

2017-18



# Acharya Narendra Dev College

*Preparing for the future.....*

## PROSPECTUS

NAAC ACCREDITATION  
GRADE 'A' | SCORE 3.31

NIRF INDIA RANKING: 20TH

DBT STAR COLLEGE



Acharya Narendra Deva (1889 – 1956), a veteran of India's freedom struggle, a visionary educationist and leader in social reforms was the embodiment of multifaceted greatness. He was educated in Allahabad and Banaras. After the completion of his graduation (B.A.) and post-graduation (M.A.), he achieved his L.L.B degree in 1915. Turning his back on a promising legal career and comfort, he plunged into the National Movement. He was deeply influenced by the radical nationalism of Bal Gangadhar Tilak and Aurobindo Ghosh. Acharya Narendra Deva had a rare combination of a great political acumen and true intellectual prowess. Being a scholar at heart, he continued to enrich his intellect along with his tireless struggle for the cause of India's freedom. He joined Kashi Vidyapith where he combined his academic pursuits with active politics. He was also the Vice-Chancellor of Lucknow and Banaras Hindu University. Acharya Narendra Deva was a believer of the Marxist philosophy and he zealously worked for the preservation of human dignity and a revolutionary transformation of society on moral and humanistic grounds. He was the founder of the Congress Socialist Party and presided over the first Congress Socialist Conference at Patna in 1934, and thereafter he devoted his life to the cause of Socialism. Acharya Narendra Deva was a profound student of Buddhist philosophy and to study Buddhist literature, he learnt French, German and Pali. His books on Buddhism bear testimony to his scholarship and insight into the Buddha's way of life. Throughout his life, Narendra Deva was deeply interested in education and regarded it as the principal means for a political, social and economic revolution in the country. He believed that in the earlier stages, education should be integrated with useful activity and therefore welcomed the concept of Basic Education propounded by Mahatma Gandhi. He was an atheist and rejected the glorification of God. Acharya Ji's patriotism, political involvements, scientific outlook, nobility of spirit, deep rooted humanism, compassion and scholarship make him one of the most respected blend of versatility the country has ever seen.

## University Admission Schedule, 2017 – 18

|                | Activity   | Date   |
|----------------|--|--|
| Cut-off        | Online Registration  | From Monday, 22nd May 2017 (5 PM onwards) to Tuesday, 13th June 2017 (till 5 PM) |
| First Cut-off  | Notification of First Cut-off Marks List by the Colleges           | Saturday, 24th June 2017   |
|                | Document verification and approval of admission                    | Saturday, 24th June 2017 to Wednesday, 28th June 2017                            |
| Second Cut-off | Notification of Second Cut-off Marks List by the Colleges          | Saturday, 1st July 2017  |
|                | Document verification and approval of admission                    | Saturday, 1st July 2017 to Tuesday, 4th July 2017                                |
| Third Cut-off  | Notification of Third Cut-off Marks List by the Colleges           | Friday, 7th July 2017  |
|                | Document verification and approval of admission                    | Friday, 7th July 2017 to Monday, 10th July 2017                                  |
| Fourth Cut-off | Notification of Fourth Cut-off Marks List by the Colleges (if any) | Thursday, 13th July 2017   |
|                | Document verification and approval of admission                    | Thursday, 13th July 2017 to Saturday, 15th July 2017                             |
| Fifth Cut-off  | Notification of Fifth Cut-off Marks List by the Colleges (if any)  | Tuesday, 18th July 2017  |
|                | Document verification and approval of admission                    | Tuesday, 18th July 2017 to Wednesday 19th July 2017                              |

**Note:**

1. Document verification and approval of admission will be done between 9.30 a.m. to 1.30 p.m.
2. After approval of admission, the applicant has to log on to the undergraduate admission portal to make online admission fee payment. This may be done till 12:00 noon of the next day of the given admission list deadline.

**Further cut-off lists may be declared, depending on the vacant seats in the colleges.**

### **ORIENTATION PROGRAMME: JULY 20 - 22, 2017 (9:00 a.m onwards)**

The Orientation programme is organised to welcome the fresh batch of students. The aim of this event is to familiarise the students with the College, the courses, faculty, rules and regulations and details about various activities on offer. All freshers are expected to attend the Orientation Programme. The course-wise schedule for the Orientation programme shall be displayed on the notice board.

## Academic Calendar, University Of Delhi (2017-2018)

### Semester I, III, V

|    |  |   |
|----|--|---|
| 1. | Classes begin  | 20th July, 2017 (Thursday)                                    |
| 2. | Mid- Semester break  | 30th September, 2017 (Saturday) to 6th October, 2017 (Friday) |
| 3. | Classes begin after Mid-Semester break                                   | 7th October, 2017 (Saturday)                                  |
| 4. | Dispersal of classes, Preparation leave and Practical examinations begin | 16th November, 2017 (Thursday)                                |
| 5. | Theory examinations begin  | 30th November, 2017 (Thursday)                                |
| 6. | Winter Break   | 17th December, 2017 (Sunday) to 31st December, 2017 (Sunday)  |

### Semester II/IV/VI

|    |  |   |
|----|--|---|
| 1. | Classes begin  | 1st January, 2018 (Monday)                              |
| 2. | Mid- Semester break  | 2nd March, 2018 (Friday) to 7th March, 2018 (Wednesday) |
| 3. | Classes begin after Mid-Semester break                                   | 8th March, 2018 (Thursday)                              |
| 4. | Dispersal of classes, Preparation leave and Practical examinations begin | 27th April, 2018 (Friday)                               |
| 5. | Theory examinations begin  | 9th May, 2018 (Wednesday)                               |
| 6. | Summer Vacations   | 20th May, 2018 (Sunday) to 19th July, 2018 (Thursday)   |

