

## At a Glance

Undergraduate Courses [No. of seats for each category*]	Admission Fees (INR)	
	UR/EWS/OBC SC/ST	PWD
B. Sc. (Hons.) Biomedical Science [Total 55, UR 25, EWS 03, OBC 15, SC 08, ST 04]	18,965	2,555
B. Sc. (Hons.) Botany [Total 55, UR 25, EWS 03, OBC 15, SC 08, ST 04]	7,965	2,555
B. Sc. (Hons.) Chemistry [Total 55, UR 25, EWS 03, OBC 15, SC 08, ST 04]	8,465	2,555
B. Sc. (Hons.) Mathematics [Total 55, UR 25, EWS 03, OBC 15, SC 08, ST 04]	7,965	2,555
B. Sc. (Hons.) Physics [Total 55, UR 25, EWS 03, OBC 15, SC 08, ST 04]	7,965	2,555
B. Sc. (Hons.) Zoology [Total 55, UR 25, EWS 03, OBC 15, SC 08, ST 04]	7,965	2,555
B. Sc. (Hons.) Commerce [Total 110, UR 50, EWS 05, OBC 30, SC 17, ST 08]	7,965	2,555
B. Sc. (Hons.) Computer Science [Total 55, UR 25, EWS 03, OBC 15, SC 08, ST 04]	22,965	2,555
B. Sc. (Hons.) Electronics [Total 55, UR 25, EWS 03, OBC 15, SC 08, ST 04]	7,965	2,555
B. Sc. Life Science [Total 50, UR 23, EWS 03, OBC 13, SC 08, ST 03]	7,965	2,555
B. Sc. Physical Science [Total 50, UR 23, EWS 03, OBC 13, SC 08, ST 03]		
with Electronics	7,965	2,555
with Computer Science	7,965	2,555
with Chemistry	7,965	2,555
Postgraduate Courses		
M. Sc. Chemistry [Total 34, UR 16, EWS 01, OBC 09, SC 05, ST 03]	7,851	1,555
M. Sc. Mathematics [Total 34, UR 16, EWS 01, OBC 09, SC 05, ST 03]	7,851	1,555

\*PwD & KM seats are Supernumerary seats

UR= Unreserved, EWS= Economically Weaker Section, OBC= Other Backward Classes, SC= Scheduled Caste, ST= Scheduled Tribe, PwD=Person with Disability, KM= Kashmiri Migrants.

## Students' Council Office Bearers

Position	Name of the Student	Course	Contact Number
Mayor	Harshvardhan Singh Chundawat	B.Sc. Life Science 5th Semester	9079344326
Deputy Mayor	Yaduvinder	B.Sc. (H) Zoology 5th Semester	8816025803
Council Secretary	Sonu	B. Com. (H) 5th Semester	8571898985
Council Treasurer	Rakesh Kumar	B.Sc. (H) Physics 5th Semester	8949456833

## Academic Calendar, University of Delhi (2019-2020)

ODD SEMESTER I / III / V		
1.	Classes begin	20 <sup>th</sup> July 2019 (Saturday)
2.	Mid - Semester Break	07 <sup>th</sup> October 2019 (Monday) to 13 <sup>th</sup> October 2019 (Sunday) Note: Dussehra on 8 <sup>th</sup> October 2019 (Tuesday)
3.	Classes begin after Mid-Semester Break	14 <sup>th</sup> October 2019 (Monday)
4.	Dispersal of classes, preparation leave and Practical Examination begin	16 <sup>th</sup> November 2019 (Saturday)
5.	Theory Examinations begin	30 <sup>th</sup> November 2019 (Saturday)
6.	Winter Break	17 <sup>th</sup> December 2019 (Tuesday) to 31 <sup>st</sup> December 2019 (Tuesday)
EVEN SEMESTER II / IV / VI		
1.	Classes begin	1 <sup>st</sup> January 2020 (Wednesday)
2.	Mid - Semester Break	09 <sup>th</sup> March 2020 (Monday) to 15 <sup>th</sup> March 2020 (Sunday) Note: Holi on 10 <sup>th</sup> March, 2020 (Tuesday)
3.	Classes begin after Mid-Semester Break	16 <sup>th</sup> March 2020 (Monday)
4.	Dispersal of classes, preparation leave and Practical Examination begin	28 <sup>th</sup> April 2020 (Tuesday)
5.	Theory Examinations begin	11 <sup>th</sup> May 2020 (Tuesday)
6.	Summer Vacations	26 <sup>th</sup> May 2020 (Tuesday) to 19 <sup>th</sup> July 2020 (Sunday)



## College Calendar (2019-2020)

Event	Dates
Orientation Programme	20 <sup>th</sup> - 23 <sup>rd</sup> July, 2019
Departmental Fresher's Day	August 2 <sup>nd</sup> week, 2019
Scholarship Interviews Round 1	August 3 <sup>rd</sup> - 4 <sup>th</sup> week, 2019
Book Exhibition	September 1 <sup>st</sup> week, 2019
Students' Council Election	Same day as DUSU Elections
Departmental Society Functions	September 2019 & February 2020
Excursions	October 2019/ February 2020
Acharya Narendra Deva Memorial Lecture	October 31 <sup>st</sup> , 2019
Scholarships (SAKSHAM) Round II	January 3 <sup>rd</sup> week, 2020
Annual Cultural Festival	January 4 <sup>th</sup> week, 2020
Sports Week	February 1 <sup>st</sup> week, 2020
Annual Theatre Production	March 1 <sup>st</sup> week, 2020
Annual Day	April 1 <sup>st</sup> week, 2020
Departmental Farewells	April 2 <sup>nd</sup> week, 2020

### **Orientation Programme: 20<sup>th</sup>- 23<sup>rd</sup> July, 2019 (excluding Sunday)**

The College Orientation Programme will be organized over 03 days wherein the first day will be for Departmental Orientation Programmes including introduction of students to the faculty, staff, facilities and expectations of the Department. Rest of the two days will be in a workshop-mode, to familiarize students with the various activities being carried out in the College.

All the freshers are expected to attend the Orientation Programme.







## A WELCOME NOTE...

**“Education is the most powerful weapon which you can use to change the world.”**

**- Nelson Mandela**

At the very outset I, on behalf of Acharya Narendra Dev College welcome you all to the world **where education makes a difference** and where education doesn't mean studying in the classroom but allows you to spread your wings and go **beyond the classroom...** and helps you for **preparing for the future...** We at ANDC work effortlessly to instill good values in students and to make them good human beings.

Acharya Narendra College is 28 years old and through all these years, college has helped to unfold the enormous potentialities of the students and empower them to meet the challenges of the future. Within this short span of journey, we have carved a niche of our own and ANDC is considered as one of the top colleges in India. This is evident from the NAAC score of 3.31 and 24th NIRF-2019 ranking. Besides, India Today and Week rankings are also testimony to this. We have been able to attain these heights primarily because of the untiring hard work of the faculty (both teaching and non-teaching) of the College. We have the best of the teachers who are experts in their respective fields and also very friendly towards students. Students do not hesitate to approach them whether it's for their personal problems or any problem related to academics. Student council of the college has members elected from amongst the students who act as a link between students and the administration.

The College has one of the best infrastructure and research facilities for students and faculty in University of Delhi.



Our pedagogy is student centric. The College provide ample opportunities for students to excel in both academics and co-curricular activities like theatre, sports and NSS. Our college is Wi-Fi enabled, boasts of a well-equipped library, provides RFID enabled ID cards to students and issues laptops to them for their use. Other facilities in the college include a women's development cell, excursions (EXPLORE), business incubator etc. Make best use of these opportunities and empower yourself to face the future with confidence.

I wish great success to each one of you and promise to provide the best environment for your academic journey towards excellence.

Dr. Ravi Toteja

## ORIENTATION PROGRAM FOR FRESH STUDENTS



The first days in college are very special in every student's life. There is the excitement of progressing to college from school and at the same time there is the anxiety of a new environment. There is suspense over new batchmates and friends and there is fear of ragging. The mind is full of questions and expectations. "What will my college be like? Will I make as good friends as I had in school? Will my seniors bully me? I will be staying away from home for the first time, where will I stay? Other than academics, what opportunities will I get in college? Are there any scholarships or fee waivers that I can avail? Will I need to buy books or will the library be adequate?" The questions are endless.

Orientation at Acharya Narendra Dev College should help you get answers to most of the questions raised above...and more. Besides giving you a brief overview of what academics in college will be like

it aims to also give you good exposure to other areas that you can explore while in College. The college gives ample opportunities for students to experiment - both figuratively and literally!

Research at the UG level is big, real big, in college. Orientation Workshops that provide an introduction to diverse activities and societies in the college is how you would start your first few days in College - Research, Theatre, Social responsibility, Sports, Entrepreneurship, Talent hunt, Use of and data feeding in the ERP, Counselling.... are some of areas you will explore. You also come to know what SAKSHAM, EXPLORE, ELITE, SPIE, EL, ANDY, Dhvani, Dhun, Sashakt, etc. stand for!

What's special and enjoyable about these workshops that are held in parallel and in groups, is that they are mostly conducted by second and third year students - so you get to interact with seniors in a friendly atmosphere and you learn from them what it means to be a student at ANDC! You also interact with other fresh students in an informal manner! Then, of course, an interactive session with the Principal and one with the Department in which you have joined, rounds up the Orientation!



We hope ALL first years students will attend the Orientation Programme; it surely will help you integrate into the ANDC family easily!







## GOOD PRACTICES PAN-INDIA RECOGNITION

The College continually strives for a fundamentally enriched teaching methodology that includes personalized tutoring/mentoring of students, active learning activities within the classroom, and classroom assessment techniques to provide non-graded feedback resulting in a definite improvement in student learning behavior.



The crowning glory of these efforts has been recognition of the College for Good Practices at National and State levels some of which are mentioned here as under:



- Accredited 'A' Grade by NAAC, University Grants Commission with a score of 3.31
- Ranked high in the College category in India Ranking 2018 by NIRF, MHRD, Govt. of India and in various newspaper surveys.
- Seven (07) departments of the College are recognized for financial support under the Star College Scheme of the Department of Biotechnology (DBT), Govt. of India.

These awards and national recognitions have set us apart from all other colleges in DU in so far as paradigm shift in teaching-learning methodology is concerned. Some of the more important activities include:

- Research by the Faculty and Students (at the UG level)
- Promotion of Entrepreneurship and Skill Development
- Social Outreach
- Theatre in Education
- Open Education Initiative

## RESEARCH – IGNITING YOUNG MINDS AND STOKING THE FIRE OF CURIOSITY

ANDC's commitment to best research practices is in keeping with understanding the unique role that research plays in meeting global challenges in higher education. The College envisions bringing research into the classroom to augment regular teaching-learning process through active participation by students in research projects as a major co-curricular activity.

Over the years, the faculty in the College has been successful in garnering financial support for research from government funding agencies including UGC, DST, DBT, MoEF, ICMR, etc. The research projects help develop state-of-the-art laboratories in the College besides providing students with an exposure to cutting-edge technology in frontier areas of science. The laboratories serve to ignite curiosity for research in the minds of the students leading some to get inspired to pursue doctoral studies.

