



NAAC Accredited "A" Grade



Prospectus 2016

**Shivaji College**

(University of Delhi)



# ADMISSION SCHEDULE\*

## FOR UNDERGRADUATE COURSES 2016-2017

Online Registration	01st June 2016 (Wednesday) at 12 noon to 22nd June 2016 (Wednesday) at 05:00 PM*	
Notification of First admission List by the Colleges	30th June 2016 (Thursday)	9 AM
Document verification and Approval of Admission	30th June 2016 (Thursday ) to 2nd July, 2016 (Saturday )	Upto 1 PM*
Notification of Second Admission List by the Colleges	05th July 2016 (Tuesday )	9 AM
Document verification and Approval of Admission	05th July 2016 (Tuesday ) to 08th July, 2016 (Friday)	Upto 1 PM*
Notification of Third Admission List by the Colleges	11th July 2016 (Monday)	9 AM
Document verification and Approval of Admission	11th July 2016 ( Monday) to 13th July 2016 (Wednesday)	Upto 1 PM*
Notification of Fourth Admission List by the Colleges (if any)	15th July 2016 (Friday)	9 AM
Document verification and Approval of Admission	15th July 2016 (Friday) to 18th July 2016 (Monday)	Upto 1 PM*
Notification of Fifth Admission List by the Colleges (if any)	20th July 2016 (Wednesday)	9 AM
Document verification and Approval of Admission	20th July 2016 (Wednesday) to 22nd July 2016 (Friday)	Upto 1 PM*

\*Time given in the Table is for the verification of the documents and approval of admission in the colleges. Once the college approves admission, the candidate is permitted to make online admission fee payment till 12 noon of the next day of the given admission list deadline.

*Students and their parents are cordially invited to attend the Orientation Programme to be held on the first day of the academic session 2016-17*



# ACADEMIC CALENDAR 2016-2017

The following Academic Calendar is to be followed for the Under-graduate and Post-graduate courses for the academic year 2016-2017:

## SEMESTER I/III/V/VII

Classes Begin	20th July, 2016 (Wednesday)
Mid-Semester Break	11th October, 2016 (Tuesday) to 16th October, 2016 (Sunday)
Classes begin after Mid-Semester Break	17th October, 2016 (Monday)
Dispersal of Classes, Preparation leave and Practical Examinations begin	12th November, 2016 (Saturday)
Theory Examinations begin	24th November, 2016 (Thursday)
Winter Break	17th December, 2016 (Saturday) to 1st January, 2017 (Sunday)

## SEMESTER II/IV/VI/VIII

Classes Begin	2nd January, 2017 (Monday)
Mid-Semester Break	13th March, 2017 (Monday) to 19th March, 2017 (Sunday)
Classes begin after Mid-Semester Break	20th March, 2017 (Monday)
Dispersal of Classes, Preparation leave and Practical Examinations begin	27th April, 2017 (Thursday)
Theory Examinations begin	9th May, 2017 (Tuesday)
Summer Vacation	20th May, 2017 (Saturday) to 19th July, 2017 (Wednesday)



## EMBLEM



विद्या नैतिकता प्रदान करती है और नैतिकता सूर्य के समान ऊर्जावान होती है। उगता सूर्य—ज्ञान का, प्रकाश का प्रतीक है, जो अज्ञानता के अंधकार को दूर भगाता है और विवेक की ज्योति जगाता है। कमल—कला, संस्कृति और सौंदर्य का परिचायक है जो बुराइयों, प्रतिघातों—संघर्षों के बीच अच्छाइयों के खिलखिलाने का प्रतीक है। गेहूँ की बालियाँ हरियाली और समृद्धि की द्योतक हैं। शिवाजी कॉलेज विश्व-कृषि मेला आयोजन समिति के द्वारा



प्रारम्भ हुआ था। सम्भवतः इसीलिए इस संस्था के लोगों का उद्देश्य है कि मनुष्य प्रकृति से जुड़े और उससे प्रेरित होकर सम्पूर्ण जीवन का विकास करे।

विश्वविद्यालय प्रतीक चिह्न में हाथी—बुद्धि और विवेक का, कमल का फूल—कला और सौंदर्य का, खुली हुई पुस्तक ज्ञान प्राप्ति का प्रतीक है। बहती हुई नदी दिल्ली की यमुना का प्रतीक है। संस्कृत के उद्धरण का अनुवाद है— निष्ठा, धैर्य और सत्य। 1 जनवरी 1962 में विद्वत परिषद् में पारित हुआ कि विश्वविद्यालय प्रतीक चिह्न में बाहरी वृत्त में विश्वविद्यालय का नाम अंकित होगा और यह सफेद रंग का होगा। विश्वविद्यालय का सिद्धान्त काले रंग में, हाथी और कमल सुनहरे रंग में और नदी गहरे नीले तथा पुस्तक सफेद रंग में होगी।



Knowledge grants immortality and immortality is as bright as the sun itself. The rising sun is the symbol of knowledge and light which repudiates the darkness of ignorance and awakens the human conscience. The lotus symbolizes art, culture and beauty and the flourishing of goodness amidst all evil and conflict. The two stalks of wheat represent fruitfulness and prosperity. Shivaji College was founded by the organizing committee of the Vishwa Krishi Mela. Perhaps this is why the logo of the institution represents the union of man with nature. The logo stands as a vision of a full, prosperous life for all mankind, inspired by this very union.

The Elephant is a symbol of sagacity and wisdom. Lotus Flower is a symbol of Art and Beauty, the Open Book is a symbol of Knowledge and Learning, while the River is the Yamuna flowing through the city of Delhi. Motto in Sanskrit means "Dedicated to Truth".

On January 1, 1962, the Academic Council of the University of Delhi decided that the outer circle in the logo would carry the name of the University in whole. The motto of the University would be in black color, the Elephant and Lotus would be gold in colour, the river in dark blue and the book in white.

# Principal's Message



*Dear students,*

*Shivaji College is an esteemed college under the flagship of University of Delhi and has been accredited with "A" Grade by the NAAC in 2015. We offer 27 UG and 3 PG courses along with 3 Skill-based add-on courses thereby aiming at sound, all-round academic development of the students.*

*The College offers state of the art laboratories, classrooms with multimedia projectors, spacious and updated library, an auditorium and a vast and well-maintained sports ground. The college is a smoke free, drug free, ragging free, vehicle free and green eco-friendly campus. Our college*

*has also been recognized for exceptional work done in the field of extension services and was awarded for "Good Practices" at the annual University festival 'Antardhwani'. We are the only college in the university to provide an accidental/life insurance policy for students.*

*Keeping in mind the essence of its motto "Amritam Tu Vidya", the college provides a healthy and congenial environment which is helpful for its students to undertake innovation and experimentation. The teaching- learning process aims at inculcating a fundamental, theoretical, and practical understanding of various academic discipline respectively. Workshops, talks, symposia, conferences and seminar (both at national and international levels) are organized regularly.*

*The Cultural Committee has a number of societies under its aegis to provide students with an amiable and conducive environment for honing their talent and creativity. The N.C.C. (both Boys and Girls Divisions) and N.S.S. units motivate students towards undertaking social service and related causes. The Women Development Cell of the College has also instituted Jijabai Achievers' Awards to felicitate individuals who contribute towards social causes and this is a unique initiative taken by our College. The active Placement Cell trains students accordingly so that they get an exposure to the competitive environment offered by the public/private sector companies. In the field of sports and games, our students have carved a niche as various teams participate in varied inter-college and inter-university tournaments at both state and national levels and win laurels for the college.*

*I welcome all the first year students to Shivaji family and wish them a progressive career ahead.*

*Dr. Shashi Nijhawan*

*Principal*

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# SHIVAJI COLLEGE

(NAAC ACCREDITED "A" GRADE)

## A CENTRE OF ACADEMIC EXCELLENCE

*Shivaji College, a constituent College of University of Delhi is governed by Delhi Administration. It is a co-educational institution offering various courses in Humanities, Science, and Commerce at undergraduate and postgraduate level. The College has completed more than 50 years in the area of education. We soared new heights in the academic year 2015-16 as our college was accredited with "A" Grade by the prestigious National Assessment and Accreditation Council (NAAC). This achievement summarizes the struggle and hard work contributed by the Shivaji College family over the years.*

### Reputed Faculty

The College has an energetic and vibrant faculty that encourages students to go beyond textbooks and acquire experiences that will enable them to become culturally sensitive and socially responsible individuals. We aim towards a holistic development of students thereby nurturing them in a way that they contribute to the well-being of society and nation. The Internal Quality Assurance Cell of the college ensures quality teaching and monitors the progress of students.

### Library

Shivaji College Library is automated with over 67000 books of various disciplines. The Library subscribes to a total of 50 newspapers and magazines and has a rich collection of diverse reference works such as encyclopaedias, dictionaries, atlases, yearbooks, etc. The Library also provides access to about 6000 e-journals and 97000 thousand e-books through N-LIST Programme of INFLIBNET and a host of high quality electronic databases subscribed by Delhi University Library System (DULS) for its users. There are two air-conditioned reading halls in the Library, one each for students and teachers, well-equipped with computer and internet facilities. The Online Public Access Catalogue (OPAC) is in place to ensure easy access of books to the users.



For differently abled students there are several facilities such as Braille kits with CD's, over two hundred books in Braille, laptops, Angels, Lex software and Tape- recorders etc., in the library.

### Sports and Games

Shivaji College has one of the largest sports playfield amongst the colleges of Delhi University. Adequate facilities for games such as cricket, football, basketball, chess, table tennis, athletics, softball and baseball are provided to the students. Associated infrastructure facilities such as changing rooms and store rooms are also available for the students. The college sports teams participate in inter-college and inter-university tournaments. The college has been visited by various national and international players of repute who have encouraged students to work hard and excel in sports and games.



### College Cafeteria

The cafeteria is the most popular joint amongst the students to hang out and discuss everything ranging from classes and music to movies. Great and hygienic food, affordable prices and a good ambience makes the college canteen the most frequently visited place. The Lipton kiosk and Mother Dairy booth within

the college premises also provide additional choices to the students by offering them fresh snacks and drinks at reasonable prices.

## Laboratories

The college is equipped with modern and efficiently managed laboratories for science courses offered such as Physics, Chemistry, Zoology, Geography and Botany. Four air-conditioned computer science labs provide access to sophisticated softwares and high speed internet connectivity to students and staff.



## Magazine

The college magazine “Shivraj” acts as a platform for young minds to share their experiences, thoughts and opinions. It reflects the ideological bent of the college youth. The magazine publishes contributions from students and teachers in English, Hindi and Sanskrit. Articles, poems, essays and stories display the literary skills of students across various disciplines. It is eagerly looked forward to by the students because it is a cherished record of their vibrant college life.

## College Auditorium

The auditorium is well-equipped with a state of the art audio visual system, projector and stage lighting arrangements. It is spacious and fully air-conditioned with a seating capacity of 400. It is the centre for various extracurricular, cultural and educational activities like seminars, talks, debates, plays, movie-screenings and departmental festivals. For many students the auditorium provides the stage where they overcome their stage-fright and learn to give the first performances of their college life.

## Convenient location

Situated off the ring road, the College is very close to the metro station. Centrally located and surrounded by various public amenities like hospitals, restaurants and shopping centers, the College is well connected to airport and railway stations as well.

## Research Avenues and Opportunities

Research in inter-disciplinary and trans-disciplinary area through the medium of Innovation Projects and classroom interaction (I.E.) is promoted. The College takes pride in offering well equipped science and computer labs. Free Wifi login ensures that the students access e-journals and online databases subscribed by the University of Delhi.

## Student Information System

Online access to monitor attendance and internal assessment has been provided through the portal [www.shivajicollegeia.com](http://www.shivajicollegeia.com).

## Harmonious Environment

The college authorities have installed a complaint box for girl students outside the Principal’s office where grievances related to sexual harassment, ragging and eve-teasing can be submitted. The College campus is a smoke-free and vehicle free zone which provides a healthy environment for students’ well-being

## Banking Facility

Central Bank of India has a branch within the college premises. The staff and students can open accounts as well as avail other banking facilities.

## Xerox Facility

There is a Xerox centre within the college where students can avail photocopying facility and book binding facilities at their convenience.

## World University Service (WUS) Health Centre

There is a WUS Health centre in the college premises to assist students and staff and provide them with basic medical care. Students can avail a health card at the cost of 120/- per year. College has made a provision for Accidental/Life Insurance Policy (Rs. 1 Lac) for students. A counsellor is also available in the college to help students deal with their socio-psychological problems.

# LIFE BEYOND ACADEMICS

## National Cadet Cops (N.C.C.)

The N.C.C. Unit of Shivaji College is a group of motivated and trained youth that exhibit leadership qualities. The Boys' Wing is attached to the 2nd Delhi Battalion, New Delhi and the Girls' Wing comes under 7th Delhi Girls Battalion, Kirti Nagar. Our cadets have won many prizes at Combined Annual Training Camp (CATC) and brought laurels to the college. Cadets can also attend national level training camps like Republic Day Camp, Army Attachment Camp, Thal Sena Camp, Trekking and Parasailing. The N.C.C. also serves as a catalyst for joining armed forces as certain vacancies in IMA and in OTA are reserved for N.C.C. 'C' certificate holders and they are eligible to face S.S.B. interview directly. Students who are medically fit and desirous of joining N.C.C. Training are enrolled upon submission of an application at the beginning of the session to the N.C.C. in charge.



## National Service Schemes (N.S.S.)

The NSS Unit of Shivaji College is an active and vibrant unit. The team of enthusiastic students has made possible various projects and events. Project AKSHAR aims to encourage paper conservation and provides livelihood to differently abled women. Apart from this, Anti-Tobacco Campaigns, Cancer Awareness Programmes, Blood Donation Camps, Health Check-ups, Voter Awareness Programmes and Phenology Studies are also organised at regular intervals. A mock drill was conducted to train the students regarding safety measures to be taken at the time of calamities like earthquakes.

## Eco-Club

The Eco-Club of Shivaji College is run in coordination with the Department of Environment, Govt. of Delhi. It plays an important role in creating Environmental awareness amongst the young generation by developing a multi-dimensional approach towards conservation, preservation and promotion of environment. **One World, One Environment** is the slogan of the club and its aim is to practice the 3Rs: Reduce, Reuse and Recycle. As a part of this agenda, it organises annual excursions to make students aware about the human impact on our environment. In addition to this, the club engages in projects such as Kitchen Gardening, Herbal Gardening, Solar Panel Installation (in progress) and Rain Water Harvesting. Several drop boxes are placed in the college campus to collect paper and e-waste.

## Women Development Cell

The college has a Women Development Cell for advocacy of gender issues and justice. A primary objective of the Cell is to create a more inclusive, tolerant and gender sensitized community within campus as well as in society. International and National level events like self-defense training workshops, debates, talks by eminent personalities, health camps and various competitions are organized regularly. Any student can join this cell and participate in its activities.

Shivaji College instituted Jijabai Achievers' Awards in



2010 to felicitate individuals who contribute either directly in changing lives of women, or indirectly by being the change themselves and becoming an inspiration to others. In the previous academic session, WDC organized a **National Seminar** on *Women, Crime and Law: Protection or Assertion?* The event was followed by presentation of Jijabai Achiever's Award and release of the book '*Utkarsha - Epitomizing Progress*'. WDC has appointed Dr. Kushal Kaushik, counselor, for students and staff of the college. She is available in the college on Monday and Friday between 12 noon to 2:00 pm.

## Alumni Club

College has an active Alumni Club, a platform for institution to network and collaborate with former faculty and Alumni. Alumni members often help the placement cell of the college to connect with various companies. The association plans to introduce new scholarships for meritorious students and conduct interactive programmes for all students. This year the Club had organized an Alumni Meet in the month of May. The event was well attended and saw many Alumni Achievers sharing their experiences and memories.



## Cultural Society

The Cultural Society is a vibrant fraternity of several groups under its aegis. These include:

### Vayam

The Theatre Group is a spirit evolved over eight years through consistent hard work, belief, innovation and creativity. It is one of the most renowned theatre groups in the university. The group won 35 awards in different categories during the last academic session. Vayam also performed at Rahagiri- Times of India initiative and made public performances in collaboration with National school of drama and Sahitya Kala Parishad

### Vibgyor

The Fine Arts Society provides an excellent platform for the students with an artistic bent of mind to further explore their talents. Vibgyor participates actively in inter-college festivals of Delhi University and has won many prizes. This year the society won prizes at IITD, AIIMS, Shri Guru Gobind Singh College of Commerce and Shaheed Sukhdev College of Business Studies.

### Footloose

The Dance Society encourages young budding dancers to discover their love, passion and potential for dancing. The tagline "Dream of Every Foot" aptly describes the society where the members follow their dreams to bring out the best in themselves. The society experienced success from the word "go" and with each passing year has scaled new heights.



### Reverb

The Music Society of the college starts its activities every year with auditions held at the beginning of the new session. The society organizes its annual festival Swaranjali which draws huge participation from different Colleges.



## Bizarre

The Fashion Society attracts wide participation from the students. Auditions for new members are held at the start of each session. The members of Bizarre have displayed exuberant performances and thus have made a name for themselves. Their well incorporated themes and stage acts have earned applause and appreciation. Bizarre has won many laurels for the college by participating in various inter-college festivals.