## College Calendar (2017-2018)

| Event                                  | Dates                              |
|--|------------------------------------|
| Orientation Program                    | July 20 – 22, 2017                 |
| Departmental Fresher's Day             | August 2nd Week, 2017              |
| Scholarships Interviews                | August 3rd- 4th Week, 2017         |
| Book Exhibition                        | September 1st Week, 2017           |
| Students' Council Election             | Same Day as DUSU Elections         |
| Departmental Society Functions         | September, 2017 and February, 2018 |
| Excursions                             | October, 2017/February 2018        |
| Acharya Narendra Deva Memorial Lecture | October 31, 2017                   |
| Scholarships(SAKSHAM) Round II         | January 3rd Week, 2018             |
| Annual Cultural Festival               | January 4th Week, 2018             |
| Sports Week                            | February 1st Week, 2018            |
| Annual Theatre Production              | March 1st week, 2018               |
| Annual Day                             | April 1st Week, 2018               |
| Departmental Farewells                 | April 2nd Week, 2018               |

# From the Principal's Desk

## FROM THE PRINCIPAL'S DESK

Education is undergoing a sea change and it is quite understandable that it becomes difficult to make decisions about which course and which college to choose. The ultimate aim of education is not just creation and dissemination of knowledge, but also to develop global competencies and build the overall moral character of the learner.

Thank you for your interest in Acharya Narendra Dev College (ANDC).

ANDC is dedicated to being one of the India's best colleges in Science and Commerce, an institution where the ideals of scholarly excellence, humanity and societal leadership are celebrated and embraced.

In the year 1991, since the college was founded, we have built upon these ideals and our long tradition of innovative leadership to create a pre-eminent Indian and International centre for education and research, where excellence is found in the quality of scientific education we provide our students and the research outcomes. We live with our mantra: 'Preparing for the future' by exploring and innovating 'Beyond the classroom'. This entails imparting functional knowledge which can not only transform personal life but the society too in economic, social, cultural, spiritual and intellectual dimensions.

Our ANDC story is very rich that is getting enriched with number of recognitions the college has been receiving. The college has received the Grade 'A' accreditation by NAAC (National Accreditation and Assessment Council) with a handsome score of 3.31 – one amongst the highest scorers in the University of Delhi. This has been topped up by the recent ranking by NIRF (MHRD, Govt. of India). In the



NIRF India ranking, ANDC has been ranked 20th in the College category. With the ringing of 2017, the Department of Biotechnology (DBT, Govt.) has also provided support to 7 departments of the college under strengthening component of the Star College Scheme. This 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. ANDC's niche status in the university was amply demonstrated, when the University recognized us as the "College with Best Practices" at Antardhvani 2015– the mega multi-dimensional fest of University of Delhi. These recognitions have redeemed our belief and practice of healthy traditions viz. the open paradigm in education, interactive pedagogy, collaborative research opportunities, teaching–learning through hands-on project and theatre.

ANDC fosters a culture wherein there is a continuous emphasis on personality development, encouraging innovations, entrepreneurship skill development and creating self-employment opportunities through academics, extra-curricular activities, community service and sports. I am sure as you navigate the college campus or browse the college website you will be glad to know more about various schemes and programmes on offer in the college to nurture each of these praxis's goals. The college

values diversity and inclusivity of all kinds remains a prime driver to achieve excellence in every activity in which the college indulges in or encourages.

This is a special place, with special people! Welcome to the enabling environment of Acharya Narendra Dev College and reap the maximum benefits from this unique institution.

*Dr. Savithri Singh  
Principal*



# 25 Years of Excellence

## ACHARYA NARENDRA DEV COLLEGE... 25 YEARS OF EXCELLENCE

Established in 1991, Acharya Narendra Dev College has come a long way in the last 25 years. In this comparatively short journey the college has earned a repute of being one of the finest Science colleges not only in Delhi but at the national level.

The college is primarily a Science college with Commerce being the only other stream taught here. The College believes in the philosophy of Acharya Narendra Deva – an eminent educationist, reformer, social worker and a multifaceted personality. He was a person of character and the College also believes in holistic development of students including their personality and character.

AND College has a culture of interactive teaching-learning process, which is not restricted to classrooms but go *beyond the classroom...* The broad span of scientific disciplines creates a fertile ground for the nurturing of scientific temperament and inquisitive spirit among the students. The college is in a continuous pursuit to make the teaching-learning process enjoyable by creating an environment of proactive collaboration and exploration. An important element of the teaching-learning process in this College has been a judicious blend of interactive lectures and hands-on experimentation.

College life is special since it is here that students acquire the exposure and the skill-set that will stay with them – it is these that make them identifiable. The training at ANDC enables students to be placed nationally and internationally with relative ease.