Thus far, research grant amounting to more than Rs. 3 crores has been received in the College for about 20 major extramurally funded research projects. One of bilateral projects has seen cooperation between Slovenian scientists from Europe and the College faculty with exchange visits involved. A total of 13 hi-tech research laboratories have been established to pursue advanced scientific research and the College currently has 15 odd students pursuing their Ph.D. under the supervision of 16 faculty members, duly recognized as guides, by the University of Delhi. Active

research has led the faculty and students to travel for conference-presentations both in India and abroad, publish more than 300 research papers in the last 10 years in peer-reviewed International and National journals of repute besides many in Conference Proceedings.

Faculty members and Ph.D. students have also got opportunities to train abroad through long-term and short-term Fellowships. Some of the internationally renowned laboratories/institutes with whom the college faculty has active ongoing research collaboration include

- Norwegian Institute for Air Research, NORWAY
- Jozef Stefan Institute, SLOVENIA
- International Society of Protistologists, USA
- National History Museum – London, UNITED KINGDOM
- University of Edinburgh, UNITED KINGDOM
- University of Bordeaux, FRANCE

Research and Innovation Laboratories running in College

1. Material Science Laboratory
2. Sensing Materials and Devices Laboratory
3. Environmental Monitoring and Assessment Laboratory
4. Polymer Research Laboratory
5. Chemical Biology Laboratory
6. Th!nk Laboratory (exclusive student-run laboratory): CUBE Laboratory (in collaboration with HBCSE, Tata Institute of Fundament Research, Mumbai)
7. OPEN Laboratory
8. Ciliate Biology Laboratory
9. Anti-mycobacterial Drug Discovery Laboratory
10. Insect Vector and Pests Laboratory







11. Microbial Technology Laboratory
12. Mathematics Research Centre Laboratory
13. Inorganic Chemistry Laboratory

One of the pioneering initiatives in the College is the Th!nk laboratory which provides a platform to the member undergraduate students to think and work collaboratively and freely without any face-to-face interface from faculty. The students work in groups on various experiments that are designed and executed by them. The group is part of an online community CUBE (created by Homi Bhabha Centre for Science Education, TIFR, Mumbai) and all experimental plans, designs, methods, results and conclusions are discussed virtually with members of CUBE centres all over the country.

The College also has two Instrumentation laboratories (Physical Sciences and Life Sciences) where students and faculty have access to state-of-the-art instruments.

The impetus for UG research at ANDC begins with ELITE– ‘Education in a Lively Innovative Training Environment’ Summer Fellowship Programme wherein 200 students get an opportunity to take up projects during summer holidays and a stipend of Rs. 1000/- per month is offered. Students who excel in their research work and show aptitude and inclination are identified and picked-up for advanced training.

### Research Alumni - speak

Bishal Kumar Das (2013 - 2016)

Presently at - Department of Ecology, Czech University of Life Sciences, Prague, CZECH Republic

“The idea of becoming an ecologist and saving wildlife didn’t just pop into my mind like that. Apart from my interest in the biological world, I always had an inclination



towards science and innovation in general. An education to drive those facts present in the book, into the real-time application, is what I seek. During my bachelor studies in Botany at Acharya Narendra Dev College, I was provided with all essential tools to sharpen my passion and curiosity. The opportunity of having research experience during my bachelor studies through various platforms like “ELITE Summer project”, “Science Society (Think Lab)” and “Innovation Project” really helped me in my path towards post-graduation. I’m also very grateful to the skilled teachers or mentors for their guidance during my bachelor education and research. This foundation during my bachelor is still helpful in my journey of doctoral education.”

Mohd. Aiman Ali Raza (2012 – 2015)

Presently at - Charge d’études R&D: Essilor, Paris et ENTPE, Lyon, FRANCE

“When I look back in time, joining ANDC was the best decision I could have made. The exposure I got with SPIE, ANDC Chapter and the multidisciplinary approach of B.Sc. in Physical Sciences (Electronics) has brought me here. I couldn’t stress more the importance of a multidisciplinary approach in graduate level to be competitive in the current market situation. The faculty and our principal gave me endless opportunities to find my calling and moulded me to what I am now. I owe my current standing to ANDC and its spirit of an all-round development.”

## BEYOND CHALK & TALK: INNOVATIVE TEACHING METHODS

As an institution of higher learning, we adopt novel pedagogical techniques that involve inputs from theatre, film making, debating, audio- recording, discussion, photography, etc. Project-based learning is the backbone of the teaching-learning process adopted in this college. Some of the novel articulations in the teaching-learning exercise include field and industrial trips to make education at ANDC an enriching and enjoyable experience.

The IT and multimedia enabled classrooms and the laptops issued to the students encourage self-learning, particularly since the Operating System is 'Open Source'.

Teachers use a lot of multimedia materials in class; but pedagogically speaking, what the students bring to the table and

contribute in class is equally important to us. It is important to dissolve the disconnect, between what is there in textbooks and what transpires around them – students need to acquire the ability to apply the learnt concepts to solve real-life problems. We provide ample opportunities for students to explore and learn, and improve their skill-set. In order to take advantage of the best available educational training and resources, web- based courses and field work are now increasingly being utilized to supplement teaching.

The College conducted a video conferencing course on Genomics, Proteomics and Bioethics which that was coordinated by Ohio State University (USA), Houston University (USA), Anna University, Chennai and Garvare College, Pune.

In order to facilitate the adoption of Open Source software in education, the new entrants to the College are provided training, at the Orientation programme as well as follow-up workshops during the semester.













# ENTREPRENEURSHIP OPPORTUNITIES: FROM JOB SEEKER TO JOB CREATOR

With the changing social traditions, creation of self-employment opportunities and acquiring entrepreneurship skills have become de-rigueur. The College established an Innovation & Entrepreneurship Development Centre (IEDC) under the aegis of National Science and Technology Entrepreneurship Development Board (NSTEDB), Department of Science and Technology (DST), Govt. of India. The Centre envisions motivating students to take up entrepreneurship in a proactive manner by helping them imbibe the pre-requisite information for establishing a start-up and creating self employment opportunities.

A unique facility – the Entrepreneurship Lab is the nerve centre for experimenting with entrepreneurship ideas and concepts. This initiative has already matured in the form of ANDY, an in-campus company that reflects the spirit and energy of ANDC's youth.

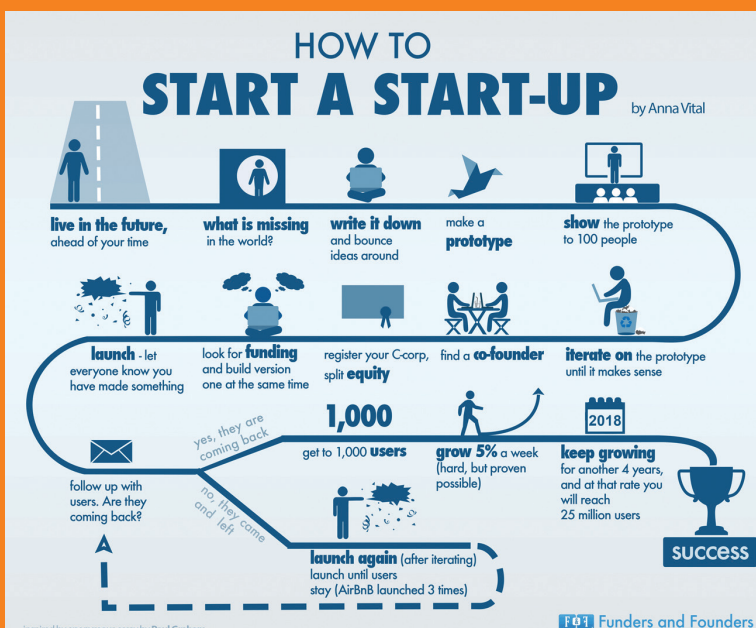
In recognition of these efforts, the Ministry of Micro, Small and Medium Enterprise (MSME),

Govt. of India provided a grant of Rs. 66 Lakhs for establishing a Business Incubator (BI) to support the commercialization of innovative ideas generated in the college.

It is a matter of great honour for the College that it has been also sanctioned an Incubation Centre by the Department of Training & Technical Education, Government of NCT of Delhi with a grant of Rs 1.5 Crores per year, thus joining the elite group of educational institutions which have been sanctioned Incubation Centers in Delhi. The incubation centre is formally referred to as ANDC Instart Foundation and is located within the campus of the college.

ANDC Instart Foundation understands that the start-up world is like a roller-coaster ride - volatile and shaky with extreme swings between meteoric highs and abysmal lows. In order to arrange a seamless transition from formal education to a young company, the college provides the entire start-up ecosystem in one place. Some of the more prominent opportunities to come up with innovative ideas catering to global demand include space for curated business interactions, dedicated office cubicles, the strong bulwark of Govt. funded incubation space, state-of-the-art laboratories with research grade equipments, 24 x 7 electricity and water supply, blazing fast 100 Mbps internet and a secure environment.

Some of the incubatees of ANDC Instart Foundation have been Alumni of the college and notable start-ups by them are M/s Elpida Industries Pvt. Ltd.(Mr. Arpit Mishra), M/s Fiction Goon Films Pvt. Ltd. (Mr. Rishabh Srivastava) and M/s Global Theatre Media and Films Pvt. Ltd. (Mr. Aaqil Jameel).



# ENTERPRISE RESOURCE PLANNING (ERP) – THE DIGITAL CAMPUS INITIATIVE

Keeping in tune with modern technology, ANDC introduced the cloud-based ERP suite in 2014. ERP's involvement in a student's life begins right at their point of entry in the college. Their RFID enabled 'smart' identity cards will allow entry into the college and act as library cards.

Gone are days of serpentine queues in scorching sun for depositing admission fees within fixed times. ERP permits online fee payment services with added transaction security since all receipts are generated in the digital mode. College Library is completely RFID enabled through ERP with students having the facility to self-issue and return books, and you can imagine how happy the students at this efficient mode of functioning!

Faculty mark attendance online and several also conduct on-line assessments. Each student's unique 'dashboard' on the ERP provides details of his/her attendance

as well as internal assessment marks in real-time. We make doubly sure that information reaches students through the group-email and SMS facility that is integrated within the ERP system. Reaching out to students (and getting their feedback) in their classes, tutorial or practical groups, societies, committees and clubs is eased using this integration. Students can apply/register for any of the internal scholarships, or any workshop/conference/ activity through the system.