## Shutterbugs

The Photography Society has been very active since its inception. From monthly photo-walks to workshops and discussions, Shutterbugs has broken new ground with time. They have regular collaborations with photography clubs all over Delhi. Cinedrome - the annual Film and Photography festival is organized every year by the society with great enthusiasm and zeal.

## Dictum

The Public Speaking Society provides a unique platform to students to exchange their ideas eloquently. The Society organizes “The Shivaji Bhosale Debate

Competition” annually. This year the event saw an overwhelming response.

## Vibrations

Vibration is one of the most popular cultural festivals in the University which registers an overwhelming participation across the students’ fraternity. It provides an unparalleled platform to students to showcase their skills, talent and celebrate the spirit of success and togetherness. Vibrations witnesses a range of literary, drama, music, art and fashion related events with an electrifying live performance as a part of the Star-Night, to close the festival.

## Spic Macay

Cultural committee in collaboration with Spic Macay organizes various cultural events in an attempt to guide students about various aspects of Indian cultural heritage. This year the Virasat chapter of Shivaji College organised kathak recital by padamshri Dr. Shovana Narayan. The college in its endeavour to inspire youth to take forward the legacy of rich art and culture organises such events frequently.



## Departmental Societies

Every department has its own society which provides a competitive platform to the students for a stimulated exchange of knowledge, skills and creative aptitude. The societies organize festivals and other academic events to encourage students to think beyond the curriculum.

<b>Shivalik:</b>	Geographical Society	<b>The Democrats:</b>	Political Science Society
<b>Chaperone:</b>	Biochemical Society	<b>Itihaas:</b>	History Society
<b>Fragrance:</b>	Botanical Society	<b>Infinity:</b>	Mathematics Society
<b>Chemical:</b>	Chemistry Society	<b>Invenio:</b>	Physics Society
<b>Kaizen:</b>	Commerce Society	<b>Epitome:</b>	Economics Society
<b>Websters:</b>	Computer-Science Society	<b>Sahitya Sangam:</b>	Hindi Society
<b>Nishreyas:</b>	Sanskrit Society	<b>Oyster:</b>	Zoological Society
<b>Litopia:</b>	English Literary Society	<b>Shivalik:</b>	Geographical Society
<b>The Democrats:</b>	Political Science Society		

## RESEARCH & INNOVATION PROJECTS @SHIVAJI

Project Code	Project Title
SHC 315	Inventory and Prospect of Water Conservation in western Rajasthan
SHC 314	Make Your Life Easy : Using Smart Switch
SHC 313	Comparative analysis of heavy metal toxicity and pesticide contamination in vegetables collected from local sites and organic stores in Delhi
SHC 312	L-asparaginase, an anti tumor agent: Production, Characterization and Molecular Approaches
SHC 311	Project Title: Lifestyle Disorders: Etiology, Awareness and Management
SHC 310	A comparative chemical analysis of commercially available newer brands of edible oils for their highlighted benefits for human consumption
SHC 309	Real Time Android Application for Travel convenience
SHC 308	A Dried Blood Spot collection study for detection of Brucellosis in Bovine Population of Indian villages: an ELISA based system specific to omp25 and omp28 proteins of Brucellaabortus
SHC 307	Amelioration of Air Quality in Urban Ecosystem of Delhi: Role of Avenue Trees, and Use of Birds as Biomonitors
SHC 306	Application of Biocontrol Agents and Herbal Oils on Wheat Crop Against Powdery Mildew Disease
SHC 305	Agro-Industrial Waste Utilization for Biofuel Production

# COURSES AVAILABLE AND SANCTIONED STRENGTH FOR ADMISSION

Course	Sanctioned Seats	General	SC	ST	OBC
B.A. (Programme)	185	93	28	14	50
<b>B.A. (Hons.)</b>					
B.A. (Hons.) Economics	46	24	7	3	12
B.A. (Hons.) English	46	24	7	3	12
B.A. (Hons.) Geography	46	24	7	3	12
B.A. (Hons.) Hindi	46	24	7	3	12
B.A. (Hons.) History	46	24	7	3	12
B.A. (Hons.) Political Science	46	24	7	3	12
B.A. (Hons.) Sanskrit	46	24	7	3	12
B.A. (Hons.) Business Economics	62	31	9	5	17
B.Com (Programme)	92	46	14	7	25
B.Com (Hons.)	92	46	14	7	25
<b>B.Sc. (Prog.)</b>					
Life Science	92	46	14	7	25
Physical Science (with Computer)	62	31	9	5	17
Physical Science (with Chemistry)	31	16	6	2	8
<b>B.Sc. (Hons.)</b>					
B.Sc. (Hons.) Biochemistry	31	16	5	2	8
B.Sc. (Hons.) Botany	31	16	5	2	8
B.Sc. (Hons.) Chemistgry	31	16	5	2	8
B.Sc. (Hons.) Mathematics	92	46	14	7	25
B.Sc. (Hons.) Physics	62	31	9	5	17
B.Sc. (Hons.) Zoology	31	16	5	2	8

\* Seats for PH/ Kashmiri migrants / CW/Foreign students are reserved as per University Rules.

## LIST OF DOCUMENTS REQUIRED AT THE TIME OF ADMISSION

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

Class X Board Examination Certificate	Class X Marks-sheet
Class XII Marks-sheet	Class XII Provisional Certificate/Original Certificate
	Character Certificate (Recent)
SC/ST/PWD/CW/KM Certificate in the name of the candidate (For SC/ST candidates)	OBC (Non-Creamy Layer) Certificate in the name of the candidate issued by competent authority (For OBC candidates in the central list).
Recent Income Certificate wherever applicable.	Transfer Certificate from School/College as well as Migration Certificate from Board/University are required for those students who have passed Senior Secondary Examination from outside Delhi.
3 recent passport size self-attested photographs	Permanent address proof (only Photocopy)
Photocopy of Adhaar card (Compulsory for SC, ST & OBC candidates)	Bank Details (Bank name, A/c No., Branch address, IFSC code, etc.)

**Students from different boards (other than Central Boards — C.B.S.E & A.I.S.S.C.E) whose details are not available online are required to get their documents verified from the Resident Commissioner of their respective states.**

*The University has decided to accept the self attested copies of the documents/papers and photographs provided by the students for admission. It is made clear that if any false attestation/falsified record is detected, the student will be debarred from attending any course in the University or the College for the next five years and in addition, a criminal case under section of IPC will be instituted against him/her.*

# ADMISSION PROCEDURE

1. Online Registration
  - a. Candidates seeking admission to the Undergraduate (UG) Courses in different colleges of the University of Delhi are required to register online.
  - b. There is a common Web Portal for the centralized registration of candidates and a common registration form for admission to all the Undergraduate Courses in the University.
  - c. Online registration details are available on the following UG admission portal: <http://ug.du.ac.in>
2. For courses where admissions are done through entrance examinations, separate procedures shall apply.
3. The procedure for calculation of Best of Four percentage (wherein admission is done on the basis of Best of Four) is outlined in Annexure-I.
4. Last date of admission for undergraduate courses will be 16th August 2016\*.
5. The University reserves the right to initiate changes in the courses of study of the undergraduate courses.
6. The college will retain the certificates of approved candidate in order to avoid multiple admissions. The certificates will remain with the colleges during the admission process. However, the colleges shall promptly return the documents in case student withdraws/cancels the admission or student wishes to appear in counselling of any other university/ institute.
7. After this, the college will approve the admission on the UG admission portal. The candidate will then be required to log-on to the UG admission portal to make the online Admission Fee payment through one of the available online payment options. The approved candidate is permitted to make online admission fee payment till 12 noon of the next day of the given admission list deadline (see Section 2.3).
8. It may be noted that your admission in a college is completed only after payment of the online admission fee on the UG admission portal within the prescribed time-limit.
9. A candidate can take admission only in one course in one college at any given time. In case a student wishes to withdraw/cancel the admission in a course/college, the candidate should approach the college where the admission is taken. Only after the college cancels the admission of a candidate, the candidate can proceed to take admission in other courses/ colleges. Admission fee will be refunded to the candidate as per the College/University rules.
10. The colleges shall admit all the candidates who meet the announced cut-off criteria. The policy will not be “first come first served.”
11. The candidates who could not take admission in a given cut-off list can be considered for admission in the immediate next cut-off list only on the last date of admission, subject to availability of seats.
12. For Boards, like International Baccalaureate and others, whose results are declared late, candidates may be considered in whichever cut-off list their results are declared, subject to availability of seats and provided the candidate had completed the online registration process.
13. After five cut-off lists, the colleges will notify vacant seats course-wise and category-wise on the college and University websites. The registered candidates will be required to apply in the colleges/courses against vacant seats through the UG admission portal, using the subsequent procedure given in Section 2.4.
14. There shall not be any ‘Additional Eligibility Criterion’ for any category in any college/course. The candidates seeking admission under Sports category may check the Section 9.7.2 and Annexure-IV for further details.

## ADMISSION PROCESS AFTER FIFTH CUT-OFF LIST

**If the seats remain vacant after fifth cut-off list, the admission process, as listed in Section 2.4, shall be followed to fill vacant seats (<http://ug.du.ac.in>).**

Admission Schedule of Children/Widows of eligible Armed Forces personnel (CW) can be checked from the University bulletin.

Girl students shall be given a 1% relaxation in cut-off for admission to all courses.

# ANNEXURE I

Procedure for calculation of 'Best of Four' subjects percentage for Honours Courses (For admission to Arts/ Humanities Courses):

- One Language (Core/Elective/Functional)
- The subject in which admission is sought (If a candidate does not include the concerned subject whether studied or not in Best Four in which he/she is seeking admission in the honours course, then a disadvantage of 2.5% may be imposed on the calculated Best of Four percentage).
- Any two other academic/elective subjects as per List A. (If a candidate doesn't include the subjects given in List A in Best of Four, then a disadvantage of 2.5% in Best of Four for each subject may be imposed).

## List A

The following Discipline subjects offered by the University of Delhi for admission to undergraduate courses 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.

Physics	English	Italian	Punjabi
Arabic	French	Mathematics	Sanskrit
Bengali	Geography	Music#	Sociology
Botany	Geology	Persian	Spanish
Chemistry	German	Philosophy	Statistics
Commerce*	Hindi	Physical Education#	Urdu
Computer Science	History	Political Science	Zoology
Economics	Home Science	Psychology	

- \*Accountancy will be treated as equivalent to commerce wherever any board is not offering commerce as a subject.
- Biology/Biotechnology and Business Studies will be treated as academic/elective subjects.
- #Music, and #Physical Education will be treated as academic/elective only for Honours in Music and Physical Education, respectively.
- In case a candidate has studied both elective and core in any languages, then core language will be treated as language, while elective language can be considered as academic/elective subject.
- Admission to B.A. (Hons) Hindi Patrakarita and B.A. (Hons.) Journalism will be based on 'Best of Four' Percentage as in B.A. (Hons.) Hindi and B.A. (Hons.) English, respectively.
- Admission to B.A. (Hons.) Applied Psychology will be based on 'Best of Four' percentage as in B.A. (Hons.) Psychology.
- The subject 'Informatics Practices' will be equivalent to Computer Science for admission to B.Sc. (Hons.) Computer Science only.
- The candidates must have studied and passed Mathematics at the qualifying exam for admission to Honours in Economics and Commerce.
- Business Mathematics will be treated as equivalent to Mathematics for admission to B.Com (H)/ B.Com only.
  - For admission to Honours in any language course, advantage of 2% in the Best of Four percentage may be given to those candidates who have studied the elective language.
  - In case, a candidate has not studied the language at qualifying exam and is seeking admission to Honours in that language, he/she

may be given a disadvantage of 5% in Best of Four percentage.

- c. For admission to Honours in English and Hindi, the candidate must have studied and passed the respective language in the qualifying exam and has to be included for calculation of Best of Four percentage.

10. University may define any other relevant subjects as academic/elective for a particular Honours course.

*\*Note:- For further Clarification/ examples visit <http://www.du.ac.in>*

### Procedure for Calculation of 'Best of Four' subjects percentage for B.A. (Prog.)/B.Com (Prog.)

- a. One Language (Core/elective/Functional)
- b. Any three elective subjects can be chosen. A disadvantage of upto 5%\* on Best of Four percentage may be imposed if there is a change of stream.
- c. for admission to B.A. (Vocational) only, related

vocational subjects may be treated at par with academic/elective subjects.

- d. If a candidate opts for MIL (Except Hindi) as a subject, an advantage of up to 10% may be given in Best of Four in those colleges where MIL is offered as a subject.

\*The college will have to notify the actual deduction upto 5% before hand by uploading on their website and intimating the same to the University.

### Admission to Science Courses

The Basis of Selection for Mathematical Sciences/ Science/Home Science courses is listed in Section 5.3. All the subjects to be included for Basis of Selection (PCM/PCB/PCMB) 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 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.

\*For further clarification/examples refer to the College/ University admission bulletin/notification.



# REQUIREMENT FOR ADMISSION

## 1. Qualifying Examinations

Qualifying examinations for the purpose of admission to first year of undergraduate courses offered by the University shall be Senior Secondary School Certificate Examination (Class XII) of the Central Board of Secondary Education or an examination recognized as equivalent thereto.

Candidate seeking admission to the courses offered by the University should have passed the qualifying examination obtaining minimum marks as specified for each of the courses.

## 2. Age Requirement

There is no minimum age bar for admission to undergraduate courses in the University/colleges except in professional courses where regulatory body prescribes minimum age requirement (such as MCI, AICTE etc.) (Ordinance I).

Gap year(s) would be no bar for purposes of admission to the undergraduate courses.

## 3. Equivalence Criteria

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

That various degrees from Universities recognized by the Association of Indian Universities / University Grants Commission / Ministry of Human Resource Development or by any bilateral agreement be considered as equivalent to corresponding degrees of University of Delhi subject to the conditions that course duration is same as in Delhi University for purposes of determining eligibility for admission to various courses and further Departments / Colleges may be allowed to evolve procedure through their respective Admission Committees.

Senior School Certificate of various Boards recognized by Association of Indian Universities/Central Board of Secondary Education, be considered as equivalent to the Senior School Certificate of Central Board for purposes of eligibility to various Undergraduate Courses.

Students who pass various Degree/School Examination of Foreign Universities/Boards as have already been approved by the Equivalence Committee, from time to time, be

considered eligible as a matter of routine. The cases of only those candidates who do not fall in the list of Association of Indian Universities/University Grants Commission/ Ministry of Human Resource Development recognized accredited Boards/Universities shall be referred to the University on the basis of individual merit.

**The admission in any course shall not be granted on predicted scores.**

## 4. Gap Year

Students who have a gap in their education must bring the original documents such as admission slips, admit cards for any examination taken or certificates of courses attended in the gap period to be eligible for admission to the undergraduate course for which they qualify. Such students should meet the Convener of Admissions.

In such cases, candidate must submit:

- Affidavit from Court (Notary).
- Grade Conversion [As per AC Resolution No. 319, Dt. 22-3-1976], refer to the admission bulletin for further details.
- Recent Character Certificate from Class-I Gazetted Officer.

## Reservation of Seats

### 1. Schedule Caste/Schedule Tribe Candidates

- a. 22.5% of the total number of seats are reserved for candidates belonging to Scheduled Caste/ Scheduled Tribes (15% for Scheduled Caste and 7.5% for Scheduled Tribes, interchangeable, if necessary). However, if the seats remain unfilled, the same shall be left vacant.
- b. Relaxation to the extent of 5% in the minimum marks will be given to the candidates belonging to Scheduled Caste and Scheduled Tribes to determine their eligibility and merit for admission to the course concerned.
- c. In case, after giving 5% relaxation, the reserved seats still remain vacant, further relaxation would be given to the extent required in order to fill up all the reserved seats.(AC Resolution A88, 14.6.1983) (EC Resolution 157, 24121.2001).

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

## 2. Other Backward Classes

- a. 27% of seats are reserved for OBC students who belong to the Non-Creamy Layer and whose castes appear in the Central list of the OBC.
- b. The OBC certificate should clearly mention the Non-Creamy Layer status of the candidate. The candidates are required to bring the latest Family Income Certificate (Financial Year 2015-16) or Affidavit (from Class-I Magistrate) as the case may be ensuring Non-Creamy Layer.
- c. If the OBC certificate is in the name of the parent of the candidate at the time of the admission, the following will apply:
  - i. The candidate will have to submit a copy of receipt showing that he/she has applied for OBC Non-Creamy Layer Certificate in his/her own name.
  - ii. The candidate will have to provide an undertaking stating that he/she will submit the OBC Non-Creamy Layer Certificate in his/her own name before last date of admission.
- d. OBC candidates shall be given a relaxation to an extent of 10% of the minimum eligibility marks prescribed for General Category candidates. For example, if the minimum-eligibility for admission to a course is 50% for the General Category candidates, the minimum eligibility for the OBCs would be 45% i.e. (50% less 10% of 50%).
- e. If the seats meant for OBC remain vacant on the last date for admission, the same will be filled up by other eligible candidates.