We assure you that your stay at ANDC will prove to be a life-changing experience

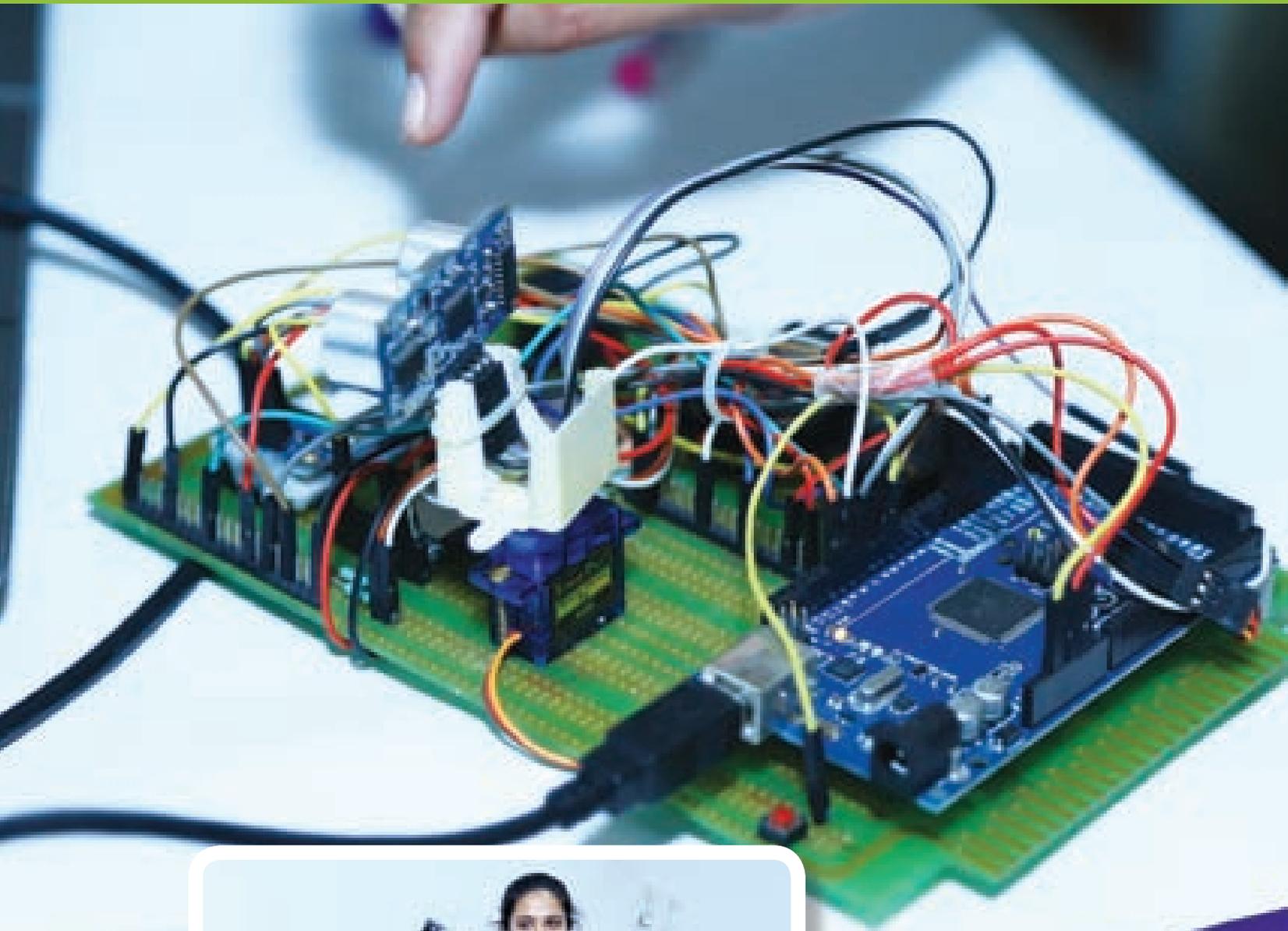
- Accredited 'A' Grade by NAAC with a score of 3.31
- Ranked 20th in College category in India Ranking 2017 by NIRF, MHRD, Govt. of India.
- 7 departments of the College receives support under the Star College Scheme of the DBT for holistic improvement of science education at UG level
- Among Top 30 Science colleges of India since 2009. Ranked at 24th place in 2017 (The Week Survey)
- Among Top 10 Science colleges of Delhi since 2009. Ranked at 9th place in 2017 (The Week Survey)
- Good Practices Award by University of Delhi – three years in a row. 3rd position in 2013 and 2014 and first position in 2015 among all colleges of University of Delhi
- Meritorious Teacher Award: 6 teachers have been awarded by Govt. of NCT of Delhi.
- University Merit Positions: Our students have secured top positions in University Examinations
- Top rankers in Entrance tests: IIT-JAM, JNU Combined Biotech and many more

– one that makes you more sensitive, more caring, more confident, more curious, more creative and more exploratory! We welcome you to ANDC and invite you to be part of an enthralling journey of learning, sharing, collaboration and sensitization.

ANDC celebrated its Silver Jubilee in the year 2016. To mark the occasion, the College organised a year-long celebration, Rajatotsav. As part of the Silver Jubilee Celebrations, the College organised multicultural extravaganza — Darpan, where the various departments and societies of the College showcased their achievements. Under auspices of Rajatotsav two-day workshop for school teachers was also organized. Various other activities like Innovation Conclave, Students' Symposium and National Conference were also the part of this year long celebrations. We assure you that your stay at ANDC will prove to be a life-changing experience – one that will make you more sensitive, more caring, more confident, more curious, more creative and more exploratory! We welcome you to ANDC and invite you to be a part of an enthralling journey of learning, sharing, collaboration and sensitisation.