Secure: https://g01.kolaband.com/SelfService/Attendance/Attendance.aspx?121260636

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Attendance

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Back to profile

Subject: GE BOTANY - GE, BOT-GE, BOT Activity: THEORY Faculty: DR. CHANDU KHOSLA GUPTA Date: 03-04-2018 Time: 10:45:10 AM

Total No. of students: 43 Total Present: 23 Total Absent: 20 Mark Period as No Class 7 (0)

Attendance Sheet

Roll No.	Is Present	Registration No.	Student Name	Leave Type	Remarks
YO-239	<input checked="" type="checkbox"/>	17001554621	POOJA KHATTAR	Select Class	
YO-250	<input checked="" type="checkbox"/>	17001554491	SHIKHA YADAV	Select Class	
BATCH: (B.Sc.) (Regular) 2009/JCY 2017-20 SESSION: SEMESTER 2 CLASS: CLASS - 2 - 1					
Y-1001	<input checked="" type="checkbox"/>	17001561801	AARUSHI	Select Class	
Y-1002	<input checked="" type="checkbox"/>	17001561802	ADWAY GRI	Select Class	
Y-1003	<input checked="" type="checkbox"/>	17001561803	ADWEEK RAJAK	Select Class	
Y-1005	<input checked="" type="checkbox"/>	17001561804	ADWAT MEHRA	Select Class	
Y-1006	<input checked="" type="checkbox"/>	17001561805	AJAY CHAKRA	Select Class	

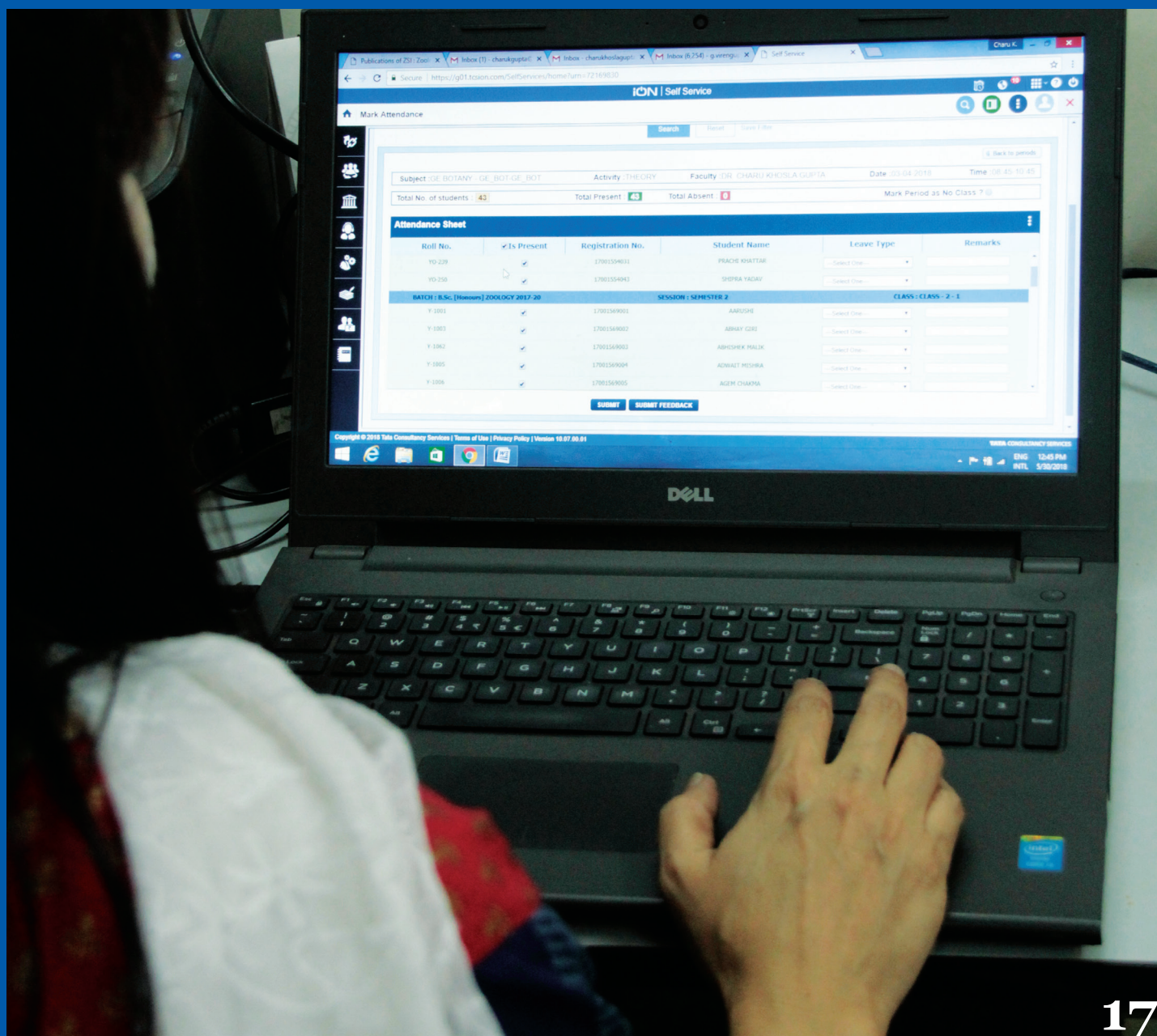
Submit Submit Feedback



Students can exercise their choice and apply for their optional GE, SEC, DSE papers too using the ERP. Students' registrations, in the Placement Cell and in various campus recruitment drives and processes are enabled through the feature-rich ERP. An exclusive 'Helpdesk Facility' to the students to report any problems related to various facilities in the college like canteen, fans/ lights, library, drinking water etc. is also enabled.

ERP automatically identifies Final year students as Alumni every year and information about Reunions/programmes are regularly sent to them via emails over the years.

In view of the fact that the ERP is crucial to their efficient use of facilities in the college, students are advised to keep their email ID and phone number as well as the password for the access to their own dashboard updated!





## LEARNING BY DOING: HANDS-ON TRAINING

To facilitate the enhancement of knowledge base and adoption of modern technology in all the fields of academic endeavour, the College emphasizes on constant up-gradation of skill-sets. This is achieved through organization of various workshops, conferences, seminars, webinars, symposia etc. These cover various academic as well as pedagogic issues.

We often call in experts when we identify an area that we wish to explore. This provides an opportunity for the College community to interact with experts from diverse fields. In addition, it gives space for some novel hands-on learning not only for students but also for faculty and non-teaching staff.

The College is also recognized for its excellence under the 'Star College Scheme' funded by Department of Biotechnology, Govt. of India. Under its aegis, many



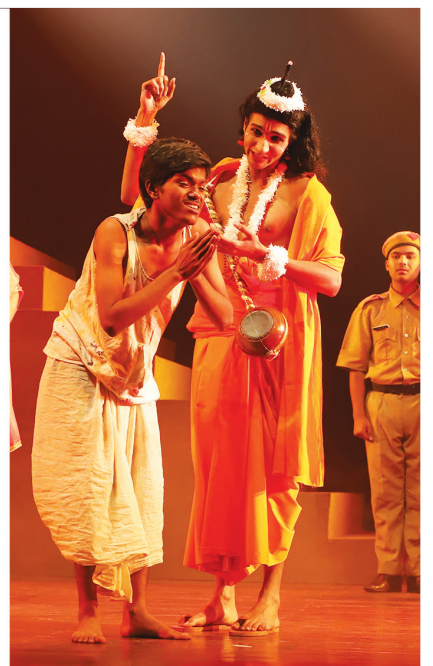
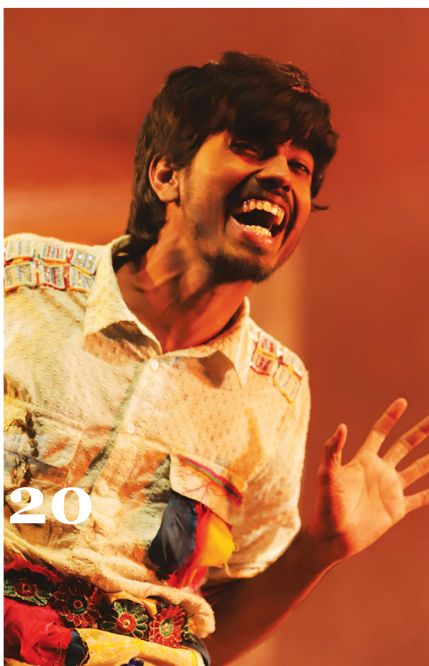
experts have visited the college, including from USA (University of Rochester) and UK (University of York) and championed interdisciplinary yet contemporary topics ranging from 'Applications of Biomedical Imaging in Drug Discovery', 'The Global problem of Pharmaceutical Pollution', 'Energy Harvesting', 'Contemporary Environmental Concerns' to name a few.













## THEATRE – AN ENABLING EXPERIENCE

*Dhwani* - the theatre society allows the students to showcase their artistic talent and creative skills. Besides routine skits, street plays etc., *Dhwani* also nurtures personal growth by inculcating a sense of responsibility, trust and resourcefulness. It provides a platform for students to exhibit their acquired skill-set in the form of a mega Annual Theatre Production each year – we have gained repute for putting up the most professional of productions among the theatre circles.

In order to empower students with self confidence and effective communication the College believes in using theatre as an enabling medium. To this end, the College runs a certificate course, ECPDT (Effective Communication and Personality Development through Theatre), which



encompasses dedicated 100-hours of rigorous training. The course is inspired by the vision of life-skills-based education of UNICEF and WHO, and dedicated resource persons associated with National School of Drama act as mentors. Training under ECPDT helps students overcome common predicaments like stage-fright and getting tongue-tied in public, and acquire proficiency and dexterity thus developing a complete turn-around in their personality.

### Student-speak

Gone are the days when theatre used to be just an extra-curricular activity. Now it's being combined with academics to provide a wholesome education to students. In theatre we learn the ability to express ourselves and gain confidence. These help us in choosing our careers well and excel in them. We learn concentration and the power of multi-tasking. Theatre in education is indeed a wonderful venture to enrich our lives with all the skills required.

Ms. Chaitanya Raj  
B.Sc. (H) Physics –VI Semester  
Member, *Dhwani* (since July 2016)





## STUDENTS' EMPOWERMENT: MAKING THEM STRONGER AND CONFIDENT

The College understands the importance of educating students to become aware of who they are as a person and what they can contribute to their peer group. This goal can be achieved by encouraging students to work together, use their social skills and develop their leadership qualities. Besides, diversity along the dimensions of gender, socio-economic status, physical abilities, religious beliefs, political beliefs, or other ideologies also mark our society. We believe in providing an environment for exploration and understanding of these differences.

*SASHAKT* is the College society dedicated to empowering the girl students through

discussions, seminars and other activities. It aims to encourage the girl students to grow up into independent, confident women, capable of taking their own decisions and speaking out against society-driven atrocities. That there is a greater need to educate the males in the society has to be recognized if we are to attempt to sensitize and eliminate deep-rooted social malice towards women.

*SAKSHAM* (Student Aid for Knowledge, Success, Honour and Motivation) is a scheme that provides financial aid (often not only free-ships, but also monthly stipends and book-banks) to needy students for the entire duration of their study in the college. *SAKSHAM* has resulted in several success stories in the College!

Funded solely by the College, *EXPLORE* (Excursions for Peer Learning in an Open and Rejuvenating Environment), allows students to undertake short trips, educational tours or field trips accompanied by their classmates and faculty. These trips rejuvenate the students and provide them unique experiences.



*STUDENTS' COUNCIL*, the name the students' union goes by in the College has elected positions of the Mayor, Deputy Mayor, Treasurer, Council and Cultural Secretary and Class representatives. Working in the students' union has many advantages with the first being the ability to drive change. By leading campaigns and organizing events, one can steer the direction of the society, the university, and advance the causes that that one believes in and this allows one to hone the important life skill of empathy besides developing good interpersonal skills.











## SPORTS

Students are the builders of the Nation and at ANDC, a lot of impetus is given to physical fitness and sports so that they develop into disciplined individuals with proficient minds. The College has two Sports Instructors with one of them being a *Dronacharya Awardee* (highest honour for sports coaching in India) and under their guidance the students are scaling new heights in sports.

The College has facilities for table tennis, chess, cricket, football, volleyball, basketball



### ANDC Sports activity calendar 2019 – 2020 (tentative)

S. No.	Activity	Dates
1.	Sports Selection & Coaching	1 <sup>st</sup> August to 16 <sup>th</sup> November 2019
2.	Sports League (Coaching / Competition)	1 <sup>st</sup> October to 8 <sup>th</sup> November 2019
3.	ANDC Delhi University Inter College Para Sports Meet	13 <sup>th</sup> November 2019
4.	Sports Coaching	1 <sup>st</sup> January to 28 <sup>th</sup> April 2020
5.	Sports Week	3 <sup>rd</sup> February to 14 <sup>th</sup> February, 2020
6.	Sports Day	14 <sup>th</sup> February 2020

and athletics. Exclusive coaching classes are held by specialized instructors for training the focused students to take up sports as a viable career option.