*Note: The merit list for the general category seats will comprise of all the candidates in the order of merit. No one will be excluded from the same. In other words, it will also include SC/ST/OBC/PwD candidates (if they come in general merit). The candidate cannot be excluded from the general category merit list just because he belongs to SC/ST/OBC/PwD. Such a candidate is entitled to be considered under the general category, as well as under the reserved category. Admission to open category seats will be strictly in the order of merit without excluding SC/ST/OBC/PWD candidates.*

## 3. PwD/Armed Forces/Foreign Students/Sports\*

- a. 3% seats are reserved for candidates with physical disabilities with not less than 40% disabilities (1 % seats are for persons with low vision or blindness, 1% for hearing impaired, 1% for those with loco motor disabilities and or cerebral palsy).

*Note: Refer to the University's admission bulletin for regulations related to concession/waiver of fees regarding PWD.*

- b. 5% of the total seats are reserved for children/widows of personnel of the Armed Forces including Paramilitary Forces killed or disabled in action or while on duty.
- c. All foreign students, including those who have completed their schooling from an Indian Board may be treated as Foreign Students for the purpose of their registration / admission in various departments and Colleges of the University and they may be considered for admission under 5% quota prescribed for the foreign students.

## Registration of Kashmiri Migrants

(Refer to <http://ug.du.ac.in>)

1. A concession of maximum 10% in the last cut-off marks fixed for General category candidates shall be extended to the Kashmiri Migrants.
2. Admission of Wards of Kashmiri Migrants will be based on cut-offs to be announced by the Colleges.

(The candidates selected under special Scholarship Scheme for J&K will be admitted directly to colleges)

3. Not more than 5% sports quota (subject- wise) be continued. The College is free to decide the actual number of seats to be filled on sports basis (not more than 5%) keeping in view the facilities available, requirement of the College and other relevant factors.
4. \*Admission in these categories shall be made in accordance with guidelines issued by the University from time to time. For more details refer to Delhi University Website (<http://ug.du.ac.in>).

**\*The college does not offer ECA Quota as per the decision made by the SC.**

# MINIMUM PERCENTAGE OF MARKS REQUIREMENTS

## Arts / Commerce

S.No.	Courses	Minimum Percentage Required	Specific Requirements
1	B.A B.A (Vocational) B.Com	An aggregate of 40% marks in the qualifying examination.	The merit shall be determined on the basis of one language and three best elective subjects,
2	B.A (Hons.) B.Com (Hons.)	An aggregate of 45% marks in the qualifying examination	For B.A. (Hons) Course in Arabic, Bengali, Hindi, Sanskrit. Please refer item 3 below
3	B.A. (Hons.) Arabic, Hindi, Persian, Punjabi, Urdu, Sanskrit, Bengali	An aggregate of 45% marks in the qualifying examination. securing 40% marks in the aggregate and 50% marks in the subject concerned are also eligible for admission to the relevant Honours Course.	The merit shall be determined on the basis of one Candidates language and three best elective subjects. Candidates who have passed the intermediate Examination of an Indian University/ Board with at least 40% marks in the aggregate and also one of the following examinations given below on the left shall be eligible for admission to the respective subject of the Honours Course given below: Maulvi Fazil      Arabic Prabhakar        Hindi Munshi Fazil     Persian Gyani              Punjabi Abid Fazil        Urdu Shastri             Sanskrit

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

S.No.	Course	Requirements of subjects Studied and Passed	Minimum Eligibility Condition for Admission	Basis of Selection
1	Computer Science	Mathematics, one language and two other subjects listed as academic subjects.	a. Should have secured 60% or more marks in Mathematics b. 55% or more marks in aggregate of four subjects including Mathematics, one language and two other subjects listed as academic subjects by the respective Boards.	Selection will be made on the basis of best four academic subjects including Mathematics (only one language to be considered). The students who have studied Physics, Chemistry/ computer science and Mathematics will be given 5% additional weightage.
2	Mathematics, Statistics	50% marks in Mathematics and an aggregate of 45% marks in the qualifying examination.	The Merit shall be determined on the basis of one language, Mathematics under academic stream and two best elective subject.	

## Science Courses

S. No.	Course	Requirements of subjects Studies and Passed	Minimum Eligibility Condition for Admission	Basis of Selection
1	B.Sc. (Hons) Botany Zoology	Physics, Chemistry and Biology/ Bio -Tech	For courses mentioned under serial number 1 to 4 the minimum eligibility condition is 55% or more marks in the aggregate of 3 subjects as mentioned in column 3 (Practical & Theory together.	Selection will be made on the basis of marks in the aggregate of 3 Science subjects as mentioned in column 2 for each Honours Course.

2	B.Sc. (Hons.) Physics Chemistry	Physics, Chemistry and Mathematics	The overall percentage in 3 subjects in relevant column 3 should be 55% and one compulsory language should be 50%. Selection will be made on the basis of marks in the aggregate of 3 Science subjects as mentioned in column 2 for each Honours Course.
3	B.Sc. (Hons.) Bio-Chemistry	Physics, Chemistry, Mathematics and Biology/ Bio-Tech	55% or more marks in the aggregate of 4 subjects as mentioned in column 3 (Practical & Theory together and Passing in one compulsory language (i.e. English). The overall percentage in 4 subjects in relevant column 3 should be 55% and one compulsory language should be 50%. Selection will be made on the basis of marks in the aggregate of 4 Sciences subjects as mentioned in column 2.
4	B.Sc (Mathematical Sciences)	An aggregate of 40% marks in the qualifying examination.	The Merit shall be determined on the basis of one language, Mathematics under academic stream and two best elective subject.
5	B.Sc. Physical Science, B.Sc. Life Science	Physics, Chemistry/ Computer Science, Mathematics  Physics, Chemistry, Biology/ Biotechnology	45% or more marks in the aggregate of 3 subjects as mentioned in column 3 (Practical & Theory together) and passing in one compulsory language (i.e. English). The overall percentage in 3 subjects in relevant column 3 should be 45% and one compulsory language should be 40%. Selection will be made on the basis of marks in the aggregate of 3 Science subjects as mentioned in column 2.

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

## Rechecking/Revaluation

The College shall consider admission of the candidates whose marks get increased in the process of rechecking/revaluation by their respective boards within the prescribed period of admission provided that such a candidate fulfils the other eligibility conditions laid down for admission.

## M.A. Admission\*

The College admits the students to M.A. courses in Hindi, Political Science and Sanskrit. Candidates will be registered by the University for admission to these courses. Application for M.A. courses will be received by the college immediately after the University issues the list of candidates selected for admission.

**\*Visit <http://du.ac.in> for further details.**

## SPORTS ADMISSION

Sports admission for the academic session 2016-17 will be done strictly as per Delhi University guidelines. Students are required to follow the procedure as laid out by the University of Delhi in this regard. They can refer to the Admission Bulletin 2016-17 uploaded on the university's website for details ([http://ug.du.ac.in/site\\_files/UG\\_Bulletin.pdf](http://ug.du.ac.in/site_files/UG_Bulletin.pdf)).

The College offers admission in below listed games against the positions specified alongside:

Name Of Sports/Games	Position/Event
Cricket (Men)	Wicket Keeper, Batsman, Bowler, All Rounder
Football (Men)	Goal Keeper, Striker, Defence, Mid Half
Volleyball (Women)	Attacker, Center Blocker, Libero, Lifter
Basketball (Women)	Post-Guard, High Post, Center
Chess (Men, Women)	----
Table Tennis (Men, Women)	----
Tennis (Women)	----

*#All original certificates (academic as well as sports) are to be brought at the time of admission.*

*#Students are required to check College Website and Sports Notice Board regularly for updates regarding admission related information.*

**\*Note: The College is governed under the RTI Act, 2005.**

# FEE STRUCTURE FOR THE ACADEMIC YEAR 2016-17

S. No.	Fee Heads	COURSES					
		B.A.(Hons) English, Economics, Hindi, History, Pol Science, Sanskrit, B.A.(Prog) & B.Com (Prog)	B.Com (Hons)	B.A.(Hons) Geography	B.Sc (Hons) Botany, Zoology, Physics, Chemistry, Maths & B.Sc. Prog)	B.Sc. (Hons) Biochem.	M.A.Hindi, Pol Sci & Skt.
	<b>COLLEGE FEE</b>						
1	Magazine Charges	100.00	100.00	100.00	100.00	100.00	100.00
2	Identity Card Fee	100.00	100.00	100.00	100.00	100.00	100.00
3	Electricity Charges	300.00	300.00	300.00	300.00	300.00	300.00
4	Water Charges	280.00	280.00	280.00	280.00	280.00	280.00
5	P.A.S.H	50.00	50.00	50.00	50.00	50.00	50.00
6	Admission Fee	50.00	50.00	50.00	50.00	50.00	50.00
7	Tuition Fee	180.00	180.00	180.00	180.00	180.00	220.00
8	Laboratory Fee (For Science Students)	-	-	-	120.00	120.00	-
9	Lab. Maintenance Charges	-	-	2,000.00	2,000.00	3,000.00	-
10	Computer Maintenance Fee	-	1,000.00	-	1,000.00	1,000.00	-
11	Amenities charges	2,000.00	2,000.00	2,000.00	2,000.00	2,000.00	2,000.00
12	Development Maintenance Charges	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00
13	Garden Maintenance Charges	500.00	500.00	500.00	500.00	500.00	500.00
14	Library Fee	2,000.00	2,000.00	2,000.00	2,000.00	2,000.00	2,000.00
15	Sports Fee	300.00	300.00	300.00	300.00	300.00	300.00
16	Academic Societies Fee	500.00	500.00	500.00	500.00	500.00	500.00
17	College Students' Union Fee	100.00	100.00	100.00	100.00	100.00	100.00
18	Alumni Fee	100.00	100.00	100.00	100.00	100.00	100.00
19	Students' Aid Fund	100.00	100.00	100.00	100.00	100.00	100.00
20	Medical Charges	120.00	120.00	120.00	120.00	120.00	120.00
21	Web Maintenance Charges	200.00	200.00	200.00	200.00	200.00	200.00
22	Cultural Activities Fee	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00
23	Women Development Cell	500.00	500.00	500.00	500.00	500.00	500.00
24	Eco Club	100.00	100.00	100.00	100.00	100.00	100.00
25	NCC Fee	100.00	100.00	100.00	100.00	100.00	100.00
26	NSS Fee	100.00	100.00	100.00	100.00	100.00	100.00
27	Counselor Fee	100.00	100.00	100.00	100.00	100.00	100.00
28	Insurance Fee	100.00	100.00	100.00	100.00	100.00	100.00
29	Orientation Fee	500.00	500.00	500.00	500.00	500.00	500.00
30	Annual Day Fee	500.00	500.00	500.00	500.00	500.00	500.00
31	Career Placement Fee	500.00	500.00	500.00	500.00	500.00	500.00
32	Security Deposit (Refundable)	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00

S. No.	Fee Heads	B.A.(Hons) English, Economics, Hindi, History, Pol Science, Sanskrit, B.A.(Prog) & B.Com (Prog)	B.Com (Hons)	B.A. (Hons) Geography	B.Sc (Hons) Botany, Zoology, Physics, Chemistry, Maths & B.Sc. (Prog)	B.Sc. (Hons) Biochem.	M.A. Hindi, Pol Sci & Skt.
<b>ANNUAL FEE OF UNIVERSITY</b>							
33	Enrolment Fee (one Time)	200.00	200.00	200.00	200.00	200.00	200.00
34	Athletics Association Fee	50.00	50.00	50.00	50.00	50.00	50.00
35	Student's Union Fee (DUSU)	20.00	20.00	20.00	20.00	20.00	20.00
36	World University Service (W.U.S)	5.00	5.00	5.00	5.00	5.00	5.00
37	University Development Fund	300.00	300.00	300.00	300.00	300.00	300.00
38	N.S.S. Fee	20.00	20.00	20.00	20.00	20.00	20.00
39	Culture Council (D.U.)	5.00	5.00	5.00	5.00	5.00	5.00
40	Library Security for P.G	-	-	-	-	-	1,000.00
41	Library Development Fund for PG	-	-	-	-	-	200.00
	<b>TOTAL</b>	<b>15,080.00</b>	<b>16,080.00</b>	<b>17,080.00</b>	<b>18,200.00</b>	<b>19,200.00</b>	<b>16,320.00</b>

- Students are required to deposit the Examination Fee for Sememster I and II at the time of admission.
- Univeraity has made provision for Concession/Waiver of fees in respect of Persons with Physical Disabilities (PWD) For details refer to University Bullerin or DU website(www.du.ac.in).
- College grants fee concession to the students and the process is initiated after the admissions. Students belonging to (EWS) Category are required to produce their BPL Card etc. with the application.**

### EXAMINATION FEE OF THE ACADEMIC YEAR 2016-17

S.No.	Course	Year	Semester-I	Semester-II	Total
1	B.Sc.(H) Mathematics	Ist	710	710	1420
2	B.Com.(H)	Ist	710	510	1220
3	B.Com.	Ist	710	510	1220
4	B.A.(P)	Ist	510	510	1020
5	B.A.(H) English	Ist	510	510	1020
6	B.A.(H) Sanskrit	Ist	510	510	1020
7	B.Sc. Phy. Sci. with Chemistry	Ist	1110	1110	2220
8	B.A.(H) History	Ist	510	510	1020
9	B.A.(H) Economics	Ist	510	510	1020
10	B.A.(H) Hindi	Ist	510	510	1020
11	B.A.(H) Geography	Ist	710	710	1420
12	B.A.(H) Pol. Sci.	Ist	510	510	1020
13	B.A.(H) Bus. Eco.	Ist	910	910	1820
14	B.Sc.(H) Zoology	Ist	1110	1110	2220
15	B.Sc.(H) Botany	Ist	1110	1110	2220
16	B.Sc.(H) Physics	Ist	1110	1110	2220
17	B.Sc.(H) Bio-Chemistry	Ist	1110	1110	2220
18	B.Sc.(H) Chemistry	Ist	1110	1110	2220
19	B.Sc. Phy. Sci. with Comp. Sci	Ist	910	910	1820
20	B.Sc. Life Sci.	Ist	1110	1110	2220
21	M.A. Pol. Sci	Ist	710	710	1420
22	M.A. Hindi	Ist	710	710	1420
23	M.A. Sanskrit	Ist	710	710	1420

# IDENTITY CARD

Students are issued an Identity Card which they are expected to produce whenever demanded. I-Cards can be collected at the beginning of the new session. It must be surrendered at the time of leaving the college. In case of loss/theft of the original Identity card, a duplicate card can be obtained on a payment of Rs. 100/-. An FIR should also be lodged at a Police Station reporting the same.

Reasons for seeking refund		Quantum of fee to be refunded
1	When a student applies for withdrawal of admission before last day of admission	Full fee after deduction of Rs 250/-
2	When a student applies after last day of admission and on or before 31st July	Full fee after deduction of Rs 500/-
3	When a student applies for withdrawal after 31st July and on or before 16th August	Full fee after deduction of Rs 1000/-
4	When a student applies for withdrawal after 16th August	Only Security will be refunded
5	When cancellation of admission is due to concealment/falsification of facts, submission for false/fake certificate(s), providing misleading information by the student or for any error/mistake on the part of the student.	Only Security will be refunded

## Refund of Fee on Withdrawal/Cancellation of Admission, Migration etc.

### Withdrawal from the College

1. Students who want to leave the college will be issued a college leaving certificate on production of a clearance slip from the Librarian, the NCC officer, the DPE, the Cashier and the Teacher In-charge and the Science Labs (for Science students), to the effect that he/she owns nothing to the college.
2. Fee will be refunded after one month.
3. Students who wish to withdraw their registration should encash the cheque within three months of its date of issue. The college will take no responsibility in case of cheque getting invalid after 3 months of its issue.

### Security Retention Period

Security retention period is only for two years after passing out the course or leaving the course in between for whatever reason.



