



**SRI GURU TEGH BAHADUR KHALSA COLLEGE  
UNIVERSITY OF DELHI**

**NAAC Accredited With Grade "A"  
NIRF Rank - 23**



**INFORMATION BULLETIN - 2018-19**



## *Sri Guru Tegh Bahadur (1621-1675)*

ਭੈ ਕਾਹੂ ਕਉ ਦੇਤ ਨਹਿ ਨਹਿ ਭੈ ਮਾਨਤ ਆਨ ॥  
ਕਹੁ ਨਾਨਕ ਸੁਨਿ ਰੇ ਮਨਾ ਗਿਆਨੀ ਤਾਹਿ ਬਖਾਨਿ ॥

*He, who fears no one, nor makes others afraid :  
Says Nanak, he alone is wise, O mind, he alone knows his God.*

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# SRI GURU TEGH BAHADUR KHALSA COLLEGE



**S**ri Guru Tegh Bahadur Khalsa College; NAAC accredited with Grade 'A' and NIRF ranking 23, was established in the year 1951 by Delhi Sikh Gurudwara Management Committee. It is a constituent College of University of Delhi. It endeavours to indoctrinate the ideals of self-sacrifice and service among the youth. It is named after the ninth Guru, who laid down his life to uphold freedom of belief and conscience and whose sacrifice and martyrdom for secular values are unique in the annals of history. The College had a modest beginning and functioned from the building of Sri Tegh Bahadur Khalsa School at Dev Nagar (Karol Bagh). In 1973, it shifted to its present premises in the North Campus. The College has evolved into a prestigious institution with magnificent infrastructure. Our Sant Longowal sports complex, excellent playgrounds, well-equipped Mata Gujri library, well-maintained laboratories and technologically upgraded computer centres, state-of-the-art Auditorium and Seminar Hall, are a matter of pride. The centre for e-learning has been set up by the UGC in the college. Guru Angad Dev-Teaching Learning Centre (GAD-TLC); a centre of MHRD, Govt. of India has been awarded National Resource Centre of Chemistry. The College has established a Science Research Centre to promote research activities at the undergraduate level. Apart from being a centre of excellence in higher education in Arts, Commerce, Social Sciences, Physical Sciences and Biological Sciences, the institution takes pride in promoting Punjabi language and culture. The college has Mata Gujri Girls' Hostel to provide accommodation to 150 students.



## *President's Message*

**S. Manjit Singh G.K.**

President

Delhi Sikh Gurudwara Management Committee  
and Shiromani Akali Dal (Delhi State)

**S**ri Guru Tegh Bahadur Khalsa College has been named after the Ninth Guru, Sri Guru Tegh Bahadur Sahib, whose martyrdom for the cause of secularism and principles of compassion provides the guiding spirit for the institution. The College was established to propagate and instil the great Guru's cherished ideals of service and self-sacrifice among the youth with the motto 'March Forward'. The college began in July 1951 in Dev Nagar, with admissions to under-graduate courses in a few disciplines. College archives reveal that our first batch of students appeared in the University of Delhi examinations in 1952. The college moved to its present premises in the University of Delhi campus in 1974.

Through the passing years, our academic results have been reasonably competitive and impressive both in academics and sports. The college has a distinguished teaching staff of over 160 members. Most of our teachers have either completed their PhD or M Phil programmes. There are specialized laboratories like the Ciliate Biology Laboratory and the High Energy Physics lab, set up in collaboration with the Department of Science and Technology. We have also established a Centre for e-Learning in the College premises, which is being used extensively and widely appreciated. Our students have been securing first or second positions in the University examinations. At present our college offers 19 different academic courses. The college has on its rolls over 3,000 students from all over the country and abroad. Our motto has always been to serve humanity with humility and dedication. Delhi Sikh Gurudwara Management Committee wants to ensure that talented students from a lesser privileged background also get similar opportunities to get educated and improve their skills. Over the years Khalsa College has helped students from these sections of society.

The Delhi Sikh Gurudwara Management Committee will continue to help the college in maintaining and improving its sports and academic infrastructure to ensure that our students imbibe a proper value based culture so that they emerge as responsible citizens of our nation.



## *General Secretary's Message*

**S. Manjinder Singh Sirsa**

MLA, Delhi

General Secretary (DSGMC)

**S**ri Guru Tegh Bahadur Khalsa College was established in 1951 and is maintained by the apex body of the Sikhs, the Delhi Sikh Gurudwara Management Committee, Delhi, a statutory body created under an act of Parliament. The main purpose for establishing the College was to ensure a comprehensive, social, political and economic transformation through access to the quality education to the masses.

The college has for decades attracted talented students who have made valuable contribution to the civil society in academics and sports. I too am proud to be an alumnus of this institute and be associated with it.

Our constant endeavour is to create an ambience in the campus propitious for academic, physical, spiritual and moral development of the students. Strict discipline is maintained within the campus.

I can proudly say that the college doesn't just produce graduates, but excellent citizens for the nation.

I wish all the admitted students best of luck, and hope their stay in this institute is as rewarding for them as for the college.



## *Chairman's Message*

### **S. Tarlochan Singh**

Former Member of Parliament (Rajya Sabha)

Former Chairman, National Minorities Commission of India

**S**ri Guru Tegh Bahadur Khalsa College endeavours to promote the message of service and sacrifice with humility propounded by the Great Gurus. In a world torn by internecine strife, Sri Guru Tegh Bhadur's message of freedom of worship can become a guiding principle to restore peace and harmony amongst warring nations and communities.

Sri Guru Tegh Bahadur Khalsa College started in July 1951, with admissions to under-graduate courses in Economics, History, Mathematics , Political Science and preparatory courses. The pre-medical stream was introduced from the next session. Archives reveal that our first batch of students appeared in the University of Delhi examinations, in 1952.

In the initial year, we began with 49 students and a faculty of six teachers. Today the college has on its roll over 3000 students from all over India as well as other countries. Full credit goes to the distinguished office-bearers and members of the Delhi Sikh Gurudwara Management Committee, for rapidly improving the infrastructure and facilities at SGTB Khalsa College.

I extend my best wishes to the students seeking admission to this college.



## *Principal's Message*

**Dr. Jaswinder Singh**

Principal  
SGTB Khalsa College



**S**ri Guru Tegh Bahadur Khalsa College, a constituent college of the University of Delhi, in its sixty-seven years of existence has emerged as one of the leading institutions of higher learning with twenty one Undergraduate programmes and twelve Masters programmes in sciences, social sciences and humanities. “Manas ki Jaat Sabhai Eke Pehchano” (All Human Races are one) has been the guiding principle of our College. Over these years, it has served the underprivileged and minority communities by transforming the students of these sections into informed and vibrant individuals through education.

The college has always maintained an excellent amalgamation of modernity and tradition. To meet the contemporary requirements, the College has been providing education in professional courses. In keeping with the needs of the day and age, the college has also established a 'Centre for E-Learning' with an aim to generate high quality, multimedia enriched e-learning solutions for enhancing the quality of education. The college library has also been upgraded to accommodate a more comfortable reading space for students and teachers alike with computers and Wi-Fi services at their disposal for research purposes. In the present globalized environment, our students are also trained in various languages through certificate courses in German, Russian, Spanish, Chinese, Korean, French and Japanese.

The College runs many research projects, awarded by the University of Delhi, UGC, DRDO and the Department of Science and Technology. Many teachers are assisting students in their doctorate research. These teachers have now extended their work and included undergraduate students in their research, enabling them to learn and become part of the research. To enhance their knowledge and employability, students are encouraged to take up assignments and training in the corporate sector and in the universities in India and abroad during the vacations.

Organization of national and International seminars, conferences, professional development programmes for the teachers and students is an integral part of the academics. The dedicated teaching and non-teaching staff of the College overwhelmingly participates in the entire process.

I am happy to report that our college is NAAC accredited Grade “A” with score of 3.41. This ranks our institutions among the best colleges in the country. This is further supported by our 2017 NIRF rank 23.

Many of our former students are leading scientists, teachers, civil servants, outstanding sports persons and business professionals contributing significantly to the society.

I wish all the aspirants the best of luck, and all those who will be successful in securing admission; a happy and rewarding stay in the College.

# COLLEGE INFRASTRUCTURE

## LIBRARY

The Mata Gujri library, is operating an automated browsing catalogue (OPAC), using which it has become easier to access and classify the books. The library has gate security check system with 16 CCTV cameras installed to monitor. Around 2000 books of various subjects are added annually. Library is equipped with a new fully air conditioned reading room which can accommodate 200 students operational along with a new magazine and periodicals section.

Fully computerized, with lift facility it is the first such library in the entire University. New computerized ID cum Library tickets for students and staff and a Braille book-section for visually impaired students are the USP of the facility.

The College library currently has more than 1,34,000 books. More than 15,000 invaluable manuscripts and other materials on History, Religion and Politics adorn its shelves. The library caters to the needs of not only the 3000 students of the college but also to many research scholars and academicians from the University of Delhi and outside. The Annual General Budget of the Library is over Rs. 12,50,000. College provides access to Internet in the Library Reading Room for the students and the staff during college hours. 32 CCTV cameras along with control system have been installed in the library to monitor the activities of students, to maintain the discipline.

The Library Membership is also open to Indian and Foreign Research students who are interested in ancient manuscripts, rare books, magazines and other valuable material available in the library. The Students Aid Fund Section books are issued at the starting of the academic session and students are permitted to retain these books for the full session. The library has a separate section of 8,000 classics and other reference books on Sikh studies. The library preserves all the editions of the college magazine “THE TEGH” with the first edition published in 1953. Library is ICT friendly as per International Library Standards and Specifications. The Acquisition as well as circulation process is fully automated. The OPAC (Online Public Access Catalogue) facility was introduced in September 2007. The students and staff have utilized this facility for easy access of the books. Apart from print journals library has started subscribing N-LIST (National Library and Information Services Infrastructure for Scholarly Contents) program of INFLIBNET. The library is connected with Delhi University wide area campus networking system and provides access to electronic resources to its uses from Delhi University Library system (DULS) and UGC - INFONET Consortiun. Library is subscribing 12 journals, 46 magazine and 27 newspapers.

### Workshops & Training Programmes

- Library Orientation Programme: The Orientation Programme is conducted at the commencement of new academic session every year. Students were oriented towards library for its collection, services, and facilities etc. in batches.
- N-LIST Demo Classes: Twice in a week to train the students with e-resources and also collect the feedback.
- Library Internship: Library offers Internships for the students who are trained to work in all sections of Library.
- New Arrivals: The list of the new books added to the library is prepared on the computer and is displayed in the reading hall periodically for the information of the users.



## SPORTS

The College is known for excellence in sports; and on many occasions, our students have participated in international competitions. The College has a spacious playground for Hockey, Cricket, Football, Kho-Kho, Basket-ball, Tennis, Volley-ball, Swimming, Soft-ball, Archery, Shooting, Baseball, Hand-ball and Wrestling. Adequate facilities for indoor games like Table Tennis, Carrom, Chess and mini Gymnasium are also available.



Our magnificent sports complex named after Sant Harchand Singh Longowal has a state of art gymnasium. The students can undergo physical fitness training under skilled supervision of professional trainers. Complex also includes a squash court, three table tennis rooms, and changing rooms for players. There is also a decoratively built seminar room providing infrastructure for workshops, seminars and related activities.

The Lawn Tennis complex has two flood-lit, synthetic surface courts. Excellent facilities for coaching are available to the students in the complex.



## CLASSROOMS

College has 50 classrooms, most of which are air- conditioned. 36 classrooms have been equipped with projection system as well as access to internet and OERS.



## LABORATORIES



College has well equipped spacious laboratories for the science streams. Labs are continuously upgraded with modern equipments with annual purchase of instruments, while existing equipments are maintained in good condition as well. There are total of twenty four laboratories; five each in department of Physics, Botany and Zoology, while Computer science has four, Chemistry has three and Electronics Department has two labs.

## INTERNET ACCESS



College campus is wi-fi enabled. Internet is accessible across the campus on both wired and wireless network. Access is as per the University specified authorization protocol. Additionally, college has computer labs and a reading room facility in library which have internet connectivity. Entire College campus including Academic Blocks, Library, Auditorium, Canteen, Girls Hostel, Sports Complex, and Principals Residence is on wireless network using 28 access points and 7 bridges and a zone-director. University network is available on wireless. Each user is given a username and password and the AAA servers in Computer Lab-II serve through the local part of the active directory as per the protocol specified by the Delhi University Computer Center.

## GIRLS' HOSTEL

Sri Guru Tegh Bahadur Khalsa College also provides hostel facility for the outstation girl students. Mata Gujri Hostel, started from the session 2012-13 is equipped with modern facilities and located within the college campus, and has 49 rooms to accommodate 147 students.



## COLLEGE CANTEEN

The College has spacious Canteen where quality and healthy eatables are served at affordable prices. Besides canteen an outlet of Café Coffee Day express is located just outside the botanical garden, where students can have gourmet food and drinks at subsidised rates.

## EQUAL OPPORTUNITY CELL FOR DIFFERENTLY ABLED STUDENTS

The College is privileged to have a Disability Cell under the UGC-HEPSN scheme which promotes the physically challenged students enrolled in the College in a holistic manner and aims at providing academic and physical help as well as career and social counseling. The college has put up tectites and guiding tiles in the pathways for easy accessibility to teaching blocks and auditorium, lifts for the science block and special washrooms for physically challenged students. Besides, a designated space for machine-enabled reading for the visually challenged is provided and a budget is ear-marked for giving away helping devices. The number and distribution of students with physical disabilities varies from year to year. Every year

visually challenged students are given away Angel voice recorder-player from the College; besides specifically configured notebook computers provided by the University's Equal Opportunity Cell. A special toilet for the persons with physical disabilities is operational on the ground floor. The timetable schedule makes best effort to allocate the classrooms in a way such that such students are facilitated in access and are conveniently placed.

### AUDITORIUM AND SEMINAR HALL



A multipurpose, state-of-the-art Auditorium named after the eminent Sikh leader Master Tara Singh is the hub of academic and cultural activities in University of Delhi. The fully air-conditioned auditorium is equipped with latest facilities. With a capacity of 600, the auditorium has witnessed many cultural and academic activities.

The college now has Guru Arjan Dev Seminar Hall with a capacity of 125 to accommodate a smaller audience for academic seminars and discussions.



### SRI GURU HAR RAI BOTANICAL GARDEN

The Botanical Garden named after seventh Guru has various sections such as herbal garden, mushroom cultivation hut, rockery, bonsai house, nursery, green house and vermi-compost area. At the entrance the tools have been displayed to make students aware of the gardening techniques. A classroom named "Gurukul" is constructed to conduct classes of ecology, taxonomy and environmental science. The facility is first of its kind in university where traditional classroom comes closer to nature.



### SECURITY

Surveillance cameras are installed at the main-gate covering the entry and surrounding areas, main-gate of the Girls Hostel, Library, and a few other strategic places. Security staff is deployed at strategic locations. A comprehensive surveillance network covers every corner of the College.

Security staff is deployed at strategic locations such as main entrances round the clock. Police-beat is stationed at the College main gate as additional measure.

### BANK

The College has on its premises a branch of the Punjab and Sind Bank.