ANDC lays special emphasis towards promotion of sports for para-athletes. The College organizes an annual multi-sport event involving athletes with a range of

disabilities, including impaired muscle power, passive range of movement, limb deficiency, vision impairment and intellectual impairment.

Sports is treated as a full-fledged subject as part of Physical Education in the College and taught as Generic papers in various undergraduate courses.

**ACHARYA  
NARENDRA DEV  
COLLEGE**  
( UNIVERSITY OF DELHI )



## EXTRA-CURRICULAR ACTIVITIES (ECA): LEARNING BY FUN

The College strives to provide an enabling environment to every student to polish their non-scholastic skills by participating in various extra-curricular activities. In furtherance of this objective, many societies have been constituted such as National Service Scheme (NSS), *Paritantra* (Eco Club), *Tark* (Debate Society), *Dhwani* (Theatre Society), *Dhun* (Music Society), *Sashakt* (Women Empowerment Society), Choreography Society, Photography Society, etc. These societies provide students opportunities and guidance throughout the year to participate and excel in the activities of their interest. Students may join as many societies as they like.

The College has an active SPICMACAY (Society for Promotion of Indian Classical Music and Culture Amongst Youth) unit



that organizes performances by stalwarts of Indian classical music and culture. Many distinguished maestros like Rajan and Sajan Mishra, Pandit Vishwa Mohan Bhatt, Ashwani Bhide, Wadali Brothers, Ustad Mazhar Ali Khan and Ustad Jawaad Ali Khan, Ritesh and Rajneesh Mishra, Pandit Sanjeev Abhyankar, Aashish Khan and many others have performed in the College. In addition, workshops for Indian traditional art forms like Madhubani and Kalamkari are also organized. Further, movies of world-renowned directors like Satyajit Ray, Ingmar Bergmann and Charlie Chaplin have been screened.

The annual fest of the College 'Leiothrixx' is an event to showcase the diverse talent of students and hone and polish their latent skills. Students get an opportunity to showcase their dance, singing, acting, painting, debating, and many other skills. These events also bring to the fore the organizational skills and leadership qualities of the students. The literary skills of the students are abundantly reflected in the annual magazine, 'Insight'.









## SOCIAL OUTREACH: SENSITIZATION TOWARDS SOCIETAL CHALLENGES

Over the years, students have shown remarkable maturity of thoughts, creativity and sensitivity for various facets of society and environment. The National Service Scheme (NSS) unit at ANDC brings students face-to-face with the realities of our social fabric, making them more sensitive and humane. Some thrust areas that NSS caters to are organizing health-check camps, blood donation camps, awareness programmes on AIDS, Thalassemia, smoking and use of tobacco, etc.

A notable contribution of the NSS unit has been its commitment to 10 Thalassemic girls from economically weaker background to provide for their blood transfusion needs throughout the year.

The NSS unit has adopted a few urban villages in Delhi for community development. Creating social awareness through 'Sahyog', the Diwali Mela and contributing to the efforts of 'Goonj' also form part of the NSS activities.

*Paritantra*, the Eco-Club conducts environment awareness programmes using posters, street plays, visits to biodiversity parks, cleanliness drives, etc. The College received 'Plastic Free College of the Year Award' at the National Environment Convention 2018 for freeing the campus from single-use plastics.









## STUDENT INCLUSIVENESS & WELFARE

### North-East Students' Cell

To create an environment of inclusivity, the College has nurtured a forum for periodical deliberations on issues and concerns related to students from the North-East region and also to give students from the NE due representation in the College. The concerns may be related to a variety of matters including adapting to Delhi and the demands of college life. The main objectives behind this cell are counseling, mentoring, assisting and assimilating the students from the NE region. This forum also strives to promote awareness and celebrate the region's unique and magnificent cultures.

### Equal Opportunity Cell (EOC)

The Equal Opportunity Cell (EOC) of the College strives hard to ensure equality for persons with disabilities (PwD) to ensure their assimilation into the mainstream. The efforts of EOC have sensitized the entire college community towards people with special abilities and needs. This has also resulted in inspiring a number of differently-abled students to come forward for para-sports – a field that our sports faculty member specializes in.

### Medical Consultation and Psychologist/Counsellor Facility

ANDC engages services of a Medical Consultant and Psychologist/Counsellor in the College for the well-being of the students as well as staff members. Details of their availability in the Medical Consultation Room are mentioned as follows:

- Dr. Kamala Rao, Senior Medical Officer (Physician and Gynaecologist) is the medical consultant. Available on

Tuesdays and Thursdays from 11.00 a.m. to 1.00 p.m.

- Ms. Ambika Bharadwaj, Psychologist/Counsellor. Available on Mondays from 11.00 a.m. to 2.00 p.m.
- Ms. Shilpi Kapoor, Psychologist/Counsellor. Available on Fridays from 11.00 a.m. to 2.00 p.m.









## INFRASTRUCTURE

The College is amongst the best equipped in the University in so far as the laboratory infrastructure is concerned. We have state-of-the-art instruments that are used for regular teaching as well as

for projects and research by students and faculty. They are sufficient (and more) in number to ensure that each student gets hands-on learning experience in the laboratories.

**Some of the equipment that has attracted attention include the following:**

UV spectrophotometers	Quartz Crystal Microbalance	Thermal Evaporation system	Surface Plasmon Resonance set-up
Keithley Source meters	Gas Sensing Test Rig	Optical Breadboard	Vacuum Annealing set-up
Glove box with atmosphere control	Agilent/Tektronix Digital Storage Oscilloscopes	Physiological Data acquisition system (Bio-pack)	Fluorescence microscope
ELISA reader	Refrigerated micro-centrifuge	Lyophilizer	Gel Documentation system
Phase contrast microscope	Dot-blot system with vacuum pump	Refrigerated incubator shaker	-20 OC Deep Freezer
Gel Electrophoresis (horizontal/vertical)	Western Blot	Spirometers	Tissue culture facility
Millipore water purifier	PCR and gradient PCR	Arbitrary Function Generator	Fiber Optic Trainer
Complete Holography set-up	Amplitude Mod/Demodulator Trainer with Spectrum Analyzer	PCB Drafting & Fabrication Setup	Laser Trainer Kits

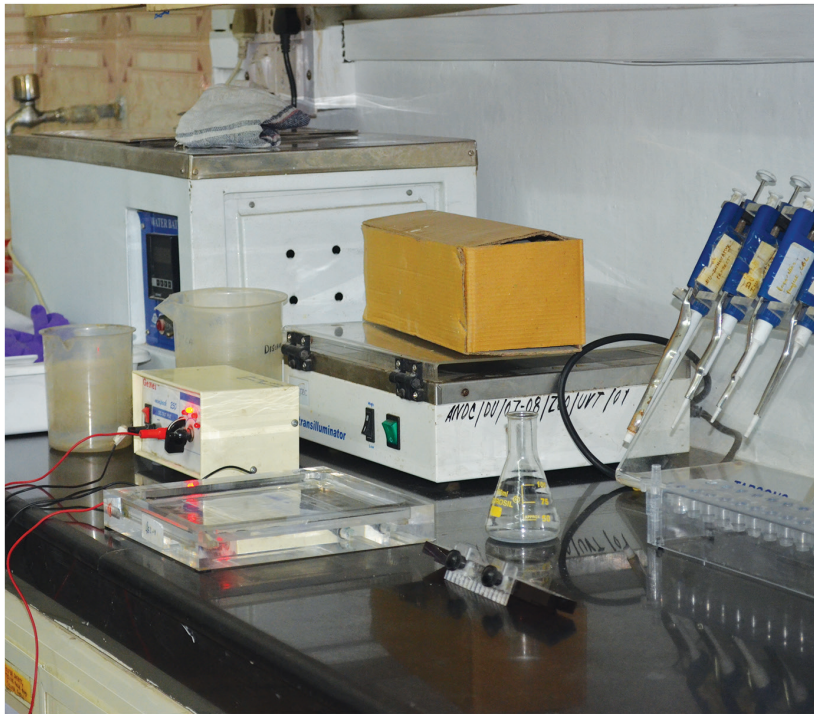
### **The College has two air-conditioned conference rooms.**

ANDC has an enviable air- conditioned library that houses a comprehensive collection of over 27,000 volumes covering all the discipline courses. All issue/return maneuvers are automated through 'smart cards' based on RFID protocol thus reducing dependence of the student on library staff to minimal. The campus boasts of an excellent Wi-Fi connection (24 x

7) at speeds in excess of 100 Mbps. The College also subscribes to several reputed journals and periodicals. In addition, the services provided by INFLIB-NET and DU library system help provide online access to hundreds of journals.

A hygienic canteen offering food at subsidized rates, a shop that stores all kinds of stationery for students, the Girls' Common Room, a mini-gym, and space for indoor and outdoor games are eagerly awaiting the new entrants.







## VISITORS AND RECOGNITIONS

### Eminent Guests & Speakers

The College has had the privilege of hosting a galaxy of distinguished personalities from diverse fields like academia, politics, social work, sports, art, literature and public service. To name a few, Prof. Hark Hoe Tan (Australian National University, Australia), Prof. Alistair B. A. Boxall (University of York, UK), Prof. Milena Horvat (Jozef Stefan Institute, Slovenia), Dr. Soumya Mitra (University of Rochester, USA), Prof. Alan Warren (Natural History Museum, London), Dr. H. Phillip Stahl (NASA, USA), Dr Manda Clair (Western New Mexico University), Prof. C. R. Babu, Prof. Sudhir Sopory (JNU), Richard Stallman (Free Software Foundation), Professor Yash Pal, Davendra Jhajharia (Padma Shri and Arjuna Awardee), Ms. Shiela Dixit, Ms. Kiran Bedi, Shri Manish Sisodia, Dr. Girish Sahn (DG, CSIR), Dr. D. Salunke (Director, ICGEB) and Prof. V. Ramgopal Rao (Director, IITD). The visitors have expressed their appreciation for the giant strides the College has been continuously taking in various fields.

### Recognitions Galore: Feathers in the Cap

The College is well on its way to being granted STAR College status since 7 of its departments (Biomedical Science, Botany, Zoology, Chemistry, Physics, Computer Science and Electronics) have already won grants under the strengthening component of Star College Scheme by Department of Biotechnology (DBT, GoI). The program emphasizes holistic improvement in Science education at UG level and thus offers an opportunity to young scholars and faculty at

UG level to excel in their scientific career.

Our faculty has brought many accolades to ANDC. Four teachers of the College have been recognized by the University for Teaching Excellence. In 2017, a faculty member was honored on the occasion of the 95th Foundation Day of the University of Delhi with the prestigious 'Excellence Award for Teacher in Service in College', given to highly deserving individuals who have rendered exemplary service to the University. Eight teachers have been awarded the Meritorious Teacher awards by the Directorate of Higher Education. Our faculty members stand out also when they win awards for their books or are invited to be editors of journals.

We are also proud of what our students achieve after they leave college – the alumni of ANDC have joined many prestigious institutions of higher education in the country as well as the world.