# ADMISSION COMMITTEE

**Admission Convenor:**

Dr. Anita Kapur

**Co-Convenor:**

Dr. Surbhi Madaan

Mr. Ramesh Kumar Malik

Dr. Renu Baweja

**Admission In-charge**

1. **B.A. (Programme)**

Ms. Nishtha Srivastava

Dr. Rajender Singh (Geography)

Dr. Sukhram (Sanskrit)

2. **B.Sc. (Programme)**

a) Life Science:

Dr. Prabhavati

Ms. Nimita Kant

b) Physical Science:

Dr. Manju Banerjee

Dr. Promila Mathur

c) Physical Science with Computers:

Ms. Preeti Sharma

3. **B.Com. Programme:**

Dr. Rabinarayan Samantara

4. **Honours Courses:**

All Teachers-In-charge will do the admission for their respective departments. (The list is given on the last page.)\*

5. **General Counselling:**

Dr. Dharam Vir Chhikara (Convenor)

Dr. Anil Aggarwal

Dr. Vandana Rajpal

Dr. P.K.Sahu

6. **Grievance Cell:**

Dr. Usha Kant Chaturvedi (Convenor)

Ms. Preeti

Dr. Manjula Singh

Dr. Chakpram Priyanka

Dr. Poonam Singh

Mr. Manish Kumar Meena

Ms. Khurshid Khan

7. **North-East Counseling Committee:**

Ms. Siamlianvung Hangzo

Ms. L. Gitarani Devi

Dr. Chakpram Priyanka

8. **SC, ST & OBC Counselling:**

Dr. Krishna Ram (Convenor)

Dr. Jayitha Thakur

Dr. Chakpram Priyanka

Dr. Misha Yadav

Dr. Jitender Singh

9. **PWD Counselling:**

Dr. Vikas Sharma (Convenor)

Dr. Rajneesh

Dr. Ramesh Malik

Ms. Gunjan Kumari

10. **Anti Ragging Committee + Anti Ragging Squad**

Dr. Tejbir Singh Rana (Convenor)

Dr. Bhaskar Mohan Kandpal

Ms. Siamlianvung Hangzo

Dr. Manish Kumar Sachdeva

# OUTLINE OF CHOICE BASED CREDIT SYSTEM

1. **Core Course:** A course, which should compulsorily be studied by a candidate as a core requirement is termed as a Core course.
2. **Elective Course:** Generally a course which can be chosen from a pool of courses and which may be very specific or specialized or advanced or supportive to the discipline/ subject of study or which provides an extended scope or which enables an exposure to some other discipline/subject/domain or nurtures the candidate's proficiency/skill is called an Elective Course.
  - 2.1 **Discipline Specific Elective (DSE) Course:** Elective courses may be offered by the main discipline/subject of study is referred to as Discipline Specific Elective. The University/Institute may also offer discipline related Elective courses of interdisciplinary nature (to be offered by main discipline/subject of study).
  - 2.2 **Dissertation/Project:** An elective course designed to acquire special/advanced knowledge, such as supplement study/support study to a project work, and a candidate studies such a course on his own with an advisory support by a teacher/faculty member is called dissertation/project.
  - 2.3 **Generic Elective (GE) Course:** An elective course chosen generally from an unrelated discipline/subject, with an intention to seek exposure is called a Generic Elective.

P.S.: A core course offered in a discipline/subject may be treated as an elective by other discipline/subject and vice versa and such electives may also be referred to as Generic Elective.
3. **Ability Enhancement Courses (AEC):** The Ability Enhancement (AE) Courses may be of two kinds: Ability Enhancement Compulsory Courses (AECC) and Skill Enhancement Courses (SEC). "AECC" courses are the courses based upon the content that leads to Knowledge enhancement; i. Environmental Science and ii. English/MIL Communication.

These are mandatory for all disciplines. SEC courses are value-based and/or skill-based and are aimed at providing hands-on-training, competencies, skills, etc.

  - 3.1 **Ability Enhancement Compulsory Courses (AECC):** Environmental Science, English Communication MIL Communication.
  - 3.2 **Skill Enhancement Courses (SEC):** These courses may be chosen from a pool of courses designed to provide value-based and/or skill-based knowledge.

## Abbreviations as given in the course structure layout for various departments:

C*	Core Course
AECC*	Ability Enhancement Compulsory Course
SEC*	Skill Enhancement Course
DSE*	Discipline Specific Elective

**Note: All the Departments are allowed to offer only one Generic Elective (G.E.) Course in a given Semester.**

## B.A. PROGRAMME

The college offers the B.A. (Prog.) course under CBCS Scheme with the following subjects/paper combinations according to the bifurcation of the total number of sanctioned strength.

Subject	DSC 1-A	DSC 2-A	Section
Political Science	45	45	2
History	40	40	2
Economics	25	20	1
Geography	25	20	1
English	25	20	1
Hindi	25	20	1
Sociology		20	1
<b>Total</b>	<b>185</b>	<b>185</b>	

### B.A./B.Com.Programme (Structure as per CBCS Scheme)

	CORE COURSE (12)	Ability Enhancement Compulsory Course (AECC) (2)	Skill Enhancement Course (SEC) (2)	Discipline Specific Elective DSE (4)	Generic Elective GE (2)
I	English/MIL-1	(English/MIL Communication) / Environmental Science			
	DSC-1 A				
	DSC-2 A				
II	Mil/English-1	Environmental Science/(English/MIL Communication)			
	DSC-1 B				
	DSC-2 B				
III	English/MIL-2		SEC-1		
	DSC-1 C				
	DSC-2 C				
IV	MIL/English-2		SEC-2		
	DSC-1 D				
	DSC-2 D				
V			SEC-3	DSE-1 A	GE-1
				DSE-2 A	
VI			SEC-4	DSE-1 B	GE-2
				DSE-2 B	

# DEPARTMENT OF ECONOMICS

The Department of Economics aims at upholding the cognitive aspect of education by ensuring academic excellence and intellectual growth of its students. The department lays prime focus on academics interspersed with co-curricular and extra-curricular activities that brings versatility of its students to the fore and gives them a sound sense of perspective. The academic result of this course has been noteworthy. Besides performing well in annual examinations every year, a good proportion of the students studying at Shivaji College get admissions at post graduate level in prestigious institutions like Delhi School of Economics and various reputed business schools.

## Faculty

Ms. Anshu Chopra M.A., M.Phil.    Dr. Krishna Ram M.A., M.Phil., M.Sc. Economics, Ph.D.  
 Ms. Mamta Datt M.A., M.Phil.    Mr. Sumeet Singh Raheja M.A., M.Sc. (Economics and Econometrics), M.Phil.  
 Ms. Iti Dandona M.A., M.Phil.    Ms. Shivani Gupta M.A., M.Phil.  
 Dr. Reetika Rana M.A., M.Phil.,    Ms. Bhumika Bhavnani M.A., M.Phil.  
 M.Sc. Economics (Finance), Ph.D.

## Academic Calendar

September to October 2016	Workshop/Seminar, Academic Tour
March, 2017	Pareto (Department Festival)

Semester 1	Semester 2	Semester 3	Semester 4	Semester 5	Semester 6
C-1.* Introductory Microeconomics	C-3. Introductory Macroeconomics	C-5. Intermediate Microeconomics-I	C-8. Intermediate Microeconomics-II	C-11. Indian Economy-I	C-13. Indian Economy-II
C-2. Mathematical methods for Economics-I	C-4. Mathematical methods for Economics-II	C-6. Intermediate Macroeconomics-I	C-9. Intermediate Macroeconomics-II	C-12. Development Economics-I	C-14. Development Economics-II
		C-7. Statistical Methods for Economics-I	C-10. Introductory Econometrics		
AECC* English/HINDI (MIL) or EVS	AECC EVS or English/HINDI (MIL)	SEC-1* Financial Economics	SEC-2 Data Analysis	DSE-1* (From list of Group - I)	DSE-3 (From list of Group - II)
GE-1. (Options offered by other departments)*	GE-2. (Options offered by other departments)*	GE-3. (Options offered by other departments)*	GE-4. (Options offered by other departments)*	DSE-2 (From list of Group-I)	DSE-4 (From list of Group - II)

*GE - Generic Elective	These papers are offered by the Dept. of Economics to the students of other streams		
GE-1.	GE-2.	GE-3. (Options Offered)*	GE-4. (Options Offered)*
Introductory Microeconomics	Introductory Macroeconomics	A. Indian Economy-I	A. Indian Economy-II
		B. Money and Banking	B. Economics History of India 1857-1947
		C. Environmental Economics	C. Public Finance
		*(Any One)	*(Any One)

# DEPARTMENT OF BUSINESS ECONOMICS

B. A. (H) Business Economics is a self-financing course designed to meet the growing need for an analytical and quantitative approach to problem solving in changing corporate world. It is a highly sought after course in the university as the admission is conducted through a centralized entrance exam by the parent department at the university level.

The department organizes a number of activities like seminars and industrial visits on a regular basis. Our placement session witnesses eminent companies like JP Morgan, Boston Consulting Group, Mercer, S&P Capital IQ, American Express, Royal Bank of Scotland, AON Hewitt, Egon Zehnder, Protiviti, Emeri price, Genpact, TCS extending good offers to our students. A graduate in business Economics can pursue prestigious courses like MBE, MFC, M.A. (Economics), M.Com. , M.B.A from various universities and institutes of higher education.

## Faculty

Ms. Urvashi Sahitya, M.Com., PGDBM, M.Phil  
Ms Parul Behl, M.Com.

Ms. Priya Saxena, M.A.(Eco.)  
Mr. Pankaj Khandelwal, M.A.(Eco.)

Semester 1	Semester 2	Semester 3	Semester 4	Semester 5	Semester 6
C-1.* Microeconomics and Applications- I	C-3. Microeconomics and Applications - II	C-5. Macroeconomics and Applications – I	C-8. Macroeconomics and Applications – II	C-11. Quantitative Techniques for Management	C-13. International Economics
C-2. Accounting for Managers	C-4. Mathematics for Business Economics	C-6. Statistics for Business Economics	C-9. Basic Econometrics	C-12. Organization Behavior	C-14. Legal Aspects of Business
		C-7. Corporate Finance	C-10. Marketing Management		
AECC* English/HINDI (MIL) or EVS	AECC EVS or English/HINDI (MIL)	SEC-1* Entrepreneurial Skills	SEC-2 Data Base and Statistical Packages	DSE-1* Indian Economy	DSE-3 Economic Growth & Development
				DSE-2 Advertising & Consumer Behaviour	DSE-4 Investment and Risk Management
GE-1. (Options Offered by other departments)*	GE-2. (Options Offered by other departments)*	GE-3. (Options Offered by other departments)*	GE-4. (Options Offered by other departments)*		

*GE - Generic Elective	These papers are offered by the department to the students of other streams		
GE-1.	GE-2.	GE-3.	GE-4.
A. Microeconomics	A. Macroeconomics	A. Microeconomics	A. Macroeconomics
B. Introduction to Marketing Management	B. Fundamentals of Finance and its Applications	B. Introduction to Marketing Management	B. Fundamentals of Finance and its Applications
*(Any One)	*(Any One)	*(Any One)	*(Any One)

# DEPARTMENT OF ENGLISH

English honours is one of the most popular and much sought after courses in the university. The Department of English at Shivaji College is vibrant and enthusiastic and it aims at sensitizing students and reshaping their ideological perspective. The pedagogical method employed by the faculty functions with the purpose of liberating learning and knowledge from the bounds of restricted model of text book teaching. Apart from the routine classroom teaching, the English Literary Society puts to test the skills and knowledge by organizing paper presentations, creative writing competitions, poetry recitation, and quiz competitions. To facilitate a better understanding of certain historical periods and events that form the contextual background of texts, the faculty also arranges screening of various cinematic adaptations of texts prescribed in the course or of other relevant texts.

## Faculty

Dr. Poonam Singh, M.A., Ph.D.

Ms Sonali Garg, M.A., M.Phil.

Ms. Anjali Raman, M.A., M.Phil.

Ms. Siamlianvung Hangzo, M.A., M.Phil.

Ms. Ritu Madan, M.A., M.Phil.

Ms. Leisangthem Giatarani Devi, M.A., M.Phil.

Dr. Priyanka Chakpram, M.A., M.Phil., Ph.D.

Ms. Preeti, M.A., M.Phil.

Dr. Varun Gulati, M.A., Ph.D

Dr. Divya Madaan, M.A., Ph.D.

Ms. Gunjan Kumari, M.A., M. Phil.

## Academic Calender 2016-17

Department Quiz	September 2016
Department Excursion	Mid Semester Break, October 2016 <b>**Subject to last minute cancellation**</b>
Department Picnic	January-February 2017
National Seminar	February-March 2017

Semester 1	Semester 2	Semester 3	Semester 4	Semester 5	Semester 6
Indian Classical Literature	Indian Writing in English	American Literature	British Literature 18th Century	Women's Writing	Modern European Drama
European Classical Literature	British Poetry and Drama: 14th to 17th Centuries	Popular Literature	British Romantic Literature	British Literature: The Early 20th Century	Postcolonial Literature
		British Poetry and Drama: 17th and 18th Centuries	British Literature 19th Century		
AECC* English/HINDI (MIL) or EVS	AECC EVS or English/HINDI (MIL)	SEC-1* Creative Writing	SEC-2 Translation Studies	DSE-1* Partition Literature	DSE-3 Literary Theory
		Business Communication (2 options Compulsory)	Technical Writing (2 options Compulsory)	DSE-2 Modern Indian Writing in English Translation	DSE-4 Literature of the Indian Diaspora
GE-1. (Options offered by other departments)*	GE-2. (Options offered by other departments)*	GE-3. (Options offered by other departments)*	GE-4. (Options offered by other departments)*		

<b>*GE - Generic Elective</b>	<b>These papers are offered by the department to the students of other streams</b>		
GE-1.	GE-2.	GE-3.	GE-4.
Academic Writing and Composition	Language, Literature and Culture	Readings on Indian Diversities and Literary Movements	Contemporary India: Women and Empowerment

# DEPARTMENT OF GEOGRAPHY

Shivaji College is one of the few colleges in the University of Delhi to offer an undergraduate course in Geography. Our students have excelled not only in academics but also in co-curricular activities at the University level. The department also conducts excursion trips to enable students to study physical and human aspects of the discipline in the field. We have a well-equipped Cartographic laboratory and a small library has also been established for the students to have an easy access to the study material otherwise not available readily in the field. Students of the department have been absorbed in diverse fields including academics, civil services, management, defence forces, planning, tourism, demography, forestry, environmental studies, gis and remote sensing institutions.

## Faculty

Dr. B.S. Dahiya, M. A., M.Phil., Ph.D.

Dr.Lalita Rana, M.A., M.Phil., Ph.D.

Dr. D.V. Chhikara, M.A., Ph.D.

Dr. Tejbir Singh Rana, M.A., M.Phil., Ph.D.

Dr.Surender Singh, M.A., Ph.D.

Dr, Preeti Tewari, M.A., M.Phil., Ph.D.

Dr. Rajender Singh M.A., M.Phil., Ph.D.

Dr. Prabuddh Mishra M.A., M.Phil., Ph.D.

## Academic Calendar

August to October 2016	Pictionary, Debate Competition, Map Pointer
January to February 2017	Quiz Contest, Local Excursion Extempore Speech Competition
March 2017	Shivalik

Semester 1	Semester 2	Semester 3	Semester 4	Semester 5	Semester 6
C-1.* Geomorphology	C-3. Human Geography	C-5. Climatology	C-8. Economic Geography	C-11. Regional Planning and Development	C-13. Evolution of Geographical Thought
C-2. Cartographic Techniques (Practical)	C-4. Thematic Cartography (Practical)	C-6. Statistical Methods in Geography (Practical)	C-9. Environmental Geography	C-12. Remote Sensing and GIS (Practical)	C-14. Disaster Management based Project Work (Practical)
		C-7. Geography of India	C-10. Field Work and Research Methodology (Practical)		
AECC* English/HINDI (MIL) or EVS	AECC EVS or English/ HINDI (MIL)	SEC-1* Remote Sensing (Practical) Or Advanced Spatial Statistical Techniques	SEC-2 Geographical Information System (Practical) Or Research Methods (Practical)	DSE-1* Population Geography or Resource Geography	DSE-3 Geography of Health and Wellbeing Or Political Geography
				DSE-2Urban Geography or Agricultural Geography	DSE-4 Hydrology and Oceanography or Social Geography
GE-1. (Options offered by other departments)*	GE-2. (Options offered by other departments)*	GE-3. (Options offered by other departments)*	GE-4. (Options offered by other departments)*		

<b>*GE - Generic Elective</b>				<b>These papers are offered by the department to the students of other streams</b>			
GE-1. (Options Offered)*	GE-2. (Options Offered)*	GE-3. (Options Offered)*	GE-4. (Options Offered)*				
A. Disaster Management	A. Spatial Information Technology	A. Climate Change: Vulnerability and Adaptation	A. Industrial Geography				
B. Geography of Tourism	B. Regional Development	B. Rural Development	B. Sustainable Development				
*(Any One)	*(Any One)	*(Any One)	*(Any One)				

# हिन्दी विभाग

हिन्दी विभाग स्नातक स्तर पर बी.ए. ऑनर्स (हिंदी) और स्नातकोत्तर पाठ्यक्रम का संचालन करता है, जिसमें हिंदी को रोजगारोन्मुख परिप्रेक्ष्य में पढ़ाने पर बल दिया जाता है। इस पाठ्यक्रम के अध्ययन से छात्रों को रंगमंच, अनुवाद, पत्रकारिता एवं मीडिया के क्षेत्र में आगे बढ़ने में मदद मिलती है। बी.ए. ऑनर्स (हिंदी) में स्नातक की उपाधि प्राप्त करने से छात्र पत्रकारिता, मीडिया, अनुवाद, नाटक एवं रंगमंच और सिनेमा जगत में अवसरों के लिये लाभांशित होते हैं। हिंदी साहित्य के अध्ययन से छात्र समाजोन्मुख और संवेदनशील तो बनता ही है साथ ही उसके व्यक्तित्व और चरित्र निर्माण में भी यह पाठ्यक्रम महत्वपूर्ण भूमिका निभाता है।

## Faculty

Dr. Usha Kanta Chaturvedi, M.A., M.Phil., Ph.D.

Dr. Vikas Sharma, M.A., M.Phil., Ph.D.

Dr. Sarvesh Kr. Dubey M.A., M.Phil., Ph.D.