## SCIENCE RESEARCH CENTRE

College has established a Science Research Centre for promotion of research activities involving students under the vision of Dr. Jaswinder Singh (Director) and Dr. Sukanta Dutta and Dr. P. Arun (Co-ordinators). The Center aims to promote interdisciplinary research, independent and innovative thinking and scientific temperament among the students. Under this facility research grants for projects are provided to the faculty members. Students who are interested in pursuing a research oriented career should attach themselves with teachers involved in research and enrol under these projects based on their interests. Under the scheme eight research projects were sanctioned for academic year 2017-18. Students enrolled in projects have presented their research work in National and International Conferences at various organizations in the Country.



### LIST OF SANCTIONED RESEARCH PROJECTS

S. No.	Project Title	Field of Work	Supervisor	Department
1.	Cataloguing ciliates from sewage treatment plants	Ciliate Biology	Komal Kamra Surinder Kaur	Zoology and Botany
2.	Proteomics and Bioinformatics characterization of human "Albuminome"	Cell and Molecular Proteomics	Gaganjot Singh	Zoology
3.	Raising Marigold through organic farming	Botany	Inderdeep Kaur Anjana Sagar	Botany
4.	To Develop a prototype android based indoor navigation system using Bluetooth markers	Electronics	Inderpreet Singh Navjot Kaur P Arun	Electronics and Computer Sciences
5.	Effect of mycorrhizal and rhizobial inoculation in growth and productivity of groundnut	Botany	Surinder Kaur Walia Priyanka Singla	Botany
6.	Diversity analysis of bacterial symbionts in different stored grain insects	Molecular Entomology	Harpreet Singh Raina	Zoology
7.	Black gold- usage and effect on plant growth	Botany	Darshan Kaur Cheema Sukbir Kaur Gujral	Botany
8.	Chaotic systems and three body dynamics	Mathematics	Sanam Suraj Dharmendra Kumar Sukanta Dutta	Mathematics and Physics

## CENTRE FOR E-LEARNING (CfeL)

Centre for e-Learning" (CfeL), SGTB Khalsa College, University of Delhi, was established in October 2013. At CfeL, presently, the prestigious e-PG Pathshala projects of UGC & MHRD, Govt. of India, for six subjects namely, Commerce, Chemistry, Forensic Science, Economics, Psychology and Business Economics are being executed. Under these projects, high quality multimedia enriched e-content for post-graduate courses is being developed. The e-content developed at the CfeL has won accolades for its quality at both national and international forums.



It has around 2000 academicians across the nation involved in these projects. It has state of the art technical infrastructure including video-audio recording and editing studios, technical expertise and staff to develop multimedia enriched e-content.

CfeL has successfully completed the prestigious e-PG Pathshala project of UGC, worth Rs. 6.72 crores, under the NMEICT mission of M.H.R.D., Govt. of India, developing high quality, multimedia enriched e-content for 89 post graduate courses in 6 subjects – Chemistry, Forensic Science, Commerce, Economics, Business Economics and Psychology.

## GURU ANGAD DEV-TEACHING LEARNING CENTRE (GAD-TLC)

Guru Angad Dev-Teaching Learning Centre (GAD-TLC) is a centre of MHRD, Govt. of India. It has been set-up under the prestigious Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) scheme. The Centre was inaugurated by the then Union HRD Minister Smt. Smriti Zubin Irani on July 1, 2016. Since then, it has been actively working to address comprehensively all issues related to teachers, teaching, teacher preparation and their professional development and thus helps in the preparation of Modern age ICT savvy teachers. This Centre empowers the teachers through various basic and advanced workshops in pedagogy (virtual & blended) and ICT skills. The Centre has trained around 3000 teachers till now.

The MHRD has chosen GAD-TLC as one of the premier Centers of the country for offering Faculty Induction Program (FIP) to the freshly inducted faculty in higher education sector so as to prepare them professionally. The Centre has also provided significant inputs to the MHRD for designing the content framework for this prestigious program, which has been acknowledged on MHRD's content framework document.

## NATIONAL RESOURCE CENTRE OF CHEMISTRY

Guru Angad Dev Teaching Learning Centre of MHRD under Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) has been awarded National Resource Centre of Chemistry.

The mandate of this National Resource Centre (NRC) is to conduct Annual Online Refresher Program for Higher Education Faculty in Chemistry. This Program will be for all the in-service Chemistry teachers of the country at both UG and PG levels every year.

# FACULTY

The college is proud of its distinguished teaching faculty. Many of them have made noteworthy contributions at National and International levels.

## DEPARTMENT OF ENGLISH

Ms. Geetinder Kaur (**Convener**)

Dr. Madhvi Zutshi

Mr. Saikat Ghosh

Dr. Akhilesh Kumar

## DEPARTMENT OF HINDI

Dr. Asha Mehta

Dr. Veena Agrawal

Dr. Charanjit Singh Sachdev (**Convener**)

Dr. Smita Mishra

Dr. Nagesh Nath Dass

Dr. Mukesh Kumar

Dr. Sumita Lohia

## DEPARTMENT OF PUNJABI

Dr. Jaswinder Kaur

Dr. Kuldeep Kaur Pahwa

Dr. Harbans Singh

Dr. Amarjit Kaur

Dr. Vanita

Dr. Gurinder Singh

Dr. Gurdip Kaur (**Convener**)

## DEPARTMENT OF ECONOMICS

Dr. Jaswinder Singh

Dr. Srividya Subramaniam

Dr. Deepali Sharma

Ms. Harpreet Kaur

Ms. Kulwinder Kaur

Dr. Jasneet Kaur Wadhwa (**Convener**)

## DEPARTMENT OF HISTORY

Dr. Sneh Lata Anand

Dr. Rajshree Dhali (**Convener**)

Dr. Asad Ahmed

Dr. Bhavna Goel

Dr. Pratibha

## DEPARTMENT OF POLITICAL SCIENCE

Dr. Nachiketa Singh

Dr. Jagir Kaur (**Convener**)

Dr. R. N. Mishra

Dr. Bipin K Thakur

Dr. Banti M. Singh

Dr. Amanpreet Singh

## DEPARTMENT OF PHYSICAL EDUCATION

Dr. Ravi S. Bhattacharjee (**Convener**)

## DEPARTMENT OF COMMERCE

S J S Arora

Dr. S K Sharma

Dr. Paramjit Kaur (**Convener**)

S. Gurkirpal Singh

Ms. Parminder Kaur

Dr. Abha Kumar

Dr. Rachan Kaur

Ms. Parveen Kaur Lamba

Ms. Satvinder Kaur

Dr. T Venugopalan

Ms. Mansi Bansal

Dr. Harshdeep Kaur

Dr. Sukhvir Singh

Ms. Gurvinder Kaur

Ms. Madhu

Dr. Bibhu Prasad Sahoo

Dr. Kamaldeep Kaur

Dr. Masha Sandeep

## DEPARTMENT OF MATHEMATICS

Ms. Daljit I P Singh

Mr. Virender Mehra (**Convener**)

Dr. Satish Verma

Ms. Sunderjit Kaur

Ms. Jaswinder Bhalla

Mr. Dharmendra Kumar

Ms. Amarpreet Kaur Sabherwal

Mrs. Charanpreet Kaur

## DEPARTMENT OF BOTANY

Dr. Darshan Kaur Cheema

Dr. Sukhbir Kaur

Dr. Inderdeep Kaur

Dr. Surinder Kaur

Dr. Anjana Sagar (**Convener**)

## DEPARTMENT OF CHEMISTRY

Dr. Gurmeet Kaur

Dr. G S Sodhi (**Convener**)

Dr. Gurvinder Kaur

Dr. P S Jassal

Dr. Satnam Kaur

Dr. Sumanjeet Kaur

Dr. Neelam Anand

Dr. Vimal Rarh

#### DEPARTMENT OF COMPUTER SCIENCE

Mr. P D Sharma (**Convener**)

Ms. Neelu Sanghi

#### DEPARTMENT OF PHYSICS

Dr. S K Soni

Dr. Anuradha Gupta

Dr. Deepak Chandra (**Convener**)

Dr. Ravi S. Bhattacharjee

Dr. Ajay Wadhwa

Dr. Mamta

Dr. Sukanta Dutta

Mr. Hiyong Ramo Chothe

Dr. Nimmi Singh Rooprai

Dr. Savinder Kaur

Dr. Kuldeep Kumar Kapil

Mr. Sushil Kumar Singh

#### DEPARTMENT OF ELECTRONICS

Ms. Poonam Bedi

Dr. Nirupama Kapoor (**Convener**)

Dr. P Arun

Dr. Nidhi Sinha (Temporary)

#### DEPARTMENT OF ZOOLOGY

Dr. Komal Kamra

Dr. Manoj Kumar Nimesh

Dr. Jeepinder Jeet Kaur (**Convener**)

Ms. Rigzin Kang

Ms. Parminder Kaur Narang

#### ADMINISTRATIVE OFFICE

**Sr. PA, AO (Offg.)**

Mr. Jarnail Singh

**Section Officer- Accounts (Offg.)**

Mr. Chiranji Lal

**Section Officer Administration**

Mr. Lakhvir Singh

**Professional Assistant- Library**

Mr. Jaspal Singh

## COLLEGE COMMITTEES 2018-19

S. No.	Committee	Name of Convener
1	Secretary Staff Council	Dr. Veena Agrawal
2	Academic Affairs	Mr. Saikat Ghosh
3	Admissions	Mr. Virender Mehra
4	Attendance	Dr. Nimmi Singh
5	Examination	Dr. Surinder Kaur
6	Time Table	Dr. P. Arun
7	Annual Function	Ms. Rigzin Kang
8	Students welfare	Dr. Anjana Sagar
9	Magazine	Dr. Inderdeep Kaur
10	Canteen	Mr. Gurkirpal Singh
11	Divinity	Dr. Harbans Singh
12	Dramatics Society	Dr. Smita Mishra
13	Purchase	Dr. Sukhvir Singh
14	Sexual Harassment Prevention	Dr. Sukhbir Kaur
15	Calendar	Dr. Jeepinder Jeet Kaur
16	Student Advisory	Ms. Parminder Kaur Narang
17	Proctorial Board	Dr. Bipin K Thakur
18	Maintenance	Dr. Bibhu Prasad Sahoo
19	Extra Curricular Activities	Ms. Poonam Bedi

**Note:** If students have any problem during their stay in college, they are advised to meet concerned Committee Convener.

## SUBJECTS AND COURSE STRUCTURE

The college offers following academic courses in Science, Humanities, Language and Commerce streams, at the undergraduate and postgraduate levels.

### UNDERGRADUATE PROGRAMME

S. No.	Course	Total Seats
<b>Arts Stream</b>		
1	BA (H) English	40
2	BA (H) Hindi	40
3	BA (H) Punjabi	40
4	BA (H) Economics	40
5	BA (H) History	40
6	BA (H) Political Science	40
7	BA (H) Business Economics	40
8	BA	60
<b>Commerce Stream</b>		
10	B Com (H)	120
11	B Com	60
<b>Science Stream</b>		
12	B Sc (H) Botany	40
13	B Sc (H) Chemistry	20
14	B Sc (H) Electronics	20
15	B Sc (H) Mathematics	40
16	B Sc (H) Physics	40
17	B Sc (H) Zoology	40
18	B Sc Physical Science	60
19	B Sc Life Science	40
20	B Sc (H) Computer Science	46

### POST-GRADUATE COURSES

1	MA Hindi	5
2	MA English	5
3	MA Punjabi	10
4	MA History	5
5	MA Political Science	5
6	MA Economics	5
7	M Com.	10
8	MSc Botany	5
9	MSc Zoology	5
10	MSc Physics	5
11	MSc Chemistry	5
12	MSc Mathematics	5

## DIPLOMA & CERTIFICATE COURSES

### POST-GRADUATE DIPLOMA IN FORENSIC SCIENCE

1. To emphasize the importance of scientific methods in crime detection.
2. To disseminate information on the advancements in the field of forensic science.
3. To generate talented human resource.
4. To provide a platform for students and forensic scientists to exchange views, chalk-out collaborative programs and work in a holistic manner for the advancement of forensic science.

*Number of Seats: Thirty (30).*

*Eligibility: Science graduates with 55% and above.*

*Fee : Rs. 33,085*

### CERTIFICATE COURSE IN WEB JOURNALISM

The Course aims to furnish the learning skills of student in using web and internet as a main medium for journalism. This will include blogging, journalistic writing for internet, online articles, packaging, designing, interactive and cross media options for websites.

A perfect blend of theory and practical training aims to equip the participants with skill to produce online articles, audio, video, pictures using various multimedia packages.

*Duration of the Program : Three months*

*Maximum intake : 40*

*Fee : Rs. 15,000*

### CERTIFICATE COURSE IN SPORTS ECONOMICS & MARKETING

This course presents the core concepts of Sports Economics and is designed to introduce business majors to the rapidly expanding sports and leisure related industry. Students will learn the managerial and economic aspects of the sports. A study and analysis of the case studies will be included. Students will learn about the designing of international sporting events, international broadcasting rights, brand endorsement, working of advertising agencies. The course is designed in such a manner that equal weightage is given to both theory and practical which makes it unique in itself.

*Duration of the Program : Three months*

*Eligibility : Pursuing graduation in any stream*

*Fee : Rs. 15,000*

## DIPLOMA & CERTIFICATE COURSES IN FOREIGN LANGUAGES

With globalization, many foreign companies are making India as their manufacturing stations as well as destinations for a variety of services particularly in finance, software, consultancy and trading, in addition to the already time-tested areas of tourism and hospitality industries. An increasing number of career-conscious students and professionals are combining their undergraduate studies or job to acquire a reasonable degree of proficiency in at least one foreign language in order to ensure a competitive edge over simple graduates in the job market.

SGTB Khalsa College, University of Delhi offers certificate courses in 7 foreign languages and Diploma in 2 languages with certification from University of Delhi. Certificate courses in German and Spanish have been running successfully since 2008 under the Germanic & Romance Studies Department, University of Delhi. Certificate courses in Chinese, Korean and Japanese are being conducted since 2012 under the guidance of Department of East Asian Studies, University of Delhi. Certificate course in Russian is conducted under the guidance of Department of Slavonic & Finno-Ugrian Studies. Certificate course in French has been introduced from the session 2013-14, along with Diploma in German and Spanish.

The duration for all the certificate courses is one year. Students are trained to effectively write, speak and express in the respective language of their choice. In addition to the prescribed text books, a lot of emphasis is given on listening and understanding nuances of the language. Our faculty adopts the modern and most updated communicative approach to teach these languages. Students are exposed to these foreign languages through music, song, dance, films so that students can enjoy while learning these languages. Through class presentations, students practice communication.