## SCHOLARSHIPS, FELLOWSHIPS AND STIPENDS: LAURELS TO BE EARNED

At Acharya Narendra Dev College, our focus has always been on the students, whether it is the quality of education

provided in the classroom or supporting a student financially so that he/she can continue his/her studies. The scholastic merit of the students in the College is recognized by the number of scholarships/fellowships that they receive from various sources within the College as well as from external sources. Details of the scholarships/fellowships available are as follows:

Name (Number) of the Fellowship	Type	Award amount (in Rs.)	Eligibility	Criteria
D. C. Arora Fellowship (4)	Meritorious	6,000/-	All ANDC students	Marks secured in 1 <sup>st</sup> and II <sup>nd</sup> years
	Needy	6,000/-	All ANDC students	At least 60% marks and 75% attendance in the academic year. Proof of family income is a must.
Teena Gupta Memorial Scholarship (6)	Meritorious	6,000/-	B.Sc. (H) Electronics B. Sc. (Physical Science with Computer Science)	60% marks in the previous year (cleared in the first attempt), 75% attendance
Dr. (Ms.) Usha Aggarwal Tejaswini Scholarship (3)	Meritorious	3,600/- for each semester	B.Com. (H)	Class topper of B.Com. (H) in Semester I and II
Sri Sultan Chand Endowment Scholarship (1)	Meritorious	3,500/-	B. Com. (H)	Second topper in the second year of B. Com. (H)
Pushpa Paul Memorial Scholarship (2)	Meritorious	15,000/-	Girl students	Girl student/s with a vision for the future
Abhinav Halen Scholarship (2)	Needy	15,000/-	B.Sc. (H) Electronics	Low family income. Proof of family income is a must.



Krishna Toteja Memorial Scholarship (1)	Meritorious and needy	6,000/-	Girl students of B.Sc. (H) Zoology	Meritorious girl student with low family income. Proof of family income is a must.
Asha Walia Memorial Scholarship (1)	Meritorious and needy	6,000/-	B.Sc. Life Science	Meritorious student of B.Sc. Life Science with a low family income. Proof of family income is a must.
Urmil Gupta Memorial Scholarship (1)	Meritorious and needy	6,000/-	B.Sc. (H) Chemistry	Meritorious student of B.Sc. (H) Chemistry with a low family income. Proof of family income is a must.
Professor Savithri Singh Research Award (1)	Best student researcher	12,000/-	All ANDC students	Best UG student researcher at ANDC
<i>Shraddhanjali:</i> Dr. Saumya Saxena Students Endowment Scholarship (2)	Meritorious and Needy	6,000/-	B.Sc. (H) Botany	Meritorious 2nd year student (based on 1st year performance) and 3rd year student (based on 2nd year performance) with low family income. Proof of family income is a must.
Dr. Saumya Saxena Memorial Scholarship (1)	Meritorious and Needy	Rs. 10,000/-	Girl students of B.Sc. (H) Botany	Meritorious girl student with low family income. Proof of family income is a must.
AND College Academic Awards	University of Delhi Positions	I – 10,000/- II – 6,000/- III – 4,000/-	All ANDC students	Ist, IInd and IIIrd position in the University of Delhi in the semester examinations
	South Campus Positions	I – 4,000/- II – 3,000/- III – 2,000/-	All ANDC students	Ist, IInd and IIIrd position in South Campus, University of Delhi in the semester examinations
	Class Toppers	1,500/-	All ANDC students	Ist position with at least 75% marks in the class in the semester examinations



Student Aid for Knowledge, Success, Honour and Motivation (SAKSHAM)	Needy and deserving	1.Full Fee Waiver (Except Security Deposit) 2. Rs. 800/- per month stipend for ten months 3. Book Bank Aid 4. Stationery + Photostat upto Rs. 3000/- for the whole academic year	All ANDC students	Low family income, 75% attendance. Proof of family income is a must.
Earn While You Learn	Needy	Variable	All ANDC students	Based on need and willingness to work
Best All Round Student of the Year (1)	All Rounder	10,000/-	All ANDC students	Final year student who is meritorious and actively participates in various committees of the college, active in research and wins prize/awards for the college

## CAMPUS PLACEMENTS: CONSOLIDATING THE FUTURE

The Placement Cell of the College helps the students to find suitable jobs by organizing placement drives. Reputed companies such as Genpact, HDFC Life Insurance Company Ltd., WIPRO WiSTA and WASE, IBM, Libsys, TCS, Concentrix

Daksha, Millenium Auto System, Converges, Bonanza, Reliance JIO and many others recruit students every year from our campus. In the last academic year, around 130 students got job offers in the campus placement drive. Recently, the College has been empanelled under the Pradhan Mantri YUVA Yojna. The College Placement Cell also acts in conjunction with the Central Placement Cell of the University of Delhi. Our Placement Officer was felicitated for his stellar role in placements by Wipro.



## STAFF

<b>Dr. Ravi Toteja</b> Officiating Principal	<b>Dr. Amit Garg</b> Public Information Officer	<b>Dr. Geetu Gambhir</b> Bursar
<b>Dr. Dinesh Kr. Arya</b> Liaison Officer (SC/ST)	<b>Dr. Chaman Singh</b> Liaison Officer (OBC)	<b>Ms. Rupali Pabreja</b> Liaison Officer (PwD)
<b>Dr. Subhash Kumar</b> Nodal Officer (North East and Foreign students)	<b>Mr. Manoj Kumar Garg</b> Nodal Officer (EOC)	<b>Mr. Sanjay Vohra</b> Placement Officer cum Instructor

## FACULTY

S.No.	Name of the Faculty	Designation
DEPARTMENT OF BIOMEDICAL SCIENCE		
1	Dr. Urmi Bajpai (TIC)	Associate Professor
2	Dr. Sunita Jetly	Associate Professor
3	Dr. Gagan Dhawan	Assistant Professor
4	Dr. Archana Pandey	Associate Professor
5	Dr. Rajesh Chaudhary	Assistant Professor
DEPARTMENT OF BOTANY		
1	Dr. M.S. Rajeswari	Associate Professor
2	Dr. Anupama Shukla (TIC, Botany)	Associate Professor
3	Dr. Anita Narang	Associate Professor
4	Dr. Charu Khosla Gupta	Associate Professor
5	Dr. Geetika Kalra	Associate Professor
6	Dr. Yasheshwar (TIC, Life Science)	Assistant Professor
7	Dr. Rashmi Sharma	Assistant Professor
DEPARTMENT OF CHEMISTRY		
1.	Dr. Sunita Hooda	Associate Professor
2.	Dr. Seema Gupta	Associate Professor
3.	Dr. Pooja Bhagat	Associate Professor
4.	Dr. Shallu Sachdeva	Associate Professor
5.	Dr. Rashmi Thukral	Associate Professor
6.	Dr. Neeti Misra	Associate Professor



7.	Dr. Manisha Jain	Associate Professor
8.	Dr. Neelu Dheer	Associate Professor
9.	Dr. Vandana Uberoi	Associate Professor
10.	Dr. Geetu Gambhir (TIC)	Assistant Professor
11.	Dr. Dinesh Kr. Arya	Assistant Professor
12.	Dr. Vikrant Kumar	Assistant Professor
13.	Dr. Pankaj Khanna	Assistant Professor
DEPARTMENT OF COMMERCE		
1	Ms. Sangeeta Relan	Associate Professor
2	Ms. Sadhna Gupta	Associate Professor
3	Dr. Surinder Kaur	Associate Professor
4	Ms. Anuradha Sarin	Associate Professor
5	Ms. Poonam Chauhan (TIC)	Assistant Professor
6	Ms. Rupali Pabreja	Associate Professor
7	Dr. Sandeep Kumar Goel	Associate Professor
8	Dr. Shalu Mahajan	Assistant Professor
DEPARTMENT OF COMPUTER SCIENCE		
1	Dr. Sharanjit Kaur	Associate Professor
2	Dr. Vibha Gaur	Associate Professor
3	Dr. Sunita Narang	Assistant Professor
4	Dr. Harita Ahuja (TIC)	Assistant Professor
5	Dr. Preeti Marwaha	Assistant Professor
6	Dr. Chandra Kanta Samal	Assistant Professor
7	Ms. Anu Preveen (Temp.)	Assistant Professor
DEPARTMENT OF ELECTRONICS		
1	Dr. Sona Pranav Kumar	Associate Professor
2	Dr. Anju Agrawal	Associate Professor
3	Dr. Amit Garg (TIC)	Associate Professor
4	Mr. Vishal Dhingra	Assistant Professor
5	Dr. Udaibir Singh	Assistant Professor
6	Dr. Ravneet Kaur	Assistant Professor
DEPARTMENT OF MATHEMATICS		
1	Ms. Anupama	Associate Professor
2	Dr. Vatsla Kohli	Associate Professor
3	Mr. Gaurav Sharma	Associate Professor
4	Dr. Roopesh Tehri	Associate Professor
5	Dr. Laxmi Narain (TIC, Physical Science with Chemistry)	Associate Professor
6	Ms. Seema Gupta	Associate Professor
7	Dr. Sada Nand Prasad	Assistant Professor



8	Dr. Chaman Singh (TIC, Mathematics)	Assistant Professor
9	Dr. Sarita Agarwal (Temp.)	Assistant Professor
DEPARTMENT OF PHYSICS		
1	Dr. Mamta Bhatia	Associate Professor
2	Dr. Sanjeeta Rani (TIC, Physical Science with Computer Science)	Associate Professor
3	Dr. Manisha Verma	Associate Professor
4	Dr. Shalu Dhanda	Associate Professor
5	Dr. Meenu Mohil	Associate Professor
6	Dr. Arijit Chowdhuri	Assistant Professor
7	Dr. Priti Goyal	Associate Professor
8	Dr. Ranjeet Singh (TIC, Physical Science with Electronics)	Assistant Professor
9	Dr. Subhash Kumar	Assistant Professor
10	Dr. Rachna Joshi	Associate Professor
11	Mr. Pawan Kumar (TIC, Physics)	Assistant Professor
DEPARTMENT OF ZOOLOGY		
1	Dr. Poonam A. Kant	Associate Professor
2	Dr. Sarita Kumar (TIC)	Associate Professor
3	Dr. Monisha Khanna Kapur	Associate Professor
4	Dr. Ravi Toteja	Associate Professor
5	Dr. Monica Misra	Associate Professor
6	Dr. Seema Makhija	Associate Professor
7	Mr. Ravinder Kumar Sagar	Assistant Professor
DEPARTMENT OF ENGLISH		
1.	Mr. Manoj Kumar Garg (TIC)	Assistant Professor

## ADMINISTRATION

Mr. V. S. Rao	Administrative Officer
Mr. Chetanya Sharma	Section Officer Accounts
Mrs. Meenu Malhotra	Section Officer Administration
Ms. Namrata Arora	Officiating Librarian



# ADMISSIONS 2019

## Choice Based Credit System (CBCS)

CBCS has been introduced by DU with a vision to evolve a higher education system that is suitably blended with provision for knowledge values and skill practice, where every student learns without sacrificing his/her creativity.