Dr. Jyoti Sharma, M.A., M.Phil., Ph.D.

Dr. Ruchira Dhingra, M.A., M.Phil., Ph.D.

Dr. Darshan Pandey, M.A., M.Phil., Ph.D.

Dr. Virender Bhardwaj, M.A., M.Phil., Ph.D.

Ms Raj Kumari, M.A., M.Phil.

## Academic Calender

सितम्बर से अक्टूबर 2016 | पाठ्यक्रम से संबंधित विषय पर संगोष्ठी, एक दिवसीय शैक्षणिक भ्रमण।  
जनवरी से फरवरी 2017 | रचनात्मक लेखन की व्यावसायिक उपयोगिता विषय पर एक दिवसीय कार्यशाला, साहित्य संगम द्वारा आयोजित कार्यक्रम के तहत संगोष्ठी, कवि सम्मेलन/नाट्य प्रस्तुति/फ़िल्म स्क्रीनिंग एवं विभिन्न छात्र प्रतियोगिताएं।

Semester 1	Semester 2	Semester 3	Semester 4	Semester 5	Semester 6
हिंदी भाषा और उसकी लिपि का इतिहास	हिंदी साहित्य का साहित्य (आदिकाल एवं मध्यकाल)	हिंदी साहित्य का इतिहास (आधुनिक काल)	भारतीय काव्यशास्त्र	पाश्चात्य काव्यशास्त्र	हिंदी आलोचना
हिंदी कविता (आदिकाल एवं भक्तिकालीन)	हिंदी कविता (शैतिकालीन काव्य)	हिंदी कविता (आधुनिक काल छायावाद तक)	हिंदी कविता (छायावाद के बाद)	हिंदी नाटक/एकांकी	हिंदी निबंध और अन्य गद्य विधाएँ
		हिंदी कहानी	हिंदी उपन्यास		
AECC (ENGLISH/HINDI/MIL OR EVS) आधुनिक भारतीय भाषा संप्रेषण/अंग्रेजी अथवा पर्यावरण विज्ञान	AECC (EVS OR ENGLISH HINDI/MIL) पर्यावरण विज्ञान अथवा आधुनिक भारतीय भाषा संप्रेषण/अंग्रेजी	SEC-1* विज्ञापन और हिंदी भाषा /कम्प्यूटर और हिंदी भाषा / सोशल मीडिया / अनुवाद कौशल	SEC-2 कार्यालयी हिंदी/भाषायी दक्षता समझ और संभाषण/भाषा और समाज	DSE-1* हिंदी की मौखिक और लोक साहित्य परंपरा अथवा अस्मितामूलक विमर्श और हिंदी साहित्य अथवा भारतीय एवं पाश्चात्य रंगमंच सिद्धांत	DSE-3 लोकनाट्य अथवा हिंदी की भाषिक विविधताएँ अथवा भारतीय साहित्य पाठपरक अध्ययन
				DSE-2 हिंदी भाषा का व्यावहारिक व्याकरण अथवा कोश विज्ञान शब्दकोश और विश्वकोश अथवा भारतीय साहित्य की संक्षिप्त रूपरेखा	DSE-4 शोध प्रविधि अथवा अवधारणात्मक साहित्यिक पद अथवा हिंदी रंगमंच
GE-1. (Options offered by other departments)*	GE-2. (Options offered by other departments)*	GE-3. (Options offered by other departments)*	GE-4. (Options offered by other departments)*		

*GE - Generic Elective	These papers are offered by the department to the students of other streams		
GE-1. (Options Offered)*	GE-2. (Options Offered)*	GE-3. (Options Offered)*	GE-4. (Options Offered)*
(क) लोकप्रिय साहित्य	(क) रचनात्मक लेखन	(क) हिंदी में व्यावहारिक अनुवाद	(क) हिंदी का वैश्विक परिदृश्य
(ख) हिंदी सिनेमा और उसका अध्ययन	(ख) पटकथा एवं संवाद लेखन	(ख) भाषा और समाज	(ख) भाषा शिक्षण
*(Any One)	*(Any One)	*(Any One)	*(Any One)

# DEPARTMENT OF HISTORY

History is one of the foremost disciplines in academia. The syllabus includes a heterogeneous mix of papers from the history of the emergence and development of humans and their cultures to the processes and structures that evolved in several parts of the world over different periods of time and space. Members of the faculty specialize in disparate areas of research. It is the endeavour of the Department to help students enhance their abilities to excel in their chosen fields. Students are therefore also exposed to activities outside of the classroom such as seminars, paper-readings, quiz competitions, movies on historical and environmental issues, excursions to museums and heritage walks.

## Faculty

Ms. Khurshid Khan, M.A., M.Phil.,

Mr. Mukesh Kumar Singh, M.A. M.Phil.

Dr. AmarjivaLochan, M.A., M.Phil., Ph.D.

Ms. NishthaSrivastava, M.A., M.Phil

Dr. ShamaMitraChenoy, M.A., M. Phil., Ph.D

## Academic Calender

October to November 2016	Museum Tour, Heritage Walk
January to March 2017	Student related activities (Painting, Quiz), Two days Seminar, Department trip to Historical Sites

Semester 1	Semester 2	Semester 3	Semester 4	Semester 5	Semester 6
History of India-I Paper code-12311102	History of India-II Paper code-12311202	History of India-III (c. 750-1206)	Rise of Modern West -II	History of Modern Europe- I (c. 1780-1939)	History of India-VIII (c. 1857-1950)
Social Formattions and Cultural Patterns of the Ancient World. Paper code-12311101	Social Formations and Cultural Patterns of the Medieval World. Paper code-12311201	Rise of Modern West-I	History of India-V (c. 1550-1605)	History of India-VII (c. 1605-1750)	History of Modern Europe- II (1780-1939)
		History of India IV (c.1206-1550)	History of India-VI (c. 1750-1857)		
AECC* English/HINDI (MIL) or EVS)	AECC EVS or English/HINDI (MIL)	SEC-1* Understanding Heritage	SEC-2 Understanding Popular Culture	DSE-1* History Of United States Of America -I(C. 1776 -1945)	DSE-3 History Of United States Of America -II(C. 1776 - 1945)
				DSE-2 History of Modern East Asia-I(c.1840-1919)	DSE-4 History of Modern East Asia-II (c. 1868-1945)
GE-1. (Options offered by other departments)*	GE-2. (Options offered by other departments)*	GE-3. (Options offered by other departments)*	GE-4. (Options offered by other departments)*		

*GE - Generic Elective		These papers are offered by the department to the students of other streams			
GE-1. (Options Offered)*	GE-2. (Options Offered)*	GE-3. (Options Offered)*	GE-4. (Options Offered)*t		
Environmental Issues In India	Delhi: Ancient	Delhi: Medieval	Delhi: Modern		

# DEPARTMENT OF POLITICAL SCIENCE

The course is designed to equip the students with the foundations of the subject opening channels for them to pursue higher studies as well as opt for competitive exams. The department has experienced faculty members with distinguished academic records. The department organizes activities such as educational tours and debates and contests at regular intervals. 'The Democrats' students' Society of Political Science, engages actively in different initiatives like supporting the underprivileged students, academic projects etc. Study of the subject opens wide opportunities for a successful career in civil services, law, teaching, journalism, research, ngos, social leadership, politics and entrepreneurship.

## Faculty

Dr. Dinesh Yadav, M.A., M.Phil, Ph.D.

Dr. Surender Singh Rana, M.A., M.Phil., Ph.D.

Dr. V.P.S. Malik, M.A., M.Phil., Ph.D

## Academic Calender

February to March 2017	Annual Departmental Fest
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Semester 1	Semester 2	Semester 3	Semester 4	Semester 5	Semester 6
C-1.* Understanding Political Theory	C-3. Political Theory Concepts and debates	C-5. Introduction to Comparative Government and Politics	C-8. Political Process and Institutions in Comparative Perspectives	C-11. Classical Political Philosophy	C-13. Modern Political Philosophy
C-2 Constitutional Government and Democracy in India	C-4. Political Process in India	C-6 Perspectives on Public Administration	C-9. Public Policy and Administration in India	C-12. ...Indian Political Thought- 1st	C-14.Indian Political Thought IInd
		C-7 Perspectives on International Relations and World History	C-10 Global Politics		
AECC* English/HINDI (MIL) or EVS	AECC EVS or English/ HINDI (MIL)	SEC-1*- Democratic Awareness and Legal Literacy	SEC-2- Peace and Conflict Resolution	DSE-1* Understanding South Asia	DSE-3- India's Foreign Policy in a Globalizing World
				DSE-2- Development Process and Social Movements in Contemporary India	DSE-4-Citizenship in a Globalizing World
GE-1. (Options Offered by other departments)*	GE-2. (Options offered by other departments)*	GE-3. (Options Offered by other departments)*	GE-4. (Options Offered by other departments)*		

*GE - Generic Elective	These papers are offered by the department to the students of other streams			
GE-1. (Options Offered)*	GE-2. (Options Offered)*	GE-3. (Options Offered)*	GE-4. (Options Offered)*	
A. Nationalism in India	A. Nationalism in India	A. Nationalism in India	A. Nationalism in India	
B. Understanding Ambedkar	B. Understanding Ambedkar	B. Understanding Ambedkar	B. Understanding Ambedkar	
C. Governance Issues and Challenges	C. Governance Issues and Challenges	C. Governance Issues and Challenges	C. Governance Issues and Challenges	
D. Politics of Globalization	D. Politics of Globalization	D. Politics of Globalization	D. Politics of Globalization	
*(Any One)	*(Any One)	*(Any One)	*(Any One)	

# DEPARTMENT OF SANSKRIT

The present syllabus covers most aspects of Sanskrit and projects it as a discipline rather than as a language. Sanskrit is the gateway to the ancient Indian wisdom and is a perennial source of inspiration for national integrity and universal brotherhood. The Department consists of highly qualified and devoted faculty members who have been contributing to academic growth and holistic development of the students. Teachers make intense efforts to prepare students for proficiency in Sanskrit language and give them inspiration to participate in various intercollege competitions.

## Faculty

Dr. R.K.Vasishtha, M.A., Ph.D

Dr. Sukhram, M.A., Ph.D

Mr. Meghraj Meena, M.A., M.Phil.

Dr. Rajneesh, M.A., Ph.D

## Academic calendar

August to October 2016	Special lecture, संस्कृत संभाषण शिविर (साप्ताहिक), Academic Tour
January to March 2017	संस्कृत संभाषण शिविर (साप्ताहिक), Lecture and Competition

Semester 1	Semester 2	Semester 3	Semester 4	Semester 5	Semester 6
C-1.* Classical Sanskrit Literature (Poetry)	C-3. Classical Sanskrit Literature (Prose)	C-5.Classical Sanskrit Literature (Drama)	C-8.Indian Epigraphy, Paleography and Chronology	C-11. Vedic Literature	C-13. Indian Ontology and Epistemology
C-2. Critical Survey of Sanskrit Literature	C-4. Self-Management in the Gita	C-6. Poetics and Literary Criticism	C-9. Modern Sanskrit Literature	C-12. Sanskrit Grammar	C-14. Sanskrit Composition and Communication
		C-7. Indian Social Institutions and Polity	C-10. Sanskrit and World Literature		
AECC* English/HINDI (MIL) or EVS	AECC EVS or English/ HINDI (MIL)	SEC-1 Reading skills in Brahmi Scripts / Acting & Script Writing	SEC-2 Machine Translation: Tools and Techniques / Evolution of Indian scripts / Sanskrit Meters and Music	DSE-1 Indian System of Logic and Debate / Art of Balanced Living	DSE-3 Sanskrit Linguistics / Computational Linguistics for Sanskrit
				DSE-2 Theatre & Dramaturgy / Tools and Techniques for Computing Sanskrit Language	DSE-4 Fundamentals of Ayurveda/ Environmental Awareness in Sanskrit literature
GE-1. (Options offered by other departments)*	GE-2. (Options offered by other departments)*	GE-3. (Options offered by other departments)*	GE-4. (Options offered by other departments)*		

*GE - Generic Elective	These papers are offered by the department to the students of other streams			
GE-1. (Options Offered)*	GE-2. (Options Offered)*	GE-3. (Options Offered)*	GE-4. (Options Offered)*	
A. Basic Sanskrit	A. Basic Principles of Indian Medicine System (Ayurveda)	A. Ancient Indian Polity	A. Individual, Family and Community In Indian Social Thought	
B. Indian Culture and Social Issues	B. Indian Aesthetics	B. Indian Epigraphy & Paleography	B. Nationalism and Indian Literature	
C. Sanskrit and Other Modern Indian Languages	C. Fundamentals of Indian Philosophy	C. Computer Applications for Sanskrit	C. Indian Architectural System	
*(Any One)	*(Any One)	*(Any One)	*(Any One)	

# DEPARTMENT OF COMMERCE

The Department of Commerce at Shivaji College upholds the tradition of the University of Delhi in imparting excellent education and providing a stimulating environment for an all-round development of the students. The dedicated and committed faculty with a strong background in Commerce and Economics encourages the students to understand not just the theoretical but cognitive and practical applications of the subject as well. Apart from providing regular curriculum education to the students, the department holds talks and seminars and field trips so that they are exposed to various career options available to them after college. The Departmental annual inter-college festival OPTIMUM provides a platform for students to think beyond the lines of formal curriculum and enhance their organizational and managerial skills.

## Faculty

Ms. Usha Sharda, M.A.

Mr. Rajesh Kumar, M.Com.

Mr. P. R. Chadha, M.Com., L.L.B

Dr. Ramesh Kumar, M.Com., M.Phil., Ph.D

Ms. Suman Kharbanda, M.A., M.Phil.

Dr. Rajinder Singh, M.Com., Ph.D

Dr. Rabinarayan Samantara, M.Com., M.Phil., Ph.D

Ms. Kiran Chaudhary, M.Com

## Academic Calendar

August to October 2016	Workshop on Entrepreneurship, Business Trip
March 2017	Annual festival OPTIMUM Including one seminar

## B.Com Honours

Semester 1	Semester 2	Semester 3	Semester 4	Semester 5	Semester 6
C1- Financial Accounting	C-3. Corporate Accounting	C-5. Human Resource Management	C-8. Cost Accounting	C-11. Principles of Marketing	C-13. Auditing and Corporate Governance
C-2- Business Law	C-4. Corporate Law	C-6. Income Tax laws and Practice	C-9. Business Mathematics	C-12. Fundamentals of Financial Management	C-14. Indirect Tax Laws
		C-7. Management Principles and Applications	C-10. Computer Applications in Business		
AECC* English/HINDI (MIL) or EVS	AECC EVS or English/HINDI (MIL)	SEC-1*	SEC-2*	DSE-1*	DSE-3
		E commerce	Entrepreneurship	Management Accounting	Fundamentals of Investment
		Personal Tax Planning	E- Filing of returns	DSE-2	DSE-4
GE-1. (Options offered by other departments)*	GE-2. (Options offered by other departments)*	GE-3. (Options offered by other departments)*	GE-4. (Options offered by other departments)*	Corporate Tax Planning	Consumer Affairs and Customer care

GE	These papers are offered by the department to the students of other streams		
*GE-1 - (Options Offered)*	GE-2. (Options Offered)*	GE-3. (Options Offered)*	GE-4. (Options Offered)*
A Micro economics	A. Macro Economics	A. Business Statistics	A. Indian Economy

## B.Com. Programme

Semester 1	Semester 2	Semester 3	Semester 4	Semester 5	Semester 6
C-1.* Financial Accounting	C-3. Business Laws	C-5. Company Law	C-7. Corporate Accounting	DSE1. Human Resource Mangement	DSE-3. Corporate Tax Planning
C-2. Business Organisation and Management	C-4. Business Mathematics and Statistics	C-6. Income Tax Law and Practice	C-8. Cost Accounting	DSE2. Fundamentals of Financial Management	DSE4. Consumer Protection
			AECC. - Business Communication		
AECC* EVS or English/ HINDI (MIL)	AECC English/HINDI (MIL) or EVS	SEC-1*	SEC-2	SEC 3	SEC 4
		Computer Application in Business	E Commerce	Advertising	Personal Selling and Salesmanship
		Cyber Crimes and law	Investing in stock market		
English	MIL/HINDI- A/B/C	MIL/HINDI-A/B/C	English	GE-1. (Options offered by other departments)*	GE-2. (Options offered by other departments)*
*(Any One)				*(Any One)	*(Any One)



# DEPARTMENT OF BIOCHEMISTRY

B.Sc. (Hons.) Biochemistry is one of the premium three-year degree courses offered by University of Delhi. The course focuses not only on the biochemical basis of life but also on the upcoming multidisciplinary and challenging areas. The theoretical classroom experience is supplemented by well-designed laboratory practices. Our students gain hands-on-training which facilitates them to achieve both conceptual knowledge as well as practical skills. Our Biochemical Society promotes academic, extra-curricular and socio-culture linkages with peers in other colleges and institutions. Our faculty members are also actively involved in research.

