Mathematics (85).

**Case1:** Total marks are  $90+92+88+94=364$ , Percentage is 91%.

The effective percentage is  $91\% - 1\% = 90\%$

**Case2:** Total marks are  $90+92+88+85=355$ , Percentage is 88.75%.

The effective percentage is 88.75%

**Case 1 is unique "best four", so effective percentage for both B.Com. (Hons.) & B.Com. is 90%**

**Example 11:**

If an applicant scored: History (88), English Core (92), Political Science (90), Philosophy (67) and Web Designing (96). Total marks are  $88+92+90+96=366$ , Percentage is 91.5%.

Not eligible for B.Com. (Hons.)

The effective Percentage for B.Com. is  $91.5\% - 1\% - 1\% - 2.5\% = 87\%$

**Example 12:**

If an applicant has scored in Mathematics (90), Business Studies (82), Hindi (88), Web designing (94)\* a

Case1: Total marks are  $90+88+94+95=367$ . The Percentage is 91.75%.

The effective percentage is  $91.75\% - 2 \times 2.5\% = 86.75$

Case2: Total marks are  $90+82+88+95=354$ . The Percentage is 88.75%.

The effective percentage is  $88.75\% - 2.5\% = 86.25$

**Case 1 is unique "best four", so effective percentage for both B.Com. (Hons.) & B.Com. is 86.75%**

\*Marks in physics/ chemistry/ biology papers should be in ratio of 70: 30 (theory: practical), otherwise, marks calculated on *pro rata* basis will be considered.

**Procedure for calculation of 'Best Four' subjects percentage for B.A. programme:**

a. One Language (Core/ Elective/ Functional)



- b. Any three elective subjects can be chosen. A deduction of upto 5% on 'Best Four' percentage may be imposed if there is a change of stream for admission to B.A. programme, which means either from Commerce stream to Arts/Humanities/Social Sciences or from Science stream to Arts/ Humanities/ Social Sciences.
- c. One non-listed (LIST A of Ref: pg 26) subject can be included in calculation of 'Best Four' without any deduction.
- d. For admission to B.A. (Vocational) only, related vocational subjects may be treated at par with academic/ elective subjects and upto two vocational subjects, which are in relationship with the programme of study may be included for the calculation of 'Best Four'.
- e. If an applicant opts for Modern Indian Language (MIL) (Except Hindi) as a subject, an advantage of 5% may be given in 'Best Four' in those Colleges where MIL is offered as a subject.

**Note:**

- i. The College have notified the actual deduction 2.5% for change of stream beforehand by uploading on their website and intimating the same to the University. (Refer annexure XII University Bulletin)
- ii. If more than one non-listed subject is included for calculation of 'Best Four', a deduction of 2.5% each in 'Best Four' may be levied in addition to deduction due to change of stream, if any.
- iii. All subjects to be included in the calculation of 'Best Four' must have at least 70% theory component of exam. In case, the subject to be considered does not have 70% theory component and 30% practical component, then the marks of theory and practical only shall be converted to 70% and 30%, respectively on *pro rata* basis. These new marks will then be considered for calculation of 'Best Four' in addition to Note (i).

Examples for calculation of 'Best Four' Percentage are given below.

**Example 13:**

If an applicant has scored in Accountancy (90), Business Studies (92), English Core (88) and Economics (94). Total marks are  $90+92+88+94=364$ . The Percentage is 91%. The effective percentage for B.A. programme is  $91\% - 2.5\%^{**} = 88.5\%$

**Example 14:**

If an applicant has scored in Physics (96)\*, Chemistry (92)\*, English Core (90) and Mathematics (94). Total marks are  $96+92+90+94=372$  and Percentage is 93%. The effective percentage for B.A. programme is  $93\% - 2.5\%^{**}=90.5\%$

**Example 15:**

If an applicant scored: History (88), English Core (92), Political Science (90) and Web Designing (96)\* Total marks are  $88+92+90+96=366$ , Percentage is 91.5%.  
The effective Percentage for B.A. programme is 91.5%

**Example 16:**

If an applicant has scored in Accountancy (90), Business Studies (62), English Core (88), Web designing (94)\* and Painting (95)\*. Total marks are  $90+95+88+94=367$ . The Percentage is 91.75%.  
The effective percentage for B.A. programme is  $91.75\% - 2.5\%^{**} - 2.5\% = 86.75\%$

\*\* is deduction due to change of stream. (assuming 2.5% deduction)

# is for second vocational subject.

\*Marks in these papers should be in ratio of 70: 30 (theory, practical), otherwise, marks calculated on *pro rata* basis will be considered.





## Admission to Science Programmes

The Basis of Selection for Mathematical Sciences/Science/Interdisciplinary & Applied Sciences programmes is listed in Admission Requirements. All the subjects to be included for Basis of Selection (PCM/PCB/PCMB) must have at least 70% theory component of examination. In case, the subject to be considered does not have 70% theory component and 30% practical component, then the marks of theory and practical only must be converted to 70% and 30% , respectively on pro rata basis. These new marks will then be considered for calculation of PCM/PCB etc.

### Example 17:

If an applicant has scored: Physics 90 (theory 50, practical 40; max. marks theory 60, practical 40), Chemistry 91(theory 52, practical 39; max. marks theory 60, practical 40), English (90) and Mathematics (95), Physical Education (92). Physics and Chemistry have 60% theory component and 40% practical marks.

Pro rata marks in physics = 88.33%

Pro rata marks in chemistry = 89.92%

Therefore, Total marks in PCM are:

$88.33+89.92+95=273.25=91.08\%$  and PCME are:

$88.3+89.92+95+90 = 363.25 = 90.81\%$ .

### Example 18:

If an applicant has scored: Physics 88 (theory 45, IA 14, practical 29; max. marks theory 56, IA 14, practical 30), Chemistry 92 (theory 48, IA 14, practical 30; max. marks theory 56, IA 14, practical 30), English (90) and Biology 95 (theory 51, IA 14, practical 30; max. marks theory 56, IA 14, practical 30). Mathematics 92. Physics, Chemistry and Biology have less than 70% theory component and must be converted to 70:30.

For Physics, it is  $56.25+29 = 85.25$ ; For chemistry, it is  $60+30= 90$ ; For biology, it is  $63.75+30= 93.75$ . The PCB is 89.77% ; PCM is 89.19%

## Sports/ECA Quota (Supernumerary Seats)

It is mandatory for all the Colleges to provide sports facilities and encourage all students to participate in sports and extracurricular activities by introducing inter-class competitions and mass sports.

The existing provision of not more than 5% Sports / ECA quota (subject- wise) be continued. The Colleges should be free to decide the actual number of seats to be filled on sports basis (not more than 5%) keeping in view the facilities available, requirement of the College and other relevant factors.

The guidelines for Admissions under Sports / ECA categories will be carried in accordance with the guidelines notified by the University from time to time.

## Guidelines for Admissions under Extra Curricular Activities

The Colleges will notify the actual number of seats under ECA Quota (Supernumerary) and requirement in different categories on their Colleges Website, Notice Board and University Website. The dates for preliminary and final trials will be notified on Colleges' Website, Notice Board and University Website. All the concerned Colleges will follow the following guidelines for admission to various undergraduate programmes on the basis of Extra Curricular Activities (ECA):

1. Applicants seeking admission under ECA category will register online on DU Admission portal.
2. The charges for registration will be Rs. 100/- in addition to charges for (UR/OBC/SC/ST/PwD) registration.
3. The applicants are required to upload only one certificate (preferably the highest achievement one) issued after May 1, 2015 to April 30, 2018 in each activity they wish to apply for as a proof of their involvement in the relevant activity. They should carry all the relevant certificates for evaluation in case they are selected for final trials.



4. Trials will be held at two levels: (i) Preliminary trials (ii) Final trials.
5. The applicant shall be allowed to appear at the preliminary trials only once in an event. Any request for a second chance will not be permitted.
6. Not more than 15% concession in academic merit vis-a-vis unreserved category applicants (for the last relevant cut-off) may be given for admission to specific programmes (subject to the minimum eligibility of the programme).
7. The date/ dates for the Preliminary / Final trials shall be notified and displayed on the University Website, College Website and Notice Board.
8. The list of the short listed applicants for final trials will be notified on the University Website, and the Website and Notice Board of the College that is conducting an ECA activity trial.
9. The Certificates will be evaluated only for students who qualify for final trials. They have to carry all the relevant certificates in original (and a self attested photocopy) for evaluation at the time of the final trial.
10. Weight age in the final trials will be given to the trials and certificates in the following ratio: Trials: 75%, Certificates: 25%.
11. The applicant must secure at least 50% marks in the final trials (38 out of 75) to be eligible for the final list of selected candidates.
12. The Colleges will videograph the preliminary and final trials and should preserve the recordings.
13. The trials for admission under the ECA category shall be the conducted by the ECA admission committee. The following composition of experts in the ECA category is recommended:
  - a. Principal/ Principal Nominee
  - b. Two experts (to be nominated by the University Culture Council) –Eminent people from the cultural field from eminent institutions such as: National School of Drama, Sri Ram Centre for Performing Arts, Faculty of Music & Fine Arts, Indian Council for Cultural Relations, College of Art, Sangeet Natak Academy, Sahitya Kala Parishad, All India Radio/Doordarshan ('A' Grade Artists) etc., Experts from University Fraternity in the relevant field., Other experts / practitioners in the relevant field, University Cultural Council nominee.
  - c. College Cultural Council convenor/nominee.

The committee constituted hence should not only have expertise in the relevant cultural field but should also have the understanding of the cultural space of the University and its specific requirements.

## Instructions

1. The allotment of the programme / subject to the qualified applicants shall conform to University regulations and will be the sole responsibility of the College.
2. An applicant being selected in the final list is not a guarantee of admission. Admission is subject to seats availability in a College.
3. The allotment of programme/ subject may be finalized by ECA Admission Committee, which will include Chairperson (Principal), members of ECA/Cultural Committee and one faculty member nominated by the Staff Council.
4. The final list of selected applicants containing marks awarded for the ECA certificates and trials shall be displayed on the University Website for three days for applicants to take cognizance of the grievances, if any. All the grievances shall be resolved within three days.
5. Applicant having any grievance should apply either to the Central Grievance Committee or to College Grievance Committee.



6. Applicants will register in the Colleges of their choice according to the schedule that will be notified.
7. The Merit List of the applicants selected for admission after the finals shall be notified on the respective College Website and Notice Board and University Website. The admission of the applicants thereafter will be completed on University Admission Portal.
8. In case of a tie in the final marks (out of 100), the candidate with higher marks in the trials (out of 75) will be placed higher in the merit list. In case of a tie there also, then both the candidates will have the same rank.
9. The ECA Admission Committee of the College shall verify the original ECA certificates of the applicants.
10. The selected candidates shall submit an Undertaking at the time of admission stating that the candidate will perform for the College and University for the entire period of the candidate's undergraduate programme of study. The College has a right to cancel their admissions if they violate the undertaking during their stay in College.
11. Any candidate submitting false / fake certificate will be debarred from admission to any programme in any College for three years. If a candidate seeks admission on the basis of false/fake certificates, not only will the admissions be cancelled, an FIR may also be registered.
12. The College shall maintain proper record of candidates admitted on the basis of ECA.
13. The decision of ECA Admission Committee shall be final.

## Guidelines for admission on the basis of Sports

The Colleges have to notify well in advance, the actual number of seats under Sports Quota (supernumerary) and requirement of sports persons in different Games/ Sports with the respective Position / Event / Weight Category on their College Website and Notice Board. The same would also be notified on the website of University of Delhi. All the constituent Colleges will follow the following guidelines for admission to various undergraduate programmes on the basis of Sports:

1. The applicants are required to fill the online application form available on the University of Delhi portal.
2. The charges for registration will be Rs. 100/- in addition to charges for (UR/OBC/SC/ST/PwD) registration.
3. The applicants are required to upload only the self attested highest sports certificate issued from May 1, 2015 to April 30, 2018 in each sport/ game they wish to apply.

The admission under sports quota will be based on (a) with sports trial and (b) super category- direct admission without sports trial. The game-wise list of game/sport in each College is given in Annexure VI and the College-wise list of position/event/weight category of game/sport (refer University Bulletin 2017-18 Annexure VII).

### I. Super Category: Direct Admission without Sports Trial

(Category A-1 of the enclosed Criteria for Marking of Sports Certificates)

Sportspersons who have represented India in the under-mentioned Competition(s), recognized and funded by the Ministry of Youth Affairs and Sports (MYAS) will be given Direct Admission without Sports Trial.

1. Olympic Games by the International Olympic Committee (IOC), 2. World Championship / World Cup by International Sports Federations (ISFs), 3. Commonwealth Games by Commonwealth Games Federation (CGF), 4. Asian Games by Olympic Council of Asia (OCA), 5. Asian Championships by International Sports Federations (ISFs), 6. South Asian Games (SAG) by South Asian Sports Council (SASC), 7. Paralympic Games by International Paralympic Committee (IPC)



## II. Admission on the Basis of Sports Trial

(Categories A-2, B-1, B-2, B-3, C-1, C-2, D of the enclosed Criteria for Marking of Sports Certificates)

### A. Maximum 40 Marks for Sports Certificate

1. The criteria for marking of sports certificates display marks for different levels of position and/ or participation in various sports competitions (refer University Bulletin 2017-18 Annexure V).
2. Sports Certificate of Invitational / Memorial / Open / Prize Money League / Ranking competitions will not be considered.
3. Only the highest Sports Certificate will be considered for Marking.
4. Sports Certificate of only preceding three years will be considered from May 1, 2015 to April 30, 2018.
5. The level of competency of the applicant will be determined for those who have achieved distinction only during the preceding three years in those Games/ Sports recognized by AIU /MYAS in which Inter-University Competitions are held and preference given by the Colleges.
6. Applicant should upload self-attested copy of Sports Certificate.

### B. Maximum 60 Marks for Sports Trial

Team Games: Ball Badminton, Baseball, Basketball, Cricket, Football, Handball, Hockey, Kabaddi, Kho-Kho, Korfball, Netball, Softball and Volleyball

Marking Criteria for Team Games - Total (60 Marks): Fundamental Skills - (20 Marks), Performance in Trials- (40 Marks)

Dual & Combat Sports: Badminton, Boxing, Fencing, Judo, Squash, Table Tennis, Taekwondo, Tennis and Wrestling

Marking Criteria for Dual and Combat Sports - Total (60 Marks): Fundamental Skills - (10 Marks), Performance in Trials - (50 Marks)

Individual Sports: Archery, Athletics, Best Physique, Chess, Diving, Gymnastics, Power-lifting, Shooting, Swimming, Weight-lifting and Yoga

Marking Criteria for Individual Sports - Total (60 Marks): Performance in Trials - (60 Marks)

1. The Applicant should go through the notifications issued by the Constituent Colleges and University of Delhi on their Website.
2. The College will conduct Sports Trial for a specific Game/ Sport identified by Delhi University Sports Council (DUSC).
3. The College identified for conducting Sports Trial for a specific Game/ Sport and not having facilities may contact DUSC by giving advance information.
4. The College should video-graph the Sports Trial.
5. The Applicant must secure minimum 30 marks in the Sports Trial to be eligible for admission on the basis of Sports.

### C. Composition of the Sports Admission Committee for specific Sport(s)/Game(s) identified by DUSC:

1. Chairperson: Principal
2. Convener: Teacher in-charge, Department of Physical Education
3. Experts: Three to be nominated by the Chairperson (Principal) from the confidential list sent by DUSC
4. Nominee: Delhi University Sports Council
5. Nominee: Vice Chancellor (Observer)

Marking for Individual, Dual & Combat Sports shall be done by One Expert and marking for Team Games shall be done separately by Three Experts of the Sports Admission Committee.





**Note:**

1. The allotment of programme to the eligible applicants shall conform to University regulations and will be the sole responsibility of the College and may be finalized by the Sports Admission Committee of the College which will include:
  - a. Chairperson: Principal
  - b. Convener: Teacher in-charge, Department of Physical Education
  - c. Member/s: Teacher/s, Department of Physical Education
  - d. Nominee: One faculty member of the Staff Council
2. The Sports Admission Committee of the College shall:
  - a. Screen the application form uploaded by the Applicant
  - b. Verify original Sports Certificate of the applicants as per marks allotted by DUSC
3. In Case of Tie: Applicants securing same marks in the same game/ sport eligible to take admission in the same programme/ College, may be resolved by the Sports Admission Committee of the College, considering the following order:
  - a. Higher marks obtained in Sports TrialIn case, the Tie still persists, all the applicants may be admitted.
4. The list of finally selected applicants containing marks of the Sports Certificates and Sports Trials along with programme allotted shall be displayed on the Website and Notice Board of the College for three days to take cognizance of the grievances, if any. The Grievance Committee of the College must resolve all the grievances within next three working days before admitting the applicants.
5. The list (soft and hard copy) of finally admitted applicants on the basis of Sports shall be sent to DUSC within seven days from the last date of admission of the University.
6. The College shall maintain proper record of the applicants admitted on the basis of Sports.
7. The applicant as per their age must be eligible to participate in Inter-University Competitions for the next three years and should not be employed Part-time / Full-time anywhere.
8. Any injury/ casualty caused to the applicant during Sports Trials shall be the sole responsibility of the applicant.
9. It is mandatory to submit an Undertaking on Non-Judicial Stamp Paper of Rs. 100/- by the applicant at the time of admission stating that he/she will play for the College and University during their Under-Graduate programme of study.

**Disclaimer: College reserves the right to change the number and nature of specific game/ sport and their respective position/ event/ weight category depending upon the availability of applicants at any stage of admission.**

**NOTE:** Admission process will follow the University of Delhi Guidelines and is subject to changes based upon update from the University.

**Admission Policy for said courses is likely to change as per further information.**



# Reservations and Relaxations

The following reservations and relaxations are applicable for all programmes offered by the College.

## **Reservation of Seats for Schedule Caste (SC)/Tribe (ST) Applicants**

22½ % of the total numbers of seats is reserved for applicants belonging to Scheduled Caste Scheduled Tribes (15% for Scheduled Caste and 7½% for Scheduled Tribes, interchangeable, if necessary).

is a statutory obligation on the part of Colleges to fill all seats reserved for Scheduled Caste /Scheduled Tribe applicants.

The Colleges shall not refuse admission to any SC/ST Applicant on the basis of medium of instruction. Any deficiency in the knowledge of any particular language should be removed, remedial classes for which may be arranged by utilizing grants that are available from University Grants Commission.