# Good Practices

## GOOD PRACTICES: ... PREPARING FOR THE FUTURE

The College's efforts to make a difference on the canvas of higher education in the University of Delhi and beyond has been a continuous process by establishing policies and practices that has fundamentally enriched the teaching methodology. The crowning glory of these efforts has been recognition by the University in the form of Awards For Good Practices among all the colleges (63 colleges of DU) of the University at the mega multi-dimensional event – Antardhvani in the years 2013 to 2015. After winning the third prize two years running



(2013 and 2014), ANDC received the First prize in 2015. We are the only college to win a prize in all three editions of the event. This award is an affirmation of the establishment of certain activities in the College down the years which has set us apart from all DU colleges and perhaps in the country. Some of these include:

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

# RESEARCH: EXPLORATION THROUGH EXPERIMENTATION

The main aim of the College is to prepare the students for the future and this has set the institution on an endless journey of providing innumerable opportunities to its students. ANDC has always considered research as an important supplement to the classroom education, particularly for those pursuing Science. It has developed a robust research infrastructure through twenty research labs generously funded via project grants from various governmental agencies like DST, UGC, DBT, MoEF and ICMR. These laboratories provide exposure to cutting edge technologies and nurture curiosity in the young minds such that they are able to make an informed decision while considering research as a possible career later in life. The ever-growing basket of research publications by teachers and students in reputed journals bears testimony to the quality of research activities in the College. The College has conducted projects worth over INR 3.5 crores over the last few years. Besides supervising research at the UG level, several of our faculty members also guide Ph.D. scholars. So far, 3 of our research scholars have been awarded their Ph.D. degrees and 10 research scholars are currently pursuing their Ph.D.

OSDD or Open Source Drug Design is one of the hallmark projects of the College that gives students a wide exposure and the chance to pursue research, addressing many challenging medical issues. This project involves finding new drugs for Tuberculosis by crowd sourcing. The undergraduate students of ANDC are active participants of this project, a CSIR Open Source Team India Consortium which includes global partners with a vision for providing affordable health care.

The Society of Photo-Optical Instrumentation Engineers (SPIE), USA is an internationally renowned society that promotes an

interdisciplinary approach to the science and application of light. In 2010, SPIE formally approved the establishment of a University of Delhi at Acharya Narendra Dev College SPIE Student Chapter. The Chapter is entitled to receive Activity Grants, Officer Travel Grants, Visiting Lecturer Program and Collaborative Conference Grants from the parent organization. SPIE provides a unique opportunity to the students to become part of a large international organization. Under the aegis of SPIE, students receive hands on training, visit state-of-the art laboratories and interact with subject experts and students in India and abroad. This training enables the students not only to enhance their learning but also become mentors for schools in the conduct of Science experiments.

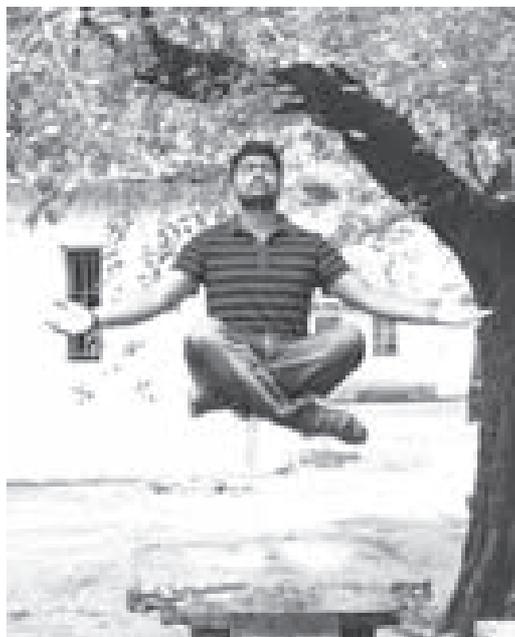
Another 'high' for students is the provision for being awarded an officer grant for one student to attend the International SPIE conference at San Diego, US every year. The student gets to present a research paper in front of an august audience from the world over. You can imagine what it does to the confidence levels!

To promote a culture of research and motivate students to explore, the College has its self-funded ELITE (Education in a Lively Innovative Training Environment) scheme that runs through the summer break. ELITE provides students financial and infrastructural support along with mentoring for undertaking projects. Through the scheme, the students can work not only in laboratories but also convert their society into labs and work on real life problems. In addition, the year-long, generously funded trans-disciplinary DU Innovation Projects have ingrained research as a necessary and active component of the academics in the college.





# BEYOND CHALK AND TALK: INNOVATIVE TEACHING METHODS



As an institution of higher learning, academics remains fundamental to us. In this pursuit, we ensure a continuous focus on academic rigour by adopting novel pedagogical techniques that involve inputs from theatre, film making, debating, audio-recording, discussion, photography etc. Project-based learning is the backbone of most of our teaching. The various 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 we teach 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 utilised 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 were provided trainings through 8 days involving video conferencing workshops coordinated by Institute of Informatics and Communication, South Campus, DU.

# Entrepreneurship

## 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. The Centre provides training through Entrepreneurship Awareness Camps (EAC), Entrepreneurship Development Programs (EDP) and funding for Students' Innovation Projects.