	Certificate Courses	Diploma Courses
Qualification	10+2 in any stream (50% and above). Cut offs decided as per merit list amongst applicants. Students pursuing other full-time courses are also eligible.	Certificate course in the Language
Classes	3 days in a week (Tentatively, 3:45pm to 5:45pm)	3 days in a week (Tentatively, 3:45pm to 5:45pm)
Duration of the course	One Year	One Year
Examination	Once in a year in the month of March- April, organized by University of Delhi.	Once in a year in the month of March- April, organized by University of Delhi.
Certificate by	University of Delhi	University of Delhi
Fees (Semester wise: First Semester: Second semester:)	Rs 15,000	Rs 15,000
Seats	40 each	40 each
Classes begin	First/second week of August	First/second week of August

# Structure Of Choice Based Credit System (CBCS) For Undergraduate Programmes

## Details of courses under B.A (Honors), B.Com (Honors) & B.Sc. (Honors)

Course	*Credits	
	Theory+ Practical	Theory + Tutorial
=====		
<b><u>I. Core Course</u></b>		
(14 Papers)	14X4= 56	14X5=70
Core Course Practical / Tutorial*		
(14 Papers) 1	14X2=28	14X1=14
<b><u>II. Elective Course</u></b>		
(8 Papers)		
A.1. Discipline Specific Elective	4X4=16	4X5=20
(4 Papers)		
A.2. Discipline Specific Elective		
Practical/ Tutorial*	4 X 2=8	4X1=4
(4 Papers)		
B.1. Generic Elective/		
Interdisciplinary	4X4=16	4X5=20
(4 Papers)		
B.2. Generic Elective		
Practical/ Tutorial*	4 X 2=8	4X1=4
(4 Papers)		
<b>Optional Dissertation or project work in place of one Discipline Specific Elective paper (6 credits) in 6th Semester</b>		
<b><u>III. Ability Enhancement Courses</u></b>		
1. Ability Enhancement Compulsory		
(2 Papers of 2 credit each)	2 X 4=8	2 X 4=8
Environmental Science		
English/MIL Communication		
2. Ability Enhancement Elective (Skill Based)		
(Minimum 2)	2 X 4=8	2 X 4=8
(2 Papers of 2 credit each)		
<b>Total credits</b>	<b>148</b>	<b>148</b>

\* wherever there is a practical there will be no tutorial and vice-versa

Note: B Sc. Life Science, B Sc. Physical Science, BA and B Com total numbers credits are 132.

# BA (H) English

## LIST OF PAPERS

### Core Papers

- 1 : Indian Classical Literature
- 2 : European Classical Literature
- 3 : Indian Writing in English
- 4 : British Poetry and Drama: 14th to 17th Centuries
- 5 : American Literature
- 6 : Popular Literature
- 7 : British Poetry and Drama: 17th and 18th Centuries
- 8 : British Literature: 18th Century
- 9 : British Romantic Literature
- 10: British Literature 19th Century
- 11 : Women's Writing
- 12 : British Literature: The Early 20th Century
- 13 : Modern European Drama
- 14 : Postcolonial Literatures

### Discipline Specific Elective (Any four)

- 1 : Modern Indian Writing in English Translation
- 2 : Literature of the Indian Diaspora
- 3 : British Literature: Post World War II
- 4 : Nineteenth Century European Realism
- 5 : Literary Theory
- 6 : Literary Criticism
- 7 : Science fiction and Detective Literature
- 8 : Literature and Cinema
- 9 : World Literatures

- 10 : Partition Literature
- 11 : Research Methodology
- 12 : Travel writing
- 13 : Autobiography

### Generic Elective (Any four)

- 1 : Academic Writing and Composition
- 2 : Media and Communication Skills
- 3 : Text and Performance
- 4 : Language and Linguistics
- 5 : Contemporary India: Women and Empowerment
- 6 : Gender and Human Rights\*
- 7 : Language, Literature and Culture  
\*Syllabus not received

### Ability Enhancement Course (Compulsory)

- 1 : Environmental Study\*
- 2 : English/MIL Communication  
\* Syllabi not received

### Ability Enhancement Elective Course (Any two)

- 1 : Film Studies \*
- 2 : English Language Teaching
- 3 : Soft Skills
- 4 : Translation Studies
- 5 : Creative Writing
- 6 : Business Communication
- 7 : Technical Writing  
\*Syllabus not received

# BA (H) Hindi

## प्रश्नपत्रों का क्रम :

### हिंदी कोर पाठ्यक्रम प्रश्नपत्र (HCC)

- १ : हिंदी भाषा और उसकी लिपि का इतिहास
- २ : हिंदी कविता ( आदिकाल एवं भद्रिकालीन काव्य )
- ३ : हिंदी साहित्य का इतिहास ( आदिकाल और मध्यकाल )
- ४ : हिंदी कविता ( रीतिकालीन काव्य )
- ५ : हिंदी साहित्य का इतिहास ( आधुनिक काल )
- ६ : हिंदी कविता ( आधुनिक काल छायावाद तक )
- ७ : हिंदी कहानी
- ८ : भारतीय काव्यशास्त्र
- ९ : हिंदी कविता ( छायावाद के बाद )
- १० : हिन्दी उपन्यास
- ११ : पाश्चात्य काव्यशास्त्र
- १२ : हिंदी नाटक/एकांकी
- १३ : हिन्दी आलोचना
- १४ : हिंदी निबंध और अन्य गद्य विधाएँ

### हिंदी सामान्य ( ङमदमतपव ) ऐच्छिक पाठ्यक्रम (HGEC)

- १ : लोकप्रिय साहित्य अथवा हिंदी सिनेमा और उसका अध्ययन
- २ : रचनात्मक लेखन अथवा पटकथा तथा संवाद लेखन
- ३ : हिंदी में व्यावहारिक अनुवाद अथवा भाषा और समाज
- ४ : हिन्दी का वैश्विक परिदृश्य अथवा भाषा शिक्षण

### हिंदी विषय आधारित ऐच्छिक पाठ्यक्रम (HDSEC)

- १ : हिंदी की मौखिक और लोक-साहित्य परंपरा अथवा अस्मितामूलक

विमर्श और हिंदी साहित्य अथवा भारतीय एवं पाश्चात्य रंगमंच सिद्धांत

- २ : हिंदी भाषा का व्यावहारिक व्याकरण अथवा कोश विज्ञान : शब्दकोश और विश्वकोश अथवा भारतीय साहित्य की संक्षिप्त रूपरेखा
- ३ : लोकनाट्य अथवा हिन्दी की भाषिक विविधताएँ अथवा भारतीय साहित्य पाठपरक अध्ययन
- ४ : शोध-प्रविधि अथवा अवधारणात्मक साहित्यिक पद अथवा हिंदी रंगमंच

### हिंदी कौशल-संवर्द्धक ऐच्छिक पाठ्यक्रम (HSEC)

( कोई दो : क और ख वर्ग से एक-एक का चयन )

#### ( क )

- १ : विज्ञापन और हिंदी भाषा
- २ : कम्प्यूटर और हिंदी भाषा
- ३ : सोशल मीडिया
- ४ : अनुवाद-कौशल

#### ( ख )

- १ : कार्यालयी हिंदी
  - २ : भाषायी दक्षता : समझ और संभाषण
  - ३ : भाषा और समाज
- ख एक अनिवार्य प्रश्नपत्र : आधुनिक भारतीय भाषा संप्रेषण/अंग्रेजी  
ख एक अनिवार्य प्रश्नपत्र : पर्यावरण विज्ञान

# BA (H) Punjabi

## LIST OF PAPERS

### Core Papers

- 1 : Gurmat Poetry  
ਗੁਰਮਤਿ ਕਾਵਿ (Gurmat Kāv)
- 2 : Modern Punjabi Story  
ਆਧੁਨਿਕ ਪੰਜਾਬੀ ਕਹਾਣੀ (Ādhunik Punjabi Kahānī)
- 3 : Punjabi Sufi-Poetry  
ਪੰਜਾਬੀ ਸੂਫੀ-ਕਾਵਿ (Punjābi Sufi-Kāv)
- 4 : Medieval and Modern Punjabi Prose  
ਮੱਧਕਾਲੀਨ ਅਤੇ ਨਵੀਨ ਪੰਜਾਬੀ ਵਾਰਤਕ (Madhkāleen ate Naveen Panjābi Vārtak)
- 5 : Punjabi Folklore and Culture  
ਪੰਜਾਬੀ ਲੋਕਧਾਰਾ ਅਤੇ ਸਭਿਆਚਾਰ (Punjābi Lokdhārā ate Sabhiāchār)
- 6 : Punjabi Novel  
ਪੰਜਾਬੀ ਨਾਵਲ (Punjābi Novel)
- 7 : Modern Punjabi Poetry  
ਆਧੁਨਿਕ ਪੰਜਾਬੀ ਕਵਿਤਾ (Ādhunik Punjābi Kavītā)
- 8 : Medieval Narrative Poetry : Qissa and Balladry  
ਮੱਧਕਾਲੀ ਬਿਰਤਾਂਤਕ ਕਾਵਿ : ਕਿੱਸਾ ਤੇ ਬੀਰ ਕਾਵਿ (Madhkālī Birtāntak Kāv : Qissā te Bir Kāv)
- 9 : Punjabi Language, Script and Grammar  
ਪੰਜਾਬੀ ਭਾਸ਼ਾ, ਲਿਪੀ ਅਤੇ ਵਿਆਕਰਨ (Punjābi Bhāshā, Lippi ate Viyākarn)
- 10 : Punjabi Drāmā and One-Act Play  
ਪੰਜਾਬੀ ਨਾਟਕ ਅਤੇ ਇਕਾਂਗੀ (Punjābi Nātak ate Ikāngī)
- 11 : Parvāsi Punjābi Literature  
ਪਰਵਾਸੀ ਪੰਜਾਬੀ ਸਾਹਿਤ (Parvāsi Punjābi Sāhit)
- 12 : Theory of Literature & Indian Poetics  
ਸਾਹਿਤ ਸਿਧਾਂਤ ਅਤੇ ਭਾਰਤੀ ਕਾਵਿ-ਸ਼ਾਸਤਰ (Sāhit Sidhānt ate Bhārtī Kāv-Shāstar)
- 13 : Pākistāni Punjābi Literature  
ਪਾਕਿਸਤਾਨੀ ਪੰਜਾਬੀ ਸਾਹਿਤ (Pākistāni Punjābi Sāhit)
- 14 : Punjābi Criticism and Western Literary Approaches  
ਪੰਜਾਬੀ ਆਲੋਚਨਾ ਅਤੇ ਪੱਛਮੀ ਚਿੰਤਨ-ਪ੍ਰਣਾਲੀਆਂ (Punjābi Ālochnā ate Pachhmi Chintan Prannālīān)

### Elective : Discipline Specific (DSE)

- 1 : Punjābi Travelogue Literature  
ਪੰਜਾਬੀ ਸਫ਼ਰਨਾਮਾ ਸਾਹਿਤ (Punjābi Safarnāmā Sāhit)
- 2 : Indian Literature  
ਭਾਰਤੀ ਸਾਹਿਤ (Bhārtī Sāhit)
- 3 : World Literature  
ਵਿਸ਼ਵ ਸਾਹਿਤ (Vishav Sāhit)
- 4 : Mass Movements of Punjab and Punjabi Literature  
ਪੰਜਾਬ ਦੀਆਂ ਲੋਕ-ਲਹਿਰਾਂ ਅਤੇ ਪੰਜਾਬੀ ਸਾਹਿਤ (Punjab diān Lok-Laeharān ate Punjābi Sāhit)
- 5 : Biography and Auto-Biography  
ਜੀਵਨੀ ਅਤੇ ਸਵੈ-ਜੀਵਨੀ (Jeevani ate Swai-Jeevani)
- 6 : Life Sketch  
ਰੋਖਾ ਚਿੱਤਰ (Rekhā Chittar)
- 7 : Myth Transformation and Myth Criticism  
ਮਿਥ ਰੂਪਾਂਤਰਣ ਅਤੇ ਮਿਥ ਚਿੰਤਨ (Myth Roopāntarann ate Myth Chintan)
- 8 : Punjābi Epic Poetry  
ਪੰਜਾਬੀ ਮਹਾ-ਕਾਵਿ (Punjābi Mahā-Kāv)
- 9 : Literature on Partition & Punjāb holocaust  
ਦੇਸ਼ ਵੰਡ ਅਤੇ ਪੰਜਾਬ ਸੰਤਾਪ ਬਾਰੇ ਸਾਹਿਤ (Deshvandd ate Punjāb

- Santāp bāre Sāhit)
- 10 : Punjābi Balladry  
ਪੰਜਾਬੀ ਵਾਰ ਸਾਹਿਤ (Punjābi Vār Sāhit)  
\*Optional Dissertation or Project Work in place of one Discipline Specific Elective Paper (6 Credits) in 6th Semester.

### Elective Course : Generic

- 1 : Modern Punjābi Poetry and Functional Punjābi  
ਆਧੁਨਿਕ ਪੰਜਾਬੀ ਕਵਿਤਾ ਅਤੇ ਵਿਹਾਰਕ ਪੰਜਾਬੀ (Ādhunik Punjābi Kavītā ate Vihārak Punjābi)
- 2 : Modern Punjābi Story and Functional Punjābi  
ਆਧੁਨਿਕ ਪੰਜਾਬੀ ਕਹਾਣੀ ਅਤੇ ਵਿਹਾਰਕ ਪੰਜਾਬੀ (Ādhunik Punjābi Kahānī ate Vihārak Punjābi)
- 3 : Punjābi Travologue and Functional Punjābi  
ਪੰਜਾਬੀ ਸਫ਼ਰਨਾਮਾ ਅਤੇ ਵਿਹਾਰਕ ਪੰਜਾਬੀ (Punjābi Safarnāmā ate Vihārak Punjābi)
- 4 : Punjābi One-Act Play and Functional Punjābi  
ਪੰਜਾਬੀ ਇਕਾਂਗੀ ਅਤੇ ਵਿਹਾਰਕ ਪੰਜਾਬੀ (Punjābi Ikāngī ate Vihārak Punjābi)
- 5 : Punjābi Novel and Functional Punjābi  
ਪੰਜਾਬੀ ਨਾਵਲ ਅਤੇ ਵਿਹਾਰਕ ਪੰਜਾਬੀ (Punjābi Novel ate Vihārak Punjābi)
- 6 : Punjābi Drāmā and Functional Punjābi  
ਪੰਜਾਬੀ ਨਾਟਕ ਅਤੇ ਵਿਹਾਰਕ ਪੰਜਾਬੀ (Punjābi Nātak ate Vihārak Punjābi)
- 7 : Punjābi Qissā and Functional Punjābi  
ਪੰਜਾਬੀ ਕਿੱਸਾ ਅਤੇ ਵਿਹਾਰਕ ਪੰਜਾਬੀ (Punjābi Qissā ate Vihārak Punjābi)
- 8 : Punjābi Folklore and Functional Punjābi  
ਪੰਜਾਬੀ ਲੋਕਧਾਰਾ ਅਤੇ ਵਿਹਾਰਕ ਪੰਜਾਬੀ (Punjābi Lokdhārā ate Vihārak Punjābi)
- 9 : Parvāsi Punjābi Prose and Functional Punjābi  
ਪਰਵਾਸੀ ਪੰਜਾਬੀ ਵਾਰਤਕ ਅਤੇ ਵਿਹਾਰਕ ਪੰਜਾਬੀ (Parvāsi Punjābi Vārtak ate Vihārak Punjābi)
- 10 : Media and Functional Punjābi  
ਮੀਡੀਆ ਅਤੇ ਵਿਹਾਰਕ ਪੰਜਾਬੀ (Mediā ate Vihārak Punjābi)

### Ability Enhancement Compulsory Course (AECC)

- 1 : Punjābi A  
(Advance Level)
- 2 : Punjābi - B  
(Intermediate Level)
- 3 : Punjābi - C  
(Basic Level)  
\* Student can opt any one out of these three Levels of Punjabi papers as per the criteria.