Relaxation to the extent of 5% in the minimum marks will be given to the applicants belonging to SC and ST to determine their eligibility and merit for admission to the programme concerned.

In case, after giving 5% relaxation, the reserved seats still remain vacant, further relaxation would be given to the extent required in order to fill up all the reserved seats.(AC Resolution A88, 14.6.1983) (EC Resolution 157, 24.12.2001). Eligibility in these cases is pass percentage.

The following are empowered to issue the certificate:

- (a) District Magistrate/ Additional District Magistrate/ Collector/ Deputy Commissioner/ Addl. Deputy Commissioner/ Deputy Collector/ 1st class Stipendiary Magistrate/ City Magistrate/ Sub-Divisional Magistrate/ Taluka Magistrate/ Executive Magistrate/ Extra Assistant Commissioner.
- (b) Chief Presidency Magistrate/ Addl. Chief Presidency Magistrate/ Presidency Magistrate.
- (c) Revenue Officer not below the rank of Tehsildar.
- (d) Sub- Divisional Officer of the area where the Applicant and/ or his family normally resides.
- (e) Administrator/ Secretary to the Administrator/ Development Officer (Lakshadweep Islands).

Applicant must note that Certificate from any other person/ authority shall not be accepted in any case. If the applicant happens to belong to SC or ST, applicant's caste/ tribe must be listed in the appropriate Govt. of India schedule. The Caste Certificate should clearly state: (a) Name of his/ her caste/ tribe (b) whether applicant belongs to SC or ST (c) District and the State or Union Territory of applicant's usual place of residence and (d) the appropriate Govt. of India schedule under which his/ her caste/ tribe is approved as SC or ST.

If the applicants do not have the SC or ST caste/tribe certificate at the time of upload, the applicant may upload the acknowledgement slip of the SC or ST caste/tribe certificate application. However, at the time of admission, the applicant will have to produce the valid SC or ST caste/tribe certificate.

However, if an SC/ST Applicant seeks admission under some other category (for example: PwD/Employee Ward etc.) the applicant should satisfy the minimum eligibility requirement for that category.

Note: SC/ST students who get admission under open merit (unreserved) will not be included in the reserved quota, i.e. 22.5%.

Candidates seeking admission under SC/ST/OBC category should have certificates in their own name only.

## **Reservation of Seats for Other Backward Classes (Non-Creamy layer, Central List)**

- 27% seats will be reserved for the applicants belonging to Other Backward Classes (OBC) (non-creamy layer, central list).
- At the time of giving admission to an OBC applicant, the College will ensure that the caste is included in the Central List of OBC (the OBC status is to be determined on the basis of the Central List of OBCs notified by the Ministry of Social Justice and Empowerment on the recommendations of the National Commission for



Backward Classes available at the website <http://ncbc.nic.in/backward-classes/index.html>.)

- The certificate must mention non-creamy layer status of the applicant (Non-creamy layer status issued by an authority mentioned in DOPT Office Memorandum no. 36012/22/93-Estt. (SCT) dated 15.11.1993).
- The OBC applicants who belong to the 'Non-Creamy Layer' and whose caste appears in the Central List of the OBCs only, shall be eligible to be considered for admission under the OBC category (Validity period of OBC certificate in respect of 'creamy layer' status of the applicants as per DOPT Office Memorandum No. 36036/2/2013-Estt.(Res-I) dated 31 March 2016). The validity of the non-creamy layer certificate shall be for the financial year 2016-2017.
- If the applicants do not have the OBC non-creamy layer certificate of the financial year 2016-2017 at the time of upload, the applicant may upload old OBC non-creamy layer certificate/acknowledgement slip of OBC non-creamy layer certificate application. However, at the time of admission, the applicant must produce the recent financial year's (2017-18) OBC non-creamy layer certificate, issued by the same competent authority. This additional certificate must have reference of his / her already issued original caste certificate.
- The OBC applicants shall be given a relaxation of 10% in the minimum eligibility marks of the said programme and in the admission entrance test 10% of the minimum eligibility marks prescribed for General Category applicants.
- It is a statutory obligation on the part of Colleges to fill all seats reserved for OBC applicants.
- The Colleges shall not refuse admission to any OBC applicant on the basis of medium of instruction. Any deficiency in the knowledge of any particular language should be removed, remedial classes for which may be arranged by utilizing grants that are available from University Grants Commission.
- If the seats meant for OBC remain vacant after arriving at the minimum eligibility, the same may be converted and filled up by other eligible applicants subject to approval from the University.

**Note:** The merit list for the unreserved category seats will comprise of all the applicants in the order of merit. No one will be excluded from the same. In other words, it will also include SC / ST / OBC applicants, if they come in unreserved merit. The applicant cannot be excluded from the unreserved category merit list just because the applicant belongs to SC/ST/OBC. Such an applicant is entitled to be considered under the unreserved category, as well as under the reserved category. Admission to unreserved category seats will be strictly in the order of merit without excluding SC/ST/OBC applicants.

### **Reservation of Seats for Persons with Disabilities (PwD) (Supernumerary Seats)**

As per the provisions of Rights of Persons with Disabilities Act, 2016, not less than five percent (5%) seats are reserved for Persons with Benchmark Disabilities, where "person with benchmark disability" means a person with not less than forty percent (40%) of a specified disability where specified disability has not been defined in measurable terms and includes a person with disability where specified disability has been defined in measurable terms, as certified by the certifying authority. It may be noted that the erstwhile Persons with Disability Act, 1995, under which reservation for Persons with Disabilities in admissions was provided earlier has now been repealed.

The following specified categories of disabilities as mentioned in the Schedule to the Rights of Persons with Disabilities Act, 2016 [ See clause (zc) of section 2 of Act of Rights of Persons with Disabilities Act, 2016] are eligible to get the benefit of the said reservation;

**1. Physical disability, 2. Intellectual disability, a condition characterised by significant limitation both in intellectual functioning (reasoning, learning, problem solving) and in adaptive behaviour which covers a range of every day, social and practical skills 3. Mental behaviour 4. Disability caused due to Chronic neurological conditions, Blood disorder, 5. Multiple Disabilities 6. Any other category as may be notified by the Central Government (for details refer University Bulletin 2017-18 Sec. 9.3)**



## Concessional/Waiver of fees in respect of Persons with Disabilities (PwD)

1. Consequent upon amendment to Ordinance X(4) of the University, the following provision has been added after Sub-clause 2 of Ordinance X(4) of the said Ordinance:

“Provided that the Persons with Physical Disabilities shall be waived off all the fees payable including the Examination fee and other University fees, except Admission fee, subscription towards Delhi University Students' Union and Identity Card fee for pursuing under-graduate, post-graduate or other Programmes in the University or its Colleges.”

In pursuance of the above, the applicants with physical disabilities pursuing various Programmes of study in the Faculties, Departments, Centers, and Institutions / Colleges of the University shall be exempted from payment of fees, including examination fee and other University fees, except Admission fee, subscription towards Delhi University students' Union and Identity Card fee.

2. PwD applicants who will meet the cut-off for the unreserved category and will take admission in the unreserved category (UR) will pay the fee relevant for PwD applicant.
3. In pursuance of the Executive Council Resolution No. 50 dated 03.11.2012, it is notified that the students with physical disabilities residing in different Hostels / Halls of the University are exempted from payment of all hostel fees and charges except refundable caution fee and the mess fees. The persons with Physical Disabilities shall pay 50% of the Mess fee and the remaining 50% of the Mess Fee-in respect of the PwD students is being met by the University of Delhi. Similar norms are to be adopted by the Colleges in respect of PwD Students residing in various hostels of the Colleges.

It is clarified further that the PwD students who are getting fellowships / financial assistance shall be exempted from payment of fees / charges / mess fees subject to the following conditions:

Exemption of Fees Waiver etc.	Value of Fellowship
Fees waiver + 50% Mess Subsidy	Up to Rs. 3000/- per month
Fees waiver but no Mess Subsidy	Rs. 3001 to 8000 per month
No fees waiver and no Hostel Subsidy	Rs. 8001 and above per month

## Reservation of Armed Forces (CW) (Supernumerary Seats)

1. All applicants seeking admission to various undergraduate programmes of the University of Delhi will have to register online as per schedule notified by the University.

2. Five percent (5%) of seats are reserved for applicants under CW categories, programme-wise in all Colleges.

3. All the CW applicants have to upload the Educational Concession certificate in the enclosed format to be issued by any of the following authorities on the proper letterhead.

(i) Secretary, Kendriya Sainik Board, Delhi.

(ii) Secretary, Rajya Zila Sainik Board.

(iii) Officer-in-Charge, Record Office.

(iv) 1st Class Stipendiary Magistrate.

(v) Ministry of Home Affairs (For Police Personnel in receipt of Gallantry Awards)

4. Admission may be offered to the Children/Widows of Officers and Men of the Armed Forces including Para-Military Personnel, in the following order of preference:

(i) Widows/Wards of Defence personnel killed in action;

(ii) Wards of Defence Personnel disabled in action and Boarded out from service with disability attributable to military service;

(iii) Widows/Wards of Defence Personnel who died in peace time with death attributable to military service;



(iv) Wards of Defence Personnel disabled in peace time and Boarded out with disability attributable to the military service; and

(v) Wards of serving/ Ex-servicemen personnel including personnel of police forces who are in receipt of Gallantry Awards;

Gallantry Awards include: Param Vir Chakra, Ashok Chakra, Sarvottam Yudh Seva Medal, Maha Vir Chakra, Kirti Chakra, Uttam Yudh Seva Medal, Vir Chakra, Shaurya Chakra, Yudh Seva Medal, Sena, Nau Sena, Vayusena Medal, Mention-in-Despatches, President's Police Medal for Gallantry, Police Medal for Gallantry.

**Applicants belonging to the above category shall report at Conference Centre, near Botany Department, University of Delhi, Delhi-07 for Verification of documents & Issue of Provisional Admission Slip (for schedule refer University Bulletin 2017-18 Section 2.5)**

### **Reservation of Kashmiri Migrants (KM) (Supernumerary Seats)**

1. All the Wards (sons/daughters) of Kashmiri Migrants who wish to be considered for admission to various undergraduate Programmes for University have to register online as per schedule notified by the University.
2. Upto 5% seats are reserved programme-wise in all Colleges for Wards of Kashmiri Migrants.
3. All the Wards of Kashmiri Migrants will have to upload a certificate of registration as Kashmiri Migrants issued by Divisional Commissioner/ Relief Commissioner.
4. A concession of maximum 10% in the last cut-off marks fixed for unreserved category applicants shall be extended to the Kashmiri Migrants.
5. Admission of Wards of Kashmiri Migrants will be based on cut-offs to be announced by the Colleges.
6. Wards of Ex-Servicemen.
7. Wives of:
  - a. Defence personnel disabled in action and boarded out from service.
  - b. Defence personnel disabled in service and boarded out with disability attributable to military service
  - c. Ex-servicemen and serving personnel who are in receipt of Gallantry Awards.
8. Wards of Serving Personnel.
9. Wives of Serving Personnel.

\* Benefit under CW category may extend to the wards of the Personnel of Para Military forces up to priority (v) only.

### **Prime Minister's Special Scholarship Scheme for J&K students**

The applicants selected under Prime Minister's special scholarship scheme for J&K students will be admitted directly to the Colleges

### **Reservation of seats for Sikkimese Students (Supernumerary Seats)**

Course	Seats
B.A. (Prog.)	3
B.A. (Hons.)	1
B.Com.	4
B.Com. (Hons.)	2
B.Sc. Physical Sciences /Applied Physical Sciences	2
B.Sc. Life Sciences /Applied Life Sciences	2
Total	14





As per AC Resolutions 51 dated 05/06/1980 and 122 dated 17/12/1990. The number of seats as detailed below are reserved for students from Sikkim nominated by Govt. of Sikkim, only in Colleges where hostel facilities are available. The applicants who wish to be considered under this category shall also apply online on the UG admission portal.

The allocation of Sikkimese students for admission as well as for hostel accommodation in respective Colleges will be made by the Vice-Chancellor at his discretion.

### **Reservation of Seats for Foreign Applicants (Supernumerary Seats)**

All foreign applicants, including those who have completed their schooling from an Indian Board may be treated as Foreign Students for the purpose of their registration / admission in various departments and Colleges of the University and they may be considered for admission under 5% quota prescribed for the foreign students. The foreign applicants seeking admission to Undergraduate Programmes should apply online through Foreign Students' Registry portal <http://fsr.du.ac.in> and can contact Deputy Dean (Foreign Students' Registry), Conference Centre, University of Delhi-110007

### **Reservation of Seats for Ward Quota (Supernumerary Seats)**

The admission to the wards of University and College employees, both teaching and non-teaching, to the various undergraduate programmes/courses, excluding professional programmes/courses and other courses where admission is made on the basis of entrance test, is made according to the following criteria:

- (a) For admission of the wards (sons/daughters) of the employees at the College where employees are working be given on the basis of merit among such candidates subject to ordinarily one seat for every unit of upto sixty students in a course and subject to fulfilment of minimum eligibility conditions.
- (b) For admission of the wards (sons/daughters) of the employees of the University/other Colleges (teaching/non-teaching) the total number of seats for admission will not exceed six (three for the teaching and three for the non-teaching employees) on the basis of merit among such candidates subject to a maximum of ordinarily one seat for every unit of upto sixty students in a course and subject to fulfilment of minimum eligibility conditions.

The admissions on the above norms will be against seats over and above the normal strength. The admissions under Ward Quota will be done along with fourth cut-off list and subsequently thereof. The procedure for admission under Ward Quota will also be online.

### **Admission Grievance Committees**

There will be a Central Admission Grievance Committee, located in the Dean Students' Welfare Office. Every College shall have its own Grievance Committee. The student can send an email by using the link provided on the University Undergraduate Portal under "Grievance" tab. The details of Grievance Committees of various Colleges are provided in Annexure VIII of University Bulletin and shall also be displayed on the Notice Board of the respective College. Applicants having grievances about admission should first apply to Grievance Committee of the College. If the grievance is not resolved within reasonable time, applicant may approach the Central Admission Grievance Committee.

There will be Grievance Sub-Committee to look into grievances of SC/ST/OBC and another one for PwD applicants. Each College will also have a separate grievance committee for SC/ST/OBC, which will consist of three members with liaison officer as its convener. The Colleges will display the name, contact number & email address of the members of the grievance committee members for SC/ST/OBC applicants on the College website and notice board to facilitate and address the needs/queries of aspiring applicants.



## List of the Members of Grievance Committee for 2018-19

Dr. Lokesh Chandra Mishra	9873486270	lokesh20sept@yahoo.co.in
Mr. Himanshu	9910356121	himanshukumar.hk@rediffmail.com
Dr. M.P. Sharma		
Dr. Sunder Lal		
Dr. Gaurav Kumar		
Dr. Vijay Mishra		
Dr. Ajay Kumar		
Ms. Neha Arora		
Ms. Ruchi Sharma		
Ms. Alka Khurana		
Ms. Nidhi Rawat		

### Discipline

The College expects its students to conduct themselves in a disciplined and dignified manner in the College and outside. For this, some provisions are as follows:

Students are responsible for their conduct to the Principal and are prohibited from doing anything, either inside or outside the College that will amount to a breach of discipline or interference in the College. A student will be liable to disciplinary action for violation of any of the rules of discipline. Disciplinary action may involve warning, and/ or fine, and/or suspension from use of the College library or even from the College as such, or any such action as provided for in Ordinance XV(B) and XV(C) of the Rules of Discipline of the University of Delhi. Students shall conduct themselves in a gentlemanly manner both towards the members of the staff (teaching and non-teaching) and towards their fellow students. Use of indecent language or unparliamentary conduct including teasing etc., shall be severely dealt with. As per the Hon'ble Supreme Court's order, smoking is strictly prohibited inside and around educational institutions. Delhi University is partnering with Delhi Police and World lung Foundation, South Asia to promote a tobacco free environment. As a step in that direction, smoking is banned in Hansraj College. Students shall maintain perfect silence in class rooms and desist from demonstrations or disorderly behaviour. They must not loiter in the corridors or in front of class and must keep as quiet as possible at all times. During their free periods, students should work quietly either in the Library or Reading Room, or spend time in the Students Common Room but without causing any disturbance. Students shall take proper care of the College furniture and premises, and must not spoil or cause any damage to or tamper with College property, furniture, fittings and lawns. Students shall leave their bicycles, scooters or motorcycles locked in the parking area at their own risk. No bicycle, scooters or motorcycles shall be parked in any other part of the College building. No Society can be formed in the College nor shall any person be invited to address a meeting in the College without the prior permission of the Principal. No student suffering from any contagious or infectious diseases will be permitted to attend the College.

### Prohibition of Ragging

Ragging in any form is strictly prohibited within the College premises or any other part of Delhi University as well as on public transport. Any individual or collective act or practice of ragging constitutes gross indiscipline and shall be dealt with under Ordinance XVC. Ragging or the purpose of this Ordinance ordinarily means any act, conduct or practice by which dominant power or status of senior students is brought to bear on students freshly



enrolled or students who are in anyway considered junior or inferior by other students. It includes individual or collective acts or practices which:

- Involve physical assault or threat, and/or use of physical force;
- Violate the status, dignity and honour of women students;
- Violate the status, dignity and honour of students belonging to the scheduled castes and tribes;
- Expose students to ridicule and contempt and affect their self-esteem;
- Entail verbal abuse and aggression, indecent gestures and obscene behaviour.

In case any student, who has obtained degrees of Delhi University, is found committing an act or practice of ragging she/he may be subjected under Ordinance XV to appropriate action for withdrawal of degrees conferred by the University. For the purpose of Ordinance XV abetment of ragging will also amount to ragging.

### **The Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013 (MINISTRY OF LAW AND JUSTICE)**

An Act to provide protection against sexual harassment of women at workplace and for the prevention and redressal of complaints of sexual harassment and for matters connected therewith incidental thereto. WHEREAS sexual harassment results in violation of the fundamental rights of a woman to equality under articles 14 and 15 of the Constitution of India and her right to life and to live with dignity under article 21 of the Constitution and right to practice any profession or to carry on any occupation, trade or business which includes a right to a safe environment free from sexual harassment; AND WHEREAS the protection against sexual harassment and the right to work with dignity are universally recognized human rights by international conventions and instruments such as Convention on the Elimination of all forms of discrimination against Women, which has been ratified on the 25th June, 1993 by the Government of India. AND WHEREAS it is expedient to make provision for giving effect to the said Convention for protection of women against sexual harassment at workplace. For details, please see the website <https://indiacode.nic.in/acts-in-pdf/142013.pdf>.