## 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 offered by the main discipline/subject of study is referred to as Discipline Specific Elective.
- 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 her/his own with an advisory support by a teacher/faculty member is called dissertation/project. Optional Dissertation or project work in place of one Discipline Specific Elective paper (6 credits) in 6th Semester.
- 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. The college offers the following GE papers to the students:

## Generic Elective - I (GE-I) offered by various Departments

S.No.	Department	GE – I
1.	BMS	Biological Chemistry Concepts in Medicinal Chemistry and Drug Development
2.	Botany	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)
3.	Chemistry	Atomic Structure, Bonding, General Organic Chemistry & Aliphatic Hydrocarbons
4.	Economics	Introductory Micro Economics
5.	Computer Science	Introduction to Programming
6.	Electronics	Practical Electronics
7.	English	Language, Literature & Culture
8.	Mathematics	Calculus
9.	Physical Education	Introduction to physical education in contemporary context



S.No.	Department	GE – I
10.	Physics	Electricity & magnetism Digital analog & instrumentation
11.	Zoology	Animal Diversity Insect, Vector and Diseases

Students can choose any one GE-I paper from a department other than their parent department. However, any GE-I paper from the above table may not be offered if a sufficient number of students do not opt for it.

### 3. Ability Enhancement Courses (AEC)

#### 1.1 Ability Enhancement Compulsory Courses (AECC)

Environmental Science, English Communication/ Hindi Communication/ Modern Indian Language (MIL) Communication.

#### 1.2 Skill Enhancement Courses (SEC)

These courses may be chosen from a pool of courses designed to provide value- based and/or skill-based knowledge and should contain both theory and lab/hands- on/ training/field work. The main purpose of these courses is to provide students life- skills in hands on mode so as to increase their employability.

### Scheme for Choice Based Credit System – All B.Sc. (H) and B.Com (H) Courses

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



## Scheme For Choice Based Credit System in B.Sc. Physical Science and Life Science

Semester	Core Course	Ability Enhancement Compulsory Course (AECC)	Skill Enhancement Course (SEC)	Elective: Discipline Specific (DSE)
I	DSC - 1 A DSC - 2 A DSC - 3A	(English/Hindi/MIL Communication)/ Environmental Science		
II	DSC - 1 B DSC - 2 B DSC - 3 B	(English/Hindi/MIL Communication)/ Environmental Science		
III	DSC - 1 C DSC - 2 C DSC - 3 C		SEC - 1	
IV	DSC - 1 D DSC - 2 D DSC - 3 D		SEC - 2	
V			SEC - 3	DSE - 1A DSE - 2A DSE - 3A
VI			SEC - 4	DSE - 1 B DSE - 2 B DSE - 3 B

## Courses Offered and Number of Seats

Undergraduate Courses	Number of Seats	UR	SC	ST	OBC	EWS
B. Sc. (Hons.) Biomedical Science*	55	25	08	04	15	03
B. Sc. (Hons.) Botany	55	25	08	04	15	03
B. Sc. (Hons.) Chemistry	55	25	08	04	15	03
B. Sc. (Hons.) Computer Science*	55	25	08	04	15	03
B. Sc. (Hons.) Electronics	55	25	08	04	15	03
B. Sc. (Hons.) Physics	55	25	08	04	15	03
B. Sc. (Hons.) Zoology	55	25	08	04	15	03
B. Sc. Life Sciences	50	23	08	03	13	03
B. Sc. (Hons.) Mathematics	55	25	08	04	15	03
B. Com. (Hons.)	110	50	17	08	30	05



Undergraduate Courses	Number of Seats	UR	SC	ST	OBC	EWS
B. Sc. Physical Science with Physics, Mathematics						
and Chemistry	50	23	08	03	13	03
and Computer Science	50	23	08	03	13	03
and Electronics	50	23	08	03	13	03
Postgraduate Courses @						
M. Sc. (Chemistry)	34	16	05	03	09	01
M. Sc. (Mathematics)	34	16	05	03	09	01
Foreign Languages #						
(a) Certificate Courses						
French *	68	31	10	05	18	04
German *	68	31	10	05	18	04
Spanish*	68	31	10	05	18	04
Russian	22	10	3	2	6	01
(b) Diploma Courses*						
French	34	16	05	03	09	01
German	34	16	05	03	09	01
Spanish	34	16	05	03	09	01
(c) Advanced Diploma						
French	34	16	05	03	09	01
German	34	16	05	03	09	01
Spanish	34	16	05	03	09	01

The Diploma and Advance Diploma Courses are subject to the admission of minimum number of required students.

As per the University of Delhi rules the following supernumerary seats are reserved:

- ❑ 5% for Persons with Disabilities (PwD)
- ❑ Up to 5% seats under Sports/ECA (Extra Curricular Activities) quota.
- ❑ Up to 5% seats for the wards of Kashmiri Migrants.
- ❑ 5% seats for candidates under CW (Children/Widows) of eligible Armed Forces personal.
- ❑ 5% seats for Foreign students.

\* These courses are self-financed.

@Admission to PG courses is done through a centralized procedure in the University of Delhi.

#The Information brochure and the application forms for the Foreign Language Courses will be available in the College from Monday July 01, 2019 to Tuesday July 16, 2019.



## Admission Guidelines

All the candidates [UR (unreserved), EWS, OBC, SC, ST, PwD, ECA, Kashmiri Migrants, Foreign Students, Children/ Widows of eligible Armed Forces personnel] seeking admission to the Undergraduate (UG) Courses in different colleges of the University of Delhi are required to register online on the following UG admission portal: <https://ug.du.ac.in/app/>

Foreign Students may visit <http://fsr.du.ac.in> for details related with their registration/ admission process.

## Admission Procedure

- The announcement of cut-off lists for all courses/categories (UR, EWS, OBC, SC, ST, PwD, ECA, Sports, Kashmiri Migrants, Foreign Students, Children/ Widows of eligible Armed Forces personnel) will be made through the University as well as college website.
- The candidates must check the University and the College website (<http://andcollege.du.ac.in>) for cut-offs for different courses and the various categories.
- The candidates who meet the requisite cut-off in their choice of subject as well as the category they fall under should login to the UG admission portal and select college/course where the candidate wishes to take admission and meets the desired cut-off criterion.
- A relaxation of 1% in the cut-off will be given to girl candidates seeking admission to the following courses at Acharya Narendra Dev College:
  - a. B.Sc. (H) Chemistry
  - b. B.Sc. (H) Computer Science
  - c. B.Sc. (H) Electronics
  - d. B.Sc. (H) Physics
  - e. B.Sc. Physical Sciences (Computer Science)
  - f. B.Sc. Physical Sciences (Electronics)
- The College will admit all students who have marks that meet the announced cut-off criteria, as per schedule. There is no first-come-first serve policy.
- The candidate 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.
- The candidate should bring the printout of the admission form and the required documents to the College within the specified schedule for a cut off for the verification of mark- sheet, calculation of cut-off percentage and verification of other documents.
- If the documents and marks percentage of the applicant are found in order, 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 payment of Admission Fee.
- At the time of admission, the student must be accompanied by his/her parent/guardian.
- Original documents will be deposited in the College.

### List of Documents Required at the Time of Admission:

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



1. Class X Certificate (Mark-sheet or certificate) indicating date of birth and Parents' names.
2. Class XII Mark-sheet
3. SC/ST/OBC/EWS/CW (Children/ Widows) of eligible Armed personnel/ KM (Kashmiri Migrant) Certificate/s (in the name of the candidate), issued by the competent authority. (The names of applicants claiming reservation under SC/ST/OBC/EWS/CW/KM must match with the names that appear on their corresponding School Board qualifying certificates; similarly their parents' names must match in both sets of certificates).
4. OBC (Non-Creamy layer) Certificate (in the name of the applicant) and the caste must be in central list issued by <http://ncbc.nic.in/backwardclasses/index.html>.
5. EWS Certificate from competent authority certifying the applicant can claim reservation under this category (The names of applicants claiming reservation under this category must match with the names that appear on their corresponding School Board qualifying certificates; similarly their parents' names must match in both sets of certificates).
6. At least two passport size self – attested photographs.

The College will accept self –attested copies of documents/papers provided by the students. If any false attestation / falsified records are detected, the students will be debarred from attending any course in the University or its college(s) for the next five years and in addition, a criminal case under relevant sections of IPC (viz. 470, 471, 474 etc.) will be instituted against him/her.

Admission shall be subject to verification of the certificates. The College retains the right to seek authentication from the concerned authorities issuing the certificates.

The approved candidate is permitted to make online admission fee payment till 12 noon of the subsequent day of the last day of the given admission list. It may be noted that admission in the college is completed only after payment of the online admission fee on the DU UG admission portal within the prescribed time-limit.

The College will retain the certificates of approved candidates in order to avoid multiple admissions by a candidate.

However, the College shall promptly return the documents in case a student withdraws/ cancels the admission or the student wishes to appear in counseling of any other university/institute. Processing for fee refunds (with deductions as per rules) will

be undertaken after the completion of the whole admission process for the year in the College.

A candidate can take admission only in one course in one college at any given time. In case a student wishes to cancel the admission in a course/college, the candidate should approach the college where admission is taken. Only after the College cancels the admission of a candidate, the candidate can proceed to take admission in any other course/college.

Admission fee will be adjusted automatically and student will pay the balance fee, if the fee is more in the new college/programme in which the admission is taken. In case the fee is less in the new college/programme in which the admission is taken, the balance would be refunded to the applicant's account as per the College/University rules after the admissions are closed.



In case the student is already enrolled in the University of Delhi, the University Enrolment Number should be mentioned in the admission form.

## Eligibility Criteria for Admission

There is no minimum age bar for admission to Under-Graduate courses and Post-Graduate courses in the University and its colleges. Selection in various UG courses offered by the College will be done on the basis of marks secured in the class XII Examination of the CBSE or an equivalent Board.

The applicant should take into account both theory and practical (where relevant) marks while submitting their aggregate percentage. The minimum eligibility conditions are set by the University for admission to the respective courses. These are enumerated below for the courses available in the college:

All the subjects to be included for Basis of Selection (PCM/PCB/Bt/Best of Four) must have at least 70% theory component of examination. In case, the subject to be considered does not have 70% theory component and 30% practical component, then the marks of theory and practical must be converted to 70% and 30% respectively on pro rata basis. These new marks will then be considered for calculation of PCM/PCB/Bt/Best of Four.

## Eligibility Criteria for UG Admissions 2019-20

S. No.	Course	Minimum Eligibility	Specific Requirements
1.	B. Sc. (Hons.) Biomedical Science	An aggregate of at least 55% aggregate in Physics, Chemistry, Biology/ Biotechnology (PCB/BT) subjects.  At least 50% marks in English (compulsory subject).	Selection will be made on the basis of marks in the aggregate of Physics, Chemistry and Biology/ Biotechnology.  Students having PCB/BT with Mathematics (at least 60% marks) will be given an advantage of 3% over and above their PCB/BT aggregate.
2.	B.Sc. (Hons) Botany & Zoology	55% or more marks in the aggregate of Physics, Chemistry, Biology/ Biotechnology (Practical & Theory together).  Passing in one compulsory language i.e. English with 50% marks.	Selection will be made on the basis of marks in the aggregate of Physics, Chemistry and Biology/ Biotechnology.