### Ability Enhancement Elective Course (AEEC)

#### Skill Based Papers

- 1 : Learning Skill of Mediā and Māss Communication  
ਮੀਡੀਆ ਅਤੇ ਜਨ-ਸੰਚਾਰ ਦਾ ਹੁਨਰ ਸਿਖਣਾ (Mediā ate Jan-Sanchār dā Hunar Sikhannā)
- 2 : Learning Skill of Trānslation  
ਅਨੁਵਾਦ ਕਰਨ ਦਾ ਹੁਨਰ ਸਿਖਣਾ (Anuvād Karan dā Hunar Sikhannā)
- 3 : Learning Skill of Ārt of Theatre  
ਰੰਗਮੰਚ ਕਲਾ ਦਾ ਹੁਨਰ ਸਿਖਣਾ (Rangmanch Kalā dā Hunar Sikhannā)
- 4 : Learning Skill of Computerization of Punjābi Language  
ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦੇ ਕੰਪਿਊਟਰੀਕਰਨ ਦਾ ਹੁਨਰ ਸਿਖਣਾ (Punjābi Bhāshā de Computrikaran dā Hunar)

# BA (H) Economics

## LIST OF PAPERS

### Core Papers

- 1 : Introductory Microeconomics
- 2 : Mathematical Methods for

### Economics-I

- 3 : Introductory Macroeconomics
- 4 : Mathematical Methods for

### Economics-II

- Ability Enhancement Compulsory Course (AECC)-I
- Ability Enhancement Compulsory Course (AECC)-II
- Generic Elective (GE) Course-I
- Generic Elective (GE) Course-II
- 5 : Intermediate Microeconomics-I
- 6 : Intermediate Macroeconomics-I
- 7 : Statistical Methods for Economics
- 8 : Intermediate Microeconomics-II
- 9 : Intermediate Macroeconomics-II
- 10 : Introductory Econometrics
  - Skill Enhancement Course (SEC)-I
  - Skill Enhancement Course (SEC)-II
  - Generic Elective (GE) Course-III
  - Generic Elective (GE) Course-IV
- 11 : Indian Economy-I
- 12 : Development Economics-I
- 13 : Indian Economy-II
- 14 : Development Economics-II

### Discipline Specific Elective (DSE) Courses

- 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 : Money and Financial Markets
- xii : Environmental Economics
- viii : Political Economy-II
- ix : Comparative Economic Development (1850-1950)
- x : Financial Economics
- xi : Topics in Microeconomics-II
- vii : Public Economics
- xiii : International Economics
- xiv : Dissertation/Project

### Generic Elective Courses in Economics

- Generic Elective in Economics I : Introductory Microeconomics
- Generic Elective in Economics II : Introductory Macroeconomics
- Generic Elective in Economics III :
  - (a) Indian Economy-I OR (b) Money and Banking OR
  - (c) Environmental Economics
- Generic Elective in Economics IV:
  - (a) Indian Economy-II OR (b) Economic History of India 1857-1947 OR
  - (c) Public Finance

# BA (H) History<sup>#</sup>

## LIST OF PAPERS

### Core Papers

- I : History of India-I
- II : Social Formations and Cultural Patterns of the Ancient World
- III : History of India-II
- IV : Social Formations and Cultural Patterns of the Medieval World
- V : History of India-III ©. 750-1206
- VI : Rise of Modern West-I
- VII : History of India IV (c.1206-1550)
- VIII: Rise of Modern West -11
- IX : History of India-V ©. 1550-1605
- X : History of India-VI ©. 1750-1857
- XI : History of Modern Europe- I ©. 1780-1939)
- XII : History of India-VII ©. 1605-1750)
- XIII: History of India-VIII ©. 1857-1950)
- XIV: History of Modern Europe- II (1780-1939)

### Discipline Specific Elective (Any Four)

- I : History Of United States Of America -I (C. 1776 - 1945)
- II : History Of United States Of America -II (C. 1776 - 1945)

- III : History Of The USSR-I (c. 1917- 1964)
- IV : History Of The USSR-II (c. 1917- 1964)
- V : History Of Africa (c. 1500 - 1960s)
- VI : History Of Latin America (c. 1500 - 1960s)
- VII : History Of Southeast Asia-The 19TH Century
- VIII: History Of Southeast Asia-The 20TH Century
- IX : History of Modern East Asia-I (c.1840-1919)
- X : History of Modern East Asia-II ©. 1868-1945)

### Generic Elective (Interdisciplinary Any Four)

- I : nvironmental Issues In India
- II : Research Methodology in History
- III : Making of Contemporary India
- IV : Delhi: Ancient
- V : Delhi: Medieval
- VI : Delhi: Modern
- VII : Issues in Contemporary World
  - Ability Enhancement Course (AEC)
  - Compulsory-II Papers
  - Environmental Science
  - English/ MIL
  - Skill Enhancement Courses (SEC)

### Any Two

- I : Understanding Heritage
- II : Art Appreciation: An Introduction to Indian Art
- III : Archives and museums
- IV : Understanding Popular Culture

### B.A (Hons) History

Core Papers©: 14,Credits: 6 each, 5classes,1 tutorial

- I : History of India-I
- II : Social Formations and Cultural Patterns of the Ancient World
- III : History of India-II
- IV : Social Formations and Cultural Patterns of the Medieval World
- V : History of India-III ©. 750-1206)
- VI : Rise of Modern West-I
- VII : History of India IV (c.1206-1550)
- VIII: Rise of Modern West -11
- IX : History of India-V ©. 1550-1605)
- X : History of India-VI ©. 1750-1857
- XI : History of Modern Europe I ©. 1780-1939)
- X : History of India-VI ©. 1750-1857
- XI : History of Modern Europe I ©. 1780-1939)
- XII : History of India-VII ©. 1605-1750)
- XIII: History of India-VIII ©. 1857-1950)
- XIV : History of Modern Europe II (1780-1939)

### Discipline Specific Elective (Any Four) Credits- 6 Each, 5

- 1-I : History Of United States Of America -1©. 1776 ñ 1945)
- 2-II : History Of United States Of America -II©. 1776 ñ 1945)
- 3-III : History Of The USSR-I (c. 1917- 1964)

- 4-II : History Of The USSR-II (c. 1917- 1964)
- 5-I : History Of Africa (c. 1500 - 1960s)
- 6 : History Of Latin America (c. 1500 - 1960s)
- 7 : History Of Southeast Asia - The 19TH Century
- 8 : History Of Southeast Asia - The 20TH Century
- 9 : History of Modern East Asia-1 ©. 1840-1919)
- 10 : History of China & Japan-II ©. 1868-1939)

### Generic Elective (Interdisciplinary Any Four) CREDITS- 6

- I : Environmental Issues In India
- II : Research Methodology in History
- III : Making of Contemporary India
- IV : Delhi: Ancient
- V : Delhi: Medieval
- VI : Delhi: Modern
- VII : Issues in Contemporary World

### Ability Enhancement Course (AEC)

#### Compulsary-2 Papers, Credits-2 Each,2 Classes

- Environmental Science
- English/ MIL

### Skill Enhancement Courses (SEC)

#### Any Two Papers, Credits-2 Each, 2 Classes

- I : Understanding Heritage
- II : Art Appreciation: An Introduction to Indian Art
- III : Archives and museums
- IV : Understanding Popular Culture

## BA (H) Political Science

### LIST OF PAPERS

#### Core Papers

- I : Understanding Political Theory
- II : Constitutional Government and Democracy in India
- III : Political Theory-Concepts and Debates
- IV : Political Process in India
- V : Introduction to Comparative Government and Politics
- VI : Perspectives on Public Administration
- VII : Perspectives on International Relations and World History
- VIII : Political Processes and Institutions in Comparative Perspective
- IX : Public Policy and Administration in India
- X : Global Politics
- XI : Classical Political Philosophy
- XII : ZIndian Political Thought-I
- XIII : Modern Political Philosophy
- XIV : Indian Political Thought-II

#### (B) Generic Elective -4 (Interdisciplinary): Any Four

- 1 : Nationalism in India
- 2 : Contemporary Political Economy
- 3 : Feminism: Theory and Practice (This paper has been swapped by the paper titled 'Women, Power and Politics')
- 4 : Gandhi and the Contemporary World
- 5 : Understanding Ambedkar
- 6 : Governance: Issues and Challenges
- 7 : Politics of Globalization
- 8 : United Nations and Global Conflicts

#### (C) Discipline Specific Elective-4 (DSE): Any Four

- 1 : Citizenship in a Globalizing World
- 2 : Human Rights in a Comparative Perspective
- 3 : Development Process and Social Movements in Contemporary India
- 4 : Public Policy in India
- 5 : Understanding Global Politics (This paper has been replaced by the paper titled 'Colonialism and

- Nationalism in India')  
 6 : India's Foreign Policy in a Globalizing world  
 7 : Women, Power and Politics (This paper has been swapped by the paper titled 'Feminism: Theory and Practice')  
 8 : Dilemmas in Politics

**(D) Ability Enhancement-2 (AE Skill Based): Any**

**Two**

- 1 : Your Laws, Your Rights  
 2 : Public Opinion and Survey Research  
 3 : Legislative Practices and Procedures  
 4 : Peace and Conflict Resolution

**(E) Ability Enhancement (Compulsory) Fondation:**

**Two**

- 1 : Language-MIL/ENGLISH  
 2 : Environmental Science  
 1.1 : Language-MIL/ENGLISH Environmental Science Ability Enhancement (AE) Compulsory  
 1.2 : Understanding Political Theory Core Discipline - 1  
 1.3 : Constitutional Government and Democracy in India Core Discipline -2  
 1.4 : Any One of the Following Generic Elective –I (Interdisciplinary)  
 A-Nationalism in India  
 B- Contemporary Political Economy  
 C- Feminism: Theory and Practice (swapped by 'Women, Power and Politics')  
 D-Gandhi and the Contemporary World  
 E-Understanding Ambedkar  
 F-Governance: Issues and Challenges  
 G-Politics of Globalization  
 H-United Nations and Global Conflicts  
 2.1 : Environmental Science Language-MIL/ENGLISH Ability Enhancement Compulsory (AE)  
 2.2 : Political Theory-Concepts and Debates Core Discipline -3  
 2.3 : Political Process in India Core Discipline -4  
 2.4 : Any One of the Following Generic Elective –II (Interdisciplinary)  
 A-Nationalism in India  
 B-Contemporary Political Economy  
 C-Feminism: Theory and Practice (swapped by 'Women, Power and Politics')  
 D-Gandhi and the Contemporary World  
 E- Understanding Ambedkar  
 F- Governance: Issues and Challenges  
 G- Politics of Globalization  
 H- United Nations and Global Conflicts  
 3.1 : Introduction to Comparative Government and Politics Core Discipline -5  
 3.2 : Perspectives on Public Administration Core Discipline -6  
 3.3 : Perspectives on International Relations and World History

Core Discipline -7

- 3.4 : Any One of the Following Generic Elective-III

(Interdisciplinary)

- A- Nationalism in India  
 B- Contemporary Political Economy  
 C- Feminism: Theory and Practice (swapped by 'Women,

Power and Politics')

- D- Gandhi and the Contemporary World  
 E- Understanding Ambedkar  
 F- Governance: Issues and Challenges  
 G- Politics of Globalization  
 H- United Nations and Global Conflicts

- 3.5 : Any one of the following Ability Enhancement-I (Skill -Based)

- A-Your Laws, Your Rights  
 B-Public Opinion and Survey Research  
 C-Legislative Practices and Procedures  
 D-Peace and Conflict Resolution

- 4.1 : Political Processes and Institutions in Comparative Perspective Core Discipline -8

- 4.2 : Public Policy and Administration in India Core Discipline -9

- 4.3 : Global Politics Core Discipline -10

- 4.4 : Any One of the Following Generic Elective –IV

(Interdisciplinary)

- A- Nationalism in India  
 B- Contemporary Political Economy  
 C- Feminism: Theory and Practice (swapped by 'Women,

- Power and Politics')  
 D- Gandhi and the Contemporary World  
 E- Understanding Ambedkar  
 F- Governance: Issues and Challenges  
 G- Politics of Globalization  
 H- United Nations and Global Conflicts

- 4.5 : Any One of the following Ability Enhancement-II (Skill Based)

- A-Your Laws, Your Rights  
 B-Public Opinion and Survey Research  
 C- Legislative Practices and Procedures  
 D- Peace and Conflict Resolution

- 5.1 : Classical Political Philosophy Core Discipline -11

- 5.2 : Modern Indian Political Thought-I Core Discipline -12

- 5.3 : & 5.4 Any two of the Following Discipline Specific Elective (DSE)-1&2

- A- Citizenship in a Globalizing World  
 B- Human Rights in a Comparative Perspective  
 C- Development Process and Social Movements in

- Contemporary India
- D- Public Policy in India
- E- Colonialism and Nationalism in India
- F- India's Foreign Policy in a globalizing world
- G- Women, Power and Politics (swapped by 'Feminism: Theory and Practice')
- H- Dilemmas in Politics
- 6.1 : Modern Political Philosophy Core Discipline -13
- 6.2 : Indian Political Thought-II Core Discipline -14
- 6.3 : & 6.4 Any two of the Following Discipline Specific Elective (DSE) 3 &4

- A- Citizenship in a Globalizing World
- B- Human Rights in a Comparative Perspective
- C- Development Process and Social Movements in

- Contemporary India
- D- Public Policy in India
- E- Understanding Global Politics (Replaced by 'Colonialism and Nationalism in India')
- F- India's Foreign Policy in a globalizing world
- G- Feminism: Theory and Practice
- H- Dilemmas in Politics

## B Com (H)

### LIST OF PAPERS

- 1.1 : Environmental Studies Ability Enhancement : Compulsory Course (AECC-1)
- 1.2 : Financial Studies Core Course (C-1)
- 1.3 : Business Law Core Course (C-2)
- 1.4 : General Elective (GE-1) *(Any one of the following)*
  - a. Micro Environment
  - b. Insurance and Risk Management
- 2.1 : Business communication (Language-English/Hindi/MIL) Ability Enhancement Compulsory Course (AECC -2)
- 2.2 : Corporate Accounting Core Course (C-3)
- 2.3 : Corporate Laws Core Course (C-4)
- 2.4 : Generic Elective (GE-2) Generic Elective (GE-2) *(Any one of the following)*
  - a. Micro Environment
  - b. Investing in Markets
- 3.1 : Human Resource Management Core Course (C-5)
- 3.2 : Income-tax Law and Practice Core Course (C-6)
- 3.3 : Management Principles and Application Core Course (C-7)
- 3.4 : Generic Elective (GE-3) Generic Elective (GE-3) *(Any one of the following)*
  - a. Business Statistics
  - b. Project Management
- 3.5 : Skill Enhancement Course (Sec-1) Skill Enhancement Course *(Any of the following)*
  - a. E-Commerce
  - b. Training and Development
  - c. E-Marketing
  - d. Personal Tax Planning
- 4.1 : Cost Accounting Core Course (C-8)
- 4.2 : Business Mathematics Core Course (C-9)
- 4.3 : Computer Applications in Business Core Course (C-10)
- 4.4 : Generic Elective (GE-4) Generic Elective (GE-4) *(Any one of the following)*
  - a. Indian Economy
  - b. Economic of Regulation of Domestic and Foreign Exchange Markets
- 4.5 : Skill-Enhancement Course (SEC-2) Skill- Enhancement Course (SEC-2) *(Any one of the following)*
  - a. Entrepreneurship
  - b. Collective Bargaining and Negotiation Skills
  - c. E-Filing of Returns
  - d. Cyber Crimes and Laws
- 5.1 : Principles of Marketing Core Course (C-11)
- 5.2 : Fundamental of Financial Management Core Course (C-12)
- 5.3 : Discipline Specific Elective (DSE-1) Discipline Specific Elective (DSE-1) *(Any one of group A)*
- 5.4 : Discipline Specific Elective (DSE-2) Discipline Specific Elective (DSE-2) *(Any one of group A)*
  - a. Management Accounting
  - b. Corporate Tax Planning
  - c. Advertising
  - d. Banking and Insurance
  - e. Computerised Accounting System
  - f. Financial Markets , Institutions and Financial Services
  - g. Industrial Laws
  - h. Organisational Behaviour
- 6.1 : Auditing and Corporate Governance
- 6.2 : Indirect Tax Laws Core Course (C-14)
- 6.3 : Discipline Specific Elective (DSE-3) Discipline Specific Elective (DSE-3) *(Any one of group B)*
- 6.4 : Discipline Specific Elective (DSE-4) Discipline Specific Elective (DCE-4) *(Any one of group B)*
  - a. Fundamental of Investment
  - b. Consumer Affairs and Consumer Care
  - c. Business Tax Procedures and Management
  - d. International Business
  - e. Industrial Relations and Labour Laws
  - f. Business Research Methods and Project Work
  - g. New Venture Planning
  - h. Financial Reporting & Analysis
  - I. Compensation Management