General Rules: Information required should be obtained through the designated window. Students are expected to make proper and careful use of the College facilities.



# विभाग / पाठ्यक्रम

## Departments/ Courses

### वनस्पति विज्ञान विभाग

वनस्पति विज्ञान विभाग हमेशा से शिक्षण अधिगम प्रक्रिया के सबसे अच्छे मानकों की स्थापना के वास्ते अपने अथक प्रयास और ईमानदारी से समर्पण के लिए प्रसिद्ध है। हम दृढ़ता से यह विश्वास करते हैं कि शिक्षा केवल सर्वोत्तम व्याख्यान प्रदान करके ही नहीं बल्कि व्यावहारिक कक्षाओं और शोध परियोजनाओं के माध्यम से भी दी जानी चाहिए। इस विभाग की संकाय सूची में समर्पित और अनुभवी शिक्षकगण हैं, जिन्हें राष्ट्रीय और अन्तर्राष्ट्रीय स्तर पर सम्मानित किया गया है। इस विभाग की सभी प्रयोगशालाएँ जरूरत के सभी उपकरणों से सुसज्जित हैं।

#### The Faculty

Manju Mathur	MSc, PhD.
Vijay Rani Rajpal	MSc, MPhil, PhD.
Anand Sonkar	MSc, MPhil, PhD.
Monika Koul	MSc, MPhil, PhD.
Ishwar Singh	MSc, PhD, LLB, UGC-Research Awardee, UGC-Raman Fellow
Archana Singh (TIC)	MSc, PhD, UGC-Raman Fellow.
Mahaswetta Saikia	MSc, PhD.
Romila Rawat Bisht	MSc, PhD.
Satyakam Guha	MSc, MPhil, PhD.

\* TIC = > Teacher In-charge

### बी.एस.सी.(ऑनर्स) वनस्पति विज्ञान

बी.एस.सी.(ऑनर्स) वनस्पति विज्ञान आज के समय के स्नातक पाठ्यक्रम के लिए काफी प्रख्यात है। यह एक व्यापक पाठ्यक्रम है जिसमें दोनों तरह के (आधारभूत तथा अनुप्रयुक्त) विषय शामिल हैं। विभाग अपने छात्रों को बहुतायत शैक्षणिक गतिविधियाँ (व्याख्यान, प्रयोगशाला कार्य, अनुसंधान परियोजना, शैक्षणिक भ्रमण, क्षेत्र परिक्षण इत्यादि) प्रदान करता है ताकि उनके व्यक्तित्व का समग्र विकास हो सके।

#### भविष्य की संभावनाएं

विभाग का पाठ्यक्रम इतना व्यापक है कि यहाँ से पढ़े छात्रों के लिए विभिन्न करियर विकल्प खुल जाते हैं। छात्र भारतीय प्रशासनिक सेवा (IAS) और भारतीय वन सेवा (IFS) को अपने करियर के रूप में चुन सकते हैं। इसके अलावा स्वास्थ्य विभाग, खाद्य प्रौद्योगिकी, पर्यावरण जागरूकता और संरक्षण जैसे विभागों में भी छात्रों के लिए नौकरी के अवसर खुले हैं। छात्रगण उद्यमिता के क्षेत्र में नर्सरी निर्माण, औषधीय पौधों की खेती, मशरूम की खेती, पौधे प्रजनन कार्यक्रम, हर्बल उत्पाद निर्माण, जैव उर्वरक का निर्माण के समान कई और चीजें कर सकते हैं।

### Department of Botany

Department of Botany is well known for its untiring efforts & sincere dedication for setting the best standards of teaching-learning process. We strongly believe that pedagogy is well strengthened not only by imparting best lectures but also by giving students an exposure of 'hands on practice' through practical classes and research projects. The department has very experienced and trained dedicated-members in its faculty list who have received recognition at national and international levels. The laboratories are well furnished to cater various needs of the students.

#### B.Sc.(Hons.) Botany

BSc (Hons.) Botany, a much sought after undergraduate course of today's times, has really gained an undivided attention of majority of students who seek admission at graduation level. This is a comprehensive course which comprises of both pure and applied plant sciences subject. It offers students a plethora of academic activities such as classroom learning, laboratory practice, infield learning, outstation excursions, research projects etc. so that they may have overall development in their personalities.

**Future Prospects:** As the course offers a rich variety of papers to its students, it has opened new vistas for the students to pursue their career in various disciplines. Students can pick up Indian Administrative Services (IAS) & Indian Forest Services (IFS) as their career. Jobs in food technology sector, health-sector, environment awareness & protection cannot be ignored. There is also a scope of entrepreneurship as students may start nurseries, medicinal-plants cultivation, mushroom cultivation, plant-breeding programme, herbal-product manufacturing, bio fertilizer manufacturing & many more things after completion of the course. Higher studies at postgraduate and doctorate levels in the subject provide opportunities to work as scientist in various Government and non-Government organizations, and also to work abroad. Career as a dedicated teacher at school, graduation & post-graduation level is another option for the students.



Semester	Core Course(14)	Ability Enhancement Compulsory Course (AECC) (2)	Skill Enhancement Course (SEC)(2)	Discipline Specific Elective: (DSE)(4)	Generic Elective: GE) (4)
I	1. Microbiology and Phycology 2. Biomolecules and Cell Biology	English/MIL Communication /Environmental Science			GE-1 (Any one) 1. Biodiversity (Microbes, Algae, Fungi and Archegoniatae) 2. Plant Anatomy and Embryology
II	3. Mycology and Phytopathology 4. Archegoniatae	English/MIL Communication /Environmental Science			GE-II 3. Plant Ecology and Taxonomy
III	5. Anatomy of Angiosperms 6. Economic Botany 7. Genetics		SEC-I (Any one) 1. Ethnobotany/ 2. Intellectual Property Rights		GE-III (Any one) 4. Plant Physiology and Metabolism 5. Environmental Biotechnology
IV	8. Molecular Biology 9. Ecology 10. Plant Systematics		SEC-II (Any one) 3. Biofertilizers 4. Medicinal Botany		GE-IV 6. Economic Botany and Biotechnology
V	11. Reproductive Biology of Angiosperms 12. Plant Physiology			DSE-I 1. Analytical Techniques in Plant Sciences DSE-II 2. Biostatistics	
VI	13. Plant Metabolism 14. Plant Biotechnology			DSE-III 3. Industrial and Environmental Microbiology DSE-IV 4. Bioinformatics	





## रसायन विज्ञान विभाग

रसायन विज्ञान विभाग कॉलेज के सबसे पुराने और बड़े विभागों में से एक है। विभाग के लिए यह गौरव की बात है कि विभाग के 25 संकाय सदस्यों को रसायन विज्ञान से सम्बंधित विभिन्न क्षेत्रों में व्यापक विशेषज्ञता प्राप्त है। विभाग में अच्छी तरह से सुसज्जित प्रयोगशालाएं हैं एवं उपकरण प्रयोगशालाएं उपलब्ध हैं जो आधुनिक उपकरणों जैसे यूवी-विज स्पेक्ट्रो फोटोमीटर, लौफोटोमीटर, पोटेन्टियोमीटर, पीएच-मीटर, कलरमीटर इत्यादि से युक्त हैं, इसके साथ ही विभाग के पास एक आधुनिक कंप्यूटर प्रयोगशाला भी है।

'केमिकल सोसाइटी' नामक हमारी विभागीय समिति वह मंच है जहां शिक्षक और छात्र कक्षा और नियमित पाठ्यक्रम से हटकर भी परस्पर संवाद करते हैं। यह समिति दुनिया भर के नवीनतम ज्ञान से विद्यार्थियों को परिचित कराने के लिए नियमित रूप से विविध संगोष्ठियों, कार्यशालाओं और विशेषज्ञ व्याख्यान आयोजित करते हैं। पाठ्यक्रम इस तरह से डिज़ाइन किया गया है कि हमारे छात्र, ग्रीन कैमिस्ट्री, एनवायरनमेंटल कैमिस्ट्री, नैनो-कैमिस्ट्री, एनालिटिकल कैमिस्ट्री, कम्प्यूटेशनल कैमिस्ट्री, बायो-टेक्नोलॉजी, इंडस्ट्रियल कैमिस्ट्री इत्यादि जैसे किसी भी विशेष क्षेत्र का चयन कर सकते हैं।

### The Faculty

Ranjana Rastogi	M.Sc., Ph.D.
Bijendra Singh	M.Sc., Ph.D.
Shampa Bhattacharyya	M.Sc., Ph.D.
RenuParashar	M.Sc., M.Phil., Ph.D.
Satish Chand	M.Sc., M. Phil.
Anjali Saxena	M.Sc., Ph.D.
Chetna Gupta	M.Sc., Ph.D.
AparnaGarg	M.Sc., Ph.D.
Pratibha Pandey	M.Sc., Ph.D.
Monica Dinodia (TIC)	M.Sc., Ph.D.
Jyoti Singh	M.Sc., Ph.D.
Manoj Kumar	M.Sc., Ph.D.
Shailendra Kumar Singh	M.Sc., Ph.D.
Himanshu	M.Sc. Ph.D.
ShwetaRastogi	M.Sc., M.Phil., Ph.D.
AparnaBansal	M.Sc., Ph.D.
Parul Pant	M.Sc., Ph.D.
Brijesh Rathi	M.Sc., Ph.D.
Ambika	M.Sc., Ph.D.
Taruna Singh	M.Sc., Ph.D.
Amit Kumar Rawat	M.Sc., M.Phil., Ph.D.
Hari Mohan Meena	M.Sc.
Surendra Kumar	M.Sc.

## Department of Chemistry

The Department of chemistry is one of the oldest and largest departments of the college. It is privileged to have 25 faculty members with their expertise spanning diverse areas of chemistry and the department comprises of well-equipped chemistry laboratories, instrumentation laboratories that house modern instruments such as UV-Vis spectrophotometers, Flame photometers, Potentiometers, pH-meters, colorimeters etc. and a modern computer laboratory.

There is also a chemical society in the department where the students and teachers interact beyond classroom and course curricula to take care of extra-curricular needs of the students. The society organizes seminars, workshops and expert lectures on regular basis to expose students to the latest developments across the globe.

The syllabus is designed in such a way that our students can opt for any of specialized fields such as Green Chemistry, Environmental Chemistry, Nano-Chemistry, Analytical Chemistry, Computational Chemistry, Bio-technology, Industrial chemistry etc



Semester	Core Course(14)	Ability Enhancement Compulsory Course (AECC) (2)	Skill Enhancement Course (SEC)(2)	Discipline Specific Elective: (DSE)(4)	Generic Elective: GE) (4)
I	C1 C2	English/MIL Communication /Environmental Science			GE-1
II	C3 C4	English/MIL Communication /Environmental Science			GE-II
III	C5 C6 C7		SEC-I		GE-III
IV	C8 C9 C10		SEC-II		GE-IV
V	C11 C12			DSE-I DSE-II	
VI	C13 C14			DSE-III DSE-IV	

Course	Course Structure for CBCS					
1. B. Sc (H) Chemistry	Core Course Sem I-VI (14 Theory Papers + 14 Practical Papers)	Ability Enhancement Course (AECC) Sem I-II	Genric Elective Sem I-IV	Skill Enhancement Course Sem III-IV	Discipline Specific Elective Sem V-VI	Available on DU website
2. B. Sc. (Prog)	Core Course Sem I-IV	Ability Enhancement Course (AECC) Sem I-II	----	Skill Enhancement Course Sem III-VI	Discipline Specific Elective Sem V-VI	Available on DU website



COR PAPERS (C): (CREDIT: 06 EACH) (4 LECTURES/WEEK FOR THEORY AND 4 PERIODS/WEEK FOR PRACTICAL)	DISCIPLINE SPECIFIC ELECTIVE PAPERS: (CREDIT: 06 EACH) (4 PAPERS TO BE SELECTED)-	LIST OF GENERIC ELECTIVE CHEMISTRY PAPERS FOR OTHER DEPARTMENTS/DISCIPLINES	SKILL ENHANCEMENT COURSES
<ol style="list-style-type: none"> <li>1. Inorganic Chemistry I: Atomic Structure &amp; Chemical Bonding (4 + 4)</li> <li>2. Physical Chemistry I: States of Matter &amp; Ionic Equilibrium (4 + 4)</li> <li>3. Organic Chemistry I: Basics and Hydrocarbons (4 + 4)</li> <li>4. Physical Chemistry II: Chemical Thermodynamics and its Applications (4 + 4)</li> <li>5. Inorganic Chemistry II: s- and p-Block Elements (4 + 4)</li> <li>6. Organic Chemistry II: Oxygen Containing Functional Groups (4 + 4)</li> <li>7. Physical Chemistry III: Phase Equilibria and Electrochemical Cells (4 + 4)</li> <li>8. Inorganic Chemistry III: Coordination Chemistry (4 + 4)</li> <li>9. Organic Chemistry III: Heterocyclic Chemistry (4 + 4)</li> <li>10. Physical Chemistry IV: Conductance &amp; Chemical Kinetics (4 + 4)</li> <li>11. Organic Chemistry IV: Biomolecules (4 + 4)</li> <li>12. Physical Chemistry V: Quantum Chemistry &amp; Spectroscopy (4 + 4)</li> <li>13. Inorganic Chemistry IV: Organometallic Chemistry (4 + 4)</li> <li>14. Organic Chemistry V: Spectroscopy (4 + 4)</li> </ol>	<p>DSE 1-4</p> <p>DSE 1: Any one of the following</p> <ol style="list-style-type: none"> <li>1. Novel Inorganic Solids (4) + Lab (4)</li> <li>2. Inorganic Materials of Industrial Importance (4) + Lab (4)</li> </ol> <p>DSE 2-4: Choose any three of the following</p> <ol style="list-style-type: none"> <li>1. Applications of Computers in Chemistry (4) + Lab (4)</li> <li>2. Analytical Methods in Chemistry (4) + Lab (4)</li> <li>3. Molecular Modelling &amp; Drug Design (4) + Lab (4)</li> <li>4. Polymer Chemistry (4) + Lab (4)</li> <li>5. Research Methodology for Chemistry (5) + Tutorials (1)</li> <li>6. Green Chemistry (4) + Lab (4)</li> <li>7. Industrial Chemicals &amp; Environment (4) + Lab (4)</li> <li>8. Instrumental Methods of Analysis (4) + Lab (4)</li> <li>9. Dissertation</li> </ol>	<ol style="list-style-type: none"> <li>1. Atomic Structure, Bonding, General Organic Chemistry &amp; Aliphatic Hydrocarbons (4) + Lab (4)</li> <li>2. Chemical Energetics, Equilibria &amp; Functional Group Organic Chemistry-I (4) + Lab (4)</li> <li>3. Solutions, Phase Equilibrium, Conductance, Electrochemistry &amp; Functional Group Organic Chemistry- II (4) + Lab (4)</li> <li>4. Chemistry of s- and p-block elements, States of matter and Chemical Kinetics (4) + Lab (4).</li> <li>5. Chemistry of d-block elements, Quantum Chemistry and Spectroscopy (4) + Lab (4)</li> <li>6. Organometallics, Bioinorganic chemistry, Polynuclear hydrocarbons and UV, IR Spectroscopy (4) + Lab (4). Molecules of life (4) + Lab (4).</li> </ol>	<ol style="list-style-type: none"> <li>1. IT Skills for Chemists</li> <li>2. Basic Analytical Chemistry</li> <li>3. Chemical Technology &amp; Society</li> <li>4. Chemoinformatics</li> <li>5. Business Skills for Chemists</li> <li>6. Intellectual Property Rights</li> <li>7. Analytical Clinical Biochemistry</li> <li>8. Green Methods in Chemistry</li> <li>9. Pharmaceutical Chemistry</li> <li>10. Chemistry of Cosmetics &amp; Perfumes</li> <li>11. Pesticide Chemistry</li> <li>12. Fuel Chemistry</li> </ol>

Options and details will be discussed with the students in due course.

## वाणिज्य विभाग

व्यापक रूप से प्रतिष्ठित बीकॉम (ऑनर्स) कोर्स का उद्देश्य वित्त, बैंकिंग, कानून, लेखा, कराधान और प्रबंधन में व्यापक अंतर्दृष्टि प्रदान करना है, जो आज के गतिशील कारोबारी माहौल में एक महत्वपूर्ण भूमिका निभाता है। यदि आप सी.ए., आई.सी.डब्ल्यू.ए./ए.सी.सी.ए और सीएस जैसे पेशेवर पाठ्यक्रमों का लक्ष्य रख रहे हैं, तो यह सही प्रारंभिक बिंदु है। उद्यमी बनने की इच्छा रखने वाले लोगों को प्रतिष्ठित लेखकों और समर्पित और अनुभवी शिक्षकों के समुदाय का सहयोग मिलेगा।

### The Faculty

Naveen Kumar Jain	- M.Com. M.Phil.	Meghna Malhotra	M.Com. M.Phil., Ph.D.
Bharat Bhushan (On Leave)	- M.Com. M.Phil., A.CS.	Preetinder Kaur	M.Com.
Neera Chopra	- M.Com. Ph.D.	Sushma Rani	M.Com. M.Phil., Ph.D.
Krishan Sachdeva	- M.Com. M.Phil., Ph.D.	Reetika Jain	M.Com. M.Phil. Ph.D. B.Ed.
Manjit Singh Saggi	- M.Com. Ph.D.	Beauty Das	M.Com. M.Sc. Ph.D.
		Sneha Suri	M.Com. M.Phil. M.Sc. Ph.D.
Manisha Verma	- M.Com. M.Phil., Ph.D.	Sudesh Kumari	M.Com. M.Phil. Ph. D.
Sonal Sharma (TIC)	- M.Com. M.Phil., Ph.D.	Ruchi	M.B.A.
Sonal Gupta	- M.Com.		

## Department of Commerce

The widely coveted B.Com (Hons.) Course aims at providing comprehensive insight into finance, banking, law, accounting, taxation and management, which play an important role in today's dynamics business environment. If you are aiming for professional courses like C.A., I.C.W.A./A.C.C.A., and C.S., this is the right starting point. Those aspiring to become entrepreneurs will also find the community of reputed authors and dedicated and experienced teachers.