## Faculty

Dr. Shashi Nijhawan, M.Sc., Ph.D      Dr. Deepika Bhaskar, M.Sc., Ph.D(on deputation)  
 Dr. Neena R. Wadehra, M.Sc., Ph.D      Dr. Renu Baweja, M.Sc., Ph.D  
 Dr. Rashmi Wardhan, M.Sc., Ph.D      Dr. Sunita Singh, M.Sc., Ph.D  
 Dr. Darshan Malik, M.Sc., Ph.D      Dr. Jayita Thakur, M.Sc., Ph.D

## Academic Calendar

February to March 2017	Chaperone (Annual Departmental Fest/ Workshop/Lecture Series/Inspire)
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Semester 1	Semester 2	Semester 3	Semester 4	Semester 5	Semester 6
C-1.* Molecules of Life	C-3. Proteins	" BCH C-5. Metabolism of Carbohydrates and Lipids"	BCH C-8. Human Physiology	BCH C-11. Concepts in Genetics	"BCH C-13. Genetic Engineering and Biotechnology"
C-2. Cell Biology	C-4. Enzymes	C-6. Membrane Biology and Bioenergetics	BCH C-9. Gene Organization, Replication and Repair	BCH C-12. Gene Expression and Regulation	BCH C-14. Immunology
		BCH C-7. Hormone: Biochemistry and Function	BCH C-10. Metabolism of Amino Acids and Nucleotides		
AECC* English/Hindi (MIL) or EVS	AECC English/Hindi (MIL) or EVS	SEC-1* BCH SEC-1: Tools and Techniques in Biochemistry	SEC-2 NA*	BCH DSE-1* NA*	DSE-3 NA*
				BCH DSE-2 NA*	DSE-4 NA*
GE-1. (Options offered by other departments)*	GE-2.(Options offered by other departments)*	GE-3. (Options offered by other departments)*	GE-4. (Options offered by other departments)*		

GE	These papers are offered by the department to the students of other streams		
*GE-1 - (Options Offered)*	GE-2. (Options Offered)*	GE-3. (Options Offered)*	GE-4. (Options Offered)*
Biochemistry of Cell	Proteins and Enzymes	Biochemical Correlations in Diseases	Fundamentals of Genetic Engineering

# B.Sc. PROGRAMME (LIFE SCIENCES)

Semester	Core Course	Ability Enhancement Compulsory Courses	Skill Enhancement Courses (SEC) (4)	Discipline Specific Elective DSE(4)
I	<p>CC-Botany I Biodiversity(Microbes, Algae, Fungi and Archegoniatae)</p> <p>CC-Zoology I Animal Diversity</p> <p>CC-Chemistry I Atomic Structure, Bonding, General Organic Chemistry &amp; Aliphatic hydrocarbons</p>	English/HINDI Communication (MIL) or Environmental Science		
II	<p>CC-Botany II Plant Ecology and Taxonomy</p> <p>CC-Zoology II Comparative Anatomy and Developmental Biology</p> <p>CC-Chemistry II Chemical Energetics, Equilibria Functional Group Organic Chem-I</p>	English/HINDI Communication (MIL) or Environmental Science		
III	<p>CC- Botany III Anatomy and Embryology of Angiosperms</p> <p>CC- Zoology III Physiology and Biochemistry</p> <p>CC-Chemistry III Conductance, Electrochemistry &amp; Functional Group Organic Chemistry -II</p>		<p>SEC-I *(Any One) Botany-I Biofertilizer</p> <p>Zoology-I Medical Diagnostics</p> <p>Chemistry-I Basic Analytical chemistry</p>	
IV	<p>CC-Botany IV Plant Physiology and Metabolism</p> <p>CC-Zoology IV Genetics and Evolutionary Biology</p> <p>CC-Chemistry IV Chemistry of s and p-block elements, States of matter and Chemical Kinetics.</p>		<p>SEC-II *(Any One) Botany-II Medicinal Botany</p> <p>Zoology-II Apiculture</p> <p>Chemistry-II Analytical Clinical Biochemistry</p>	

Semester	Core Course	Ability Enhancement Compulsory Courses	Skill Enhancement Courses(SEC)(4)	Discipline Specific Elective DSE(4)
V			SEC-III *(Any One) Botany-III Ethnobotany  Zoology-III Research Methodology/ Sericulture/Aquarium Fish Keeping  Chemistry-III Chemistry of cosmetics and perfumes	DSE-I Botany-I (Any One) Cell and Molecular Biology Bioinformatics  Zoology-I (Any One) Applied Zoology Animal Biotechnology Reproductive Biology Chemistry-I*
VI			SEC-IV *(Any One) Botany-IV Intellectual Property Right  Zoology-IV Research Methodology/ Sericulture/Aquarium Fish Keeping  Chemistry-IV IT Skills for Chemists	DSE-II Botany-II (Any One) Economic Botany Analytical Techniques in Plant Science  Zoology-II (Any One) Aquatic Biology Immunology Insect, Vector and Disease Chemistry-II*

\*SEC to be decided

## B.Sc. PHYSICAL SCIENCES WITH CHEMISTRY

Semester	Core Course (12)	Ability Enhancement Compulsory Course (AECC) (2)	Skill Enhancement Courses(SEC)(4)	Discipline Specific Elective DSE(4)
I	Mechanics ----- Calculus and Matrices ----- Atomic Structure, Bonding, General Organic Chemistry & Aliphatic hydrocarbons	English/MIL (HINDI) Communication/ Environmental Science		
II	Electricity and Magnetism ----- Calculus and Geometry ----- Chemical Energetics, Equilibria Functional Group Organic Chem-I	(Environmental Science English/MIL (HINDI) Communication)		

Semester	Core Course (12)	Ability Enhancement Compulsory Course (AECC) (2)	Skill Enhancement Courses(SEC)(4)	Discipline Specific Elective DSE(4)
III	Thermal Physics and Statistical Mechanics ----- Algebra ----- Conductance, Electrochemistry & Functional Group Organic Chemistry -II		SEC-I*(Any One) Maths-I LaTeX and HTML  Chemistry-I Basic Analytical chemistry  Physics-I Basic Instrumentation	
IV	Waves and Optics ----- Real Analysis ----- Chemistry of s- 4 and p-block elements, States of matter and Chemical Kinetics.		SEC-II*(Any One) Maths-II Computer Algebra Systems and Related Softwares  Chemistry-II Analytical Clinical Biochemistry  Physics-II Electrical Circuits and Network Skills	
V			SEC-III*(Any One) Maths-III Operating System:Linux  Chemistry-III Chemistry of cosmetics and perfumes  Physics-III Applied Optics	DSE-I Maths-I (Any One) Differential Equation Mechanics and Discrete Mathematics Chemistry-I * Physics-I *
VI			SEC-IV*(Any One) Maths-IV Transportation and Game Thoery  Chemistry-IV IT Skills for Chemists  Physics-IV Computational Physics	DSE-I Maths-I (Any One) Numerical Methods Probability and Statistics Chemistry-II * Physics-II*

\*Yet to be decided.

**\*B.SC PROGRAMME (WITH COMPUTER SCIENCE)- DETAILS ON PAGE NO. 41**



# DEPARTMENT OF CHEMISTRY

Chemistry puts you at the heart of science, and Chemistry graduates are in demand by some of the most successful industries in India. Modern chemical research is a creative activity involving techniques across this wide range of science to actively design and synthesize molecules and materials, and determine their properties. After graduation, students can get enrolled in PG courses such as M.Sc. in Inorganic, Organic, Physical, Analytical, Polymer Science, Forensic Science, Material Science, Biotechnology, Nanotechnology etc. The Department of Chemistry has well equipped laboratories with required chemicals for conducting regular practical classes as well as research activities. These labs are also equipped with instruments like Spectrophotometer, Conductivity meters, pHmeters, Flame Photometers, colorimeter, UV-visible spectrophotometer, Centrifuge Machines, Digital Balances etc. Rastantrum, the Chemical Society of Shivaji College, is an active society which tries to maintain a perfect balance between academics and fun.

## Faculty

Dr. Promila Mathur, M.Sc., Ph.D.	Dr. Bhaskar Mohan Kandpal, M.Sc., Ph.D.
Dr. Manjula Singh, M.Sc., Ph.D.	Dr. Neena Khanna, M.Sc., Ph.D.
Dr. Anil Krishan Aggarwal, M.Sc., Ph.D.	Dr. Nand Gopal Giri, M.Sc., Ph.D.
Dr. Prasanta Kumar Sahu, M.Sc., Ph.D.	Dr. Rahul Singhal M.Sc, M.Phil., Ph.D.
Dr. Rajni Kanojia, M.Sc., Ph.D.	Dr. Vandana Katoch, M.Sc., Ph.D.
Mr. Mahendra Kumar Meena, M.Sc.	

## Academic Calendar

January-February 2017		Annual Fest-			
Semester 1	Semester 2	Semester 3	Semester 4	Semester 5	Semester 6
C-1 Inorganic Chemistry-I	C-3. Organic Chemistry-I	C-5. Inorganic Chemistry-II	C-8. Inorganic Chemistry-III	C-11. Organic Chemistry-IV	C-13. Inorganic Chemistry-IV
C-2. Physical Chemistry-I	C-4. Physical Chemistry-II	C-6. Organic Chemistry-II	C-9. Organic Chemistry-III	C-12. Physical Chemistry-V	C-14. Organic Chemistry-V
		C-7. Physical Chemistry-III	C-10. Physical Chemistry-IV		
AECC* English/HINDI (MIL) or EVS	AECC EVS or English/HINDI (MIL)	SEC-1 Basic Analytical Chemistry	SEC-2 Analytical Clinical Biochemistry	DSE-1*	DSE-3
				DSE-2	DSE-4
GE-1. (Options offered by other departments)*	GE-2. (Options offered by other departments)*	GE-3. (Options offered by other departments)*	GE-4. (Options offered by other departments)*		

*GE - Generic Elective	The department offers these papers to the students of other streams.			
GE-1. (Options Offered)*	GE-2. (Options Offered)*	GE-3. (Options Offered)*	GE-4. (Options Offered)*	
A. Mathematics	A. Mathematics	A. Mathematics	A. Mathematics	
B. Physics	B. Physics	B. Physics	B. Physics	
C. Economics	C. Economics	C. Economics	C. Economics	
D. Computer Science	D. Computer Science	D. Computer Science	D. Computer Science	
*(Any One)	*(Any One)	*(Any One)	*(Any One)	

# DEPARTMENT OF COMPUTER SCIENCE

The Department offers B.Sc. Program with Computer Science and the curriculum aims at providing an introductory yet comprehensive view of established and emerging areas in diverse scientific fields. It employs an application oriented approach, emphasizing on development of problem solving skills in students. Students are encouraged to take up projects and pursue internship programme to familiarize them to Industrial environment.

The Department has four spacious, well equipped air conditioned Computer laboratories with around 150 computers which are of the latest configuration. An online UPS system is used to provide uninterrupted working environment to the students. The annual technical fest 'TECHELONS' is organized under students's society **Websters** regularly with great enthusiasm and zeal.

## Faculty

Mr. Rakesh Yadav M.C.A

Ms. Preeti Sharma M.C.A

## Academic Calendar

October 2016	Talk/ Workshop
February to March 2017	Seminar/ talk, Annual Departmental Fest

Semester	Core Course (12)	Ability Enhancement Compulsory Course (AECC) (2)	Skill Enhancement Courses(SEC)(4)	Discipline Specific Elective DSE(4)
I	Mechanics Calculus and Matrices Problem Solving using Computer	English/HINDI Communication (MIL) or Environmental Science		
II	Electricity and Magnetism Calculus and Geometry Database Management Systems	English/HINDI Communication (MIL) or Environmental Science		
III	Thermal Physics and Statistical Mechanics Algebra Operating Systems		SEC-I*(Any One) Maths-I LaTeX and HTML Computer-I Office Automation Tools Physics-I Basic Instrumentation	
IV	Waves and Optics Real Analysis  Computer System Architecture		SEC-II*(Any One) Maths-II Computer Algebra Systems and Related Softwares Computer-II PHP Programming Physics-II Electrical Circuits and Network Skills	
V			SEC-III*(Any One) Maths-III Operating System:Linux Computer-III System Administration and Programming Physics-III Applied Optics	DSE-I Maths-I (Any One) Differential Equation Mechanics and Discrete Mathematics Computer-I Programming in Java Analysis of Algorithms and Data Structures Physics-I*
VI			SEC-IV*(Any One) Maths-IV Transportation and Game Thoery Computer-IV Android Programming Physics-IV Computational Physics	DSE-I Maths-I (Any One) Numerical Methods Probability and Statistics Computer-II Internet Technologies Project work/Dissertation Physics-II*

*\*To be decided by the College later*

# DEPARTMENT OF PHYSICS

The curriculum of B.Sc (Honours) Physics offers students the opportunity to acquire a deep insight into conceptual knowledge of fundamental physics. The department consists of highly qualified and devoted faculty members who contribute towards academic growth and holistic development of the students. The department society INVENIO provides a platform to the students to go beyond academics and explore new horizons. The society also conducts talks by eminent physicists from diverse fields which inspires and motivates young minds. The annual festival of the department consists of an interesting mix of events.

## Faculty

Dr. Manju Banerjee, M.Sc., Ph.D.

Dr. S. K. Yadav, M.Sc., Ph.D.

Dr, S.C. Goel, M.Sc., Ph.D.

Ms. Bharati Badhwar, M.Sc.

Dr. Ashok Kr. Shukla, M.Sc., M.Phil., Ph.D.

Ms. Mamta, M.Sc.

Dr. Arun Vir Singh, M.Sc., M.Phil., Ph.D.

## Academic Calendar

January to March 2017	Annual Departmental Fest
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Semester 1	Semester 2	Semester 3	Semester 4	Semester 5	Semester 6
C-1 Mathematical Physics I	C-3. Electricity & Magnetism	C-5. Mathematical Physics II	C-8. Mathematical Physics III	C-11. Quantum Mechanics & Applications	C-13. Electromagnetic Theory
C-2 Mechanics	C-4. Waves & Optics	C-6. Thermal Physics	C-9. Elements of Modern Physics	C-12. Solid State Physics	C-14. Statistical Mechanics
		C-7. Digital Systems & Applications	C-10. Analog Systems & Applications		
AECC* English/Hindi (MIL) or EVS	AECC EVS or English/ HINDI (MIL)	SEC-1* Physics Workshop Skill/ Computational Physics/ Electrical Skills & Network skills/Basic instrumentation skills/ Renewable energy & energy harvesting/ Technical drawing/ Radiation safety/Applied Optics/ Weather Forecasting	SEC-2	DSE-1* 1. Experimental Techniques 2. Advanced Mathematical Physics. 3. Embedded systems- Introduction to Microcontroller 4. Nuclear and Particle Physics	DSE-3 9. Advanced Mathematical Physics-II 10. Communication System 11. Applied Dynamics 12. Verilog and FPGA based system design 13. Classical Dynamics
				DSE-2 5. Physics of Devices and Communication 6. Astronomy and Astrophysics 7. Atmospheric Physics 8. Biological physics	DSE-4 14. Digital Signal processing 15. Nano Materials and Applications 16. Physics of the Earth 17. Medical Physics 18. Dissertation
GE-1.* (Options offered by other departments)	GE-2. *(Options offered by other departments)	GE-3. *(Options offered by other departments)	GE-4. *(Options offered by other departments)		

### \*GE - Generic Elective

GE-1.

A. Electricity & Magnetism

B. Mathematical Physics

C. Digital Analogue Circuit &  
Instrumentation

D. Applied Dynamics/ Medical  
Physics

\*(Any One)

### These papers are offered by the department to the students of the other streams

GE-2. \*

A. Mechanics

B. Elements of Modern physics

C. Solid state Physics

D. Embedded systems:  
Introduction of microcontrollers

\*(Any One)

GE-3. \*

A. Waves & optics

B. Quantum Mechanics

C. Communication  
Systems

D. Nanomaterials &  
Applications

\*(Any One)

GE-4. \*

A. Thermal Physics & Statistical Mechanics

B. Digital Signal Processing

C. Nuclear & particle Physics

D. Astronomy & Astrophysics.

\*(Any One)

# DEPARTMENT OF ZOOLOGY

The Department of Zoology offers B.Sc (H) Zoology. The syllabus of the course imparts practical and theoretical knowledge to the students and helps them choose post graduate courses and research in various disciplines of biological sciences. Laboratories are well equipped and spacious. The departmental museum is one of the oldest and remarkable in having well kept collection of specimens which are rarely available nowadays. We have a vibrant Zoological Society-OYSTER which conducts a number of extracurricular activities throughout the year with the aim of developing a balanced, all-round personality of students.

## Faculty

Dr. Indira Chaudhary, M.Sc. , Ph.D.      Mr. Manish Kr. Sachdeva, M.Sc., M.Phil.

Dr. Sunita Gupta, M.Sc., Ph.D.      Ms. Nimita Kant, M.Sc.

Dr. Deepika Yadav, M.Sc, Ph.D.