## B Com

### LIST OF PAPERS

- 1.1 : Environmental Studies Ability Enhancement Compulsory Course (AECC-1)
- 1.2 : Financial Accounting Core Course (DCS-1)
- 1.3 : Business Organisation and Management Core Course (DCS-2)
- 1.4 : English Language Language-1
- 2.1 : Language: English /Hindi/Modern Indian Language Ability Enhancement Compulsory Course (ACEE -2)
- 2.2 : Business Laws Core Course (DSC-3)
- 2.3 : Business Mathematics and Statistics Core Course (DSC-4)
- 2.4 : Hindi/Modern Indian Language Language-2
- 3.1 : Company Law Core Course (DSC-5)
- 3.2 : Indian Tax Law and Practice Core Course (DSC-6)
- 3.3 : Hindi/Modern Indian Language Language-3
- 3.4 : Skills Based (Any one of the following) Ability Enhancement Elective (Skill Based-AEEC-1)
  - (a) Computer Application in Business
  - (b) Cyber Crimes and Laws
- 4.1 : Business Communication (English/Hindi) Language-4
- 4.2 : Corporate Accounting Core Course (DSC-7)
- 4.3 : Cost Accounting Core Course (DCS-8)
- 4.4 : Skill Based (Any one of the following) Ability Enhancement Elective Course (Skill Based-AEEC-2)
  - (a) E-Commerce
  - (b) Investing in Stock Markets
- 5.1 : Discipline Specific Elective Discipline Selective Elective (DSE-1) (Any one of the following)
  - (a) Human Resource Management
  - (b) Principles of Marketing
  - (c) Auditing and Corporate Governance
  - (d) Financial Reporting and Analysis
- 5.2 : Discipline Specific Elective Discipline Specific Elective (Dse-2) (Any one of the following)
  - (a) Fundamental of Financial Management
  - (b) Indirect Tax Laws Training and Development
  - (d) Industrial Laws
- 5.3 : Skills Based Ability Enhancement Elective Course (Skill Based- AEEC-3) (Any one of the following)
  - (a) Entrepreneurship
  - (b) Advertising
- 5.4 : Discipline Specific Elective Generic Elective (GE-1) (Any one of the following)
  - (a) Principle of Micro Economics
  - (b) Economics of Regulation of Domestic an Foreign Exchange Markets
- 6.1 : Discipline Specific Elective Discipline Specific Elective (DSE-3) (Any one of the following)
  - (a) Corporate Tax Planning
  - (b) Banking and Insurance Management Accounting
  - (d) Computerised Accounting System
  - (e) Financial Markets and Institution
- 6.2 : Discipline Specific Elective Discipline Specific Elective (DSE-4) (Any one of the following)
  - (a) International Business
  - (b) Office Management and Secretarial Practice
  - (c) Fundamental of Investment
  - (d) Consumer Protection
  - (e) Organisational Behaviour
- BC 6.3 : Skill Based Ability Enhancement Elective Course (Skill Based- AEEC-4) (Any one of the following)
  - (a) Personal Selling and Salesmanship
  - (b) Collective Bargaining and Negotiation Skills
- 6.4 : Generic Elective Generic Elective (GE-2) (Any one of the following)
  - (a) Indian Economy
  - (b) Project Management

## B Sc (H) Botany

### LIST OF PAPERS

#### Core Papers

- 1 : Microbiology and Phycology
- 2 : Biomolecules and Cell Biology
- 3 : Mycology and Phytopathology
- 4 : Archegoniate
- 5 : Anatomy of Angiosperms
- 6 : Economic Botany
- 7 : Genetics
- 8 : Molecular Biology
- 9 : Ecology
- 10 : Plant Systematics
- 11 : Reproductive Biology of Angiosperms
- 12 : Plant Physiology
- 13 : Plant Metabolism
- 14 : Plant Biotechnology

#### Discipline Specific Electives (Four)

- 1 : Analytical Techniques in Plant Sciences
- 2 : Biostatistics
- 3 : Industrial and Environmental Microbiology
- 4 : Bioinformatics

#### Generic Electives

- 1 : Biodiversity (Microbes, Algae, Fungi and Archegoniate)
- 2 : Plant Diversity and Human Welfare
- 3 : Plant Anatomy and Embryology
- 4 : Plant Ecology and Taxonomy
- 5 : Environmental Biotechnology
- 6 : Economic Botany and Biotechnology

#### Ability Enhancement Course: Compulsory

- 1 : Environmental Science
- 2 : English/MIL Communication

#### Skill Enhancement Courses: Elective

- 1 : Ethnobotany
- 2 : Intellectual Property Rights
- 3 : Biofertilizers
- 4 : Medicinal Botany

#### Skill Enhancement Courses: Elective (Two)

- 1 : Ethnobotany
- 2 : Intellectual Property Rights Semester
- 3 : Biofertilizers
- 4 : Medicinal Botany

## B Sc (H) Electronics

### LIST OF PAPERS

#### Core Papers

(1 period/week for tutorials or 4 periods/week for practical)

- I : Basic Circuit Theory and Network Analysis (4+4)
- II : Mathematics Foundation for Electronics (4+4)
- III : Semiconductor Devices (4+4)
- IV : Applied Physics (4+4)
- V : Electronic Circuits (4+4)
- VI : Digital Electronics and VHDL (4+4)
- VII : 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)

#### Discipline Specific Electives (DSE): (Credit: 06 each) (4 papers to be selected) - DSE 1-4

- 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)

#### Skill Enhancement Course (SEC) (02 papers) (Credit: 02 each) - EC1 to SEC2

- 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)

#### Other Discipline - GE 1 to GE 4

- 1 : Mathematics
  - 2 : Computer Science
  - 3 : Physics
  - 4 : Biomedical Science
  - 5 : Chemistry
  - 6 : Commerce
- Any other discipline of Choice

#### Generic Elective Papers (GE) for other Departments/Disciplines: (Credit: 06 each)

- 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)

## B Sc (H) Chemistry

### LIST OF PAPERS

AEC-I Compulsory English Communications/Environmental Science 2

- I : Inorganic Chemistry-I 4
- I : Practical Inorganic Chemistry-I Lab 2
- II : Physical Chemistry-I 4
- II : Practical Physical Chemistry-I Lab 2
- Generic Elective -1 GE-1 4/5 Generic Elective -1
- Practical/Tutorial 2/1 II Compulsory Environmental Science English Communications 2
- III : Organic Chemistry-I 4
- III : Practical Organic Chemistry-I Lab 2
- IV : Physical Chemistry-II 4
- IV : Practical Physical Chemistry-II Lab 2
- Generic Elective -2 GE-2 4/5 Generic Elective -2
- Practical/Tutorial 2/1
- V : Inorganic Chemistry-II 4
- V : Practical Inorganic Chemistry-II Lab 2
- VI : Organic Chemistry-II 4
- VI : Practical Organic Chemistry-II Lab 2
- VII : Physical Chemistry-III 4
- VII : Practical Physical Chemistry-III Lab 2
- Skill Enhancement Course -1 SEC-1 2 Generic Elective -3
- GE-3 4/5 Generic Elective -3 Practical/Tutorial 2/1
- VIII : Inorganic Chemistry-III 4
- VIII : Practical Inorganic Chemistry-III Lab 2
- IX : Organic Chemistry-III 4

- IX : Practical Organic Chemistry-III Lab 2
- X : Physical Chemistry-IV 4
- X : Practical Physical Chemistry-IV Lab 2
- Skill Enhancement Course -2 SEC -2 2
- Generic Elective -4 GE-4 4/5 Generic Elective -4 Practical 2/1
- XI : Organic Chemistry-IV 4
- XI : Practical Organic Chemistry-IV Lab 2
- XII : Physical Chemistry-V 4
- XII : Practical Physical Chemistry-V Lab 2
- Discipline Specific Elective -1 DSE-1 4
- Discipline Specific Elective -1
- Practical/Tutorial DSE-1 Lab 2
- Discipline Specific Elective -2 DSE-2 4
- Discipline Specific Elective- 2
- Practical/Tutorial DSE-2 Lab 2
- XIII : Inorganic Chemistry-IV 4
- XIII : Practical Inorganic Chemistry-IV Lab 2
- XIV : Organic Chemistry-V 4
- XIV : Practical Organic Chemistry-V Lab 2
- Discipline Specific Elective -3 DSE-3 4
- Discipline Specific Elective -3
- Practical/Tutorial DSE-3 Lab 2
- Discipline Specific Elective-4 DSE-4 4
- Discipline Specific Elective -4
- Practical/Tutorial DSE-4 Lab 2

## B Sc (H) Mathematics

### LIST OF PAPERS

#### Core Papers

- I : C 1 Calculus (including practicals)  
(English communication /MIL)/ Environmental Science  
GE-1 :  
C 2 Algebra
- II : C 3 Real Analysis (English communication /MIL)/  
Environmental Science  
GE-2 :  
C 2 Algebra II  
C 3 Real Analysis  
(English communication/MIL)/Environmental Science  
GE-2  
C 4 Differential Equations (including practicals)
- III : C 5 Theory of Real functions  
SEC-1 LaTeX and  
GE-3 HTML  
C 6 Group Theory-I  
: C 7 Multivariate Calculus (including practicals)

- IV : C 8 Partial Differential Equations (including practicals)  
SEC-2 Computer Algebra Systems and Related Softwares  
GE-4  
: C 9 Riemann Integration & Series of functions  
: C 10 Ring Theory & Linear Algebra-I
- V : C 11 Metric Spaces  
: **DSE-1 (including practicals) (I)**  
Numerical Methods or (ii) Mathematical Modeling and Graph  
Theory or (iii) ++ Programming  
**DSE-2 (I) Mathematical**  
Finance or (ii) Discrete Mathematics or (iii) Cryptography and  
Network Security  
: C 12 Group Theory-II
- VI : C 13 Complex Analysis (including practicals)  
**DSE-3 (I) Probability theory & Statistics or**  
(ii) Mechanics or (iii) Bio-Mathematics  
**DSE-4 (i) Number Theory or (ii) Linear Programming and**  
Theory of Games or (iii) Applications of Algebra  
: C 14 Ring Theory and Linear Algebra-II

## B Sc (H) Physics

### LIST OF PAPERS

#### Core Papers

- 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

#### Discipline Specific Elective Papers:

- 1 : Experimental Techniques  
2 : Advanced Mathematical Physics  
3 : Embedded systems-Introduction to Microcontroller  
4 : Nuclear and Particle Physics  
5 : Physics of Devices and Communication  
6 : Astronomy and Astrophysics  
7 : Atmospheric Physics  
8 : Biological physics  
9 : Advanced Mathematical Physics-II  
10 : Communication System  
11 : Applied Dynamics  
12 : Verilog and FPGA based system design  
13 : Classical Dynamics  
14 : Digital Signal processing  
15 : Nano Materials and Applications  
16 : Physics of the Earth  
17 : Medical Physics  
18 : Dissertation

#### Skill Enhancement Courses (02 to 04 papers) - SEC1 to SEC4

- 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

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#### Generic Elective Papers (GE) (Minor-Physics) for other

##### Departments/Disciplines:

- 1 : Electricity and Magnetism  
2 : Mathematical Physics  
3 : Digital, Analog and Instrumentation  
4 : Applied Dynamics  
5 : Medical Physics  
6 : Waves and Optics  
7 : Quantum Mechanics  
8 : Communication System  
9 : Verilog and FPGA based system design  
10 : Nano Materials and Applications  
11 : Mechanics  
12 : Elements of Modern Physics  
13 : Solid State Physics  
14 : Embedded System: Introduction to microcontroller  
15 : Biological physics  
16 : Thermal Physics  
17 : Digital Signal processing  
18 : Nuclear and Particle Physics  
19 : Astronomy and Astrophysics  
20 : Atmospheric Physics  
21 : Physics of the Earth

## B Sc (H) Zoology

### LIST OF PAPERS

- I** : Ability Enhancement Compulsory Course-I English communications/ Environmental Science 2  
: Core course-I Non-chordates I: Protista to Pseudocoelomates 4  
: Core Course-I Practical 2  
: Core course-II Principles of Ecology 4  
: Core Course-II Practical 2  
: Generic Elective -1 GE-1 4 Generic Elective -1 Practical/Tutorial 2
- II** : Ability Enhancement Compulsory Course-II English Communications/ Environmental Science 2  
: Core course-III Non-chordates II: Coelomates 4  
: Core Course-III Practical 2  
: Core course-IV Cell Biology 4  
: Core Course-IV Practical 2  
: Generic Elective -2 GE-2 4  
: Generic Elective -2 Practical 2
- III** : Core course-V Diversity of Chordata 4  
: Core Course-V Practical 2  
: Core course-VI Physiology: Controlling and Coordinating systems 4  
: Core Course-VI Practical 2  
: Core course-VII Fundamentals of Biochemistry 4  
: Core Course-VII Practical 2  
Skill Enhancement Course-1 SEC-1 4  
: Generic Elective -3 GE-3 4  
: Generic Elective -3 Practical 2

- IV** : Core course-VIII Comparative anatomy of vertebrates 4  
: Course-VIII Practical 2  
: Core course-IX Physiology: Life Sustaining Systems 4  
: Course-IX Practical 2  
: Core course-X Biochemistry of Metabolic Processes 4  
: Core Course- X Practical 2  
: Skill Enhancement Course-2 SEC-2 4  
: Generic Elective -4 GE-4 4  
: Generic Elective - 2  
: 4Practical
- V** : Core course-XI Molecular Biology 4  
: Core Course-XI Practical 2  
: Core course-XII Principles of Genetics 4 Core Course-XII Practical 2  
: Discipline Specific Elective -1 DSE-1 4  
: Discipline Specific Elective -1 Practical 2  
: Discipline Specific Elective -2 DSE-2 4  
: Discipline Specific Elective-2 Practical/Tutorial 2
- VI** : Core course-XIII Developmental Biology 4  
: Core Course-XIII Practical/Tutorial 2  
: Core course-XIV Evolutionary Biology 4  
: Core Course-XIV Practical/Tutorial 2  
: Discipline Centric Elective -3 DSE-3 4  
: Discipline Centric Elective -3 Practical/Tutorial 2  
: Discipline Centric Elective-4 DSE-4 4  
: Discipline Centric Elective -1 Practical/Tutorial 2

## B Sc Life Science

### LIST OF PAPERS

#### Core Course -Botany

- 1 : Biodiversity (Microbes,Algae,Fungi and Archegoniatea)  
2 : Plant Ecology and Taxonomy  
3 : Plant Anatomy and Embryology  
4 : Plant Physiology and Metabolism