	CORE (14)	AECC (2)	SEC (2)	DSE (4)	GEC (4) (for other departments)
Sem I	Financial Accounting	Environmental Studies			Micro Economics
	Business Laws				Insurance and Risk Management
Sem II	Corporate Accounting	Business Communication			Macro Economics
	Corporate Laws				Investing in Stock Markets
Sem III	Human Resource Management		E-Commerce		Business Statistics
	Income-tax Law and Practice		Training and Development		Project Management
	Management Principles and Practices		E-Marketing		
			Personal Tax Planning		



Sem IV	Cost Accounting		Entrepreneurship		Indian Economy
	Business Mathematics		Collective Bargaining and Negotiation Skills		Economics of Regulation of Domestic and Foreign Exchange Markets
	Computer Applications in Business		E-Filing of Returns		
			Cyber Crimes and Laws		
Sem V	Principles of Marketing			Discipline Specific Elective (DSE 1) (Any one of the group A)	
	Fundamentals of Financial Management			Discipline Specific Elective (DSE 2) (Any one of the group A)	
				Management Accounting	
				Corporate Tax Planning	
				Advertising	
				Banking and Insurance	
				Computerized Accounting System	
				Financial Markets, Institutions and Financial Services	
				Industrial Laws	
				Organization Behaviour	
Sem VI	Auditing and Corporate Governance			Discipline Specific Elective (DSE 3) (Any one of the group B)	
	Indirect Tax Laws			Discipline Specific Elective (DSE 4) (Any one of the group B)	
				Fundamentals of Investment	
				Consumer Affairs and Customer Care	
				Business Tax Procedure and Management	
				International Business	
				Industrial Relations and Labour Laws	
				Business Research Methods and Project Work	
				New Venture Planning	
				Financial Reporting and Analysis	
				Compensation Management	





## कंप्यूटर साइंस विभाग

'कंप्यूटर साइंस' सूचना प्रौद्योगिकी के क्षेत्र में रुचि रखने वाले विद्यार्थियों के लिए महत्वपूर्ण डिग्री है, जिसमें कोर कंप्यूटर विज्ञान विषयों सहित इलेक्ट्रॉनिक्स, गणित, तकनीकी लेखन, वाणिज्य और अर्थशास्त्र के पाठ्यक्रम शामिल हैं। सभी विज्ञान और मानविकी पाठ्यक्रमों के लिए व्यापक अनुशासन होने के कारण यह छात्रों को अन्य कई तरह के अंतर-अनुशासनात्मक लाभ प्राप्त करने में भी सहायक है। 'कंप्यूटर साइंस' की डिग्री प्राप्त करने वाले छात्र भविष्य में एमएससी, एमसीए जैसे स्नातकोत्तर पाठ्यक्रम की डिग्री प्राप्त कर सकते हैं। कंपनियों द्वारा होने वाली नियुक्तियों में एमबीए के अतिरिक्त 'कंप्यूटर साइंस' में स्नातक करने वाले छात्रों को विशेष महत्व दिया जाता है। हमारे कुशल योग्य और समर्पित संकाय छात्रों को शिक्षा, उच्च अध्ययन अनुसंधान और नियुक्ति में मार्गदर्शन प्रदान करता है। उभरते हुए रुझानों और प्रौद्योगिकी से सम्पर्क विकास में सहायता प्रदान करने के साथ ही तथा छात्रों के ज्ञान के आधार को मजबूती प्रदान करता है।

## Department of Computer Science

A degree in Computer Science provides the needed thrust for aspirants in the field of Information Technology, with its curricula including the core Computer Science subjects along with Electronics, Mathematics, Technical Writing, Commerce and Economics. Being a pervasive discipline for all science and humanities courses, it encourages students to pursue various inter-disciplinary interests. Students can pursue various post graduate courses like M.Sc., M.C.A. and M.B.A. apart from the choice of taking up placements that are offered to them by companies that require their expertise as computer science graduates. The well qualified and dedicated faculty provides guidance in academics, higher studies, research and placement of our students. Exposure to emerging trends and technologies, aids us to facilitate growth that strengthens the knowledge base of the students.

### The Faculty

Sanjay Batra (TIC)  
Baljeet Kaur  
Harmeet Kaur  
Manoj Agarwal

M.C.A.  
M.C.A., Ph. D.  
M.C.A., Ph.D.  
M.C.A., Ph. D.

### B.Sc. (Hons.) Computer Science

Sem.	CORE COURSE	AECC	SEC	DSE	GE
I	Programming Fundamentals using C/C++	(English/MIL Communication) / Environmental Science			Every semester the student has to opt from the generic electives offered by the departments of the College other than those of the Department of Computer Science.
	Computer System Architecture				
II	Programming in JAVA	Environmental Science / (English/MIL Communication)			
	Discrete Structures				
III	Data Structures		Android Programming		
	Operating Systems				
	Computer Networks				
IV	Design and Analysis of Algorithms		PHP Programming		
	Software Engineering				
	Database Management Systems				
V	Internet Technologies			DSE <sup>1</sup>	
	Theory of Computation			DSE <sup>2</sup>	
VI	Artificial Intelligence			DSE <sup>3</sup>	
	Computer Graphics			DSE <sup>4</sup>	



1. System Programming OR Numerical Methods OR Operational Research for Computer Science
2. Microprocessor OR Modeling and Simulation OR Advanced Algorithms
3. Machine Learning OR Introduction to Data Sciences OR Combinatorial Optimization
4. Digital Image Processing OR Data Mining OR Project Work / Dissertation #For more detailed course curriculum of B.Sc. (H) Computer Science, please refer [http://du.ac.in/du/uploads/Syllabus\\_2015/B.Sc.%20Hon.%20Computer%20Science.pdf](http://du.ac.in/du/uploads/Syllabus_2015/B.Sc.%20Hon.%20Computer%20Science.pdf)

### Generic Electives Offered

Semester	Title
I	Introduction to Programming
II	Introduction to Database Systems
III	Computer Networks and Internet Technologies
IV	Information Security and Cyber Laws

More details at [http://du.ac.in/du/uploads/Syllabus\\_2015/Generic%20Computer%20Science.pdf](http://du.ac.in/du/uploads/Syllabus_2015/Generic%20Computer%20Science.pdf)

### B.Sc. Programme with Computer Science

Sem.	CORE COURSE	AECC	SEC	DSE
I	Problem Solving using Computer	(English/MIL Communication) /Environmental Science		
II	Database Management Systems	Environmental Science/ (English/MIL Communication)		
III	Operating Systems		Office Automation Tools	
IV	Computer System Architecture		PHP Programming	
V			System Administration and Maintenance	Programming in JAVA OR Analysis of Algorithms and Data Structures
VI			Android Programming	Internet Technologies OR Project Work / Dissertation

More details at [http://du.ac.in/du/uploads/Syllabus\\_2015/B.Sc.%20Prog.%20Comp%20Science.pdf](http://du.ac.in/du/uploads/Syllabus_2015/B.Sc.%20Prog.%20Comp%20Science.pdf)



## अर्थशास्त्र विभाग

अर्थशास्त्र विषय में ऑनर्स दिल्ली विश्वविद्यालय का सबसे ज्यादा वांछनीय, बहुप्रतिष्ठित एवं बेहद प्रसिद्ध विषय है। यह विषय छात्रों को व्यक्ति, समष्टि अर्थशास्त्र, सांख्यिकी, तकनीक एवं दूसरे विशेषीकृत क्षेत्र जैसे मुद्रा एवं वित्त बाजार, लोकवित्त, अंतर्राष्ट्रीय व्यापार एवं भारतीय अर्थव्यवस्था जैसे विषयों से अवगत कराता है।

अर्थशास्त्र विभाग बहुत सराहनीय, बहुआयामी, बहु प्रशिक्षित अध्यापकों के साथ ही सक्रिय छात्र परिषद् से परिपूर्ण है जो नियमित रूप से व्याख्यान, सेमिनार आदि आयोजित करते हैं। जिससे छात्रों को विभाग में सक्रिय योगदान देने का पर्याप्त अवसर मिलता है। यह उनके भविष्य के लिए एक सुगठित ढाँचा प्रदान करता है एवं विभाग को भी उन्नति का अवसर प्राप्त होता है।

स्नातक छात्र-छात्राएँ अर्थशास्त्र में स्नातकोत्तर के लिए जा सकते हैं अथवा कॉलेज के प्लेसमेंट विभाग के द्वारा विभिन्न कॉर्पोरेट एवं सरकारी संस्थाओं के लिए चयनित होते हैं।

## The Faculty

CK Nanda- MBE

Anil S. Kokrady (TIC)- MA, PhD

Anita Balani - MA

Alka Kacker - MA, MPhil

Hema Kapur - MA, MPhil

Anand Mittal - MA, PhD

Shailu Singh- MA

Animesh Nasker - MA, MPhil, MSc in Economics and Financial Economics

Kapila Mallah - MA, MPhil, MSc in Economics and Econometrics

K.Sucharita Khuntia - MA, MPhil

Anjali Khurana - MA

Simran Sethi - MA

Sonam - MA

Madhvi Moni K - MA, MSc in Economics and Econometrics

## Department of Economics

One of the most sought after courses, an Honours in Economics is highly reputed and well recognised in the University. It introduces students to the basics of Microeconomics, Macroeconomics, quantitative techniques and other specialised areas like Public Finance, International Trade, Money and Financial Markets, and Indian Economy. The department is credited with highly dynamic and meritorious group of faculty, along with a vibrant and active student council, which regularly organizes seminars, lectures etc, giving ample opportunity to students to contribute positively to the department. Graduates can pursue a Masters course in the subject or opt for direct placement in several corporate and governmental organisations.

## Course

SEM	Core Course	AECC	SEC	DSE	GE
1	Introductory Microeconomics Mathematical Methods for Economics I	Environmental Science			GE1
2.	Introductory Macroeconomics Mathematical Methods for Economics-II	English/MIL Communication (Hindi/Sanskrit)			GE2
3.	Intermediate Microeconomics-I Intermediate Macroeconomics-I Statistical Methods for Economics		SEC1- Research and Methodology		GE3
4.	Intermediate Microeconomics-II Intermediate Macroeconomics-II Introductory Econometrics		SEC2- Contemporary Economic Issues.		GE4
5.	Indian Economy -I Development Economics-I			DSE -I DSE -II (From List of Group-I)*	
6.	Indian Economy -II Development Economics-II			DSE -III DSE -IV (From List of Group II)**	

**Note:** Student is supposed to choose one Generic Elective (GE) paper (Non-Economics) in each Semester from 1 to 4 offered by the other Departments of Hansraj College

**\*Group-I:** List : (i) Economics of Health and Education,(ii) Applied Econometrics,(iii) Economic History of India (1857-1947),(iv) Topics in Microeconomics-I,(v) Political Economy-I,(vi) International trade,(vii) Public Economics

**\*\*Group-II :** List : (viii) Political Economy-II, (ix) Comparative Economic Development (1850-1950), (x) Financial Economics,(xi) Topics in Microeconomics-II,(xii) Environmental Economics, (xiii) Money and Financial Markets, (xiv) Dissertation/Project



## अंग्रेजी विभाग

साहित्य की एक विस्तृत सरगम आज अंग्रेजी में उपलब्ध है, कुछ अंग्रेजी में लिखी और कुछ अनुवाद के रूप में। अंग्रेजी साहित्य के इस व्यापक आयामों से विद्यार्थियों को परिचित कराना इस पाठ्यक्रम का लक्ष्य है। यह एक गहन पाठ्यक्रम है जो एक उत्कृष्ट प्रस्थान बिन्दु के रूप में काम करता है, उन छात्रों के लिए जो साहित्य का गहराई से अध्ययन करने के उत्सुक हैं। स्नातकों के लिए मास कम्युनिकेशन, सिविल सेवा, रचनात्मक लेखन, शिक्षण आदि क्षेत्रों में अनेक संभावनाएं हो सकती हैं। यहाँ अंग्रेजी साहित्य संकाय युवा और अनुभवी लेखकों, विद्वानों, आलोचकों और थिएटर कार्यकर्ताओं का एक मिश्रण है।

### The Faculty

Nivedita Sen -M.A., M.Phil., Ph.D.  
Sanjay Kumar -M.A., M.Phil., Ph.D.  
Meenakshi Malhotra -M.A., M.Phil., Ph.D.  
Nilofer Kaul -M.A., M.Phil., Ph.D.  
S.N. Prasad -M.A., M.Phil.  
Mithuraaj Dhusiya -M.A., M.Phil, Ph.D.

## B.A. (Hons.) English

A wide gamut of literature is today available in English, some created in it, others translated into it. It is this wide spectrum of literature in English that the course aims to introduce. This is an intensive course and should serve as an excellent initiation for students who want to base their careers on an in-depth study of literature. Possible avenues beckoning graduates are mass communication, civil services, creative writing, teaching, etc. The faculty here is a mix of young and experienced authors, scholars, critics and theatre activists.

Prachee Dewri -M.A., M.Phil. , Ph. D.  
Maitri Baruah (On Leave) -M.A., M.Phil.  
Nabanita Chakraborty -M.A., M.Phil., Ph.D.  
Priyanka Verma (TIC) -M.A., M.Phil.  
Arnab Dasgupta -M.A., M.Phil.  
Himanshu Kumar -M.A., M.Phil.

### Course

Sem	Core Course (14)	Ability Enhancement Compulsory Course(AECC) (2)	Skill-based Elective Course (SEC) (2)	Elective: Discipline Specific (DSE) (4)	Elective: Generic (GE) (4)
I	Indian Classical Literature European Classical Literature	Environmental Science			GE-1
II	Indian Writing in English British Poetry and Drama: 14 <sup>th</sup> to 17 <sup>th</sup> Centuries	English/MIL Communication			GE-2
III	American Literature Popular Literature British Poetry and Drama: 17 <sup>th</sup> and 18 <sup>th</sup> Centuries		SEC-1		GE-3
IV	British Literature: 18 <sup>th</sup> Century British Romantic Literature British Literature: 19 <sup>th</sup> Century		SEC-2		GE-4
V	Women's Writing British Literature: The Early 20 <sup>th</sup> Century			DSE-1: DSE-2:	
VI	Modern European Drama Postcolonial Literatures			DSE-3: DSE-4:	

#### Note:

- Students will opt for SEC and DSE courses from a pool of SEC and DSE courses offered by the English Department.
- Students will opt for GE courses from a pool of non-English GE courses offered by other departments in the College.
- For details, please visit [http://du.ac.in/du/uploads/Syllabus\\_2015//B.A.%20Hons.%20English.pdf](http://du.ac.in/du/uploads/Syllabus_2015//B.A.%20Hons.%20English.pdf)



## बी.ए. ऑनर्स (हिंदी) विभाग

हिंदी अपने बहुआयामी रूप में व्यक्ति और समाज का आवश्यक अंग बन गयी है। वैश्वीकरण के दौर में हिंदी वैज्ञानिक भाषा के रूप में उभरी है। भारत विश्व समुदाय के समक्ष आज एक बड़े बाजार के रूप में उभरा है। भारत के बाजार का द्वार हिंदी भाषा से खुलता है। हिंदी विभाग अपने छात्रों को हिंदी भाषा के माध्यम से नयी तकनीकी और नए वैश्विक परिदृश्य से जोड़ रहा है। भाषा का वैज्ञानिक चिंतन, साहित्य का संवेदनशील और संस्कृति का वाहक रूप, युवा वर्ग के लिए आजीविका देने वाली हिंदी का अध्ययन-अध्यापन हमारा ध्येय है। बी.ए. हिंदी (विशेष), एम. ए. हिंदी के विद्यार्थी उज्ज्वल भविष्य की कामना लेकर हंसराज कॉलेज में आ रहे हैं। विभाग के सभी प्राध्यापक पूरी ईमानदारी से अपने कार्य के प्रति समर्पित होकर विद्यार्थियों को उनके लक्ष्य तक पहुंचाने का प्रयास कर रहे हैं।

### पाठ्यक्रम

Sem.	CORE (14)	AECC (2)	SEC (2)	DSE (4)	GE (4)
I	- हिंदी भाषा और उसकी लिपि का इतिहास - हिंदी कविता (आदिकालीन एवं भक्तिकालीन काव्य)	- पर्यावरण विज्ञान			GE-I
II	- हिंदी साहित्य का इतिहास (आदिकाल और मध्यकाल) - हिंदी कविता (रीतिकालीन काव्य)	- आधुनिक भारतीय भाषा (हिन्दी/संस्कृत)/अंग्रेजी			GE-II
III	- हिंदी साहित्य का इतिहास (आधुनिक काल) - हिंदी कविता (आधुनिक काल छायावाद तक) - हिंदी कहानी		*विज्ञापन और हिंदी भाषा *कंप्यूटर और हिंदी भाषा *सोशल मीडिया *अनुवाद-कौशल		GE-III
IV	- भारतीय कव्यशास्त्र - हिंदी कविता (छायावाद के बाद) - हिंदी उपन्यास		*कार्यालयी हिंदी *भाषाई दक्षता : समझ और संभाषण *भाषा और समाज		GE-IV
V	- पाश्चात्य काव्यशास्त्र - हिंदी नाटक/एकांकी			DSE-I DSE-II	
VI	- हिंदी आलोचना - हिंदी निबंध और अन्य गद्य विधाएँ			DSE-III DSE-IV	

## Department of Hindi

Hindi, in its multidimensional form has become an essential part of the individual as well as the society. In this era of globalization, Hindi has evolved as a scientific language. India has emerged as a giant market before the globe, an entry to which is possible through the Hindi language only. The Department of Hindi is using the Hindi language as a medium to associate its students to the latest technology and the contemporary global scenario. Our aim is to promote a scientific discourse on literature and to teach and study Hindi as a language which provides occupation to the youth, who is a manifestation of the sensitive thinking of the language and an ambassador of the culture. Students of B.A. Hindi (Hons) and M.A. Hindi are joining Hansraj College and looking forward to a bright career. With full honesty and dedication, the faculty members of the Department are committed to accompany the students in their journey to their goal.





## संकाय

डॉ. रमा (कार्यवाहक प्राचार्या), एम.ए., एम. फिल., पीएच.डी.

डॉ. सुधांशु कुमार शुक्ला, (प्रभारी), एम.ए., एम.फिल., पीएच.डी.

डॉ. राजमोहिनी सागर, एम.ए., एम.फिल., पीएच.डी.

डॉ. नीतू शर्मा, एम.ए., एम.फिल., पीएच.डी.

डॉ. राजेश कुमार शर्मा, एम.ए., एम.फिल., पीएच.डी.