## Academic Calendar

September to October 2016	Lecture Series (tentative), Workshop & Educational Trip				
February to March 2017	Oyster (Departmental Fest) & National Symposium, One day lab/ Institute visit				
Semester 1	Semester 2	Semester 3	Semester 4	Semester 5	Semester 6
Non-chordates I: Protista to Pseudocoelomates	Non-chordates II: Coelomates	Diversity of Chordates	Comparative Anatomy of Vertebrates	Molecular Biology	Developmental Biology
Principles of Ecology	Cell Biology	Physiology: Controlling and Coordinating Systems	Physiology: Life Sustaining Systems	Principles of Genetics	Evolutionary Biology
		Fundamentals of Biochemistry	Biochemistry of Metabolic Processes		
AECC* English/HINDI (MIL) or EVS	AECC EVS or English/HINDI (MIL)	SEC-1 Medical Diagnostics	SEC-2	DSE-1*	DSE-3
				DSE-2	DSE-4
GE-1. (Options offered by other departments)*	GE-2. (Options offered by other departments)*	GE-3. (Options offered by other departments)*	GE-4. (Options offered by other departments)*		

**\*GE - Generic Elective** These papers are offered by the department to the students of other streams.

G.E. 1- Animal Diversity | G.E.2 - Human Physiology | G.E. 3 - Food, Nutrition And Health | G.E. 4- Animal Cell Biotechnology



# DEPARTMENT OF MATHEMATICS

From the routine arithmetic that we perform in our daily lives to the exact calculations of science and technology, mathematics shapes and influences nearly every object around us. A Mathematics honours course gradually trains the students in developing logical thinking and reasoning, which provides a platform to achieve their goals and ambitions. With this very aim, the Honours syllabus provides training in diverse Mathematical disciplines like, Algebra, Analysis, Calculus, Mathematical Programming, Numerical Methods, Differential Equations and Statistics. A Mathematics graduate has wide variety of career options available in areas like Computer applications, Business Administration, Statistics and Operational Research to name a few.

## Faculty

Dr. Shiv Kumar Sahdev, M.Sc, Ph.D.	Dr. Vandana, M.Sc, M.Phil, Ph.D.
Dr. Babita Gupta, M.Sc, M.Phil, Ph.D.	Dr. Neetu Rani, M.Sc, M.Phil, Ph.D.
Dr. Aparna Jain, M.A., M.Phil, Ph.D.	Mr. Uttam Kumar Sinha, M.Sc, M.Phil.
Dr. Mridula Budhraj, M.A., M.Phil, Ph.D.	Dr. Shilpi Verma, M.Sc, Ph.D.
Dr. Surbhi Madan, M.Sc, M.Phil, Ph.D.	Mr. Manish Kumar Meena, M.Sc.
Dr. Pankaj Kumar Das (on lien), M.Sc, M.Phil, Ph.D.	Mr. Jitendra Singh, M.Sc, M.Tech.
Mr. Ashesh Jharwal, M.A.	Dr. Jeetendra Aggarwal, M.Sc, Ph.D.
Dr. Kumari Priyanka, M.Sc, M.Phil, Ph.D.	Ms. Deepti, M.Sc.

## Academic Calender

August to December 2016	National Conference / Workshop
January to March 2017	Infinity (Annual Departmental Fest)

Semester 1	Semester 2	Semester 3	Semester 4	Semester 5	Semester 6
C-1.* Calculus	C-3. Real Analysis	C-5. Theory of Real Functions	C-8. Partial Differential Equations	C-11. Metric Spaces	C-13. Complex Analysis
C-2. Algebra	C-4. Differential Equations	C-6. Group Theory-I	C-9. Riemann Integration & Series of functions	C-12. Group Theory-II	C-14. Ring Theory and Linear Algebra -II
		C-7. Multivariate Calculus	C-10. Ring Theory & Linear Algebra-I		
AECC* English/HINDI (MIL) or EVS	AECC EVS or English/ HINDI (MIL)	SEC-1* Latex and HTML	SEC-2 Computer Algebra Systems and Related Softwares	DSE-1* (i) Numerical Methods or (ii) Mathematical Modeling and Graph Theory or (iii) C++ Programming	DSE-3 (i) Probability theory & Statistics or (ii) Mechanics or (iii) Bio - Mathematics
				DSE-2 (i) Mathematical Finance or (ii) Discrete Mathematics or (iii) Cryptography and Network Security	DSE-4 (i) Number Theory or (ii) Linear Programming and Theory of Games or (iii) Applications of Algebra
GE-1. (Options offered by other departments)*	GE-2. (Options offered by other departments)*	GE-3. (Options offered by other departments)*	GE-4. (Options offered by other departments)*		

*GE - Generic Elective	These papers are offered by the department to the students of other streams			
GE-1. (Options Offered)*	GE-2. (Options Offered)*	GE-3. (Options Offered)*	GE-4. (Options Offered)*	
A. Calculus	A. Linear Algebra	A. Differential Equations	A. Numerical Methods	

## DEPARTMENT OF SOCIOLOGY

The Department offers papers under DSC 2A in the B.A. Programme course:

Semester	Paper No. & Name
Semester I	Introduction to Sociology- I
Semester II	Introduction to sociology- II
Semester III	Sociology of India- III
Semester IV	Sociology of India- IV
Semester V	Sociological Theories- V
Semester VI	Sociological Theories-VI

## DEPARTMENT OF PHYSICAL EDUCATION

The Department offers courses in theoretical and practical aspects of the subject. The study and practice of Physical Education is very interesting and draws its body of knowledge from various disciplines. It empowers students to adopt a healthy lifestyle as a sound and fit employee is sought after by every organization. Moreover, with fitness industry growing, students can look forward to securing many employment opportunities as well. The department offers Generic Elective(GE) Course for the honours courses.

### Faculty

Mr. Gaurav Goel, M. Ed. (Physical Education)

### Academic Calendar

January to March 2017 | Sports Day

*GE - Generic Elective	These papers are offered by the department to the students of the other streams		
GE-1.	GE-2.	GE-3.	GE-4.
Introduction to Physical Education in the contemporary context.	Fitness, Wellness and Nutrition.	Health Education, Anatomy and Physiology.	Posture, Athletic Care and First Aid.



## ADD-ON COURSES

The College proposes to offer below listed Add-on courses for the session 2016-17 as provided by NSDC:

Sector-I	Automotive
Sector- III	BFSI (Banking, Financial Services and Insurance
Sector- V	Media and Entertainment

### GRIEVANCE REDRESSAL COMMITTEE @ COLLEGE LEVEL (under the UGC Grievance Redressal Regulations, 2012)

#### **i). Nominee of the Governing Body - Chairman**

Prof. Ashok Prasad, Department of Chemistry, University of Delhi

#### **ii). Three senior teachers on rotation basis nominated by the Chairman, Governing Body - Members**

a). Dr. B.S. Dahiya, Associate Professor, Department of Geography

b). Dr. Dinesh Yadav, Associate Professor, Department of Political Science

c). Dr. Indira Chaudhary, Associate Professor, Department of Zoology

#### **iii). One Student Representative based on academic merit - Member**

Ms. Rishija Mangla, B.Sc. Mathematics (Hons.)

### DISCIPLINE COMMITTEE

Dr. Rashmi Wardhan (Convenor)	Dr. Manish Kumar Sachdeva
Dr. Shiv Kumar Sahdev	Ms. Nishtha Srivastava
Dr. Lalita Rana	Dr. Meghraj Meena
Mr. Mukesh Singh	Dr. Varun Gulati
Ms. Sonali Garg	Dr. Anjali Raman

#### **Members (Ex Officio)**

Convenor of Student Advisory Committee: Dr. Anuradha Mal

N.C.C. Incharge (Boys Wing): Dr. Rajinder Singh

N.C.C. Incharge (Girls Wing): Ms. Raj Kumari

N.S.S. Incharge: Dr. Mridula Budhraj

Sports Incharge: Mr. Gaurav Goel

## SCHOLARSHIPS AND STUDENT ASSISTANCE

S.No	Scholarship Name	Terms and Conditions:-	Student Name	Course	College Roll No.	Position Result-2015
1	Dr. Usha Aggarwal Trust	B.Com Prog. IInd & IIIrd year who secures the highest % of marks, being above 70% in B.Com (Prog.) Ist & IInd yr. Result	Sakshi Chhabra	B.Com (Prog.) IInd year	14/91015	Ist
			NIL	B.Com (Prog.) IIIrd year	Nil	Nil
2	Ms. Sonali Garg	Best student of B.A. (Prog.) Ist yr.	Lavanya	B.A. (Prog.) IInd year	14/11188	Ist
3	Sultan Chand Dropadi Devi Education foundation (Dr. Miss Usha Aggarwal)	B.Com (H) III yr. who secures the second highest % of marks, being above 70% in the college in B.Com (H) II year.	Mehak Goyal	B.Com (H) IIIrd yr.	13/92023	IInd
4	Sultan Chand Dropadi Devi Education foundation (Dr. Miss Usha Aggarwal)	Who secured the first highest % of marks, in all the papers in the college in B.Com (H) Ist Sem Univ. Exam. Scholarship of Rs. 2500/-	Nishi Gupta	B.Com (H) IInd yr.	14/92056	Ist (Result Nov. Dec. -2014)
5	Shri Sultan Chand Dropadi Devi Memorial Scholarship Scheme	One Scholarship of Rs. 3500/- for result of 2nd Semester to B.Com (H) student under New Revised Syllabus.	Rahul	B.Com (H) IInd yr.	14/92083	Ist
6	Sultan Chand Dropadi Devi Education foundation (Dr. Miss Usha Aggarwal)	One Scholarship for Rs. 3600/- for result of 4th Semester to B.Com (H) student under New Revised Syllabus.	Pooja Mehra	B.Com (H) IIIrd yr.	13/92006	Ist
7	Mrs. Swarn Kanta Nayyar W/o Late Dr. S.K. Nayyar	Two prizes in Zoology Deptt. for the B.Sc. (H) Zoology for the 2 top students in the penultimate year of their degree course, ratio of 2/3rd and 1/3rd respectively).	Simran Sharma	B.Sc. (H) Zoology	12/44008	Ist
			Prabhjot Kaur	B.Sc. (H) Zoology	12/44034	Ist
8	Dr. Sudhir Vasal (Retired, Ass. Prof., Zoology Department)	Awarding gold medal every year to the topper student of B.Sc. (H) Physics IIIrd year.	Vaishali Kotiyal	B.Sc. (H) Physics	12/41001	Ist

### All India entrance scholarship by the university of delhi

Delhi University holds a competitive examination in the month of October each year for the award of All India Entrance Scholarship of Rs 250/- per month, each tenable for three years. Any Honours course student with at least 55% marks in the aggregate may apply along with the examination fees of Rs 50/- in the prescribed form which can be obtained from the Examination Branch of the University of Delhi.

### Fee Concession Committee

The college grants fee concession ranging from 10-100% of the fee. This is done through the Fee Concession Committee (F.C.C.) which invites applications from students and then reviews them. The concession is granted on the basis of the economic status of the students' family and the academic prowess of the student. Its continuance depends upon satisfactory academic progress, regular attendance and good conduct. Students of self financing courses like BBE are not considered for grant of concession.

## Student Union Advisory Committee

The Student Union Advisory Committee of the college has been formed to promote mutual contact, a democratic outlook and a spirit of camaraderie among the students of the college. The committee works to nurture social, cultural and intellectual development of students. It tries to create consciousness among students of the college regarding events taking place around them, with a view to educate them as responsible citizens and to build up a healthy students' movement. The committee has regular interactions with the student representatives to discuss matters concerning them. The aim of the Committee is to maintain peace, discipline, law and order in the college campus.

## Placement Cell

Shivaji College has a very active placement cell that works round the year to provide internship and employment opportunities to its students. The cell also organizes skill development workshops, seminars and talks that give students ample insight into scenario prevailing in the current job market. Students can register themselves for placements/internships through the college website. It also has a page on popular social networking site Facebook through which information regarding cell's activities is disseminated to students. The cell also coordinates with the Central Placement Cell of the University of Delhi to ensure that students also have an access to placements/internships opportunities provided by companies that visit the University Campus.

## Equal Opportunity Cell

The Shivaji College Enabling Unit makes every possible effort to make the college friendly for all "Persons with Disability". The unit organises programmes and regular meetings in the college to bring out and enhance the talent of these students and solve their problems. The facilities provided to disabled students are as follows:

- Separate rooms for Enabling Unit students.
- Separate facilities of computers, scanners, printers and internet.
- Laptops with Wi-Fi connections
- Exemption from paying annual and examination fees. Only a nominal fee is charged.
- Braille books and CDs on various subjects are available in the college library.
- An i-pod, a tape recorder and photocopy facility have also been provided.
- Special washrooms for all male and female disabled students.
- Ramps have also been constructed at strategic locations in the college building.

A counsellor has been enlisted by the college to help students



# ORDINANCES

## ORDINANCE XV-B: Maintenance of Discipline among Students of the University

1. All powers relating to discipline and disciplinary action are vested in the Vice-Chancellor.
2. The Vice-Chancellor may delegate all or such powers as he/she deems proper to the Proctor and to such other persons as he/she may specify in his/her behalf.
3. Without prejudice to the generality of power to enforce discipline under the Ordinance, the following shall amount to acts of gross indiscipline:
  - physical assault, or threat to use physical force, against any member of the teaching and non-teaching staff of any Institution/Department and against any student within the University of Delhi;
  - carrying of, use of, or threat to use of any weapons;
  - any violation of the provisions of the Civil Rights Protection Act, 1976;
  - violation of the status, dignity and honour of students belonging to the scheduled castes and tribes;
  - any practice-whether verbal or otherwise-derogatory of women;
  - any attempt at bribing or corruption in any manner;
  - wilful destruction of institutional property;
  - creating ill-will or intolerance on religious or communal grounds;
  - causing disruption in any manner of the academic functioning of the university system;
  - ragging as per Ordinance XV-C.
4. Without prejudice to the generality of his/her powers relating to the maintenance of discipline and taking such action in the interest of maintaining discipline as may seem to him/her appropriate, the Vice-Chancellor, may in the exercise of his/her powers aforesaid order or direct that any student or students-
  - be expelled; or
  - be, for a stated period rusticated; or
  - be not for a stated period, admitted to a course or courses of study in a College, Department or Institution of the University; or
  - be fined with a sum of rupees that may be specified; or
  - be debarred from taking a University or College or Departmental Examination or Examinations for one or more years; or
  - the result of the student or students concerned in the Examination or Examinations in which he/she or they have appeared be cancelled.
5. The Principals of the Colleges, Heads of the Halls, Deans of Faculties, Heads of Teaching Departments in the University, the Principal, School of Correspondence Courses and Continuing Education and Librarian shall have the authority to exercise all such disciplinary powers over students in their respective Colleges, Institutions, Faculties and Teaching Departments, in the University as may be necessary for the proper conduct of the Institutions, Halls and teaching in the concerned Departments. They may exercise their authority through, or delegate authority to, such of the teachers in their Colleges, Institutions or Departments as they may specify for these purposes.
6. Without prejudice to the powers of the Vice-Chancellor and the Proctor as aforesaid, detailed rules of discipline and proper conduct shall be framed. These rules may be supplemented, where necessary, by the Principals of Colleges, Heads of Halls, Deans of Faculties and Heads of Teaching Departments in this University. Each student shall be expected to provide himself/herself with a copy of these rules.
7. At the time of admission, every student shall be required to sign a declaration that on admission he/she submits himself/herself to the disciplinary jurisdiction of the Vice-Chancellor and the several authorities of the University who may be vested with the authority to exercise discipline under the Acts, the Statutes, the Ordinances and the Rules that have been framed there under by the University.

## **ORDINANCE XV-C: Prohibition of and Punishment for Ragging**

1. 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.
2. Any individual or collective act or practice of ragging constitutes gross indiscipline and shall be dealt with under this Ordinance.
3. Ragging for the purposes of this Ordinance, ordinarily means any act, conduct or practice by which dominant power or status of senior students is brought to bear on students freshly enrolled or students who are in any way considered junior or inferior by other students and includes individual or collective acts or practices which-
  - involve physical assault or threat to use of physical force;
  - violate the status, dignity and honour of women students;
  - violate the status, dignity and honour of students belonging to the scheduled castes and tribes;
  - expose students to ridicule and contempt and affect their self esteem;
  - entail verbal abuse and aggression, indecent gestures and obscene behaviour.
4. The Principal of a College, the Head of the Department or an Institution, the authorities of College, of University Hostel or Halls of Residence shall take immediate action on any information of the occurrence of ragging.
5. Notwithstanding anything in Clause (4) above, the Proctor may also suo moto enquire into any incident of ragging and make a report to the Vice-Chancellor of the identity of those who have engaged in ragging and the nature of the incident.
6. The Proctor may also submit an initial report establishing the identity of the perpetrators of ragging and the nature of the ragging incident.
7. If the Principal of a College or Head of the Department or Institution or the Proctor is satisfied that for some reason, to be recorded in writing, it is not reasonably practical to hold such an enquiry, he/she may so advise the Vice-Chancellor accordingly.
8. When the Vice-Chancellor is satisfied that it is not expedient to hold such an enquiry, his/her decision shall be final. The relevant authority under Clause (7) disclosing the occurrence of ragging incidents described in Clause 3 (a), (b) and (c) the Vice-Chancellor shall direct or order rustication of a student or students for a specific number of years.
9. On the receipt of a report under Clause (5) or (6) or a determination by the relevant authority under Clause(7) disclosing the occurrence of ragging incidents described in Clause 3 (a), (b) and (c) the Vice-Chancellor shall direct or order rustication of a student or students for a specific number of years.
10. The Vice-Chancellor may in other cases of ragging order or direct that any student or students be expelled or be not for a stated period, admitted to a course of study in a college, departmental examination for one or more years or that the results of the student or students concerned in the examination or examinations in which they appeared be cancelled.
11. In case any students who have obtained degrees of Delhi University are found guilty under this Ordinance appropriate action under Statute 15 for withdrawal of degrees conferred by the University shall be initiated.
12. For the purpose of this Ordinance, abetment to ragging whether by way of any act, practice or incitement of ragging will also amount to ragging.
13. All institutions within the Delhi University system shall be obligated to carry out instructions/ directions issued under this Ordinance, and to give aid and assistance to the Vice-Chancellor to achieve the effective implementation of the Ordinance.