#### Discipline Specific Elective -Botany(Any two) DSE-I (Any one)

- 1 : Cell and Molecular Biology  
2 : Bioinformatics

#### DSE-II (Any one)

- 3 : Economic Botany and Biotechnology  
4 : Analytical Techniques in Plant Sciences

#### Ability Enhancement Compulsory Courses

- 1 : Environmental Science  
2 : English/Mil Communication

#### Skill Enhancement Courses (four)

- I-1 : Biofertilizers  
II -2: Medicinal Botany  
III-3: Ethnobotany  
IV-4: Intellectual Property Rights

#### Core Courses -Botany

- 1 : Biodiversity (Microbes, Algae, Fungi and Archegoniate)  
2 : Plant Ecology and Taxonomy  
3 : Plant Anatomy and Embryology  
4 : Plant Physiology and Metabolism

#### Discipline Specific Elective-Botany(Any two)

- 1 : Economic Botany and Biotechnology

- 2 : Cell and Molecular Biology  
3 : Analytical Techniques in Plant Science  
4 : Bioinformatics

#### Ability Enhancement Compulsory Courses

- 1 : Environmental Science  
2 : English/MIL Communication

#### Skill Enhancement Courses (four)

##### Botany

- 1 : Biofertilizers  
2 : Medicinal Botany  
3 : Ethnobotany  
4 : Intellectual Property Right

##### Core Course -Botany

- 1 : Biodiversity (Microbes, Algae, Fungi and Archegoniate)  
2 : Plant Ecology and Taxonomy  
3 : Plant Anatomy and Embryology  
4 : Plant Physiology and Metabolism

##### Core Course: Zoology

- 1 : Animal Diversity  
2 : Comparative Anatomy and Development  
3 : Physiology and Metabolism  
4 : Genetics and Evolutionary Biology

##### Core Course -Chemistry

- 1 : Atomic Structure, Bonding, General Organic Chemistry & Aliphatic Hydrocarbons  
2 : Chemical Energetics, Equilibria & Functional Group Organic Chemistry-I

- 3 : Conduetance, Electrochemistry & Functional Group Organic Chemistry-II
- 4 : Chemistry of s- and p-block elements, States of matter and Chemical Kinetics

**Discipline Specific Electives-Botony (Any two)**

- 1 : Economic Biology
- 2 : Cell and Molecular Biology
- 3 : Analytical Techniques in Plant Science
- 4 : Bioinformation
- 5 : Research Methodology
- 6 : Dissertation

**Discipline Specific Elective : Zoology(Any two)**

- 1 : Reproductive Biology
- 2 : Wild Life Conservation and Management
- 3 : Biotechnology
- 4 : Immunology
- 5 : Applied Zoology
- 6 : Dissertation
- 1 : Application of Computers in Chemistry
- 2 : Analytical Methods in Chemistry
- 3 : Molecular Modelling & Drug Design
- 4 : Novel Inorganic Solids
- 5 : Polymer Chemistry
- 6 : Research Methodology for Chemistry
- 7 : Grenn Chemistry
- 8 : Industrial Chemicals & Enviroment
- 9 : Inorganic Materials of Industrial
- 10 : Intrumental Methods of Analysis
- 11 : Chemistry of d-block elements, Quantum Chemistry and Spectroscopy
- 12 : Organometallics, Bioinorganic chemistry, Polynuclear hydrocarbon and UV,IR Spectroscopy.
- 13 : Molecules of Life
- 14 : Disssertation

**Ability Enhancement Compulsory Courses**

- 1 : Enviromental Science
- 2 : English/MIL Communication

**Skill Enhancement Courses (Any four)**

**Botany**

- 1 : Biofertilizers
- 2 : Herbal Technology
- 3 : Nursery and Gardening
- 4 : Floriculture
- 5 : Medicinal Botany
- 6 : Plant Diversity and Human Welfare
- 7 : Ethnobotany
- 8 : Mushroom CULTURE Technology
- 9 : Intellectual Property Right

**Zoology**

- 10 : Public health & hygiene
- 11 : Aquarium Fish keeping
- 12 : Pisciculture
- 13 : Poultry Farming
- 14 : Sericulture
- 15 : Apiculture

**Chemistry**

- 16 : IT Skills for Chemists
- 17 : Basic Analytical Chemistry
- 18 : Chemical Technology & Society
- 19 : Chemoinformatics
- 20 : Business Skills for Chemists
- 21 : Intellectual Property Rights
- 22 : Analytical Clinical Biochemistry
- 23 : Green Methods in Chemistry
- 24 : Pharmaceutical Chemistry
- 25 : Chemistry of Cosmetics & Perfumes
- 26 : Pesticide Chemistry
- 27 : Fuel Chemistry

## B Sc (H) Computer Science

**Core Papers**

- 1. Programming Fundamentals using C++
- 2. Computer System Architecture
- 3. Programming in JAVA
- 4. Discrete Structures
- 5. Data Structures
- 6. Operating Systems
- 7. Computer Networks
- 8. Design and Analysis of Algorithms
- 9. Software Engineering
- 10. Database Management Systems
- 11. Internet Technologies
- 12. Theory of Computation
- 13. Artificial Intelligence
- 14. Computer Graphics

**Discipline Specific Elective**

- 1. System Programming
- 2. Numerical Methods
- 3. Operational Research for Computer Science
- 3. Microprocessor
- 4. Modeling and Simulation
- 5. Advanced Algorithms
- 6. Machine Learning
- 7. Introduction to Data Sciences
- 8. Combinatorial Optimization
- 9. Digital Image Processing
- 9. Data Mining
- 10. Project Work / Dissertation

**Skill Enhancement Course**

- 1. Android Programming
- 2. PHP Programming

**Note : For details of papers in BA (H) Business Economics, BA and B Sc Physical Sciences, check University of Delhi Website. [www.du.ac.in](http://www.du.ac.in)**

# ADMISSIONS YEAR 2018 - 19

## LIST OF ACADEMIC SUBJECTS

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.

All the Discipline subjects must have at least a 70% component of theory exams (theory exam does not include internal assessment/ continuous evaluation etc.) in the qualifying exam for the purpose of being treated as academic/ elective subject.

### LIST A

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

### Procedure for Calculating 'Best Four'

#### I. Procedure for calculation of 'Best Four' subjects percentage for Honours programmes (For admission to Arts/ Humanities Programmes):

- The merit shall be determined on the basis of one language and three best academic/elective subjects from LIST A.
- 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 3 of Basis of calculation of Best Four given below.

#### Note:

- 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'.
- 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'

#### Basis of calculation of Best Four

- 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.
- 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.
- University may define any other relevant subjects as an academic/ elective for a particular Honours programme.

## II. Procedure for calculation of ‘Best Four’ subjects percentage for B.A. programme:

- One Language (Core/Elective/Functional)
- 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.
- One non-listed (LIST A) subject can be included in calculation of ‘Best Four’ without any deduction.
- 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’.
- If an applicant opts for Modern Indian Language (MIL) (Except Hindi) as a subject, an advantage of up to 10% may be given in ‘Best Four’ in those colleges where MIL is offered as a subject.

### Note:

- The college will have to notify the actual deduction upto 5% for change of stream beforehand by uploading on their website and intimating the same to the University.
- 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.
- 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)

## III. Procedure for calculation of ‘Best Four’ subjects percentage for B. Com. (Honours)/B.Com.:

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

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.)/ B.Com.

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	

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:

- For every subject included from List C2, a deduction of one percent in aggregate percentage of ‘Best Four’;
- 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.

**IV. Admission to Science Programmes**

The Basis of Selection for Mathematical Sciences/ Science/ Interdisciplinary & Applied Sciences programmes is listed in Section 5.4 and Section 5.5. 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.

## GENERAL RULES FOR ADMISSION UNDERGRADUATE COURSES

1. Medium of instruction in the College for all courses is English except for the Modern Indian Language (MIL) courses and B.A. (Hons.) Hindi and B.A. (Hons.) Punjabi.
2. All undergraduate courses are of three years' duration.
3. Only such students who have passed SSC (Senior School Certificate Examination), 10+2 of the CBSE (Central Board of Secondary Examination), New Delhi or an examination recognized as equivalent to it, with English Core or English Elective as a compulsory subject and English as medium of instruction shall be admitted to the undergraduate courses.
4. An optional subject/paper which attracts less than 15 students may not be entertained.
5. Every admission is provisional and subject to confirmation by the University of Delhi.
6. 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 except in the programmes where the respective regulatory bodies, such as Medical Council of India (MCI), All India Council of Technical Education (AICTE), Bar Council of India (BCI), National Council for Teacher Education (NCTE), Dental Council of India (DCI), etc. have prescribed the minimum age requirement in their regulations.
7. In case any board declares the percentage marks of individual subjects along with the grades, then marks shall be taken into consideration.

**Guardianship:** Students hailing from outside Delhi; Parents of students from outside Delhi (including foreign students) should inform the College in writing the name of the local guardian and submit his/her photograph at the time of admission. In case of a change in the guardian, parents are advised to inform the College immediately.

**Foreign Students:** Foreign students are required to apply for admission through the Advisor, Foreign Students, University of Delhi. The Ministry of Human Resource Development (Dept. of Education) Govt. of India, have notified that all foreign students being admitted to the Indian Universities, should produce a medical fitness certificate or undergo medical examination within a month of their taking admission and that these students will initially be admitted provisionally and their admission will be confirmed only on production of valid medical fitness certificate within the stipulated period.

## POSTGRADUATE COURSES

- Postgraduate admissions are processed on the basis of admission slips issued by the Department of the relevant subject in the University of Delhi. College gives preference to those students who have completed graduation from the college.

*Three seats for teaching and non-teaching staff of the other colleges and departments of University of Delhi will be allocated depending upon the availability of seats and merit of students. Normally admission will not be given to a ward of staff of other college if that subject is taught in his/her own college.*

## FEE DETAILS

S No.	Head	B.A. B.A.(Hons)	B.Com	B.Sc (Hons)/ B.Sc Life Sc/ B.Sc Physical Sc/ B.Com (Hons)	M. A.(P)/ M.Com (P)/ M.Sc.Maths (P)	M.Sc. Previous Yr.
1	Tuition Fee	180	180	180	216	216
2	Admission Fee*	5	5	5	5	5
3	College Library Fee	400	400	400	400	400
4	College Laboratory Fee	0	50	50	0	0
5	House Exam Fee	400	400	400	400	400
6	Medical Fee	25	25	25	25	25
7	Development Fund	5000	5000	5000	5000	5000
8	College Magazine Fee	300	300	300	300	300
9	Identity Card Fee*	150	150	150	150	150
10	Water & Electricity charges	860	860	860	860	860
11	Garden Fee	200	200	200	200	200
12	Computer Fee	800	800	800	0	0
13	Sports/Ground Dev. Fee	1750	1750	1750	1750	1750
14	Students' Welfare Fund	400	400	400	400	400
15	Students' Aid Fund	200	200	200	200	200
16	Students' Societies Fund	2000	2000	2000	2000	2000
17	Students' Union Fund	500	500	500	500	500
18	University Enrol. Fee*	200	200	200	150	150
19	Security Deposit (refundable)*	500	500	500	500	500
20	Divinity Fund	600	600	600	600	600
21	University Students' Union	20	20	20	20	20
22	NSS	40	40	40	40	40
23	NCC	60	60	60	60	60
24	University Athletic Association	50	50	50	50	50
25	University Cultural Council	10	10	10	10	10
26	W U S Health Centre	5	5	5	5	5
27	General Maintenance	3000	3000	3000	3000	3000
28	University Development Fund	600	600	600	600	600
29	University Library Fee	0	0	0	3	2
30	University Laboratory Fee	0	0	0	0	25
31	Prevention of Sexual Harassment Fee	10	10	10	10	10
32	Lab Development Fund	0	3000	3000	0	0
33	University Lib. Development Fund	0	0	0	200	200
34	Univ. Lib. Security Dep. (refundable)	0	0	0	1000	1000
35	Placements	300	300	300	300	300
	<b>Grand Total</b>	<b>18,565</b>	<b>21,615</b>	<b>21,615</b>	<b>18,954</b>	<b>18,979</b>

**Note:** In addition to the above Examination Fee will be charged as applicable for each course, as per the University details.

\* to be paid once. # for issue of duplicate ID card, a fee of Rs. 500/- will be charged.

**Students of foreign nationalities except Tibet have to pay an additional fee of USD 300.**

## FEE DETAILS

S No.	Head	B.A. (H) Business Economics
1	Tuition Fee	180
2	Admission Fee*	5
3	College Library Fee	400
4	College Lab Fee	50
5	House Exam Fee	400
6	Medical Fee	25
7	Development Fund	5000
8	College Magazine Fee	300
9	Identity Card Fee*#	150
10	Water & Electricity charges	860
11	Garden Fee	200
12	Computer Fee	800
13	Sports/Ground Dev. Fee	1750
14	Students' Welfare Fund	400
15	Students' Aid Fund	200
16	Students' Societies Fund	2000
17	Students' Union Fund	500
18	University Enrol. Fee*	200
19	Security Deposit (refundable)*	500
20	Divinity Fund	600
21	University Students' Union	20
22	NSS	40
23	NCC	60
24	University Athletic Association	50
25	University Cultural Council	10
26	W U S Health Centre	5
27	General Maintenance	3000
28	University Development Fund	600
29	Prevention of Sexual Harassment Fee	10
30	Lab Dev. Fund	3000
31	Activity Fee	2000
32	Admission Fee	15000
33	Placements	300
	<b>Total</b>	<b>38615</b>

**Note:** Fee for courses Bachelor in Management Studies, B.Sc Computer Science and B.Sc Forensic Science shall be announced after clearance from competent authority.

\* to be paid once.

# for issue of duplicate ID card, a fee of Rs. 500/- will be charged.

# ADMISSION PROCEDURE

## RESERVATION

**College has been granted Minority Institution status. 50 % of the seats in all streams are reserved for Sikh candidates.**

Sikh students qualifying for admission on the basis of merit can also claim admission under general category.

Suitable relaxation in cutoff may be provided to the students who wish to study Punjabi.

Cut off lists would be displayed on the College Notice-Board and Website.

1. 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.
2. The applicants shall fill in the prescribed application form for admission and attach the following documents in original along with a self attested copy of each:
  - i) Provisional Certificate of the last public examination passed, i.e. Senior Secondary or equivalent.
  - ii) Certificate of Date of Birth issued by the School Examination Board (X class);
  - iii) Detailed Marks-statement of Senior Secondary or equivalent Examination;
  - iv) Character Certificate issued by the Principal of the School last attended;
  - v) Two latest unattested colour photographs (passport size)
3. Candidates with a history of medical ailments must inform the College Admission Committee at the time of admission.
4. The applicants will have to give an undertaking in the final admission form that he/she accepts the conditions for admission to this College, and the same shall be counter signed by his/her parent/local guardian.
5. Approval of admission: The College will retain the original certificates of an approved applicant in order to avoid multiple admissions. The certificates will remain with the colleges during the admission process. After this, the college will approve the admission on the UG admission portal. However, the colleges shall promptly return the documents in case the student withdraws/cancels the admission or student wishes to appear in counselling of any other university/ institute.
6. The applicants with gap year(s) will not be at any disadvantage for the purpose of admission to the undergraduate programmes.
7. The applicants who could not take admission in a given cut-off list (where they indeed met the criterion) may be considered for admission on the last day of admission in the immediate next cut-off list only, subject to availability of seats. For Boards, like International Baccalaureate and others, whose results are declared late, the applicants may be considered for admission during whichever cut-off list their results are declared, subject to availability of seats and provided the applicant had successfully completed the online registration process.
8. 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. The college will be required to update all the information on University Admission portal as per the University rules.