3.	B.Sc. (Hons.) Computer Science	Mathematics, one language and two other subjects listed as academic subjects.  Should have secured a) 60% or more marks in Mathematics b) 60% or more marks in aggregate of four subjects including Mathematics, one language and two other subjects listed as Academic Subjects.	The admission would be based on the aggregate of marks scored in class XII in best four academic subjects inclusive of one language, Mathematics and two out of Physics, Chemistry and Computer Science/ Informatics Practices.  The students from other streams, (with Mathematics in Class XII), will have a disadvantage of 2% in aggregate of required four subjects, i.e. Mathematics + one language + two academic subjects from those streams.
4.	B.Sc. (Hons.) Mathematics	50% marks in Mathematics and an aggregate of 45% marks in the qualifying examination.	The Merit shall be determined on the basis of one language, Mathematics and two best elective /academic subjects.
5.	B.Sc. (Hons.) Physics, Chemistry	The overall percentage in Physics, Chemistry and Mathematics should be 55% and one compulsory language should be 50%.	Selection will be made on the basis of marks in the aggregate of Physics, Chemistry and Mathematics.
6.	B.Sc. (Hons.) Electronics	The overall percentage in Physics, Chemistry and Mathematics should be 55% and one compulsory language should be 50%.	Selection will be made on the basis of marks in the aggregate of Physics, Mathematics and Chemistry.
7.	B.Sc.(Prog.) Physical Science with Chemistry & Physical Science with Electronics & Physical Science with Computer Science	45% or more marks in the aggregate of Physics, Chemistry/Computer Science, Mathematics (Practical & Theory together) and passing in one compulsory language (i.e. English). OR 45% or more marks in the aggregate of 3 subjects Physics, Chemistry/Computer Science, Mathematics (Practical & Theory together) and 40% in one compulsory language.	Selection will be made on the basis of marks in the aggregate of Physics, Chemistry/Computer Science, Mathematics.



8.	B.Sc. (Prog.) Life Science	<p>45% or more marks in the aggregate of Physics, Chemistry, Biology / Biotechnology (Practical &amp; Theory together) and passing in one compulsory language (i.e. English).</p> <p>OR</p> <p>45% or more marks in the aggregate of 3 subjects Physics, Chemistry, Biology / Biotechnology (Practical &amp; Theory together) and 40% in one compulsory language.</p>	Selection will be made on the basis of marks in the aggregate of Physics, Chemistry, Biology / Biotechnology
9.	B.Com. (Hons.)	<p>An aggregate of 45% marks in the qualifying examination.</p> <p>Applicant must have studied &amp; passed Mathematics/ Business Mathematics at the qualifying examination.</p> <p>An aggregate of 45% or more in English/Hindi and combination of best three among the following subjects: Mathematics, Accountancy, Economics and Business Studies/ Commerce.</p>	<p>Selection shall be made on the basis of marks obtained in qualifying examination including one language and combination of best three among the following subjects: Mathematics, Accountancy, Economics and Business Studies/ Commerce.</p> <p>Inclusion of any subject from List C2 other than mentioned above in the combination of best three will lead to a deduction of 1% per subject on the aggregate.</p> <p>Inclusion of any subject other than those in Lists C1 and C2 in the combination of best three will lead to a deduction of 2.5% per subject on the aggregate of the Best Four.</p>

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

Eligibility Criteria for merit-based admissions under the EWS category shall be identical to that of UR category



## LIST A (ACADEMIC/ELECTIVE SUBJECTS)

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

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

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

## LIST C2 – ADDITIONAL LIST of Subjects for B. Com. (Hons.)

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

## B. Scheduled Caste / Tribe Candidates

As per University rules 22 ½ % of the total number of seats are reserved for candidates belonging to Scheduled Castes/ Tribes (15 % for Scheduled Castes and 7 ½ % for Scheduled Tribes). The seats reserved for the SC/ ST candidates shall be filled by the SC/ST candidates only. Relaxation in the minimum eligibility in the qualifying examination to the extent of 5% shall be

given to SC/ ST candidates. In case, after giving 5% relaxation, the reserved seats still remain vacant, further relaxation shall be given to the extent required in order to fill up all the reserved seats. Eligibility in these cases is pass percentage.

SC/ST students who get admission under open merit will not be included in the reserved quota that is 22 ½ %.



### **C. Admission of Other Backward Classes (OBCs) Students**

27% seats in each course will be reserved for the OBC candidates who belong to the 'Non-Creamy Layer' and whose castes appear in the Central List of the OBCs only. Students have to produce an original OBC certificate in their own name that states they are not from the creamy layer (socially advantaged persons).

The validity of the non-creamy layer certificate must be for the financial year 2018-2019 (as mentioned in DOPT Office Memorandum No. 360312/22/93-Estt. (SCT) dated 15.11.1993) issued by a competent authority (as provided in DOPT Office Memorandum No. 36012/22/93-Estt. (SCT) dated 15.11.1993). For OBC applicants who belong to non-creamy layer and whose caste appears in the Central List of OBC only, shall be considered for admission under OBC category (validity of

the non-creamy layer certificate must be as mentioned in DOPT Office Memorandum No. 36036/2/2013-Estt. (Res - 1) dated 31.03.2016). The validity of the non-creamy layer certificate shall be for the financial year 2018-19 issued after 31 March 2019.

The OBC candidates shall be given a relaxation in the minimum eligibility in the qualifying examination to the extent of 10% of the minimum eligibility marks prescribed for the UR category candidates.

The seats reserved for the OBCs shall be filled with the OBC candidates only. Only if OBC candidates possessing the minimum eligibility marks are not available on last date then the vacant OBC seats shall be filled up by other eligible candidate subject to approval from the University.

### **D. Admission of Students from Economically Weaker Sections (EWS)**

As per the University of Delhi notifications, Reference No. Aca. I / Reservation of EWSs / 2019 / 63 Dated 28th March 2019 and Reference No. Aca. I / Reservation of EWSs / 2019 / 101 Dated 15th May 2019, for the reservation for Economically Weaker Sections (EWSs) Category, the University Departments / Centres / Colleges have reserved 10% seats for admission for the same from this Academic Year, 2019-20. The eligibility of such applicants will be decided on the basis of fulfilling criteria

prescribed in the above notifications, and subject to submission of documents, issued by the competent authority, in the format provided in Annexure IV

For further details for EWS, applicants can visit:

<http://www.du.ac.in/du/uploads/Notifications/04042019-Notification-EWS.pdf> and [http://www.du.ac.in/du/index.php?mact=News,cntnt01,detail,0&cntnt01articleid=23723&cntnt01retu\\_rnid=83](http://www.du.ac.in/du/index.php?mact=News,cntnt01,detail,0&cntnt01articleid=23723&cntnt01retu_rnid=83)

### **E. Persons with Disabilities (PwD)**

As per the provisions of Rights of Persons with Disabilities Act, 2016, not less than five percent (5%) seats are reserved for Persons with Benchmark Disabilities, where "person with benchmark disability" means a person with not less than forty percent (40%) of a

specified disability. The specified categories of disabilities as mentioned in the Schedule to the Rights of Persons with Disabilities Act, 2016 are eligible to get the benefit of the said reservation [See University Information Bulletin for details].



## **F. Admission on the Basis of Sports and Extracurricular Distinctions**

Up to 5% of the total number of seats of the first year will be offered for admission on the basis of Sports and Extra Curricular Activities (ECA) quota. Applicants seeking admission under the Sports and ECA category are required to register online on DU Admission portal indicating their specific activity/sport. Candidates seeking admission under Sports/ECA category must complete their Preliminary and Final rounds of trials at University level. They should thereafter approach specific College and apply for admission once the college

has put up the merit list [See University Information Bulletin for details].

The candidates selected under ECA/Sports quota shall submit an Undertaking on Non-Judicial Stamp Paper of Rs. 100/- at the time of admission stating that the candidate will perform for/represent the College and University for the entire period of the candidate's undergraduate programme of study. The college has a right to cancel their admissions if they violate the undertaking during their stay in college.

## **G. Gap Year Students**

Students with a gap in their education may be admitted in the College. Applicants

with gap year(s) will not be at any disadvantage for the purpose of admission to undergraduate courses.

## **H. Other Special Categories Reservation of Kashmiri Migrants**

- |  |   |
|--|---|
| i. Up to 5% seats are reserved course-wise in all colleges for wards of Kashmiri Migrants.   | Divisional Commissioner/Relief Commissioner.  |
| ii. All the wards of Kashmiri Migrants, who wish to be considered for admission to various undergraduate courses of the university, have to register online as notified by the University. | iv. A concession of maximum 10% in the last cut off marks for UR category candidates shall be extended to the wards of Kashmiri Migrants. |
| iii. The ward of Kashmiri Migrant will have to upload a certificate of registration as Kashmiri Migrant issued by  | v. The admission of the wards of Kashmiri Migrants will be based on cut-offs to be announced by the colleges.                             |
|  | vi. The candidate selected under special scholarship scheme for J&K will be admitted directly.  |

## **I. Admission for the under Mentioned Categories are Centralized.**

- |  |   |
|--|---|
| (i) Armed Forces (CW): Admission in CW category is offered to children /widows (CW) of the officers and men of the armed forces including Para-Military Personnel, killed/disabled in action or on duty, and gallantry | awardees. Applicants for CW will be allocated colleges on merit, based on their indicated course and college preferences [See the university website for schedule & other details]. |
|--|---|



- (ii) Foreign Students: All foreign students, including those who have completed their schooling from an Indian Board will be treated as foreign students for the purpose of their registration/admission in various undergraduate courses in colleges of University of Delhi.

The foreign applicants seeking admission to Undergraduate

course should apply online through the Foreign Students' Registry portal <http://fsr.du.ac.in> and can contact the Deputy Dean (Foreign Students' Registry), Conference Centre, University of Delhi-110007. For further details please refer University website ([www.du.ac.in](http://www.du.ac.in)).

**The last cut-off percentage of marks at which admissions closed at Acharya Narendra Dev College in 2018, for different courses are as follows\*:**

S. No.	Course	UR (%)	OBC (%)	SC (%)	ST (%)	PwD (%)	Kashmiri Migrants (%)
1	B. Com (Hons.)	87 (3E+1L)	65 (3E+1L)	60 (3E+1L)	40 (3E+1L)	40 (3E+1L)	77 (3E+1L)
2	B. Sc. (Hons.) Mathematics	92.75 (M+2E+1L)	90.75 (M+2E+1L)	84.5 (M+2E+1L)	70 (M+2E+1L)	45 (M+2E+1L)	82.75 (M+2E+1L)
3	B. Sc. (Hons.) Physics#	94.33 (PCM)	92.33 (PCM)	83 (PCM)	60 (PCM)	65 (PCM)	84.33 (PCM)
4	B. Sc. (Hons.) Chemistry#	91.66 (PCM)	91 (PCM)	77 (PCM)	60 (PCM)	46 (PCM)	81.66 (PCM)
5	B. Sc. (Hons.) Botany	81 (PCB)	73 (PCB)	75 (PCB)	69 (PCB)	45 (PCB)	71 (PCB)
6	B. Sc. (Hons.) Zoology	85 (PCB)	77 (PCB)	76 (PCB)	72 (PCB)	46 (PCB)	75 (PCB)
7	B. Sc. (Hons.) Biomedical Science@	92.33 (PCB)	82 (PCB)	81 (PCB)	60 (PCB)	50 (PCB)	82.33 (PCB)
8	B. Sc. (Hons.) Computer Science#	89 (M+2E+1L)	90 (M+2E+1L)	82 (M+2E+1L)	55 (M+2E+1L)	46 (M+2E+1L)	79 (M+2E+1L)
9	B. Sc. (Hons.) Electronics#	84 (PCM)	83 (PCM)	70 (PCM)	46 (PCM)	46 (PCM)	74 (PCM)
10.	B. Sc. Life Science	80 (PCB)	75 (PCB)	66 (PCB)	56 (PCB)	45 (PCB)	70 (PCB)
11.	B. Sc. Physical Science with Electronics#	86 (PCM)	79.33 (PCM)	66.33 (PCM)	45 (PCM)	41 (PCM)	76 (PCM)



S. No.	Course	UR (%)	OBC (%)	SC (%)	ST (%)	PwD (%)	Kashmiri Migrants (%)
12.	B. Sc. Physical Science with Computer Science#	88 (PMC/CS)	82 (PMC/CS)	68.66 (PMC/CS)	48 (PMC/CS)	41 (PMC/CS)	78 (PMC/CS)
13.	B. Sc. Physical Science with Chemistry	87.33 (PCM)	80 (PCM)	58 (PCM)	45 (PCM)	45 (PCM)	77.33 (PCM)

\* The percentages are indicative of trends and change from year to year.