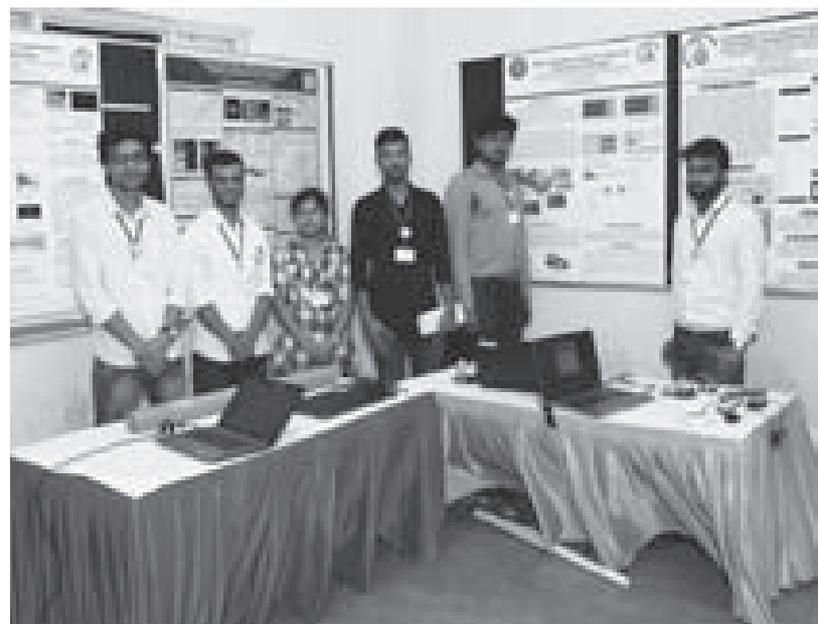
A unique facility – the Entrepreneurship Lab is a nerve centre for experimenting with entrepreneurship ideas and concepts. This initiative has already matured in the form of ANDY- an in-campus company that reflects the spirit and energy of ANDC's youth.

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

of Rs. 66 Lakhs for a Business Incubator (BI) to support the commercialisation of innovative ideas. ANDC is the exclusive recipient of this grant among the colleges of DU.

It is a matter of great honour for the College

that it has been sanctioned an Incubation Centre by the Department of Training & Technical Education, Government of NCT of Delhi with a grant of Rs 1.5 Crores. Thus the college is privileged to join the elite group of educational institutions which have been sanctioned setting up of Incubation Centers in Delhi. The setting up of Incubation Centre is a natural progression to the slew of measures undertaken by the college to promote innovation and entrepreneurship among its students.



Skin Nourishing  
**HAND MADE SOAP**

Glycerine Rich



Mfd. & Mkt. by:  
**ENTREPRENEURSHIP LAB**  
Acharya Narendra Dev College

*Entrepreneurship Lab*

**INNOVATION & ENTREPRENEURSHIP DEVELOPMENT  
CENTRE** Entrepreneurship Lab

The collage features several items: a bar chart with five bars of increasing height; a flowchart with multiple steps; a circular logo with a globe and people; and several text-heavy documents and posters. The items are arranged in a grid-like fashion on a dark blue background.

*Entrepreneurship Lab*



# Open Paradigms

## OPEN PARADIGMS IN EDUCATION: FREE ACCESS TO KNOWLEDGE



The crowning glory of the efforts for quality and innovation through OERs has been the international recognition in the form of the prestigious OPAL award (2011) at the Online Education Conference, Berlin, Germany. The College is also recognized as one of the three affiliates of Creative Commons (CC) in India.



The College recognizes the importance of cooperation for the transfer of knowledge across the borders of society, nation, policies and economies. Inherent to this belief is the “The OPEN Paradigm”. It refers to institutional practices and programmatic initiatives that broaden access to learning and training than the ones traditionally available in a university system. Adoption of FOSS (Free and Open Source Software) in teaching and administration, creation and dissemination of OERs (Open Educational Resources) which are acclaimed practices world-wide have found resonance here and continue to benefit its primary stakeholders – the students.

# EDU

## Expert Talk



**Dr. Savithri Singh**  
Principal, Acharya Narendra Dev College  
University of Delhi, South Campus

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Dr. Savithri Singh, Principal, Acharya Narendra Dev College, Affiliate of Creative Commons in India and Vice-Chair of the Wikimedia International Community Council presented to IITM open educational resources (OERs) workshop of Creative Commons India.

# LEARNING BY DOING: HANDS ON TRAINING

The pursuit of knowledge is extremely dynamic and continuously evolving and we wish to provide the best and the latest. To facilitate the enhancement of knowledge base and adoption of modern technology in all the fields of academic endeavour, the College emphasizes on constant upgradation 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. Besides workshops by teachers for students, workshops have also been conducted by teachers for other teachers, students for other students and by students for teachers! The College website would not be what it is if it were not for some excellent training by students.

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.