## हिंदी विभाग की ओर से अन्य पाठ्यक्रम के विद्यार्थियों के लिए प्रश्न-पत्र

सामान्य ऐच्छिक पाठ्यक्रम <b>GENERIC ELECTIVE (G.E.)</b> (हिंदी ऑनर्स के अतिरिक्त अन्य ऑनर्स पाठ्यक्रम के विद्यार्थियों के लिए)	SEM - 1	लोकप्रिय साहित्य अथवा हिंदी सिनेमा और उसका अध्ययन
	SEM - 2	रचनात्मक लेखन अथवा पटकथा एवं संवाद लेखन
	SEM - 3	हिंदी में व्यावहारिक अनुवाद अथवा भाषा और समाज
	SEM - 4	हिंदी का वैश्विक परिदृश्य अथवा भाषा शिक्षण
आधुनिक भारतीय भाषा (MIL) बी. ए. प्रोग्राम	SEM - 1 & 4	हिंदी 'क' हिंदी 'ख' / हिंदी 'ग'
MIL Comm.	SEM - 1 & 2	हिंदी भाषा और सम्प्रेषण

### प्राध्यापक

\*DSE - 1 हिंदी की मौखिक और लोक साहित्य परंपरा अथवा अस्मितामूलक विमर्श और हिंदी साहित्य अथवा भारतीय एवं पाश्चात्य रंग सिद्धांत

\*DSE - 2 हिंदी भाषा का व्यावहारिक व्याकरण अथवा कोश विज्ञान: शब्दकोश और विश्वकोश अथवा भारतीय साहित्य की संक्षिप्त रूपरेखा.

\*DSE - 3 लोकनाट्य अथवा हिंदी की भाषिक विविधताएं अथवा भारतीय साहित्य की संक्षिप्त रूपरेखा.

\*DSE - 4 शोध प्राविधि अथवा अवधारणात्मक साहित्यिक पद अथवा हिंदी रंगमंच.



## इतिहास विभाग

एक अत्यधिक पेशेवर अकादमिक कर्मचारियों के मिश्रण से बना, इतिहास विभाग कॉलेज के प्रमुख मानविकी विभागों में से एक है। ऑनर्स कार्यक्रम में एक संतुलित पाठ्यक्रम सामग्री है जो मानव सभ्यता के विकास को हाल ही के समय से प्राचीन काल तक विकसित करती है। भारत और दुनिया में ऐतिहासिक विकास के तुलनात्मक विश्लेषण छात्रों को तीन साल के अध्ययन के दौरान प्रदान किया जाता है। पाठ्यक्रम छात्रों को शिक्षाविदों, अनुसंधान, सिविल सेवाओं, पत्रकारिता, जन संचार, कानून, पुरातत्व, संग्रहालय अध्ययन, और पर्यटन में करियर के लिए तैयार करता है। संकाय में विभिन्न क्षेत्रों के विशेषज्ञ शामिल हैं जिन्होंने स्वयं की रुचि के क्षेत्रों में बड़े पैमाने पर योगदान दिया है।

## Department of History

Comprising a highly professional academic staff, the Department of History is one of the principal humanities departments of the College. The Honours programme has a balanced course content covering the evolution of human civilization from time immemorial to recent times. A comparative analysis of historical developments in India and the world is provided to students during the three years of study. The course prepares students to pursue careers in academics, research, civil services, journalism, mass communication, law, archaeology, museum studies, and tourism. The faculty consists of specialists in diverse fields who have contributed extensively in their areas of interest.

## The Faculty

Dr. Sharmila Shrivastava – M. A., M. Phil., PhD.  
Dr. Monmayee Basu - M. A., PhD.

Yogender Dayma - M. A., M. Phil. (on leave)  
Justin Mathew (TIC) - M. A., M. Phil.

## Course

Sem.	Core Course – 14	AECC (2)	SEC (any 2)	DSE (any 4)	GE (4)
1	History of India I Social Formations and Cultural Patterns of the Ancient World	English/MIL Communication /Environmental Science			GE 1
2	History of India II Social Formations and Cultural Patterns of the Medieval World	Environmental Science/ English/MIL Communication			GE 2
3	History of India III (c. 750-1206) Rise of Modern West I History of India IV (c. 1206-1550)		SEC 1 - Understanding Heritage/Archives Museums		GE 3
4	Rise of Modern West II History of India V (c. 1550-1605) History of India VI (c. 1750-1857)		SEC 2 - Art Appreciation: An Introduction to Indian Art / Understanding Popular Culture		GE 4
5	History of Modern Europe I (1780-1939)  History of India VII (c. 1605-1750)			DSE 1 – History of USA I (c. 1776-1860s); <b>OR</b> Paper III - History of the USSR I (c. 1917-1930s); <b>OR</b> Paper IV - History of Latin America (c. 1500-1960s) DSE 2 – History of Southeast Asia I (the 19th century); <b>OR</b> Paper IX – History of Modern East Asia I (1840-1919)	
6	History of India VIII (c. 1857-1950)  History of Modern Europe II (1780-1939)			DSE 3 – History of USA II (c. 1860s-1945); <b>OR</b> Paper IV - History of the USSR II (c. 1930s-1964); <b>OR</b> Paper V – History of Africa (c. 1500-1960s) DSE 4 – History of Southeast Asia II (the 20th century); <b>OR</b> Paper X- History of Modern East Asia II (1868-1945)	



**\*Note:** General Elective Courses will be offered by the Department of History to students of all Honours Courses other than History at Hansraj College.

### History papers offered to B. A. Program Students

### BA Program – History (B.A. Program in History is offered along with Economics; Philosophy; Sanskrit)

Sem.	Core Course – 4 in History	Ability Enhancement Compulsory Course AECC (2)	Skill Enhancement Course SEC ( any 4)	Discipline Specific Elective DSE (4) – any two from History	Generic Elective (2)
1	English/MIL 1 DSC 1 A – Paper I - History of India from earliest times to 300 ce DSC 2 A	English/MIL Communication / Environmental Science			
2	MIL/English 1 DSC 1 B – Paper II - History of India 300-1206 DSC 2 B	Environmental Science / English/MIL Communication			
3	Eng/MIL 2 DSC 1 C – Paper III - History of India 1206-1707 DSC 2 C		SEC 1 - Historical Tourism: Theory and Practice		
4	MIL/Eng 2 DSC 1 D – Paper IV - History of India 1707-1950 DSC 2 D		SEC 2 - An Introduction to Archaeology / Documentation & Visual Culture		
5			SEC 3 - Museum & Archives in India / Ethnographic Practices in India	DSE 1 A Paper 4 – Patterns of Capitalism in Europe: c.16th century to the end of 19th century / Paper 5 – Cultural and Social Transformation in Early Modern Europe: 15 <sup>th</sup> -18 <sup>th</sup> Century / Paper 6 – Political and Economic History of Modern Europe: 15 <sup>th</sup> -18 <sup>th</sup> Century	GE 1 one GE paper will be taken from non History Program courses offered at Hansraj College.
				DSE 2 A	
6			Sec 4 Indian History and Culture / Orality and Oral Culture in India	DSE 1 B Paper 1 – Patterns of Colonialism in the World – 15 <sup>th</sup> to 19 <sup>th</sup> Centuries / Paper 2 – National Liberation Movements in 20 <sup>th</sup> Century World / Paper 3 – Some Aspects of European History – 1780-1945 DSE 2 B	GE 2



## गणित विभाग

गणित की विभिन्न शाखाओं जैसे बीजगणित, विश्लेषण, ऑपरेशन शोध तथा कूटलेखन में विशेषज्ञता रखने वाले संकाय सदस्यों से गठित यह विभाग विविधताओं से भरे इस विषय में समर्पण तथा तथा उत्कृष्टता की परंपरा को जारी रखे हुए है। गणित विभाग द्वारा चलाये जाने वाले पाठ्यक्रम बी. एस. सी. गणित (विशेष) में पढ़ने वाले छात्रों की तार्किक क्षमता और विश्लेषणात्मक योग्यता का विकास होता है। सेमेस्टर व्यवस्था पर आधारित पाठ्य विवरण बीजगणित, विश्लेषण, अवकल समीकरणों द्वारा गणितीय मॉडलिंग, गणितीय प्रोग्रामिंग तथा सांख्यिकी जैसी गणित की विभिन्न शाखाओं का एक व्यापक सर्वेक्षण प्रस्तुत करता है। पाठ्यक्रम के प्रायोगिक घटक के द्वारा आधुनिक सॉफ्टवेयर जैसे मथेमैटिका, मैटलैब तथा लेटेक के व्यावहारिक ज्ञान पर विशेष जोर दिया जाता है। छात्रों को निर्धारित पाठ्यक्रम से परे हो रहे गणित के शोध की झलक दिखाने के लिए गणित विभागीय संस्था पाई समय समय पर संगोष्ठियों, कार्यशालाओं, प्रश्नोत्तर प्रतियोगिताओं तथा विशेष व्याख्यानों का आयोजन करती रहती है। छात्र अपने व्यक्तित्व के चहुंमुखी विकास के लिए अनेक पाठ्येतर गतिविधियों में बढ़-चढ़ कर भाग लेते रहते हैं। इस विभाग से गणित में स्नातक की उपाधि लेने वाले छात्रों के लिए तरक्की के अवसरों की कोई कमी नहीं रही है। इनमें से एक बड़ा हिस्सा गणित तथा उसके अनुप्रयोगों से जुड़ी विज्ञान की शाखाओं में परास्नातक करते हैं और शिक्षा तथा शोध के क्षेत्र में अग्रसर होते हैं। इसके अतिरिक्त छात्रों ने अपनी पसंद के अनेक विषयों जैसे बीमांकिक विज्ञान, सांख्यिकी, ऑपरेशन शोध, प्रबंध, कानून तथा प्रशासनिक सेवाओं में उत्कृष्ट प्रदर्शन किया है।

## Department of Mathematics

Following a tradition of dedication and excellence in this diverse subject, the department comprises of highly qualified academicians with specializations in various fields like analysis, algebra, operation research and cryptography.

The students pursuing the course, B.Sc.(Hons) Mathematics offered by the department, can look forward for the development of their logical ability and analytic skills. The semester based syllabi provides a comprehensive survey of areas like analysis, algebra, mathematical modelling using differential equations, mathematical programming and statistics. A lot of emphasis is given to 'hands-on' exposure to modern software such as Mathematica, Matlab and LaTeX through practical. The Mathematics Society 'Pi' organizes seminars, quizzes, discussions and talks on regular basis for exploration beyond the prescribed syllabi. The students actively participate in other co-curricular activities in the College for their holistic development.

Students graduating from the department have had a world of career options. A reasonable number go for masters in pure or applied mathematics to prepare themselves for research and teaching. Others have excelled in their chosen fields that include statistics, actuarial sciences, operation research, management, law, and the civil services.

## The Faculty

Neelam Malhotra -M.A., M. Phil., Ph.D.  
Harjeet Arora -M.Sc., M.Phil., Ph.D.  
Preeti Dharmarha -M.Sc., M.Phil., Ph.D.  
Amita Aggarwal -M.Sc., M.Phil.  
Jyoti Bhola (TIC) - M.A., M. Phil., Ph.D.

Rakesh Batra -M.Sc., M.Phil., Ph.D.  
Mukund Madhav Mishra -M.Sc., Ph.D.  
Kriti Wadhwa -M.Sc., M.Phil.  
Arvind -M.Sc., M.Phil., Ph.D.

## Course

	Core Course (14)	Ability Enhancement Compulsory Course (AECC) (2)	Skill Enhancement Course (SEC) (2)	Elective Discipline Specific DSE (4)	Elective: Generic (4)
I	Calculus (including practicals) Algebra	(English communication/MIL) /Environmental Science			GE-1
II	Real Analysis Differential Equations (including practicals)	(English communication/MIL) /Environmental Science			GE-2



	Core Course (14)	Ability Enhancement Compulsory Course (AECC) (2)	Skill Enhancement Course (SEC)(2)	Elective Discipline Specific DSE (4)	Elective: Generic (4)
III	Theory of Real functions		SEC-1 LaTeX and HTML		GE-3
	Group Theory-I				
	Multivariate Calculus (including practicals)				
IV	Partial Differential Equations (including practicals)		SEC-2 Computer Algebra Systems and Related Softwares		GE-4
	Riemann Integration & Series of functions				
	Ring Theory & Linear Algebra-I				
V	Metric Spaces			DSE-1 (including practicals) (i) Numerical Methods or (ii) Mathematical Modeling and Graph Theory or (iii) C++ Programming	
	Group Theory II			DSE-2 (i) Mathematical Finance or (ii) Discrete Mathematics or (iii) Cryptography and Network Security	
VI	Complex Analysis (including practicals)			DSE-3 (i) Probability theory & Statistics or (ii) Mechanics or (iii) Bio-Mathematics	
	Ring Theory and Linear Algebra II			DSE-4 (i) Number Theory or (ii) Linear Programming and Theory of Games or (iii) Applications of Algebra	

For the details of the syllabi of Mathematics (Hons) check the link:

[http://du.ac.in/du/uploads/Syllabus\\_2015/B.Sc.%20Hons.%20Mathematics.pdf](http://du.ac.in/du/uploads/Syllabus_2015/B.Sc.%20Hons.%20Mathematics.pdf)

For Generic Papers offered by the department to the students of other departments:

[http://du.ac.in/du/uploads/Syllabus\\_2015/Mathematics%20papers%20for%20students%20of%20B.Sc.%20\(H\)B.A.%20\(H\)%20&%20othe%20than%20B.SC.%20\(H\)%20Mathematics.pdf](http://du.ac.in/du/uploads/Syllabus_2015/Mathematics%20papers%20for%20students%20of%20B.Sc.%20(H)B.A.%20(H)%20&%20othe%20than%20B.SC.%20(H)%20Mathematics.pdf)





## दर्शन शास्त्र विभाग

विभाग बी.ए. प्रोग्राम में दर्शनशास्त्र को मुख्य विषय के रूप में प्रस्तावित करता है और दर्शनशास्त्र को हिन्दी के बदले (एम. आई. एल.) के रूप में भी प्रस्तावित करता है। दूसरे विभाग (विशेष) के छात्रों के लिए दर्शनशास्त्र विभाग चार जेनेरिक एलेक्टिव (GE) पाठ्यक्रम को प्रस्तावित करता है। यह पाठ्यक्रम कई और तरह के अलावा तर्कशास्त्र, नीतिशास्त्र, भारतीय दर्शन, पाश्चात्य दर्शन, ग्रीक दर्शन, धर्म दर्शन, सामाजिक-राजनीतिक दर्शन और नारीवाद (फेमिनिज्म) के विकास में मील का पत्थर साबित हुए हैं। छात्र विषय की कठोरता से लाभान्वित हो सकते हैं और बौद्धिक क्षमता और उच्च विश्लेषणात्मक योग्यता विकसित कर सकते हैं। कुछ सम्भावित मार्ग जो छात्र इस विषय के माध्यम से खोज सकते हैं वे ये हैं; दर्शनशास्त्र में एम.ए., उद्यमवृत्ति, नागरिक सेवाएँ और दूसरे सम्बंधित प्रतियोगी परीक्षाएँ।

## The Faculty

Sharma Bhanu Bhupendra

Aamir Riyaz (TIC)

Satyendra Srivastava (Temp.)

## Department of Philosophy

The Department offers Philosophy as a main subject in B.A. Programme and courses in lieu of Hindi (MIL). For other Honours students the Department offers four Generic Elective courses. The courses cover important milestone in the development of Logic, Ethics, Indian Philosophy, Western Philosophy, Greek Philosophy, Philosophy of Religion, Socio-Political Philosophy and Feminism among many. Students can be benefitted from the rigor of the subject and develop intellectual potential and high analytical ability. Some of the possible avenues that can be explored on the basis of this initiation in the subject are M.A. in Philosophy, Entrepreneurship, Civil Services and other related competitive exams.

M.A., M.Phil., Ph.D.

M.A., M.Phil., Ph.D.

M.A., M.Phil., Ph.D.

## Papers offered by Department of Philosophy under CBCS:

Sem.	Core	MIL	Generic Elective (GE)	Skill Enhancement Course (Prog.)
Sem. 1	Logic	Introduction to Logic/Introduction to Indian Philosophy	Ethics in Public Domain	
Sem. 2	Ethics	Introduction to Ethics/Introduction to Western Philosophy	Formal Logic/Symbolic Logic	
Sem. 3	Indian Philosophy		Feminism	Ethical Decision Making
Sem. 4	Western Philosophy		Bio-Ethics	Yoga Philosophy
Sem. 5 & 6	<ul style="list-style-type: none"> <li>Philosophy of Religion</li> <li>Applied Ethics</li> <li>Social and Political Philosophy</li> <li>Feminism</li> <li>Aesthetics</li> <li>Buddhism</li> <li>Jainism</li> <li>Vedic value system</li> <li>Greek Philosophy</li> </ul>			

**Note:** GE papers will be offered to all the Honours students.



## शारीरिक शिक्षा विभाग

शारीरिक शिक्षा विभाग खेलों में उत्कृष्ट प्रदर्शन हेतु खेल-कूद कोटे से दाखिला पाने वाले विद्यार्थियों को विभाग सभी खेल सुविधाएं उपलब्ध करवाता है। साथ ही विभाग विद्यार्थियों के खेल प्रतिभा के विकास के लिए लगातार प्रयास करता है, जिससे वह राज्य और राष्ट्रीय स्तर पर खेलने के लिए तैयार हो सकें। विभाग विद्यार्थियों को खेल सुविधाओं के साथ खेल आयोजनों को बढ़ावा देता है।

## Department of Physical Education

The Department provides sports facilities to all students admitted on sports basis for wider participation. It strives to groom and develop outstanding sports persons for participation in state & National level events. It also maintains sports facilities and promotes sporting events.

### The Faculty

M.P. Sharma (TIC)

M.P.Ed., Ph.D.