# THE SEXUAL HARASSMENT OF WOMEN AT WORKPLACE (PREVENTION, PROHIBITION AND REDRESSAL)

Act, 2013 (MINISTRY OF LAW AND JUSTICE)

## ORDINANCE XV-D

An Act to provide protection against sexual harassment of women at work place and for the prevention and redressal of complaints of sexual harassment and for matters connected there with incidental thereto.

WHEREAS sexual harassment results in violation of the fundamental rights of a woman to equality under articles 14 and 15 of the Constitution of India and her right to life and to live with dignity under article 21 of the Constitution and right to practice any profession or to carry on any occupation, trade or business which includes a right to a safe environment free from sexual harassment;

AND WHEREAS the protection against sexual harassment and the right to work with dignity are universally recognized human rights by international conventions and instruments such as

Convention on the Elimination of all forms of discrimination against Women, which has been ratified on the 25th June, 1993 by the Government of India.

AND WHEREAS it is expedient to make provisions for giving effect to the said Convention

for protection of women against sexual harassment at workplace.

For details, please see the website <http://indiacode.nic.in/acts-in-pdf/142013.pdf>.

## ORDINANCE VIII-E: Internal Assessment\*

1. The scheme for Internal Assessment shall be followed in the regular stream only, with exclusions as per the Appendix of Information Bulletin of University of Delhi and is applicable to the students admitted from the academic session 2003-04 onwards in both undergraduate and postgraduate degree courses. This scheme of

Internal Assessment shall not be applicable to the School of Open Learning and Non-Collegiate Women's Education Board.

2. The specific Ordinances pertaining to schemes of examinations of various courses shall stand amended, mutatis mutandis, to the extent of internal assessment as laid down in this Ordinance, subject to exclusions referred to above.
3. Internal Assessment marks shall be shown separately in the Marks Sheet issued by the University and these marks shall be added to the annual/semester examination marks for determining the division of the student.
4. 25% of the maximum marks in each paper in
5. undergraduate courses shall be assigned for Internal Assessment and the remaining 75% marks for the annual/semester University Examination; the time duration and other modalities of the annual/semester Examination with respect to this 75% component shall remain as per existing schemes of examination for various undergraduate courses.
6. For the Annual Examination Scheme, there shall be 10% weightage assigned to House Examinations to be conducted by each college, for all subjects in B.A., B.Com. and B.Sc. courses and all papers of the Main Subject in Honours courses. For the Semester Examination Scheme, there shall be 10% weightage assigned to Class Test(s)/Quiz(s) to be conducted by each college, for all subjects in B.A., B.Com. and B.Sc. courses and all papers of the Main Subject in Honours courses.
7. Each student shall be assessed on the basis of written assignments/tutorials as well as on the basis of project reports/term papers/seminars. There shall be 10% weightage for such written assignment; and project reports/presentations/

*\*Subject to further Notification regarding CBCS.*

term papers/seminars. Each student shall be given at least one written assignment per paper in each term / semester.

8. There shall be 5% weightage for regularity in attending lectures (including interactive periods) and tutorials, and the credit for regularity in each paper, based on attendance, shall be as follows:

**More than 67% but less than 70% - 1 mark**

**70% or more but less than 75% - 2 marks**

**75% or more but less than 80% - 3 marks**

**80% or more but less than 85% - 4 marks**

**85% and above - 5 marks\***

9. [Medical certificates shall be excluded while calculating credit towards marks to be awarded for regularity, though such certificates shall continue to be taken into account for the purpose of calculating eligibility to appear for examinations as per the existing provisions of Ordinance V11.2.9.(a)(ii).]
10. The promotion criteria shall be as per the existing Ordinances for University Examinations, as applicable to respective courses. In addition, the same criteria shall apply to the total of the University Examination and the Internal Assessment, taken together.

### **11. Pass Percentage & Promotion Criteria**

12. The minimum marks required to pass any paper in a semester shall be 40% in theory and 40% in Practical, wherever applicable. The student must secure 40% in the End Semester Examination and 40% in the Total of End Semester Examination & Internal Assessment of the paper for both theory & practical separately.
13. A student shall be eligible for promotion from 1st year to 2nd year of the course provided she/he has passed 50% papers of I and II semester taken together.
14. Similarly, a student (irrespective of Part I results) shall be eligible for promotion from 2nd year to 3rd year of the course provided she/he has passed 50% paper of III and IV semesters taken together
- 15.4.1.4 Students who do not fulfil the promotion

criteria (b) & (c) above shall be declared fail in the Part concerned. However, they shall have the option to retain the marks in the papers in which they have secured Pass marks as per Clause (a) above.

16. A student who has to reappear 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 has to reappear in a paper prescribed for Semester II/IV/VI may do so only in the examination to be held in April/May.
17. Reappearance in passed papers:
18. A student may reappear in any theory paper prescribed for a semester, on foregoing in writing her/his previous performance in the paper/s concerned. This can be done in the immediate subsequent semester examination only (for example, a student reappearing in a paper prescribed for Semester I examination, may do so along with subsequent Semester III examination and not along with papers for Semester V).
19. A candidate who has cleared the papers of Part III (V & VI Semester) may reappear in any paper of V or VI Semester only once, at the immediate subsequent examination on foregoing in writing her/his previous performance the paper/s concerned, within the prescribed span period.
20. (Note: The candidate of this category will not be allowed to join any postgraduate courses)
21. In the case of reappearance in a paper, the result will be prepared on the basis of candidate's current performance in the examination.
22. In the case of a candidate, who opts to re-appear in any paper/s under the aforesaid provisions, on surrendering her/his earlier performance but fails to reappear in the paper/s concerned, the marks previously secured by the candidate in the paper/s in which she/he has failed to re-appear shall be taken into account while determining her/his result of the examination held currently.
23. Reappearance in Practical examinations shall not be allowed.

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*\*The College follows and implements the rules regarding attendance in a strict manner.*

24. A student who reappears in a paper shall carry forwarded the internal assessment marks, originally awarded.
25. Division Criteria: A student who passes all the papers prescribed for Semester I to Semester VI examinations would be eligible for the degree. Such a student shall be categorized on the basis of the combined result of Semester I to Semester VI examinations as follows:-
26. 60% or more - First Division
27. 50% more but less than 60% - Second Division
28. 40% more but less than 50% - Third Division
29. In the case of a student who 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 Defence work and allied duties, or in the case of a student who is enrolled in the National Service Scheme and is deputed to various public assignments by or with the approval of the Head of the institution concerned, or a student who is selected to participate in sports or other activities organized by the Inter-University Board or in national or international fixtures in games and sports approved by the Vice- Chancellor, or a student who is required to represent the University at the Inter-University Youth Festival, or a student who 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, fixtures, debates, seminars, symposia or social work projects, or a student who is required to represent the College concerned in debates and other extracurricular activities held in other Universities or such other activities approved by the Vice- Chancellor, the following provision will apply :
30. A student in the categories listed above, will have to fulfil the requirement of written assignments and projects/term papers/seminars/field-work with the flexibility, however, that he/she may, if necessary, be allowed additional time for submission of written assignments.
31. A student in the categories listed above, who is unable to write the House Examination / Class Test(s)/Quiz(s) on account of his/her participation in such aforesaid activities, may be assessed by the College through an alternative mode. This may be done only in exceptional circumstances.
32. A student in the categories listed above, will get the benefit of attendance for Internal Assessment for the classes missed as per the existing provisions of Ordinance VII.2.(9)(a)(i) (refer to 'www.du.ac.in').
33. The University reserves the right to review, and if necessary moderate the marks in Internal Assessment in any paper/ papers in any College/ Department. The information provided here is to the best of our knowledge. For further information please refer to the University website www.du.ac.in.

### Ordinance VII: Conditions for Admission to Examinations\*

#### Ordinance VII 2.(2)

34. Every student is supposed to attend not less than two-thirds of lectures and practicals delivered in the college separately for his course of study in each academic year.

#### Ordinance VII 2.(9)(a)(ii)

35. The Principal of the College may consider, on the basis of the Medical Certificates produced, exceptional cases of students who had fallen seriously ill or had met with an accident 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 merit.

#### Ordinance VII 2.(9)(c)

36. The benefit of exclusion of lectures contemplated in Ordinance V112. (9) a (i) above, either separately or jointly, shall in no case exceed 1/3rd of the total number of lectures delivered. For further clarity Ordinance VII should be consulted.

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***\*Subject to further notification/amendment as issued by the University of Delhi under CBCS Scheme.***

## Prospectus Committee

Dr. Virender Bhardwaj (Convenor)

Dr. Jyoti Sharma

Dr. Darshan Pandey

Dr. Divya Madaan

Dr. Rajneesh

Dr. Kanchan

Ms. Shweta



## Teachers In-Charge for Session 2016-17

Biochemistry	Ms. Jayita Thakur
Botany	Dr. Pratima Rani Sardar
Chemistry	Dr. Vandana Katoch
Commerce	Ms. Suman Kharbanda
Computer Science	Ms. Preeti Sharma
Economics	Ms. Iti Dandona
English	Ms. Siamlianvung Hangzo
Geography	Dr. Preeti Tewari
Hindi	Dr. S.K. Dubey
History	Mr. Mukesh Kumar Singh
Mathematics	Dr. Shilpi Verma
Physical Education	Mr. Gaurav Goel
Physics	Ms. Mamta
Political Science	Dr. Dinesh Yadav
Sanskrit	Dr. Rajneesh
Zoology	Dr. Deepika Yadav

## Administration

<b>Principal</b>	:	<b>Dr. Shashi Nijhawan</b>
<b>Vice-Principal</b>	:	<b>Dr. Anita Kapur</b>
Burser	:	Dr. Kumari Priyanka
Librarian	:	Mr. K.C Dixit
Sr. PA to principal	:	Ms. Usha Golani
S.O (Admin)	:	Mr. Hemant Lamba
S.O (Accounts)	:	Ms. Parveen Kumar

## Nodal Officer

Dr. Shiv Kumar Sahdev

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## Dealing Assistants

All B.A. (H) courses & M.A. (except B.A. (H) English)	:	Mr. Rajeev Kapoor, Jr. Asstt.
All sciences courses except mathematics	:	Mr. Rajesh kumar , Sr.Asstt.
Commerce and mathematics	:	Mr. Rajesh kumar
B.A. Prog, B.A. (H) Eng , B.A. (H) Sanskrit, B.Sc. Phy. Sc.	:	Ms. Neha Bhatnagar, Jr. Asstt.

## Ex Officio

Convenor of Student Advisory Committee	:	Dr. Anuradha Mal
N.C.C. Incharge (Boys Wing)	:	Dr. Rajinder Singh
N.C.C. Incharge (Girls Wing)	:	Ms. Raj Kumari
N.S.S. Incharge:	:	Dr. Mridula Budhraja
Sports Incharge:	:	Mr. Gaurav Goel

## Disclaimer

The content of this prospectus is authentic and has been verified. The applicants are adviced to refer to Delhi University Information Bulletin for more information. The data contained in the prospectus is only indicative and must not be used for legal purposes.



NAAC Accredited "A" Grade

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Fax: 91-11-25155551

E-mail: shivajicollege.ac@gmail.com

Website: www.shivajicollege.ac.in

₹ 100/-

# UNDERTAKING

I \_\_\_\_\_, son/ daughter of \_\_\_\_\_, student of \_\_\_\_\_ hereby undertake to complete a minimum of 67% attendance as per Delhi University guidelines, to be eligible for University Examinations. If I fail to do so, the College has the authority to forbid me from appearing in the examination. The decision of the College shall be final in this regard.

Father/Mother/Guardian's name

.....

Signature:.....

Mob. /Tel. No.....

Student's name: .....

Signature:.....

Class.....

Mob. ....

Date.....

## AFFIDAVIT BY THE STUDENT

- 1) I, (full name of the student with college Roll Number) s/o d/o Mr./Mrs./Ms. \_\_\_\_\_, having been admitted to \_\_\_\_\_ have received a copy of the UGC Regulations on Curbing the Menace of Ragging in Higher Educational Institutions, 2009, (hereinafter called the "Regulations") carefully read and fully understood the provisions contained in the said Regulations.
- 2) I have, in particular, perused clause 3 of the Regulations and am aware as to what constitutes ragging.
- 3) I have also, in particular, perused clause 7 and clause 9.1 of the Regulations and am fully aware of the penal and administrative action that is liable to be taken against me in case I am found guilty of or abetting ragging, actively or passively, or being part of a conspiracy to promote ragging.
- 4) I hereby solemnly aver and undertake that :
  - a) I will not indulge in any behaviour or act that may be constituted as ragging under clause 3 of the Regulations.
  - b) I will not participate in, or abet, or propagate, through any act of commission or omission that may be constituted as ragging under clause 3 of the Regulations.
- 5) I hereby affirm that, if found guilty of ragging, I am liable for punishment according to clause 9.1 of the Regulations, without prejudice to any other criminal action that may be taken against me under any penal law or any law for the time being in force.
- 6) I hereby declare that I have not been expelled or debarred from admission in any institution in the country on account of being found guilty of, abetting or being part of a conspiracy to promote, ragging; and further affirm that, in case the declaration is found to be untrue, I am aware that my admission is liable to be cancelled.

Declared this \_\_\_\_\_ day of \_\_\_\_\_ month of \_\_\_\_\_ year.

\_\_\_\_\_  
Signature of deponent

Name:

### VERIFICATION

Verified that the contents of this affidavit are true to the best of my knowledge and no part of the affidavit is false and nothing has been concealed or misstated therein.

Verified at \_\_\_\_\_ (place) on this the \_\_\_\_\_ (day) of \_\_\_\_\_ (month), \_\_\_\_\_ (year)

\_\_\_\_\_  
Signature of deponent

Solemnly affirmed and signed in my presence on this the \_\_\_\_\_ (day) of \_\_\_\_\_ (month), \_\_\_\_\_ (year) after reading the contents of this affidavit.

OATH COMMISSIONER

## AFFIDAVIT BY PARENT/ GUARDIAN

- 1) I, Mr./Mrs./Ms. \_\_\_\_\_ (full name of the parent/guardian) father/mother/guardian of, \_\_\_\_\_ (full name of the student with college Roll Number.), having been admitted to \_\_\_\_\_, have received a copy of the UGC Regulations on Curbing the Menace of Ragging in Higher Educational Institutions, 2009, (hereinafter called the "Regulations"), carefully read and fully understood the provisions contained in the said Regulations.
- 2) I have, in particular, perused clause 3 of the Regulations and am aware as to what constitutes ragging.
- 3) I have also, in particular, perused clause 7 and clause 9.1 of the Regulations and am fully aware of the penal and administrative action that is liable to be taken against my ward in case he/she is found guilty of or abetting ragging, actively or passively, or being part of a conspiracy to promote ragging.
- 4) I hereby solemnly aver and undertake that :
  - a) My ward will not indulge in any behaviour or act that may be constituted as ragging under clause 3 of the Regulations.
  - b) My ward will not participate in, or abet, or propagate, through any act of commission or omission that may be constituted as ragging under clause 3 of the Regulations.
- 5) I hereby affirm that, if found guilty of ragging, my ward is liable for punishment according to clause 9.1 of the Regulations, without prejudice to any other criminal action that may be taken against my ward under any penal law or any law for the time being in force.
- 6) I hereby declare that my ward has not been expelled or debarred from admission in any institution in the country on account of being found guilty of, abetting or being part of a conspiracy to promote, ragging; and further affirm that, in case the declaration is found to be untrue, the admission of my ward is liable to be cancelled.

Declared this \_\_\_\_\_ day of \_\_\_\_\_ month of \_\_\_\_\_ year.

\_\_\_\_\_  
Signature of deponent

Name:

Address:

Telephone /Mobile No.

### VERIFICATION

Verified that the contents of this affidavit are true to the best of my knowledge and no part of the affidavit is false and nothing has been concealed or misstated therein.

Verified at \_\_\_\_\_ (place) on this the \_\_\_\_\_ (day) of \_\_\_\_\_ (month), \_\_\_\_\_ (year)

\_\_\_\_\_  
Signature of deponent

Solemnly affirmed and signed in my presence on this the \_\_\_\_\_ (day) of \_\_\_\_\_ (month), \_\_\_\_\_ (year) after reading the contents of this affidavit.

OATH COMMISSIONER