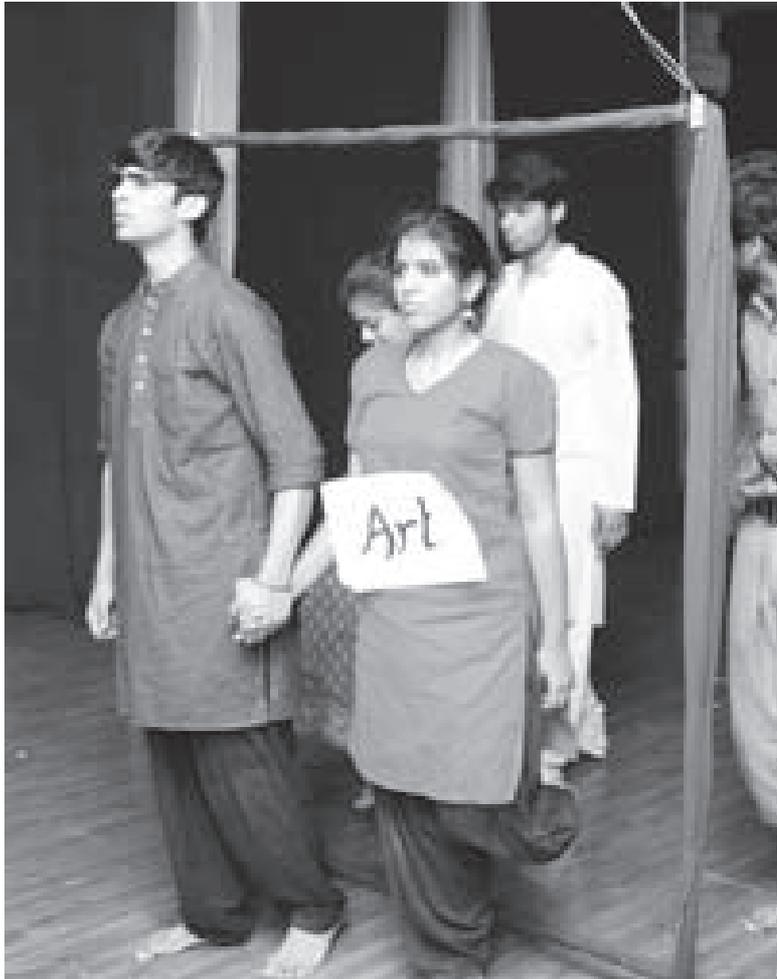






# Theatre in Education

## THEATRE IN EDUCATION: LEARNING THROUGH PERFORMING ARTS



Our belief that theatre plays a very important role in the wholesome development of a student and can make dramatic changes in an individual makes us conduct the ECPDT (Effective Communication and Personality Development through Theatre) course every year. The course is inspired by the vision of life-skills-based education of UNICEF and WHO. It encompasses dedicated training by mentors associated with National School of Drama that seeks to empower students with self-belief, decision-making capability and ability for critical analysis and to think independently and to express with confidence.

Dhwani - the theatre society is in sync with showcasing artistic talent and creative skills. Besides routine skits, street plays etc., 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.



## 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.

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.

Sashakt is the College society dedicated to empowering the girl students through discussions, seminars and other activities. It needs a concerted effort 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 which hitherto were not available to many.





## SPORTS AND EXTRA-CURRICULAR ACTIVITIES: LEARNING BY FUN



The College's commitment to personality development as a necessity for holistic education is stronger than ever before and this is reflected in the wide range of sports and extracurricular activities being organised. Sports form an integral part of the wholesome education that ANDC strives to offer. The Sports Instructor of the College is a recipient of Dronacharya Award and under his guidance the students are scaling new heights in sports. The College has facilities for table tennis, chess, cricket, football, volleyball, basketball and athletics, with specialist coaches for some.

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 personalities like Ashwani Bhide, Wadali Brothers, Rajan and Sajan Mishra, Pandit

Vishwa Mohan Bhatt, 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 to connect students with our roots. In addition, workshops for Indian traditional art forms like Madhubani and Kalamkari have been organised. Also, movies of famous personalities like Satyajit Ray and Charlie Chaplin have been screened.

The annual fest 'Accenture' 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 Responsibilities

## SOCIAL OUTREACH: SENSITISATION TOWARDS SOCIETAL CHALLENGES

The students have shown remarkable maturity of thoughts, creativity and sensitivity for various facets of humanity and responsibility towards social and environmental concerns. 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 checkup 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 Thalessemic girls from economically weaker background to provide for their blood transfusion needs throughout the year.

The NSS unit of the College has always

responded to the call of duty for the nation viz., volunteering for the 19th Commonwealth Games (New Delhi, 2010), participation in SAARC Youth Summit (Islamabad, 2011), disaster management during Uttarakhand and Kashmir floods, joining the Swatch Bharat Abhiyan, etc. In fact, 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.

The Eco Club conducts environment awareness programmes using posters, street plays, visits to biodiversity parks, cleanliness drives etc. In most activities, NSS and Eco Club cooperate and function as one.







# Social Responsibilities

## INCLUSIVENESS AND EXCELLENCE

Inclusion as a strategy for excellence in ANDC is the recognition that the institution's success is dependent on how well it values, engages, and includes diverse students, faculty, staff and the community. More than a short-term project or a narrow initiative, this comprehensive approach has involved a fundamental transformation of the College's culture by embedding and practicing inclusion in every effort, aspect, and level of the institution. The goal is to make inclusion a norm that is implemented and practiced.

To advance this strategy of inclusivity and excellence 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.



These concerns may be related to a variety of matters including adapting to Delhi and the demands of college life. This forum also strives to promote awareness and celebrate the region's unique and magnificent cultures. With these objectives and under the aegis of "Ek Bharat Shrestha Bharat" programme of the Government, the college formally inaugurated the "The North-East Cell" of the college on March 2, 2107. The main objective behind this cell is for counseling, mentoring, assisting and assimilating the students from the NE region to strive for their all round development.

In the advancement of this paradigm, the college organized the 'Inter College Sports day for the Paralympics' on the occasion of closing ceremony of year long Silver Jubilee celebrations of the College. The College is one of the first institutions in DU to conduct such an event. The event received a very enthusiastic response and the Hon'ble Vice Chancellor of the University of Delhi Professor Yogesh Tyagi too graced this occasion.