### Papers Offered by Department of Physical Education in B.A. Prog.

Semester	Discipline Specific Core Courses (DSC)	Discipline Specific Elective Courses (DSE)	Skill Enhancement Course (SEC)	Generic Elective Course (GE)
I	Introduction to Physical Education in the Contemporary Context			
II	Fitness, Wellness and Nutrition			
III	Health Education, Anatomy and Physiology			
IV	Posture, Athletic Care and First Aid			
V		Opt any one of the Following:- (i) Sports for All (ii) Sports Psychology (iii) Sports Administration & Management	Opt any one of the Following:- (i) Wellness & Fitness (ii) Management of Aerobics & Group Training (iii) Wholistic Personality Development	Opt any one of the Following:- (i) Sports for All (ii) Sports Psychology (iii) Sports Administration & Management
VI		Opt any one of the Following:- (i) Media and Careers in Physical Education (ii) Balanced Education (iii) Measurement and Evaluation	Opt any one of the Following:- (i) Yoga Skills (ii) Sports Journalism (iii) Sports Industry & Marketing	Opt any one of the Following:- (i) Media and Careers in Physical Education (ii) Balanced Education (iii) Measurement and Evaluation

### Generic Elective offered by Physical Education Department

1. Introduction to Physical Education in the Contemporary Context
2. Fitness, Wellness and Nutrition,
3. Health Education, Anatomy and Physiology
4. Posture, Athletic Care and First Aid



## भौतिकी और ऋणाणु विज्ञान विभाग

हम जो घटनाएं हमारे चारों ओर देखते हैं, चाहे वह सूर्यास्त का लाल रंग हो या ब्रह्मांड की शुरुआत से आने वाली रोशनी, प्रकृति के कुछ नियमों के कार्य को दर्शाती है। भौतिकी विज्ञान इन कानूनों को खोजने और उनके परिणामों का अध्ययन करने का एक मानवीय प्रयास है। कॉलेज के भौतिकी विभाग की स्थापना 1948 में हुई थी, जबकि 1987 में इलेक्ट्रॉनिक्स डिवीजन अस्तित्व में आया था। विभाग यूजी कार्यक्रमों अर्थात् बीएससी (ऑनर्स) भौतिकी, बीएससी (ऑनर्स) इलेक्ट्रॉनिक्स और पीजी प्रोग्राम यानी एमएससी भौतिक विज्ञान प्रदान करता है। भौतिकी में ऑनर्स पाठ्यक्रम न केवल भौतिकी से संबंधित विषयों का गहराई से विचार प्रदान करता है बल्कि उन्हें इलेक्ट्रॉनिक्स, गणित और रसायन शास्त्र के साथ एकीकृत करता है। छात्रों के प्रश्नों और अपेक्षाओं को पूरा करने के लिए, विभाग में भौतिकी, इलेक्ट्रॉनिक्स और कंप्यूटर-आधारित प्रयोगों के लिए समर्पित प्रयोगशालाएं अच्छी तरह से सुसज्जित हैं। इलेक्ट्रॉनिक्स में ऑनर्स पाठ्यक्रम अपने छात्रों को इस शक्तिशाली और विविध क्षेत्र की मूलभूत बिन्दुओं से प्रारम्भ करता है और वैकल्पिक क्षेत्रों में विशेषज्ञता के लिए अवसर प्रदान करता है।

पाठ्यक्रम छात्रों को एक व्यापक के साथ गणित, विज्ञान और इलेक्ट्रॉनिक्स के मौलिक सिद्धांतों, और वास्तविक ज्ञान को जटिल प्रणालियों के डिजाइन, विश्लेषण और कार्यान्वयन को समझने की क्षमता के लिए तैयार करता है। छात्र कक्षा के शिक्षण से संबंधित अनुभवी शिक्षा में शामिल होने से अपनी मजबूत नींव पर निर्माण करते हैं।

विभाग का मिशन मानव क्षमता को पूरी तरह से विकसित करना है ताकि बौद्धिक रूप से सक्षम और अकादमिक अखंडता विकसित करने के लिए कल्पनात्मक रूप से प्रतिभाशाली नेता व्यवसायों की एक श्रृंखला उभर सके और छात्रों को प्रशिक्षित और विकसित करने के लिए, अच्छे और सक्षम नागरिक होने के लिए, राष्ट्र की विकास संबंधी आवश्यकताओं और प्राथमिकताओं को पूरा करने और छात्रों के नैतिक मूल्यों और नेतृत्व गुणों में शामिल होने के लिए महत्वपूर्ण योगदान करने में सक्षम, गरीबों, जरूरतमंद और वंचित लोगों के लिए काम करने के लिए तैयार किया जा सके। विभाग को अत्यधिक योग्य, अनुभवी और अत्यधिक समर्पित संकाय होने पर गर्व है। सभी संकाय सदस्य अपने शोध और शिक्षण के प्रति प्रतिबद्ध हैं। वे कक्षा में खोज की उत्तेजना लाने और छात्रों को शोध में शामिल करने के इच्छुक हैं। उनके शोध का क्षेत्र ब्रह्मांड की शुरुआत के अध्ययन से लेकर नैनो टेक्नालजी तक व्याप्त है। उनमें से कई ने अग्रणी अंतरराष्ट्रीय शोध और अकादमिक संस्थानों में काम किया है और इन संस्थानों के साथ सहयोगी शोध में शामिल होना जारी रखा है। संकाय सदस्यों का मुख्य उद्देश्य अपने छात्रों के बीच तार्किक और वैज्ञानिक तर्क की भावना पैदा करना है। संकाय सदस्य की सूची इस प्रकार है:

### The Faculty

#### Physics Department

Mr Sushil Kumar	M.Sc., M.Phil.
Dr. Pradeep Kumar	Ph. D.
Dr. Namrata Soni (TIC)	Ph. D.
Dr. Maya Verma	Ph. D.
Ms. Bhavna Vidhani	M. Sc., M. Tech.
Dr. Hema Chutani	Ph. D.
Dr. D. Srikala	Ph. D.
Dr. Chetana Jain	Ph.D.

## Department of Physics & Electronics

All the phenomena we see around us, whether it is the red colour of the sunset or the light coming from the beginning of the universe, reflect the functioning of certain laws of nature.

Physics is a human attempt to discover these laws and to study their consequences. Physics department of the college was established in 1948, while Electronics Division came into existence in 1987. The department offers UG Programmes namely B.Sc. (Honors) Physics, B.Sc. (Honors) Electronics and PG Programme i.e. M.Sc. Physics. The honours course in Physics not only provides an in-depth view of topics relating to physics but also integrates them with electronics, mathematics and chemistry. In order to cater to the queries and expectations of the students, the department has well-equipped laboratories dedicated for physics, electronics and computer-based experiments. The electronics honours course initiates its students into the basics of this potent and diverse field and also offers scope for specialization in optional areas. The course prepares students with a broad foundation in fundamental principles of Mathematics, Science, and Electronics, and the ability to apply this knowledge to understand the design, analysis, and implementation of real-life complex systems. Students build on their strong foundation by engaging in experiential learning co-related to classroom teaching. The mission of the Department is, to develop human potential fully so that intellectually capable and imaginatively gifted leaders can emerge in a range of professions, to develop academic integrity and accountability, to train and develop students to be good and able citizens, capable of making significant contribution towards meeting the developmental needs and priorities of the Nation and to inculcate in students moral values and leadership qualities, such that they shall always uphold and promote a high social order and be ready and willing to work for the emancipation of the poor, the needy and the under-privileged. The department is proud to have highly qualified, experienced and highly dedicated faculty. All the faculty members are equally passionate about their research and teaching. They are keen to bring the excitement of discovery to the classroom and to involve the students in research. Their research interests ranges from Nanotechnology to the beginning of the universe. Many of them have worked at some of the leading international research and academic institutions and continue to be involved in collaborative research with these institutions. The main motive of the faculty members is to inculcate a sense of logical and scientific reasoning amongst their students. The list of faculty member is as follows:

#### Electronics Department

Dr. Mamta Saini	Ph. D.
Sh. Prabhat K Singh	M.Sc., M.Phil.
Dr. Mona Bhatnagar	Ph. D.
Dr. Amit Sehgal	Ph. D.



## Course Outline

### B.Sc. (Hons.) Physics

	Core Course (14)	Ability Enhancement Compulsory Course (AECC) (2)	Skill Enhancement Course (SEC) (2)	Elective Discipline Specific DSE (4)	Elective: Generic (4)
I	C 1 C 2	(English communication/MIL) /Environmental Science			GE-1
II	C 3 C 4	(English communication/MIL) /Environmental Science			GE-2
III	C 5 C 6 C 7		SEC-1		GE-3
IV	C 8 C 9 C 10		SEC-2		GE-4
V	C 11 C 12			DSE-1 DSE-2	
VI	C 13 C 14			DSE-3 DSE-4	

Core Papers (C): (Credit: 06 each) (4 period/week for theory or 4 periods/week for practical)	Discipline Specific Elective Papers: (Credit: 06 each) - DSE 1-4 (4 papers to be selected: 02 each for Odd semester and Even semester) Odd semester (1-8), Even Semester (9-17)	Skill Enhancement Courses (02 to 04 papers) (Credit: 02 each)- SEC1 - SEC4
(4P -Theory + 4P- Practical) 1. Mathematical Physics-I 2. Mechanics 3. Electricity and Magnetism 4. Waves and Optics 5. Mathematical Physics-II 6. Thermal Physics 7. Digital Systems and Applications 8. Mathematical Physics III 9. Elements of Modern Physics 10. Analog Systems and Applications 11. Quantum Mechanics and Applications 12. Solid State Physics 13. Electromagnetic Theory 14. Statistical Mechanics	1. Experimental Techniques (4) + Lab (4) 2. Advanced Mathematical Physics (4 +4) 3. Embedded systems: Intro. to Microcontroller (4+4) 4. Nuclear and Particle Physics (5 + 1 Tut) 5. Physics of Devices and Communication (4 + 4) 6. Astronomy and Astrophysics (5 + 1 Tut) 7. Atmospheric Physics (4) + Lab (4) 8. Biological physics (5) + Tutorial (1) 9. Advanced Mathematical Physics-II (5+1-Tut) 10. Communication System (4) + Lab (1) 11. Applied Dynamics (4) + Lab (4) 12. Verilog and FPGA based system design (4+4) 13. Classical Dynamics (5) + Tutorial (1) 14. Digital Signal processing (4 + 4) 15. Nano Materials and Applications(4 +4) 16. Physics of the Earth (5) + Tutorial (1) 17. Medical Physics 18. Dissertation	1. Physics Workshop Skills 2. Computational Physics Skills 3. Electrical circuits and Network Skills 4. Basic Instrumentation Skills 5. Renewable Energy and Energy harvesting 6. Technical Drawing 7. Radiation Safety 8. Applied Optics 9. Weather Forecasting



<b>Generic Elective Papers (GE) (Minor-Physics) for other Departments/Disciplines:(Credit: 06 each)<sup>†</sup></b>	
<b>Odd Semesters (1st and 3rd semesters)</b> 1. Electricity and Magnetism (4) + Lab (4) 2. Mathematical Physics(4) + Lab (4) 3. Digital, Analog and Instrumentation(4) + Lab (4) 4. Applied Dynamics (4) + Lab (4) 5. Medical Physics (4) + Lab (4) 6. Waves and Optics (4) + Lab (4) 7. Quantum Mechanics (4) + Lab (4)* 8. Communication System (4) + Lab (4)* 9. Verilog and FPGA based system design (4 + 4)* 10. Nano Materials and Applications(4) + Lab (4)* *Not offered in 1st semester.	<b>Even semesters (2nd and 4th semesters)</b> 11. Mechanics (4) + Lab (4) 12. Elements of Modern Physics (4) + Lab (4) 13. Solid State Physics (4) + Lab (4) 14. Embedded System: Intro. to microcontroller(4 +4) 15. Biological physics (5) + Tutorials (1) 16. Thermal Physics (4) + Lab (4) 17. Digital Signal processing (4 ) + Lab (4) 18. Nuclear and Particle Physics (5) + Tut (1)** 19. Astronomy and Astrophysics (5) + Tutorial(1)** 20. Atmospheric Physics (4) + Lab (4)** 21. Physics of the Earth (5) + Tutorials (1)**

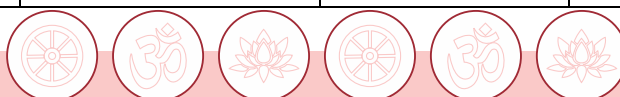
† Not offered in second semester

\* For details syllabus see the link

[http://www.du.ac.in/du/uploads/Syllabus\\_2015/BSc-Hons-Physics.pdf](http://www.du.ac.in/du/uploads/Syllabus_2015/BSc-Hons-Physics.pdf)

### B.Sc. (Hons.)-Electronics

	Core Course (14)	Ability Enhancement Compulsory Course (AECC) (2)	Skill Enhancement Course (SEC) (2)	Elective Discipline Specific DSE (4)	Elective: Generic (4)
I	C 1 C 2	(English communication/MIL) /Environmental Science			GE-1
II	C 3 C 4	(English communication/MIL) /Environmental Science			GE-2
III	C 5 C 6 C 7		SEC-1		GE-3
IV	C 8 C 9 C 10		SEC-2		GE-4
V	C 11 C 12			DSE-1 DSE-2	
VI	C 13 C 14			DSE-3 DSE-4	





<b>CORE COURSE(C): (Credit: 06 each) (1 period/week for tutorials or 4 periods/week for practical)</b>	<b>Discipline Specific Electives (DSE): (Credit: 06 each) (4 papers to be selected) - DSE 1-4</b>	<b>Skill Enhancement Course (SEC) (02 papers) (Credit: 02 each) - SEC1 to SEC2</b>
I. Basic Circuit Theory and Network Analysis (4+4) 2. Mathematics Foundation for Electronics (4+4) 3. Semiconductor Devices (4+4) 4. Applied Physics (4+4) 5. Electronic Circuits (4+4) 6. Digital Electronics and VHDL (4+4) 7. C Programming and Data Structures (4+4) VIII. Operational Amplifiers and Applications (4+4) IX. Signals and Systems (4+4) X. Electronic Instrumentation (4+4) XI. Microprocessors and Microcontrollers (4+4) XII. Electromagnetics (4+4) XIII. Communication Electronics (4+4) XIV. Photonics (4+4)	1. Power Electronics (4+4) 2. Numerical Analysis (4+4) 3. Modern Communication Systems (4+4) 4. Semiconductor Fabrication and Characterization (4+4) 5. Electrical Machines (4+4) 6. Basic VLSI Design (4+4) 7. Digital Signal Processing (4+4) 8. Control Systems (4+4) 9. Computer Networks (4+4) 10. Embedded Systems (4+4) 11. Biomedical Instrumentation (4+4) 12. Transmission Lines, Antenna and Wave Propagation (4+4) 13. Dissertation (4+4)	1. Design and Fabrication of Printed Circuit Boards (4) 2. Robotics (4) 3. Mobile Applications Development (4) 4. Internet and Java Programming (4) 5. Programming with LabVIEW (4)

<b>Generic Elective Papers (GE) for other Departments/Disciplines: (Credit: 06 each)</b>	<b>Electronics honors student will choose GE form Other Discipline - GE 1 to GE 4</b>
1. Electronic Circuits and PCB Designing (4+4) 2. Digital System Design (4+4) 3. Instrumentation (4+4) 4. Practical Electronics (4+4) 5. Communication Systems (4+4) 6. Microprocessor and Microcontroller Systems (4+4) 7. Consumer Electronics (4+4)	1. Mathematics 2. Computer Science 3. Physics 4. Biomedical Science 5. Chemistry 6. Commerce Or Any other discipline of Choice

\*For details kindly see the link

[http://www.du.ac.in/du/uploads/Syllabus\\_2015/18082015\\_B.Sc.%20\(Hons.\)%20Electronic%20Science.pdf](http://www.du.ac.in/du/uploads/Syllabus_2015/18082015_B.Sc.%20(Hons.)%20Electronic%20Science.pdf)



## संस्कृत विभाग

भारत की समृद्ध और गौरवशाली विरासत से सम्बंधित एक भाषा, संस्कृत आज प्रासंगिक है क्योंकि यह हमारे प्राचीन विचारकों के ज्ञान को प्रकाशित करने का मुख्य माध्यम है। यह विषय प्राचीन संस्कृतियों के सामाजिक, सांस्कृतिक और राजनीतिक मूल्यों को अपने छात्रों को प्राप्त करने के अलावा उन्हें प्राचीन भारतीय इतिहास, भाषाविज्ञान, पुरातत्व आदि की सराहना करने में सक्षम बनाता है। ऑनर्स पाठ्यक्रम आधुनिक समय में वैदिक उपनिषद् और शास्त्रीय साहित्य के अवबोध एवं व्याख्यान पर विशेष बल देता है। स्नातक के बाद उच्च शिक्षा में जाने के अलावा छात्र शिक्षण, अनुवाद, सिविल सेवा में रोजगार पाते हैं। संकाय में व्याकरण, दर्शन, भाषा विज्ञान और वैदिक सिद्धांतों में विशेषज्ञता के साथ समर्पित और अनुभवी शिक्षकों का समावेश होता है।

## The Faculty

Dr. Sandhya Rathore

Dr. Ranjeet Kumar Mishra

Dr. Avnish Kumar (TIC)

Dr. Braham Prakash

Dr. Satessh Kumar Mishra

## Department of Sanskrit

### B.A. (Hons.) Sanskrit

A language related to the rich and glorious heritage of India, Sanskrit is relevant today because it remains the chief medium of unlocking the wisdom of our ancient thinkers. Besides acquainting its students with the social, cultural and political values of ancient cultures the subject also enables them to appreciate ancient Indian History, Linguistics, Archaeology, etc. The Honors course lays special emphasis on interpreting ancient vedic, better Upanishadic and classical literature for modern times. Graduates find employment in teaching, translation, civil services, apart from pursuing higher studies. The faculty consists of dedicated and experienced teachers with specialization in grammar, philosophy, philology and vedic studies.

M.A., Ph.D.

M.A., M.Phil, Ph.D.

M.A., M.Phil., Ph. D.

M.A., M.Phil, Ph.D.

M.A., M.Phil, Ph.D.