## SPORTS ADMISSIONS

The College offers 4% (40 seats) under Sports Quota for Cricket (M), Basketball (M&W), Handball (M), Hockey (M&W), Volleyball(M), Athletics & Cross Country (M), Softball/Baseball (M), Badminton (M), Shooting (M), Tennis (M) and Ball Badminton (M). Admissions under sports category shall be made by constituted by college as per University of Delhi norms.

Following are the guidelines for admission to various undergraduate programmes on the basis of Sports:

1. The applicants have to fill the online application form available on the University of Delhi portal and make payment for prescribed fee.
2. The applicants are required to upload only the self-attested highest sports certificate issued from May 01, 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 as per information mentioned in Information bulletin of the University of Delhi.

### **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 Federation Games (SAF) 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 and D of the enclosed Criteria for Marking of Sports Certificates)**

##### **A. Maximum 40 Marks for Merit / Participation Sports Certificate.**

1. The criteria for marking of sports certificates display marks for different levels of position and/ or participation in various sports competitions is given in Annexure V of University of Delhi Information Bulletin.
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 01st May 2015 to 30th April 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**

Sports Trial includes Game/ Sport Specific Fitness, Fundamental Skills and Overall Playing Ability.

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 Applicant must secure minimum 30 marks in the Sports Trial to be eligible for admission on the basis of Sports.
  4. The college would video-graph the sports trail and preserve the recording.
  5. 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 Trial
    - b. Higher marks in Sports Certificate
- In case, the tie still persists, all the applicants may be admitted.
6. 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.
  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.
  10. 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.
  11. The decision of Sports Admission Committee shall be final.

## **EXTRA-CURRICULAR ACTIVITIES (ECA) ADMISSION**

A small number of students are offered admission on the basis of exceptional skills exhibited in the fields of theater, dance, creative writing, debate, digital media, divinity, music (vocal and instrumental), fine arts, and quiz. Applicants seeking admission under ECA category must be registered online on DU Admission portal after payment of prescribed fee. The applicants are required to upload only one certificate (preferably the highest achievement one) issued after May 01, 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.

The trials for admission under the ECA category shall be the conducted by the ECA admission committee.

1. Trials will be held at two levels: (i) Preliminary trials (ii) Final trials; date/dates for which shall be notified and displayed on the University Website, College Website and Notice Board.
2. 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.

3. Not more than 15% concession/relaxation in academic merit vis-à-vis UR category applicants (for the last relevant cut-off) may be given for admission to specific programmes (subject to the minimum eligibility of the programme).
4. 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.
5. Weightage in the final trials will be given to the trials and certificates in the following ratio: Trials: 75%, Certificates: 25%.
6. 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.
7. Applicants will have to register in the colleges of their choice according to the trial schedule that will be notified.
8. The college will videograph the preliminary and final trials and preserve the recordings.
9. An applicant being selected in the final list is not a guarantee of admission. Admission is subject to seats availability in a college.
10. The allotment of programme / subject may be finalized by the ECA Committee constituted by the college.
11. 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. Applicant having any grievance should apply either to the Central Grievance Committee or to College Grievance Committee.
12. 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.
13. 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.
14. The ECA Committee of the College shall verify the original ECA certificates of the applicants.
15. 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.
16. 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.
17. The decision of ECA Admission Committee shall be final.

## **WITHDRAWAL FROM COLLEGE**

A student wishing to withdraw his/her name from the College, must do so formally in writing. He/she is liable to pay all fee and other College dues until his/her name has been formally withdrawn. Deductions will be done as per University norms. Identity card must be surrendered at the time of withdrawal, failing which a penalty of Rs. 500/- will be charged for the loss of identity card.

In case student drops out without such formal withdrawal, his/her security deposit will be forfeited and adjusted towards the dues. No claim or refund of security deposit in such cases will be entertained later.

# ACADEMIC RULES & RELATED INFORMATION

## ATTENDANCE

In order to be eligible to appear at a University Examination, every student has to attend a minimum number of two-thirds of the total number of lectures delivered at the College in all subjects as also in tutorials/preceptorials/practicals, as the case may be, taken separately in each semester. Attendance for tutorials, preceptorials will be given only when a student submits written assignments.

Monthly attendance of the students is put up on the website of the college. Parents are advised to visit the college website regularly. **Parents/Guardians of the students who are falling short of required attendance are advised to contact the concerned subject teachers while the students should attend the classes regularly.**

The University Ordinance VII, Clause 2-A Part (ii) states that the Principal of a College shall have power to strike off the name of a student who is irregular in attendance, inspite of warning or when the absence of the student is for such a long period that he/she cannot put in the requisite percentage of attendance. This rule is strictly followed.

When a student is required to represent the College in competitive games, athletics, cultural activities, debates, NCC/NSS etc., he/she must apply for permission to the Principal in writing in advance through the convenor / Sports teachers of the respective activity.

**Henceforth Provisional Certificates and Bonafide Student Certificate issued by the college will reflect the students attendance.**

## LEAVE OF ABSENCE ON MEDICAL GROUNDS

Application for leave of absence due to sickness/hospitalization must be supported by Medical and Fitness Certificates. **These should reach the Principal within a week of the student rejoining the College on the expiry of the leave, on a prescribed application form.** Medical and Fitness Certificates if not submitted in time, shall not be entertained. Students must apply for leave in writing.

Applications must be submitted in the College office within 7 days of joining the College on the advice of the doctor.

The Principal may consider, on the basis of the Medical Certificates produced, exceptional cases of students who had fallen seriously ill or met with an accident during the year disabling them from attending classes for a certain period, with a view to determining whether the lectures etc. delivered during the said period, or a part thereof, could be excluded for purposes of calculation of attendance of the year and decide each case on its own merits. **The benefit of exclusion shall in no case exceed 1/3 of the total number of lectures delivered.**

## UNIVERSITY GUIDELINES FOR ATTENDANCE

### ORDINANCE - VII 2

(a) A candidate for the Semester I/III/V Examination shall not be deemed to have satisfied the required conditions of attendance unless she/he has attended, in all the subjects taken together, not less than two thirds of the lectures/practical/presentations/tutorials required to be attended. Provided that a student of

the Semester I/III/V who does not full the required conditions of attendance, as above, but has attended, in all the subjects taken together, not less than 40 per cent of lectures/practical/presentations during the respective semester, may at the discretion of the Principal of the College concerned, appear for the ensuing semester examination; but such a candidate shall be required to make up the deficiency at lectures and practicals, in the next semester of the same academic year.

Provided that a student of the II/IV/VI semester who does not full the required conditions of attendance as above, but has attended in all the subjects taken together, not less than 40 per cent of the lectures/practical/presentation/tutorials, held during the respective semester, may at the discretion of the Principal of the College concerned, be allowed to appear at the ensuing examination provided that she/he makes up the deficiency of the said attendance by combining the attendance of the previous semester in the ensuing semester.

Provided further that the Principal of the College concerned may permit a student to appear in an examination notwithstanding that the student has not fulfilled the attendance requirement, if in the opinion of the Principal, such student shall make up the deficiency in the succeeding academic year.

Provided further that a student of the VI semester shall be allowed to appear at the VI Semester Examination, if by combining the attendance of the three academic years, the candidate has put in two-thirds of attendance, in all the subjects taken together, held during the respective years.

(b) In the case of a student who :

1. is selected as a member of the N.C.C. to participate in the annual N.C.C. Camps or is deputed to undertake Civil Defense work and allied duties; or

2. is enrolled in the National Service Scheme and is deputed to various public assignments by or with the approval of the Principal/ Head of the institution concerned; or

3. is selected to participate in sports or other curricular activities; or

4. represents the college in inter-college tournaments organized by the Delhi University Sports Council (DUSC); or a student who represents Delhi State in National Tournaments organized by Nation Sports Federation; or a student who represent the University in Tournaments organized by Association of Indian Universities; or a student who represents India in International Tournaments organized by

International Federation/Associations and FISU, (selection through AIU); or a student who represents India in Olympics/Common Wealth Games/Youth Games/World Championship organized by International Olympic Committee; or in national or international fixtures in games and sports approved by the Competent Authority; or

5. is required to represent the University at the Inter- University Youth Festival; or

6. is required to participate in periodical training in the Territorial Army or a student who is deputed by the College to take part in Inter-College sports or fixtures, debates, seminars, symposia or social work projects or a student who is required curricular activities held in other Universities or such other activities approved by the Vice-Chancellor for this purpose.

In calculating the total number of lectures etc. delivered in the College, or in the University, as the case may be, for his/her course of study in each academic year, the number of lectures etc., in each subject delivered,

during the period of absence, and as recommended/forwarded by the concerned teacher/DPE and approved by the Principal/Head for the above purposes shall be deemed to have been attended by the student.

(c) The Principal of a College may consider, on the basis of the Medical Certificates produced, exceptionally hard cases of students who had fallen seriously ill or had met with an accident during the year disabling them from attending classes for a certain period, with a view to determining whether the lectures etc. delivered during the said period, or a part thereof, could be excluded for purposes of calculation of attendance of the year and decide each case on its own merits.

(d) Colleges shall be required to notify the attendance position of each of its students for each month on the notice board of the College, and clearly indicate the lectures/practical held subject wise and the numbers attended by each student.

(e) A College shall notify on the notice board the final attendance position of each of its students within five days of the dispersal of the classes in the last session of the academic year. Not later than five days, thereafter, a student may, by an application to the Principal of the college, claim benefit of exclusion of lectures under sub-clause (a) above on grounds to be specified and accompanied by the relevant documents. All such applications submitted within time shall be considered and disposed of by the Principal of the College at least 3 days prior to the commencement of the examination, in which the student is intending to appear.

(f) The benefit of exclusion of lectures contemplated in category (c) above, shall in no case exceed 1/3 of the total number of lectures/practicals/presentations/tutorials.

(g) In the case of a married woman student who is granted maternity leave, in calculating the total number of lectures delivered in the College or in the University, as the case may be, for her course of study in each semester, the number of lectures in each subject delivered during the period of her maternity leave shall not be taken into account.

(h) No person shall be deemed to have satisfied the required conditions in respect of his instructions, unless in addition to the requirements regarding attendance and other conditions, he has appeared and satisfied by his performance the Principal of his college in such tests, written and/or oral, as may be held by him in his discretion. The Principal of the College shall have, and shall be deemed always to have had, the power to detain a student in the same class in which he has been studying, or not to send him up for the University Examination, in case he did not appear at the tests aforesaid or his performance was not satisfactory. The Principal of a College/Head of the Institution shall have power to strike off the name of a student who is grossly irregular in attendance in spite of warning, or when the absence of the student is for such a long period that he cannot put in requisite percentage of attendance.

## MAINTENANCE OF DISCIPLINE

The College maintains a strict discipline through its Proctorial Board consisting of senior faculty members and the Administrative staff. According to the Ordinance XV-B of Delhi University, the following shall amount to acts of gross indiscipline:

- (a) Physical assault, or threat to use physical force, against any member of the teaching and non-teaching staff and against any student within the University of Delhi.
- (b) Carrying of, use of, or threat of use of any weapons.
- (c) Any violation of the status, dignity and honour of students belonging to the scheduled classes and tribes.
- (d) Any practice - whether verbal or otherwise - derogatory to women.
- (e) Any attempt of bribing or corruption in any matter.
- (f) Willful destruction of institutional property.
- (g) Creating ill-will or intolerance on religious or communal grounds.
- (h) Causing disruption in any manner of the academic functioning of the University system.
- (i) Ragging & Sexual Harassment. As per Ordinance XV-C & XV-D respectively
- (j) Non-payment of legitimate dues or disorderly conduct in the Canteen would invite disciplinary action.

**Any student found guilty of breach of discipline on this count will be subject to disciplinary actions as per ordinance XV-C and other guidelines issued by Honorable Supreme Court, UGC and the University of Delhi. Details of these ordinances can be seen at [www.du.ac.in](http://www.du.ac.in)**

## IDENTITY CUM LIBRARY CARD

Every student of the College is issued an Identity cum Library Card, which he/she is expected to carry with him/her at all times, and is essential for the issue and return of books from the College Library. He/she has to produce the same whenever required to do so. **It is an important document and the duplicate will be issued only under special circumstances.**

## REMOVAL

The Principal has the authority to strike off the name of any student who is irregular in attendance or is not amenable to College discipline or is guilty of negligence in studies or is unfit for the course chosen by him/her or is in default of payment of fee/fine.

All the students are expected to come to the classes in neat formal dress. Male Sikh students shall wear turban in the college.

## GRIEVANCES REDRESSAL MECHANISM

### GRIEVANCE REDRESSAL COMMITTEE

Grievance Redressal Cell functions round-the-year and students can address their grievances in writing to the Cell. College ensures quick and prompt action to resolve any such matters pertaining to students, to their satisfaction.

Staff Council of the College constitutes a Proctorial Committee for the year. This Committee is responsible for maintenance of discipline in and around the College throughout the year. The same Committee works as anti-ragging committee with extension by inclusion of several non-teaching staff members especially at the start of the session.

There have been no complaints pertaining to ragging in the last four years. In fact, there has been no such complaint in last 10 years.

Dr. Jasbir Singh Arora

Dr. Pyar Singh Jassal

Dr. Nachiketa Singh

Mrs. Poonam Bedi

### ADMISSION GRIEVANCES REDRESSAL COMMITTEE

During admission process, another special Admissions Grievance Cell is appointed as per University's directions.

Dr. Jasbir Singh Arora

Dr. Pyar Singh Jassal

Dr. Nachiketa Singh

Mrs. Poonam Bedi

### PROHIBITION AND PUNISHMENT FOR RAGGING

The Proctorial Committee plays a proactive role in preventing ragging by educating, surveillance, notices and cultivating a healthy disciplined environment in the College.

Ragging in any form is strictly prohibited, within the premises of College / Department or Institution and any part of Delhi University system as well as on public transport. Any individual or collective act or practice of ragging constitutes gross indiscipline and shall be dealt according to Ordinance XV-C of University of Delhi.

### POLICY AGAINST SEXUAL HARASSMENT

For any complaints of sexual harassment, the Principal may be approached and the action shall be initiated under the Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013.

*The College guarantees the Right to information as provided in the Constitution of India.  
Application can be made to the Public Information Officer on a plain paper with fee of Rs. 10/-.*

**Students admitted in the College will have to file an affidavit indicating that they will not be indulging in ragging activity.**

# INTERNAL ASSESSMENT AND EXAMINATION

## INTERNAL ASSESSMENT

Internal assessment shall carry 25% weightage and end semester examination shall carry 75% weightage.

The distribution of internal assessment marks shall be as follows

- Attendance (Lectures including interactive periods and tutorials) 5%
- Written assignments/ Tutorials/ Project Reports/ Seminars 10%
- Class test/Quiz(s) 10%

The college follows University's guidelines and regulations for internal assessment.

Each paper carries a few assignments that are graded for specified marks, class tests that are again graded for specified marks and award for attendance as per University rules (66.66% to <70%, 70% to <75%, 75% to <80%, 80% to <85%, 85% and above gets 1,2,3,4 and 5 marks respectively.

**Zero marks are given for attendance less than 66.66%.**

## PRACTICAL EXAMINATION

Wherever there is practical component in a paper there may be a practical examination of specified duration and weightage. The internal evaluation in the practical is through CCE and each lab session may be evaluated in the calculation of final score.