## INFRASTRUCTURE: AVAILABLE RESOURCES

The campus, which is basically designed for a school, has been expanded to keep pace with the ever-growing needs by creative use of space, leading to well-equipped laboratories and an enviable air-conditioned library. Among all the colleges of the University, we have perhaps the best Science and IT laboratories for teaching and research. The College has excellent campus wide Wi-Fi that is available 24 hours at the speed of 100Mbps. The College has an air-conditioned conference room that can accommodate over 100 people. The fully computerized library houses a comprehensive collection of over 27,000 volumes covering all the discipline courses offered by the College. 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. The college has recently introduced Radio Frequency Identification (RFID) based Library Management System that allows faster transactions for the library. Self-checkout service and external book return/book drop station are great ways to avoid queues at

the Circulation/Reserves Desk during peak periods.

With the aim of maintaining transparency in the marking of attendance, the College has adopted an ERP software developed by Tata Consultancy Services (TCS). The software is a cloud-based service for the education sector. The students can create a login ID and access their profiles. The software allows the students to check their attendance online on the same day it is marked, thereby enabling the students to keep track of the status of their attendance. Moreover, with the help of the ERP software, parents can also get regular updates on their child's attendance. Besides helping in keeping track of the students' attendance, the software will also allow the students to take online tests. Many other utilities such as timetable are also included in the TCS ERP software, making it an instant favourite of the students.

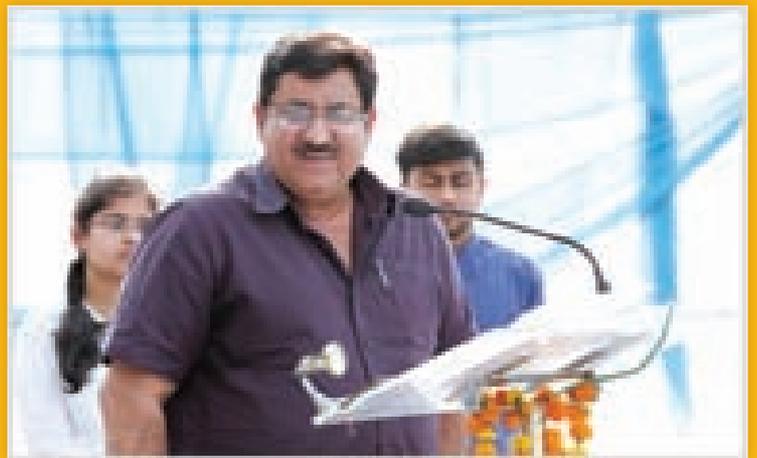
A hygienic canteen offering food at subsidized rates, a shop that stores all kinds of stationery for students, the Girls' Common Room, a mini-gym, space for indoor and outdoor games are eagerly awaiting the new entrants.

### Moving Ahead: New College Campus

The College has been allotted 7.5 acres of land for the construction of the new campus at PSP area, Sector 5, Rohini in December 2014. The allotted land is at a prime location and is at a walking distance from Rithala/Rohini West metro station. The new campus will have all modern amenities for students and the College will expand its horizons by adding a range of new courses and increasing the number of students enrolled in it from the present 1800. It will have a 9 storied academic block and a 5 storied administrative block. Additionally, it will have an auditorium, library, start-up hub and multipurpose indoor gymnasium complex, an amphitheatre with a seating capacity of 150.

The new campus will have a playground of high standard to host football as well as cricket tournaments. A state-of-the-art indoor multipurpose sports facility, to host any national level tournament, will be created for volleyball, basketball, badminton and table tennis along with a yoga centre. An 8 storied Hostel Block will provide a comfortable living experience for the students.





## VISITORS: EMINENT GUESTS

# Visitors

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, Professor Alan Warren (Natural History Museum, London), Dr. H. Phillip Stahl (NASA, USA), Dr Manda Clair (Western New Mexico University), 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 Sahni (DG, CSIR) 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. They felt happy to be among the students and staff of the college, who in turn felt inspired to excel.

## RECOGNITIONS GALORE: FEATHERS IN THE CAP

# Recognitions

The Award of Good Practices in all the three years (2013, 2014 & 2015) that Antardhvani was held and the OPAL award of the Open Educational Quality Initiative at Berlin (2011) by a consortium which includes UNESCO, ICDE, EFQUEL and several European Universities recognized the College for the quality of education we provide.

Yet another page turned over with Department of Biotechnology (DBT, Gol) providing support to 7 departments (Biomedical Science, Botany, Zoology, Chemistry, Physics, Computer Science and Electronics) under strengthening component of Star College Scheme. 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. The scheme entails one time grant of INR 5 lakhs for each department and INR 2 lakhs per department under recurring head for a period of 3 years beginning 2017.

Five teachers of the College have been recognized by the University for Teaching Excellence – 3 in 2009 and one each in 2014 and 2017. Six teachers have been awarded the Meritorious Teacher awards by the Directorate of Higher Education (2011-2017). Our faculty members stand out also when they win awards for their books or are invited to be editors of journals.

The students have regularly brought us laurels. One of our students has been awarded a certificate and a cash prize by Delhi University-POSCO TJ Park Foundation (Korea) in "Recognition of outstanding scholastic achievement and dedication to knowledge". We have the only DHE Young Scientist awardee among students in DU, a student essay award winner and a participant at the Environment Summit held in Copenhagen and another student who received a cash prize from the Chief Minister of Delhi for her live model under the aegis of the Eco Club.