## Course

SEM.	CORE COURSE	AECC	SEC	DSE	GE
I	Classical Sanskrit Literature (Poetry)	MIL Sanskrit / Environmental Science			G-1, G-2, G-3, G-4, G-5, G-6, G-7, G-8, G-9, G-10, G-11, G-12 (Any Four)
	Critical Survey of Sanskrit Literature				
II	Classical Sanskrit Literature (Prose)	MIL Sanskrit / Environmental Science			
	Self Management in Gita				
III	Classical Sanskrit Literature (Drama)		Acting And Script		
	Poetics and Literary Criticism		Writing/		
	Indian Social Institutions and Polity		Reading Skills In		
IV	Indian Epigraphy Paleography And Chronology		Brahmi Scripts/ Machine		
	Modern Sanskrit Literature		Translation: Tools And Techniques/ Evolution Of Indian Scripts/ Sanskrit Meters And Music (Any Two)		
	Sanskrit and World Literature				



SEM.	CORE COURSE	AECC	SEC	DSE	GE
V	Vedic Literature			Indian System Of Logic And Debate/ Art Of Balanced Living/ Theatre And Dramaturgy/ Tool And Techniques For Computing Sanskrit Language/ Sanskrit Linguistics/ Computational Linguistics For Sanskrit/ Fundamentals Of Ayurveda/ Environmental Awareness In Sanskrit Literature	
	Sanskrit Grammar				
Vi	Ontology And Epistemology Sanskrit Composition And Communication				

1. The student will opt for SEC and DSE courses from a pool of SEC and DSE courses offered by Sanskrit Department.
2. The student will opt for GE courses from a pool of GE courses offered by other departments in the College.
3. For details, please visit [http://du.ac.in/du/uploads/Syllabus\\_2015/B.A.%20Hons.%20Sanskrit.pdf](http://du.ac.in/du/uploads/Syllabus_2015/B.A.%20Hons.%20Sanskrit.pdf)

### Sanskrit Papers offered for B.A. Programme 2017-20

SEM	DISCIPLINE SPECIFIC DSC	MODERN INDIAN LANGUAGES MIL	DISCIPLINE SPECIFIC ELECTIVE DSE	GENERIC ELECTIVE GE	ABILITY ENHANCEMENT ELECTIVE COURSE AECC SKILL BASED
I	DSC - 1 Sanskrit Poetry	Core- MIL- Sanskrit- 1 A - 1 Sanskrit Literature/ B - 1 Upanisad And Gita/ C - 1 Niti Literature			
ii	DSC - 2 Sanskrit Prose				
iii	DSC - 3 Sanskrit Drama	Core- MIL- Sanskrit- 2 A - 2 Grammar And Translation/ B - 2 Grammar And Composition/ C - 2 Sanskrit Grammar			Basic Elements In Jyotisha / Indian Architecture System/ Basic Elements Of Ayurveda/ Computer Awareness For Sanskrit/ E - Learning Tools And Techniques For Sanskrit/ Yoga Sutra Of Patanjali/ Indian Theatre (Any Four)
iv	DSC - 4 Sanskrit Grammar				
V			Dsc -1 Philosophy, Religion And Culture In Sanskrit Tradition/ Dsc - 2 India Perspectives In Personality Development/ Dsc - 3 Literary Criticism/ Dsc - 4 Nationalism In Sanskrit Literature/ Dsc - 5 Mathematical Tradition In Sanskrit (Any Four)	Ge - 1, Ge - 2, Ge - 3, Ge - 4, Ge - 5, Ge - 6 (Any Two)	
Vi					

**Note: 3.** For details, please visit [http://du.ac.in/du/uploads/Syllabus\\_2015/B.A.%20Hons.%20Sanskrit.pdf](http://du.ac.in/du/uploads/Syllabus_2015/B.A.%20Hons.%20Sanskrit.pdf)



## प्राणिविज्ञान विभाग

हंसराज कॉलेज का प्राणिविज्ञान विभाग दिल्ली विश्वविद्यालय के मूल कॉलेजों के बीच सबसे प्रतिष्ठित विभागों में से एक है। यह ३ साल की बीएससी (ऑनर्स) प्राणीशास्त्र पाठ्यक्रम प्रदान करता है जो एक व्यापक अध्ययन पर आधारित है तथा जो जन्तुओं और जन्तु-जीवन अध्ययन पर केंद्रित है। जन्तुओं और उनके समुदायों का "जीवन" कैसे काम करता है, और इसके परिणामस्वरूप, हम कैसे काम करते हैं, इस बारे में अंतर्दृष्टि प्रदान करता है। इसमें जन्तु साम्राज्य की पूरी प्रजातियों से संबंधित वैज्ञानिक अध्ययन और जैव विविधता पारिस्थितिकीय कार्य को कैसे प्रभावित करती है। एक प्राणीविज्ञानी के रूप में, जन्तु-विज्ञान के गहन ज्ञान के अधिग्रहण और प्रयोगशाला में काम करने का अनुभव और क्षेत्रों जैसे पर्यावरण विज्ञान, जीवन विज्ञान, जेनेटिक्स, जैव प्रौद्योगिकी, विष विज्ञान, आणविक जीवविज्ञान, वानिकी, वन्यजीव संरक्षण, सतत कृषि और औषधि उद्योग आदि जैसे विभिन्न विषयों में छात्रों के करियर के लिए अवसर प्रदान करता है। जूलांजी में वर्तमान चॉइस-आधारित क्रेडिट सिस्टम (सीबीसीएस) एपिकल्चर, रिसर्च मेंथडोलॉजी और एक्वेरियम फिश रखने में बढ़िया कौशल विकसित करने के लिए स्किल एन्हांसमेंट कोर्स (एसईसी) प्रदान करता है जो छात्रों को वैकल्पिक करियर विकसित करने में मदद कर सकता है। कक्षा शिक्षा शिक्षण के साथ विभिन्न सेमिनारों, और कार्यशालाओं का आयोजन, इसके अतिरिक्त विभिन्न शोध संस्थानों, अस्पतालों, वन्य जीवन अभ्यारण्य, जैव विविधता पार्क और चिड़ियाघर का शैक्षिक भ्रमण कराया जाता है। यह छात्रों के लिए नये आयाम प्रदान करता है, एवं हस्त प्रशिक्षण और प्रतिष्ठित वैज्ञानिकों के साथ बातचीत करने का मौका जो जन्तु-विज्ञान में अनुसंधान और विकास की दिशा में गहरी समझ और रुचि पैदा करने में मदद करता है। छात्रों को डीबीटी, भारत सरकार द्वारा वित्त पोषित स्टार-कॉलेज योजना के अन्तर्गत अनुशासनात्मक परियोजनाओं में और अनुसंधान परिषद, दिल्ली विश्वविद्यालय द्वारा वित्त पोषित इनोवेशन प्रोजेक्ट के तहत भी काम करने का अवसर मिलता है। इसके अलावा कई छात्र देश के प्रतिष्ठित शोध संस्थानों में ग्रीष्मकालीन शोध प्रशिक्षु के रूप में काम करते हैं। विज्ञान-सेतु कार्यक्रम नेशनल इंस्टीट्यूट ऑफ इम्यूनोलॉजी के साथ हाल ही में स्थापित एक सहयोग है। संकाय सदस्य विशेषज्ञता के अपने संबंधित क्षेत्रों में समर्पित और अत्यधिक योग्य हैं और छात्रों के करियर को उनके विशेष निर्देशन के साथ मार्गदर्शन में एक महत्वपूर्ण भूमिका निभाते हैं।

## The Faculty

Dr(Ms) Neelam Gandhi

M.Sc. Ph.D.

Dr(Ms) Hardeep Kaur

M.Sc. M. Phil. Ph.D.

Dr Dinesh Kumar Gautam

M.Sc. Ph.D.

Dr(Ms) Vandana Kumari Singh

M.Sc. MS. M. Phil. Ph.D.

Dr Lokesh Chandra Mishra

M.Sc. Ph.D.

Dr Kaveri Chakraborty (TIC)

M.Sc. Ph.D.

## Department of Zoology

The Department of Zoology, Hansraj College is one of the most coveted departments amongst the constituent colleges of Delhi University. It offers a 3-year B.Sc. (Hons.) Zoology course which is based on a comprehensive study that focuses on animals and animal life. The study of animals and communities provides an insight into how "life" works, and, consequently, how we work. It includes the scientific studies related to the entire species of the animal kingdom, and how biodiversity affects ecological function. As a Zoologist, the in-depth knowledge of animal sciences acquired, and experience in laboratory and field work equips the students for a career in diverse disciplines like Environmental Sciences, Life Sciences, Genetics, Biotechnology, Toxicology, Molecular Biology, Forestry, Wildlife Conservation, Sustainable Agriculture and Pharmaceutical industries etc. The current Choice- Based Credit System (CBCS) in Zoology offers, Skill Enhancement Courses (SEC) to develop fine skills in Apiculture, Research Methodology and Aquarium Fish Keeping which can further help students to pursue alternate careers. Classroom teaching is supplemented with regular seminars, workshops and educational excursions to various research institutes, hospitals and wild life sanctuaries, biodiversity parks and zoo etc. This gives enormous exposure to the students, hands-on training and interaction with eminent scientists which helps in inculcating a deeper understanding and interest towards research and development in animal sciences. Students also get an opportunity to work in inter-disciplinary projects under Star-College Scheme funded by DBT, Government of India, and under Innovation Projects funded by Research Council, University of Delhi. Apart from this many students work as summer research trainees in prestigious research institutes of the country. Science-Setu Programme is another recently established collaboration with the National Institute of Immunology. Faculty members are dedicated and highly qualified in their respective fields of specialization and play an instrumental role in shaping career of the students by mentoring them with their expert guidance.

## SCHEME FOR CHOICE BASED CREDIT SYSTEM FOR B.Sc. HONOURS ZOOLOGY

Sem.	Core Course (14)	AECC (2)	Skill Enhancement Course SEC (2)	DSE (4)	Generic Elective GE (4)
I	Non- chordates I: Protista to Pseudocoelomates	English Comm. /MIL			Animal Diversity/ Insect Vectors and Disease
	Perspectives in Ecology				
II	Non- chordates II: Coelomates	Environmental Sc.			Human Physiology/ Exploring the Brain: Structure and Function
	Cell Biology				
III	Diversity in Chordates		Apiculture/ Medical Diagnostics		Food Nutrition and Health/ Environment and Public Health
	Physiology: Controlling and Coordinating Systems				
	Fundamentals of Biochemistry				
IV	Comparative Anatomy of Vertebrates		Research Methodology/ Sericulture/ Aquarium Fish Keeping		Animal Cell Biotechnology/ Aquatic Biology
	Physiology: Life sustaining Syster				
	Biochemistry of Metabolic Processes				
V	Molecular Biology			*DSE -1	
	Principles of Genetics			*DSE -2	
VI	Developmental Biology			*DSE -3	
	Evolutionary Biology			*DSE -4	



## बीएससी जीवन विज्ञान

बी.एस.सी. जीवन विज्ञान का तीन वर्षीय पाठ्यक्रम विज्ञान के विभिन्न क्षेत्रों से मिलकर बना है जिसके अंतर्गत सूक्ष्मजीवों, पौधों, जंतुओं एवं मनुष्य का वैज्ञानिक अध्ययन किया जाता है। जीवन विज्ञान ज्ञान और शोध के क्षेत्र में तेजी से विकसित होने वाला क्षेत्र है। इसलिए यह वैश्विक स्तर पर सूचना उद्योग के दिग्गजों के लिए तथा नए उत्पादों एवं शोध के क्षेत्र में कार्य करने वाले निगमों आदि के लिए एक महत्वपूर्ण क्षेत्र के रूप में सामने आया है। जीवन विज्ञान में करियर के अनेक और विस्तृत आयाम हैं। बी.एस.सी. लाइफ साइंस डीग्री पाठ्यक्रम में जीवन की विविध क्रियाओं का अध्ययन शामिल है। यथा, मोलीक्यूलर से सेल्यूलर लाइफ तक की परिवर्तन प्रक्रिया का अध्ययन। इस कोर्स को पूरा करने के बाद डीग्री धारकों के लिए प्रकृति से जुड़े कई प्रकार के करियर का स्कोप है। इस क्षेत्र में करियर विकल्पों संबंधी कुछ उदाहरण हैं फॉरेस्टर, चिकित्सक अथवा पर्यावरण वैज्ञानिक, टॉक्सिकोलोजिस्ट, साइटोजेनेटिसिस्ट, इम्यूनोलोजिस्ट तथा फार्मास्यूटिकल साइंटिस्ट आदि।

सीबीसीएस योजना के तहत कोर्स एवं पाठ्यक्रम संबंधी विस्तृत विवरण के लिए नीचे दिए गए लिंक पर जा सकते हैं।

<http://www.du.ac.in/du/index.php?page=cbsc-syllabus>

## बीएससी भौतिकी विज्ञान

बीएससी जीवन विज्ञान के विपरीत तीन वर्षीय बीएससी भौतिकी विज्ञान में विज्ञान की उन शाखाओं का अध्ययन किया जाता है जिसमें जीवित जीवों का अध्ययन शामिल नहीं होता है। विज्ञान की शाखाओं भौतिकी, रसायन विज्ञान, गणित, कंप्यूटर साइंस की अन्तःक्रियाओं में रुचि रखने वाले लोग इस विषय का चयन करते हैं। इस कोर्स को पूरा करने के बाद विद्यार्थी इस कोर्स के तहत चुने गए तीन डिप्लोमा कोर्स संबंधी विषयों में से किसी भी एक विषय में मास्टर डिग्री कर सकते हैं।

सीबीसीएस योजना के तहत कोर्स एवं पाठ्यक्रम संबंधी विस्तृत विवरण के लिए नीचे दिए गए लिंक पर जा सकते हैं। तथा इस कोर्स के लिए उपलब्ध विकल्पों को देखने के लिए भौतिकी, गणित, रसायन विज्ञान एवं कंप्यूटर साइंस विभाग के पृष्ठों को देखें। <http://www.du.ac.in/du/index.php?page=cbsc-syllabus> को देखें

## बी.एससी. मानव विज्ञान अथवा नृविज्ञान

यह तीन वर्षीय पाठ्यक्रम है। मानव विज्ञान मनुष्य और मनुष्य समाज के विकास का आरम्भ से अब तक के अध्ययन से सम्बंधित है। चूंकि यह मानव समाज के पूर्ण इतिहास और मानव समाज और उसकी संस्कृति की पूरी श्रृंखला जिसमें ऐतिहासिक रूप से दुनिया का उपेक्षित क्षेत्र भी शामिल है से सम्बंधित है अतः यह अन्य समाज विज्ञान से भिन्न है। परिणामस्वरूप मानव विज्ञान विशेष रूप से सामाजिक, सांस्कृतिक और जैविक विविधता संबंधी प्रश्नों एवं शक्ति, पहचान और असमानता की विशेष रूप से परख करता है। मानव विज्ञान में शिक्षा बहुसांस्कृतिक एवं वैश्विक रूप से जुड़ी हुई दुनिया में बेहतर ढंग से जीने और काम करने के लिए उत्कृष्ट रूप से तैयार होने का अवसर प्रदान करता है। यह विद्यार्थियों

## B.Sc. Life Sciences

B.Sc. in Life Science is a three year duration programme comprises all the fields of science that involves the scientific study of living organs like microorganisms, plants, animals and human being. Life Science is one of the fastest developing domains with an explosion in knowledge and breakthrough discoveries. Hence, it has become a major thrust area for the global giants in the information industry and also for corporates involved in research and development of new products. Life science careers vary widely. B.Sc. (Life Sciences) Degree course involves studies of various processes of life e.g. the process involved for the change from molecular to cellular life. This course opens many careers originating in nature that open many career scopes for the degree holders after completion of it. A few examples of career options in this field include being a forester, a physician or an environmental scientist, toxicologist, cytogeneticist, immunologist and pharmaceutical scientist etc. For details of the course structure under the CBCS scheme, visit <http://www.du.ac.in/du/index.php?page=cbsc-syllabus>

## B. Sc. Physical Sciences

In contrast with B. Sc. Life Sciences, the three years' undergraduate programme course in physical sciences includes study of branches of science that do not involve study of living organisms. Those interested in learning the interplay between branches of science such as physics, chemistry, mathematics and computer science opt for this course. Having passed this course, a student uses to have choice to go for a Master's programme in any of the three discipline centric subjects he/she had opted for. For details of the course structure under the CBCS scheme, visit <http://www.du.ac.in/du/index.php?page=cbsc-syllabus> and for the options offered to this course by the Departments of Chemistry, Computer Science, Mathematics and Physics, see the corresponding Department pages.

## B.Sc. Anthropology

B.Sc. Anthropology is three year duration course. Anthropology is devoted to the study of human beings and human societies as they exist across time and space. It is distinct from other social sciences in encompassing both the full span of human history and the full range of human societies and cultures, including those located in historically marginalized areas of the world. As a result, anthropology is especially attuned to questions of social, cultural, and biological diversity and to issues of power, identity, and inequality. Education in Anthropology provides excellent preparation for living and working in a





को करियर संबंधी अनेक क्षेत्रों में कार्य करने के लिए तैयार करता है। जैसे विधि, औषधि, व्यवसाय, सार्वजनिक सेवा, पर्यावरण संतुलन, रिसोर्स मैनेजमेंट आदि। कई अकादमिक मानवविज्ञानी अन्य विभागों या विश्वविद्यालय कार्यक्रमों में जैसे स्कूल ऑफ मेडिसिन, महामारी विज्ञान, सार्वजनिक स्वास्थ्य, जातीय अध्ययन, सांस्कृतिक अध्ययन, समुदाय अथवा क्षेत्रों का अध्ययन, भाषाविज्ञान, शिक्षा, पारिस्थितिकी, संज्ञानात्मक मनोविज्ञान और तंत्रिका विज्ञान आदि क्षेत्रों में अपना करियर बनाते हैं। इस पाठ्यक्रम के कोर पेपर के लिए कक्षाएं मानवविज्ञान विभाग, दिल्ली विश्वविद्यालय में संचालित होती हैं। पाठ्यक्रम संबंधी संरचना के विवरण के लिए इस लिंक पर जाएं। <http://anthro.du.ac.in/bsc.html>

## बी.एससी. भूविज्ञान

भूविज्ञान के तहत धरती के विविध अवयवों एवं इसके भौतिक गुणों के अध्ययन से सम्बंधित है। बी.एससी. भूविज्ञान पाठ्यक्रम सैद्धांतिक और व्यावहारिक दोनों प्रकार के अद्यतन बिन्दुओं से मिलकर बना है। इस पाठ्यक्रम में डिग्री प्राप्त करने वालों के लिए करियर संबंधी विकल्पों की भरमार है जिनमें आर्थिक भू विज्ञान, भूवैज्ञानिक इंजीनियरिंग, मिनरलोजी एवं रिमोट सेंसिंग शामिल है। संघ लोक सेवा आयोग, द जियोलाजिकल सर्वे ऑफ इंडिया, ओएनजीसी जैसी संस्थाएं भूविज्ञान डिग्रीधारकों को नौकरी की पेशकश करते हैं। इस पाठ्यक्रम के लिए कक्षाएं भूविज्ञान विभाग, दिल्ली विश्वविद्यालय में संचालित होती हैं। पाठ्यक्रम संबंधी संरचना के विवरण के लिए इस लिंक पर जाएं। कृपया देखें [http://www.du.ac.in/du/index.php?page=cbsc-syllabus\\_galjkt](http://www.du.ac.in/du/index.php?page=cbsc-syllabus_galjkt)

## बी ए प्रोग्राम

तीन वर्षीय बी ए प्रोग्राम एक ऐसा पाठ्यक्रम है जो छात्रों को कला और वाणिज्य की विभिन्न शाखाओं से बनी हुई एक बड़ी श्रृंखला में से अपने विषयों को चुन सकने का विकल्प उपलब्ध कराता है। एकविषयक अधिगम तक खुद को सीमित न रखने वाले रचनात्मक छात्रों के लिए यह पाठ्यक्रम एक विशेष आकर्षण रहता है। यह पाठ्यक्रम छात्रों को अपनी रुचि के अनुसार पढ़ने का अवसर देने के साथ ही उन्हें मानविकी के एक विहंगम दृश्य का अवलोकन कराते हुए उनकी सृजनात्मकता का सिंचन भी करता है। बी ए प्रोग्राम उपाधि धारक छात्र आज बड़ी संख्या में सफल प्रशासक, पत्रकार और सामाजिक कार्यकर्ता के रूप में कार्यरत हैं। बी ए (प्रो.) पाठ्यक्रम की संरचना CBCS के अनुरूप है।

**नोट :** मुख्य तथा वैकल्पिक विषयों के विभिन्न संयोजनों का निर्धारण यथोचित समय पर छात्रों तथा विभागों से चर्चा के उपरांत ही होगा।

multicultural and globally-interconnected world. It equips students for careers in a wide range of fields, including law, medicine, business, public service, environmental sustainability, and resource management etc. A number of academic anthropologists find careers in other departments or university programs, such as schools of medicine, epidemiology, public health, ethnic studies, cultural studies, community or area studies, linguistics, education, ecology, cognitive psychology and neural science. The classes for core papers of this course are conducted by and at the Department of Anthropology, University of Delhi. For more details about the course, please visit <http://anthro.du.ac.in/bsc.html>

## B. Sc. (H) Geology

Geology is the subject that studies the substances our earth is composed of, its physical properties and the evolution. The course in Geology comprises of an advanced content with both theoretical and practical components. Students having a degree in Geology have a plethora of choices to advance and choose a career which include career in Economic Geology, Geological Engineering, Mineralogy and remote sensing. Organizations such as Union Public Service Commission, the Geological Survey of India and Oil and Natural Gas corporation offer jobs to Geology degree holders. The classes of core courses of this course are conducted by and at the Department of Geology, University of Delhi. For details of the course structure, please visit <http://www.du.ac.in/du/index.php?page=cbsc-syllabus>

## B. A. Programme

The three years' B. A. Programme is a course offering a wide range of choices for the students to choose from various streams of Arts and Commerce. The course is a great attraction for the creative minds which do not want to confine to a monothematic learning. The course not only helps students pursue their interest but also helps their creativity evolve through a panoramic view of the world of humanities. A good number of students with the B. A. Programme degree are now successful administrators, journalists and social workers. The course structure of B. A. (Prog.) is as per the CBCS structure.