## PASS PERCENTAGE AND PROMOTION RULES

The following provisions shall be applicable to students admitted to the Three Year Under-Graduate Programme under Choice Based Credit System (CBCS):

- (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 IIrd 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., till the end of the VIth semester, then she/he shall be awarded the degree in which the student has been admitted.
- (t) 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.

## SPAN PERIOD

The span period to complete the course shall be 6 years from the year of admission in the I<sup>st</sup> semester.

## 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 re-appearing 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 papers concerned, within the prescribed span period.

(Note: The candidate of 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) **Re-appearance in practical/internal assessment shall not be allowed.**

(e) There shall be no supplementary examinations.

## 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 Point
O (Outstanding)	10
A+ (Excellent)	09
A (Very Good)	08
B+ (Good)	07
B (Above Average)	06
C (Average)	05
P (Pass)	04
F (Fail)	00
Ab (Absent)	00

## 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 the 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 based on overall six semesters.

(b) A student obtaining Grade F shall be considered failed and will be required to re-appear 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.

## CO-CURRICULAR & EXTRA-CURRICULAR AVENUES

### NATIONAL CADET CORPS

The NCC wing of S.G.T.B. KHALSA College is attached to the 5 DELHI BATTALION NCC of the army's infantry wing. The cadets have attended a number of camps such as Prime Minister's Rally, Combine Annual Training Camp (CATC) and Army Attachment Camp. Our NCC cadets have become the role model for other students by participating in social activities like health check-up camp, blood donation camp, tree plantation camp and other NSS activities. Every year we send quite a good number of our cadets to various countries such as United Kingdom, Russia, Singapore, Thailand and China. Many of our cadets join the Indian armed forces after clearing the S.S.B. recruitment process. This year 28 cadets appeared for the 'B' certificate examination of NCC out of which 15 cadets got an A grade. Where the rest cadets got a B grade. In 'C' certificate examination 12 out of 26 cadets secured A grade and rest got B grade. **Fateh 2018 – NCC Fest** held on 11th February.



### NATIONAL SERVICE SCHEME

The NSS unit of college actively conducts different events. Cleanliness drive "Swachhta Pakhwada" was conducted in Aug 2017. Voter awareness and registration drive was conducted in collaboration with electoral officials during Aug - Nov, 2017. NSS day was celebrated on 24 Sep 2017. Road safety awareness event was held in association of Delhi Police in Feb. The Annual cultural event Sarahna for differently able students was conducted as part of Lashkara annual festival.



### COLLEGE SOCIETIES

With a view to developing qualities of initiative, organization, public speaking, leadership, and imbibing a strong sense of self esteem and purpose among students, the College provides ample opportunities for extra-curricular activities. A large number of societies besides the Students' Union, exist in the College. Students are advised to associate themselves with the Society of their choice.

- Aakriti- The Zoology Society
- Aavriti- The Electronics Society
- Acrostics- The Poetry Society
- Anhad- The Divinity Society
- Ankur- The Drama Society
- Catenation- The Chemistry Society
- COMSOC- The Commerce Society
- Confero- The MUN Society
- DADS- The Debates and Discussion Society
- Dastaan- The History Society
- Eco-Tryst- The Economics Society
- ELS- The English Literary Society
- Etram- The Western Dance Society
- Folk Dance Societies
- Hindi Sahitya Sabha
- Pinhole- The photography society
- Polis- The Political Science Society
- Prakriti- The Botanical Society
- Punjabi Sahitya Sabha
- Raah- The Business Economics Society
- Revel- The BA Program Society
- Strokes- The Fine Arts Society
- SWARANG- The Music Society
- The Physics Society
- Wronskian- The Mathematics Society
- Zenith- The Choreography Team

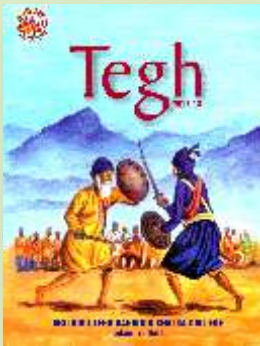
### ANHAD-DIVINITY SOCIETY

Divinity Society organizes functions and seminars on life and works of Sikh Gurus and comparative religious studies. Besides celebrating Gurupurabs and the Founder's Day, Shabad Kirtan Competitions are also organised by the society. The activities are aimed at inculcating ethical and spiritual values among students and give them a feeling of universal brotherhood.



### COLLEGE MAGAZINE

College magazine, '**Tegh**', publishes articles by the students and staff and reviews educational, cultural, and social, and sports activities of the College. Each of the three sections viz. English, Hindi, and Punjabi of the Magazine is edited by a student editor under the supervision of teachers.



*Other than the "Tegh", the various departments of the College also publish their own magazines covering and emphasising events of the respective departments.*

## AWARDS AND SCHOLARSHIPS

The college awards scholarships to the deserving and needful students. The funding of these scholarships are from contributions made by the governing body, existing and former faculty members and college alumini. College encourages outstanding students by giving awards and scholarships twice in a year. Special functions are organized by Students' Welfare Committee and at the Annual Prize Distribution Function Committee. The Students Welfare Committee of the college aims at providing financial assistance and improving the academic standards of the needy and deserving students by promoting the meritorious amongst them. Every year nearly 200 students are selected for Merit Cum Means and Means based scholarships. The Special Awards and Scholarships are distributed by the College at another function celebrated as College Annual Day every year.

*In the year 2014-15, College has instituted about seventy awards and scholarships for excellence in academics, sports and extra-curricular activities through the benevolence of the civil society of the college. This year 72 college toppers in various streams were awarded Academics prize and 4 Special Prizes were given to Divinity Students. Special Awards were distributed to Sports students on Sports Prize distribution Function. Besides these 264 students in extra-curricular activities were also awarded on a special function.*



### AWARDS FOR EXCELLENCE (Rs. 10000 or above)

1. **S.Tarlochan Singh Sarna Memorial Award** for 1st position in University 11,000/-
2. **Principal G.S. Randhawa Memorial Scholarship** for College Topper 11,000/-
3. **G.L Sikka Memorial Award** for College Topper 11,000/-
4. **S.S. Gulshan Memorial Award** for College Topper 11,000/-
5. **Dr. Rattan Singh Anand Memorial Award** for Best Cricketer 11,000/-
6. **G.L. Sikka Memorial Award** for Best Student In Academics & Sports 11,000/-
7. **Sdn. Parkash Kaur Sahni Memorial Award** for College Topper 10,500/-
8. **Gagandeep Singh Anand Memorial Award**- for-University Topper 10,500/-

### AWARDS FOR KIRTAN

1. **S. Tarlochan Singh Sarna Memorial Award** for Excellence in Kirtan Recitation 11000/-
2. **S. Rattan Singh Anand Memorial Award** for Excellence in Kirtan Recitation 10000/-
3. **Jathedar Jatinder Singh Sandhu Memorial Awards** (2) for Best Deserving Gursikh Student 5000/- each

### AWARDS FOR NCC/NSS

1. **Sh. Lachhman Das Mehta Memorial Award** for Best Activist in NSS 5000/-
2. **Deokinandan Lal Das Memorial Award** :NSS Award 5000/-
3. **Mr. Amarnath Sehgal Memorial Award** for excellence in NCC 5000/-

## AWARDS & SCHOLARSHIPS FOR ACADEMICS

1. **Sdn. Kaushalya Kaur Memorial Scholarship** for College Topper 7,000/-
2. **Sdn. Agya Kaur Memorial Scholarship** for II in University 7,000
3. **S. Pritam Singh Narang Memorial Scholarship** for College Topper 7,000/-
4. **Sultan Chand Memorial Scholarship** for College Topper M.Com (Prev.) 7000/-
5. **Prof. Maheep Singh Memorial Award** for College Topper.
6. **S. Tara Singh Jassal Memorial Scholarship** for College Topper 7000/-
6. **Jaswant Sroop Memorial Scholarship** for Punjabi College Topper 6000/-
7. **Sdn. Kauran Roop Rai Memorial Scholarship** for Best Female Student In Physics 6000/-
8. **Sdn. Kauran Roop Rai Memorial Scholarship** for College Topper English 6000/-
9. **S. Gurdial Singh Viridi Memorial Award** for Best All Rounder Of The College 5500/-
10. **Mata Raj Kaur Jolly Memorial Scholarship** for College Topper 5000/-
11. **Mata Raj Kaur Jolly Memorial Scholarship** for (Instituted in 2015-16) College Topper 5000/-
12. **S. Sant Singh and Sdn. Basant Kaur Memorial Scholarship** for (Instituted in 2015-16) College Topper 5000/-
13. **S. Gian Singh Memorial Scholarship** for College Topper 5000/-
14. **Mr. Manikaran Singh Sidhu Memorial Scholarship** for Commerce College Topper 5000/-
15. **Smt. Krishna Vanti Jhamb Memorial Scholarship** for College Topper 5000/-
16. **S. Rajinder Singh Sachdev Memorial Scholarship** for College Topper 5000/-
17. **S. Jaspal Singh Memorial Award** for College Topper 5000/-
18. **S. Hazara Singh Memorial Award** for College Topper 5000/-
19. **Sdn. Jaswant Kaur Memorial Award** for College Topper 5000/-
20. **Sultan Chand Memorial Scholarship** for College Topper B.Com (H) 5000/-
21. **Dr. Satinder Kaur Memorial Award** for College Topper Zoology (H) 5000/-
22. **Dr. Satinder Kaur Memorial Award** for All-rounder (Girl) in Zoology 5000/-
23. **Dr. Satinder Kaur Memorial Award** for All-rounder (Boy) in Zoology 5000/-
24. **S. Surinder Singh Nijjar Memorial Awards** (3) for Topper in Chemistry I, II, III 5000/- each
25. **S. Hardayal Singh Memorial Scholarship** for Student of B.Com (Hons.) 5000/-
26. **S. Gurdial Singh Viridi Memorial Scholarship** for College Topper 5000/-
27. **S. Sital Kaur Viridi Memorial Scholarship** for College Topper 5000/-
28. **S. Amolak Singh Sethi Memorial Scholarship** for College Topper 5000/-
29. **S. Rattan Singh Gill Memorial Scholarship** for College Topper 5000/-
30. **Dr. Jasjeet Kaur Memorial Scholarship** for College Topper 5000/-
31. **Jathedar Jatinder Singh Sandhu Memorial Scholarship** for College Topper 5000/-
32. **S. Gurbaksh Singh Bhasin Memorial Scholarship** for College Topper 5000/-
33. **Smt. Saraswati Singh Memorial Scholarship** for College Topper 5000/-
34. **S. Mohinder Singh Memorial Scholarship** for College Topper 5000/-
35. **Sdn. Rajdulari Memorial Scholarship** for College Topper 5000/-
36. **Sdn. Balbir Kaur Jassal Memorial Scholarship** for College Topper
37. **Sh. Gian Chand Jhamb Memorial Scholarship** Punjabi (Hons)

## AWARDS FOR SPORTS

1. **Dr Ratan Singh Anand Memorial Award** for best Cricketer 11,000/-
2. **G.L.Sikka Memorial Award** for best student in sports and academics 11,000/-
3. **S.Jaswant Singh Nanda Memorial Award** for Outstanding Player In Handball 5000/-
4. **S.Jaswant Singh Nanda Memorial Award** for Outstanding Player In Athletics 5000/-
5. **S.Jaswant Singh Nanda Memorial Award** for Special Record at AIU National Level 10000/-
6. **Sdn. Praveen Kaur Sahni Memorial Award** for Best Sportswoman 5,000/-
7. **Sdn. Praveen Kaur Sahni Memorial Award** for Outstanding Player In Basketball 5,000/-
8. **S. Pargat Singh Memorial Award** for Outstanding Cricket Player 5,000/-
9. **S. Pargat Singh Memorial Award** for Outstanding Player Hockey & Cross Country 5,000/-
10. **S. Abnash Singh Nijjar Memorial Award** for Best Hockey Player 3,500/-
11. **Lala Amarnath Memorial Award** for Best Cricketer 3,000/-

## ACHIEVEMENTS 2017-18

### ACADEMIC RESULTS (2017-18)

Through the passing year our academic results have been outstanding. The examination results have been overwhelming.

S. No.	Class	Total Students	Students Scoring >7.9 CGPA (=75%)	Students Scoring >6.4 CGPA (=60%) Ist Division	Students Scoring >5.3 CGPA (=50%) IIInd Division
1	Ist Year	1038	135 (13%)	521 (50%)	556 (25%)
2	IIInd Year	976	121 (13%)	485 (50%)	271 (28%)
3	IIIrd Year	992	238 (23%)	657 (66%)	219 (22%)

S. No.	Name of Student	Subject	Position in University
1	Shivani Kakkar	BA (Final) Punjabi	Ist in University

### SPORTS ACHIEVEMENTS

In the academic year, College participated in 12 inter-college competitions: Athletics, Badminton (M), Basketball (M), Ball Badminton, Baseball, Cross-country, Handball (M), Hockey, Shooting, Softball, Tennis (M), Volleyball.

The College won Athletic Inter College Meet and won 7 gold, 5 silver 3 Bronze Medals.

The College won First Position in the Inter college cross country in the University.

The College won the Inter College Volleyball, Handball, Ball Badminton Championships.

The College stood First in the Inter College Tennis Championship for the Fourth consecutive year, second in Hockey Championship and third in Baseball Championship.

The college Gatka team won 3 Gold, 1 Silver & 1 Bronze Medals in Inter College Competitions. Nine Students from the college Gatka team were selected and represented the University of Delhi at India Intervarsity Gatka Championships held at Sangrur. The team stood second and won 5 Silver & 1 Bronze medals.

## ORIENTATION

Orientation program for all the new entrants will be held on **20th July 2018, at 10:30 AM**. All first year students admitted to the college are invited to attend along with their parents.

## CONTACT INFORMATION

Principal	:	Dr. Jaswinder Singh
Convener, Admission Committee	:	Dr. V.K. Mehra
Admission Assistant	:	Amarjeet Singh Chahal
College Ph.	:	27667469
Fax	:	27666220
E-mail ID	:	sgtbkc.du@gmail.com
Website	:	<a href="http://www.sgtbkhalsadu.ac.in">http://www.sgtbkhalsadu.ac.in</a>

## ACADEMIC CALENDER

1. There shall be at least 180 teaching days in an academic year.
2. The University follows a six day teaching schedule per week.

<b>SEMESTER SCHEME 2017-18</b>	<b>I/III/V/VII</b>
Classes Begin	20th July, 2018
Last Date for option change	25th July, 2018
Mid-Semester-Break	15th October, 2018 to 21st October, 2018
Classes Begin After / Mid-Semester-Break	22nd October, 2018
Option change for IInd Semester	26th October to 6th November, 2018
Dispersal of Classes, Preparation Leave and Practical Examination	16th November, 2018
Theory Examinations Begin	30th November, 2018
Winter Vacations	17th December, 2018 to 31st December, 2018

<b>SEMESTER SCHEME 2017-18</b>	<b>II/IV/VI/VIII</b>
Classes Begin	1st January, 2019
Mid-Semester-Break	18th March , 2019 to 24th March, 2019
Classes Begin After / Mid-Semester-Break	25th March, 2019
Dispersal of Classes, Preparation Leave and Practical Examination	29th April, 2019
Theory Examinations Begin	10th May, 2019
Summer Vacations	26th May, 2019 to 19th July, 2019



Rs. 200/-