# 1% less for Girl candidates.

@ 3% advantage to candidate with at least 60% in Mathematics.

□ M+3E+1L indicate Mathematics, three electives and one Language (English).

□ PCM indicates the aggregate of Physics, Chemistry and Mathematics.

□ PMC/CS indicates the aggregate of Physics, Mathematics and Chemistry/Computer Science.

□ PCB indicates the aggregate Physics, Chemistry and Biology.

□ For details of courses, applicants are advised to check the University of Delhi website (<http://du.ac.in>) or the College website (<http://andcollege.du.ac.in>).

## Fee Structure

Course wise fee to be paid at time of admission in cash (INR) for the Academic Year 2019- 20 is as follows:

UNDERGRADUATE COURSES	Admission Fees# (INR)	
	UR/EWS/OBC/ SC/ST	PwD
B. Sc. (Honours) Biomedical Science	18,965	2,555
B. Sc. (Honours) Botany	7,965	2,555
B. Sc. (Honours) Chemistry	8,465	2,555
B. Sc. (Honours) Mathematics	7,965	2,555
B. Sc. (Honours) Physics	7,965	2,555
B. Sc. (Honours) Zoology	7,965	2,555
B. Sc. (Honours) Commerce	7,965	2,555
B. Sc. (Honours) Computer Science	22,965	2,555
B. Sc. (Honours) Electronics	7,965	2,555
B. Sc. Life Science	7,965	2,555
B. Sc. Physical Science		
with Electronics	7,965	2,555
with Computer Science	7,965	2,555
with Chemistry	7,965	2,555



Postgraduate Courses		
M. Sc. Chemistry	7,851	1,555
M. Sc. Mathematics	7,851	1,555

#This fee includes Caution Money and Library Security of INR 1,000 each (refundable) and SAKSHAM Fee of INR 100 (non-refundable).

The fees mentioned above are subject to change as per University guidelines. Examination fees (as the rate decided by the University) are to be paid along with the Admission Fee at the time of admission. The amount will be displayed on the College website.

- For refund of Caution Money and Library Security the student is required to submit clearance within one year of leaving the College. If no claim is made within this period, this money shall be deemed to have been donated to the SAKSHAM fund.
- The PwD students pursuing various courses of studies in the College are exempted from payment of fees (including examination fee and other University fees) except for admission fee, Students' Council fee and Identity Card fee. They also will have to pay a refundable caution money, library security and SAKSHAM fund fee (non-refundable).

Foreign Students Registration: Annual Fee of USD 100 (INR equivalent fixed by University) extra is chargeable from Foreign Students in addition to the above fees for all courses except B. Sc. (Honours) Computer Science. For B. Sc. (Honours) Computer Science the annual fee payable by Foreign students (other than from SAARC countries) is USD 3000 (INR equivalent fixed by University).

## Cancellation and Withdrawal of Admission

Rules for Refund of Fee on account of withdrawal and cancellation of admission.

S. No.	Reasons for seeking refund	Quantum of fee to be refunded
1	When a student applies for withdrawal of admission upto last date of admission	Full fee after deduction of INR 1000/- and full examination fee.
2	When admission is made inadvertently due to error/omission/commission on the part of the University/College.	Full fee and full examination fee.
3	When cancellation of admission is due to concealment/falsification of facts, submission of false/fake certificate(s), providing misleading information by the student or for any error/mistake on the part of the student	No fee will be refunded.
4	When a student of a Self Financing course applies for withdrawal of admission on or before the last day of admission.	Full fee after deduction of INR 1000/- and full examination fee.



	Reasons for seeking refund	*Quantum of fee to be refunded
5	In case a student after his/her admission expires within one month of the last date of admission	Full fee including examination fee will be refunded to his/her parents.

# In all the above cases, a deduction in lieu of SAKSHAM and Identity Card fee will also be applicable.

\*These rules/dates are subject to change as per any new University guidelines.

### Migration

The College reserves the right not to entertain any request for migration of its students to other colleges after the declaration of their first year results.

However, request for migration to the College shall be considered on the basis of merit of the individual case as per University guidelines.

### Help Desks

The College has set up the following special desks for help and clarifications about admission:

- ❑ Special Categories Help Desk – for verification of the caste certificates
- ❑ Desk to help PwD students
- ❑ General Help Desk and Desk to address grievances

### Conveners of Admission committee:

Dr. Anju Agrawal, Dr. Chandra Kanta Samal & Dr. Urmi Bajpai



## GENERAL RULES @ ANDC

Abbreviated extracts from the University of Delhi Ordinances are mentioned below.

### Acts of Gross Indiscipline

#### Ordinances XV – B: Maintenance of Discipline

Students of the College are expected to behave responsibly both inside and outside the College. Ragging in any form anywhere is strictly prohibited and is punishable under Ordinance XV - B and XV - C of the University, besides an FIR being lodged against them. Disciplinary action would be taken against:

- Any practice — whether verbal or otherwise-derogatory to women;
- Causing disruption in any manner in the academic functioning of the University system;
- Willful destruction of institutional property;
- Creating ill-will or intolerance on religious or communal grounds;
- Violation of status, dignity and honour of students belonging to scheduled castes and tribes, other backward classes or any community;
- Any attempt at bribing or corruption in any manner;
- Physical assault or threat to use physical force against any member of the College fraternity;
- Carrying of, use of or threat to use of any weapon; the candidate is advised

to consult the University of Delhi website (<http://www.du.ac.in>) or the University of Delhi calendar.

- Any violation of the provisions of the Civil Rights Protection Act, 1976.
- Any violation of Ordinance XV- D against Sexual Harassment.
- Any violation of Ordinance XV-C against Ragging.
- Besides, strict action will be invited for acts such as:
- Boisterous behaviour in the College premises.
- Smoking and consumption of alcohol in the College premises or being found in an inebriated state.
- Use of mobile phones in classrooms, laboratories, library and any other restricted area.

#### Prohibition of and Punishment for Ragging

We believe that academic institutions are places of enlightenment and enjoyment. While we appreciate interaction among students, the College is absolutely intolerant towards ragging. Any incident that is reported is severely dealt with by the Proctorial Committee of the College in accordance with the rules of the University of Delhi mentioned in Ordinance XV-C.

#### Internal Complaints Committee (ICC)

The College in order to ensure zero tolerance policy against Sexual Harassment of women has an Internal Complaints Committee (ICC) constituted as per the Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013.



## What Constitutes Sexual Harassment?

Sexual Harassment includes unwelcome sexual behaviour of direct or implied nature such as:

- Physical contact and advances
- Requests for sexual favours
- Sexually coloured remarks
- Showing pornography
- Unwelcome physical, verbal, or non-verbal sexual conduct

### *How Does One Prepare a Complaint?*

- Write exactly what happened with details, dates, names of witnesses & documents, if any.
- Be specific about the incident/ incidents.
- Be honest, as false complaints can invite penalties.

### *What is the Time Limit for Filing a Complaint?*

- You need to file a complaint of sexual harassment within three months of the incident.
- The period may extend to another three months, in grave circumstances that may have prevented you from filing the complaint on time.

## Identity Card

Identity card detailing name, address and phone number is issued to each student immediately after admission. It is mandatory to carry the identity card to College every day since entry to the College as well as the library is based on it. Failure to produce the identity card is liable to attract disciplinary action. Loss of identity card has to be reported to the College along with a copy of FIR (First Information Report) lodged with the police.

Identity card remains the College property and has to be produced/ submitted on demand by any of the College staff or the security staff. A duplicate identity card shall then be issued on payment of INR150/- on first instance and INR500/- on subsequent instances, which includes Identity Card fee and fine.

## Responsible Use of Mobile Phone and Rules

Students are advised to use their mobile phones responsibly. Mobile phones should be kept on the silent mode within College premises. Use of cell phone is strictly prohibited inside the classroom, laboratory, library, Administrative and Accounts Block and near the Principal's office. Listening to music or playing songs on loud speaker-mode of cell phones is strictly banned within the College premises.

Defaulters are liable for punishment which may be a fine up-to-the cost of the cell phone and/or reformatory task and/or confiscation of cell phone. Repeated offence will be treated as an act of gross indiscipline.

## Notice Boards & College Website

Notice boards of the College as well as the College website (<http://andcollege.du.ac.in>) display important information regarding schedule of classes, examinations, attendance, holidays, activities, fellowships, scholarships etc. It is imperative that students peruse the Notice Boards and College website regularly to keep them updated about various events in the College. Ignorance of any notice will not be accepted as a plea or excuse for noncompliance or delay in any matter.



## Contact Information

Any change in residential (Permanent/Local) address or/and phone number should be informed to the office immediately, in writing, duly signed by the parent/guardian. The College will not be responsible in case of non-intimation due to papers reaching the wrong address/non-availability in the college of the right phone number.

## Internal Assessment

All the theory papers of Core Courses, Elective Courses, Ability Enhancement Compulsory Courses (AECC) and Skill Enhancement Courses (SEC) shall be of 100 marks. Out of the 100 marks, 75 marks shall be for theory examinations which will be evaluated in a centralized manner by the University and 25 marks shall be for internal assessment, evaluation for which will be done in the college.

The 25 marks of the internal assessment shall be divided as follows:

Attendance	5 marks
Written assignments/ presentations	10 marks
Class Test / Quiz	10 marks

## Attendance

There shall be 5% weightage (5 marks for each paper carrying 100 marks) for regularity in attending lectures and tutorials. Based on attendance, the marks for regularity in each paper shall be awarded 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

## DU Helpdesk Information:

For any general queries related with the overall online registration process, applicant may contact (10 AM to 5 PM, Monday to Friday):

### Helpdesk (Dean Students' Welfare Office)

Room No. 5, Conference Centre,  
Near Gate No. 4, North Campus, University of Delhi, Delhi – 110007  
Phone: 011-27667092

### Joint Dean Students' Welfare Office

Arts Faculty, South Campus,  
University of Delhi, Delhi - 110021  
Phone: 011-24116178



**DU exclusive Helpdesks for applicants who are Persons with Disabilities:**

**Equal Opportunity Cell**

Arts Faculty Tutorial Building, North Campus,  
University of Delhi,  
Delhi - 110007  
Phone: 011-27662602

**Joint Dean Students Welfare Office**

University of Delhi South Campus,  
Delhi - 110021  
Phone: 011-2411617

## Disclaimer

The College disclaims any liability towards any individual for any loss or damage caused to them arising out of any action taken on the basis of the information in the prospectus. Any error, if found, in the prospectus may be due to inadvertent omissions, clerical mistakes or any other reason.