**\*Note :** Offers of various combinations of core and elective papers will be made after discussion with the students and the corresponding departments in due course of time.

**\*Admission Policy for B.A. (Prog.) is likely to change as per further information.**



## Seats Breakup 2017-18

CLASS	GRAND TOTAL	GEN	SC	ST	OBC
ECONOMICS	108	55	16	8	29
ENGLISH	54	27	8	4	15
HINDI	54	27	8	4	15
HISTORY	54	27	8	4	15
SANSKRIT	39	20	6	3	10
COMMERCE	208	105	31	16	56
BA (PROG)	45	23	7	3	12
B.SC LIFE SC	62	31	9	5	17
B.SC PHY.SC.	62	32	10	4	16
BOTANY	62	31	9	5	17
CHEMISTRY	69	35	10	5	19
MATHEMATICS	62	31	9	5	17
PHYSICS	69	35	10	5	19
ZOOLOGY	62	31	9	5	17
ELECTRONICS	31	16	5	2	8
COMPUTER SC.	46	23	7	3	13
ANTHROPOLOGY	31	16	5	2	8
GEOLOGY	46	24	7	3	12

1. Three percent (3%) seats in all undergraduate course are reserved for candidates with physical disabilities (not less than 40% of disability). The 3% reservation will be allocated as follows: 1% for persons with low vision or blindness; 1% for those with locomotors disabilities and cerebral palsy; 1% for hearing impaired.
2. PWD Seats are over and above the sanctioned seats shown herein and those who have applied for admission will report to the Departmental Admission In-charge. They shall carry with them the original and one attested copy of all the documents listed on Pg. 13 apart from a certificate of physical disability issued by Chief Medical Officer/ Civil Surgeon of any district or any Govt. Hospital authorized to issue such a certificate under the provision of PWD Act 1995. In case of further queries in this regard kindly refer to :<http://www.oodisabilities.nic.in>
3. In case seats reserved for the OBC category students are not filled up, such unfilled seats shall be filled up as per the Hon'ble Supreme Court guidelines.
4. Once the Admission Committee has taken a decision on a candidate's application for admission, the College will not entertain any personal representation correspondence or telephonic enquiry on the subject.

The college reserves the right to refuse admission to any candidate without assigning any reason.



## Fees Structure ( 2018-19 )

Breaking up of Annual fees (Fees in Rupees)	Sciences	Arts & Com	Comp.Sci (SFS)	M.A. All Courses	M.Com.	M.Sci All Courses
Tuition Fee	180	180	15000	216	216	216
Admission Fee	5	5	5	5	5	5
Lab. Fee	500	0	500	0	0	0
UNIVERSITY ANNUAL CHARGES	0	0	0	0	0	0
University development fee	600	600	600	600	600	600
University cultural fee	5	5	5	5	5	5
University student union	20	20	20	20	20	20
University enrolment fee	200	200	200	200	200	200
W.U.S.	5	5	5	5	5	5
N.S.S.	20	20	20	20	20	20
University Athletics fee	50	50	50	50	50	50
University Lib. Security	0	0	0	1000	1000	1000
University Lib.Development fund	0	0	0	200	200	200
University Lib.Fee	0	0	0	3	3	3
University Lab. Fee	0	0	0	0	0	20
Commatrix Fee	0	0	0	0	500	0
N.C.C.	20	20	20	20	20	20
STUDENT FUND	0	0	0	0	0	0
College Sports fee	600	600	600	600	600	600
College Student Union fee	150	150	150	150	150	150
College Societies	200	200	200	200	200	200
College Seminars	150	150	150	150	150	150
College Development fee	1950	1950	1950	1950	1950	1950
College Lab. Maintenance fee	1900	0	1750	0	0	0
College Lib. Maintenance fee	350	350	350	350	350	350
Refundable Deposit	500	500	500	500	500	500
College Maintenance fee	1500	1500	1500	1500	1500	1500
Practical Examination	100	0	100	0	0	0
Est. ( S.F )	0	0	8000	0	0	0
Annual Charges	8790	8790	8790	8790	8790	8790
Portal and network Charges( 300x12)	3600	3600	3600	0	0	0
TOTAL	21395	18895	44065	16534	17034	16554



## Annual charges:

Medical fee	200
College complaints committee	30
Electricity & Water	750
I.Card	250
Classtest & Photocopy	300
Social Function	200
Establishment	2100
Annual function	300
Computer Facility	300
A.R.G.F	2000
A.P.P Sabha	10
Garden	200
Adm. Processing fee	500
Lib. R.Room	350
College Magazine	175
Fresher's Party	20
Founders Day	125
Orientation Day Function	100
Canteen Improvement Fee	300
Dance & Music fee	30
Skill & Quality development	150
Internship	200
Mentorship	200
Total	8790

### In addition to the above, following fees are also chargeable:

1. Computer /Connectivity/Portal Charges for Undergraduate students only : Rs.300.per month. All B.Sc.(H), B.Sc.(Prog), and B.com.(H) students.
2. For final year students of B.A./B.Sc./B.com./M.A./M.Sc.Alumini Association Life membership feeRs.100/- only shall be charged.
3. From all foreign students, an amount equivalent of U\$ 100/- (may be changed as per University notification).
4. From all final year students Rs. 100/- as placement fee.

**The college authorities reserve the right to restructure the fee without any notice. Fee structure of current B.Sc.(Hons) Computer Science course may change with University notification.**



**Fee payable at the time of B.A/ B.Sc/ B.Com.1<sup>st</sup> year M.A/M.Sc./M.Com(Previous) Admission 2017-18**

S.No.	COURSE	2018-19	Exam. fee		Total Fee
1.	B.A. (Programme)	18895	510	510	19915
2.	B.Com (Hons)	18895	710	710	20315
3.	B.A (Hons.) Economics	18895	710	710	20315
4.	B.A.(Hons) English	18895	710	710	20315
5.	B.A.(Hons) Hindi	18895	710	710	20315
6.	B.A.(Hons) History	18895	710	710	20315
7.	B.A.(Hons) Sanskrit	18895	710	710	20315
8.	B.Sc.(Prog.) Life Sciences	21395	1110	1110	23615
9.	B.Sc.(Prog.) Physical Sciences	21395	1010	1010	23415
10.	B.Sc.(Hons) Botany	21395	1110	1110	23615
11.	B.Sc.(Hons) Chemistry	21395	910	1110	23415
12.	B.Sc.(Hons) Computer Sciences	43220	1310	1310	45840
13.	B.Sc(Hons) Electronics	21395	1110	1110	23615
14.	B.Sc.(Hons) Mathematics	21395	910	910	23615
15.	Geology	21395	1110	1110	23615
16.	B.Sc.(Hons) Physics	21395	910	910	23615
17.	B.Sc.(Hons) Zoology	21395	1110	1110	23615
18.	B.Sc.(Hons) Anthropology	21395	1110	1110	23615
19.	M.A.	16534	710	710	17954
20.	M.Com	17034	860	860	18754
21.	M.Sc .Anthropology	16554	1510	1510	19574
22.	M.Sc. Botany	16554	1510	1510	19574
23.	M.Sc. Chemistry	16554	910	910	18374
24.	M,Sc. Geology	16554	1410	1060	19024
25.	M.Sc. Mathematics	16554	710	710	17974
26.	M.Sc. Operational Research	16554	1060	1210	18824
27.	M.Sc. Physics	16554	710	710	17974
28.	M.Sc. Zoology	16554	1510	1510	19574

**\*Fees for PWD category students for all courses as per University & College policy**





# Academic year Calender 2018-2019

<b>SEMESTER I/III/V/VII</b>	
Classes Begin	20 <sup>th</sup> July, 2018 (Friday)
Mid-Semester break	15 <sup>th</sup> October, 2018 (Monday) to 21 <sup>st</sup> October, 2018 (Sunday) Note:- Dusshera on 19.10.2018(Friday)
Classes begin after Mid-Semester Break	22 <sup>nd</sup> October, 2018 (Monday)
Dispersal of Classes, Preparation leave and Practical Examinations begin	16 <sup>th</sup> November, 2018 (Friday)
Theory Examinations begin	30 <sup>th</sup> November, 2018 (Friday)
Winter Break	17 <sup>th</sup> December, 2018 (Monday) 31 <sup>st</sup> December, 2018 (Monday)
<b>SEMESTER II/IV/VI/VIII</b>	
Classes begin	1 <sup>st</sup> January, 2019 (Tuesday)
Mid-Semester break	18 <sup>th</sup> March, 2019 (Monday) to 24 <sup>th</sup> March, 2019 (Sunday) Note:- Holi on 20.03.2019 (Wednesday)
Classes begin after Mid-Semester Break	25 <sup>th</sup> March, 2019 (Monday)
Dispersal of Classes, Preparation leave and Practical Examinations begin	29 <sup>th</sup> April, 2019 (Monday)
Theory Examinations begin	10 <sup>th</sup> May, 2019 (Friday)
Summer Vacations	26 <sup>st</sup> May, 2019 (Sunday) to 19 <sup>th</sup> July, 2019 (Friday)



## HANS RAJ COLLEGE: FIRST ADMISSION CUT-OFF LIST (2017-2018)

S. No	Course	CUT-OFF PERCENTAGE					
		Un Reserved	OBC Category	SC Category	ST Category	PWD Category	KM Category
1	B.Sc. Physical Science	95%	92.66%	90%	90%	90%	93%
2	B.Sc. Life Science	95%	93%	92%	92%	90%	94%
3	B.Sc.(H) Computer Science	97.25%	96.25%	95%	91%	95%	96%
4	B.Sc. (H) Botany	95% PCB (B can be Bio/Bio Technology)	94% PCB (B can be Bio/Bio Technology)	91%	90%	90%	92%
5	B.Sc. (H) Chemistry	97.33% PCM	95% PCM	92%	82%	90%	97%
6	B.Sc. (H) Electronics	96% PCM	95% PCM	92%	90%	90%	95%
7	B.Sc. (H) Physics	96.66% PCM	96% PCM	92%	90%	92%	96%
8	B.Sc. (H) Zoology	96% PCB/BT	94% PCB/BT	92%	86%	86%	95%
9	B.Sc. (H) Geology	96.33%	94%	91%	91%	91%	95%
10	B.Sc. (H) Mathematics	97%	95%	94%	94%	94%	96%
11	B.A. Programme	97%	95.75%	94.5%	94.5%	94.5%	97%
12	B.A. (H) Economics	97.25%	95.25%	94.5%	91.75%	95%	95%
13	B.A. (H) English	97%	95%	92%	91%	94%	96.5%
14	B.A. (H) Hindi	87%	86%	85%	84%	86%	86.5%
15	B.A. (H) History	96%	94.5%	94%	94%	94%	95%
16	B.A. (H) Sanskrit	71%	69%	64%	64%	64%	70.5%
17	B.Com. (H)	97.5%	95%	91.75%	87.75%	89%	87.5%
18	B.Sc. (H) Anthropology	93% PCB/BT	92% PCB/BT	90%	90%	89%	90%

\* There shall be 2.5% deduction for stream change



## HANS RAJ COLLEGE: SECOND ADMISSION CUT-OFF LIST (2017-2018)

S. No	Course	CUT-OFF PERCENTAGE					
		UR	OBC Category	SC Category	ST Category	PWD Category	KM Category
1	B.Sc. Physical Science	93.66% PCM	91% PCM	89%	88%	89%	92%
2	B.Sc. Life Science	94.33% PCB / BT	92% PCB/ BT	90%	90%	88%	92%
3	B.Sc.(H) Computer Science	97%	95.75%	94%	89%	93%	95%
4	B.Sc. (H) Botany	94.66% PCB (B can be Bio/ Bio Technology)	92.66% PCB (B can be Bio/ Bio Technology)	90%	88%	89%	91%
5	B.Sc. (H) Chemistry	96% PCM	95% PCM	90%	81.66%	89%	95.66%
6	B.Sc. (H) Electronics	94.33% PCM	93.33% PCM	88%	86%	89%	93%
7	B.Sc. (H) Physics	96.33% PCM	95.66% PCM	91%	86%	90%	94%
8	B.Sc. (H) Zoology	95.33% PCB/BT	94% PCB/BT	91.66%	86%	86%	95%
9	B.Sc. (H) Geology	95%	93%	90%	90.33%	90.33%	94%
10	B.Sc. (H) Mathematics	96.5%	95%	93.5%	93%	92%	94%
11	B.A. Programme	94%	92.75%	91%	89%	92%	93.5%
12	B.A. (H) Economics	97%	94.75%	92.75%	90%	93%	93%
13	B.A. (H) English	96%	93.75%	91%	90.5%	93.5%	95.5%
14	B.A. (H) Hindi	86%	85%	83%	80%	85.75%	85.75%
15	B.A. (H) History	95.25%	93.5%	92.5%	93%	93%	94%
16	B.A. (H) Sanskrit	70%	68%	63%	63%	64%	69.5%
17	B.Com. (H)	97%	94%	90.5%	83%	86.75%	87%
18	B.Sc. (H) Anthropology	92.66% PCB/BT	90% PCB/BT	88%	88%	88%	89%



## HANS RAJ COLLEGE: THRID ADMISSION CUT-OFF LIST (2017-2018)

S. No	Course	CUT-OFF PERCENTAGE					
		UR	OBC Category	SC Category	ST Category	PWD Category	KM Category
1	B.Sc. Physical Science	93.33% PCM	90.66% PCM	88%	87.33%	88%	91%
2	B.Sc. Life Science	94% PCB / BT	91% PCB/ BT	89.33%	88%	87%	92%
3	B.Sc.(H) Computer Science	96.5%	95%	93%	87%	92%	93%
4	B.Sc. (H) Botany	94% PCB (B can be Bio/Bio Technology)	90% PCB (B can be Bio/Bio Technology)	88%	85%	88%	90%
5	B.Sc. (H) Chemistry	95.66% PCM	CLOSED	89.66%	CLOSED	88%	95%
6	B.Sc. (H) Electronics	CLOSED	93% PCM	87%	84%	88%	92%
7	B.Sc. (H) Physics	CLOSED	95.66% PCM	CLOSED	85%	88%	93%
8	B.Sc. (H) Zoology	95% PCB/BT	93.33% PCB/BT	91%	86%	86%	94%
9	B.Sc. (H) Geology	94%	92%	89.5%	90%	90%	93%
10	B.Sc. (H) Mathematics	96.25%	CLOSED	93%	91%	90%	93.5%
11	B.A. Programme	93.5%	92.5%	90.5%	88%	90%	93%
12	B.A. (H) Economics	97%	93.75%	90.5%	87.5%	91%	91%
13	B.A. (H) English	95.75%	92.5%	90.75%	90.25%	93%	95%
14	B.A. (H) Hindi	85.5%	83%	82%	76%	85%	85%
15	B.A. (H) History	94.75%	91.5%	91%	91%	91%	94%
16	B.A. (H) Sanskrit	CLOSED	66%	61%	61%	64%	68%
17	B.Com. (H)	96.75%	93.75%	90%	79.5%	85.5%	86%
18	B.Sc. (H) Anthropology	92.33% PCB/BT	89.33% PCB/BT	87%	86%	87%	88%







THE PRINCIPAL



CHIEF GUEST



CHIEF GUEST

# THE WALL



## Hum Aur Hamara Hansraj



"Lobsang Sangay"  
PM Tibet



Amini Juan Kehu Thi  
"BAADSHAH"



SAVITRI JINDAL



"Rannvijay Singh"



GOPAL SURNAMANUM



"Vinod Dua"  
Media Personality



RICHARD REKHY



PALLAV BADOLA





## Delhi University Gold Medalists 2017-18



**Sudeshna Biswas**  
M.Sc. Anthropology



**Tusharika Singh**  
M.Sc. Geology



**Rohit Kumar**  
M.A. Sanskrit



**Srijan Srivastava**  
Integrated B.Sc.-M.Sc. Geology



**Preksha Sahai**  
B.Sc. (H) Anthropology



**Atul Kumar Shukla**  
B.A. (H) Sanskrit



**Anirbaan Banerjee**  
B.A. (H) English

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