These students were formally recognized – but we are also proud of what our students achieve after they leave college – the alumni of ANDC have joined prestigious institutions of higher education in the country and outside – DU, IGIB, IISc, TIFR, NBRC, IITs, NPL, CCMB, TISS, IIM, ICGEB, IISERs, JNU, NCBS, AIIMS, University of Hyderabad, PGIMER, BHU, MKU, MDU, IARI, Jamia Hamdard University, Jamia

Milia Islamia University, TERI, IP University, Punjab University, Guru Nanak Dev University, University of Pune, Christ College Bangalore (MBA) XLRI, NUS (Singapore), ICFAI, ICWAI, IMT, Columbia University (USA), etc. It is reassuring to see a familiar face or two on any visit to the best research centres in the country – it gives us confidence that we are doing well!

## 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       | Name (Number) of the Fellowship | Name (Number)of the Fellowship | Name (Number)of the Fellowship   | Name (Number)of the Fellowship  |
|--------------------------------------|---------------------------------|--------------------------------|--|---|
| D. C. Arora Fellowship (4)           | Meritorious (2)                 | 6000/-                         | All ANDC students  | Marks secured in Ist and IInd years   |
|                                      | Needy (2)                       | 6000/-                         | 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                     | 6000/-                         | B.Sc. (H) Electronics<br>B. Sc. (Physical Science with Computer Science) | 60% marks in the previous year (cleared in the first attempt), 75% attendance                 |
|                                      | Needy                           | 6000/-                         | B.Sc. (H) Electronics<br>B. Sc. (Physical Science with Computer Science) | Family income not more than Rs. 6000/- per month, 75% attendance                              |

| Name (Number)of the Fellowship                                      | Name (Number) of the Fellowship | Name (Number)of the Fellowship   | Name (Number)of the Fellowship            | Name (Number)of the Fellowship   |
|---|---------------------------------|--|---|--|
| Dr. (Ms.) Usha Aggarwal Tejaswini Scholarship for B.Com. (H)        | Meritorious                     | 3600/- for each semester   | B.Com. (H)                                | Class topper of B.Com. (H) in Semester I and II  |
| Sri Sultan Chand Endowment Scholarship                              | Meritorious                     | 3500/-   | B. Com. (H)                               | Second topper in the second year of B. Com. (H)  |
| Pushpa Paul Memorial Scholarship                                    | Meritorious                     | 15000/-  | Girl students                             | Girl student/s with a vision for the future  |
| Abhinav Halen Scholarship   | Needy (2)                       | 15000/-  | Students of the Department of Electronics | Low family Income  |
| Krishna Toteja Memorial Scholarship                                 | Meritorious and needy (1)       | 6000/-   | Student of B. Sc. (H) Zoology             | Meritorious girl student of B. Sc. (H) Zoology with low family income                          |
| AND College Academic Award  | University of Delhi Positions   | I – 10000/-<br>II – 6000/-<br>III – 4000/-   | All ANDC students                         | Ist, IIrd and IIIrd position in the University of Delhi in the semester examinations           |
|   | South Campus Positions          | I – 4000/-<br>II – 3000/-<br>III – 2000/-  | All ANDC students                         | Ist, IIrd and IIIrd position in South Campus, University of Delhi in the semester examinations |
|   | Class Toppers                   | 1500/-   | 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)<br>2. Rs. 800/- per month stipend for ten months | All ANDC students                         | Low family income, 75% attendance  |

| Name (Number)of the Fellowship  | Name (Number) of the Fellowship | Name (Number)of the Fellowship  | Name (Number)of the Fellowship | Name (Number)of the Fellowship   |
|---|---------------------------------|---|--------------------------------|--|
|   |                                 | 3. Book Bank Aid<br>4. Stationery + Photostat upto Rs. 3000/- for the whole academic year |                                |  |
| Earn While You Learn  | Needy                           | Variable  | All ANDC students              | Based on need and willingness to work  |
| Best All Round Student of the Year (Instituted from the year 2016 as part of the Silver Jubilee Celebrations) | All Rounder                     | 10000/-   | 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: HELPING IN PROCURING JOBS

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 and many others recruit students every year from our campus. In the last academic year, around 90 students got job offers in the

campus placement drive. Recently, the College has been empanelled under the Pradhan Mantri YUVA Yojna (formerly known as UDAYAMITA). 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

**Dr. Savithri Singh**

Principal

**Dr. Ravi Toteja**

Vice Principal

**Dr. Amit Garg**

Bursar

## FACULTY

| S.NO.                                   | Name of the Faculty      | Designation         |
|---|--------------------------|---------------------|
| <b>DEPARTMENT OF BIOMEDICAL SCIENCE</b> |                          |                     |
| 1                                       | Dr. Urmi Bajpai          | Associate Professor |
| 2                                       | Ms. Sunita Jetly         | Associate Professor |
| 3                                       | Dr. Gagan Dhawan         | Assistant Professor |
| 4                                       | Dr. Archana Pandey (TIC) | Associate Professor |
| 5                                       | Dr. Rajesh Chaudhary     | Assistant Professor |
| <b>DEPARTMENT OF BOTANY</b>             |                          |                     |
| 1                                       | Dr. M.S. Rajeswari       | Associate Professor |
| 2                                       | Dr. Anupama Shukla (TIC) | Associate Professor |
| 3                                       | Dr. Anita Narang         | Associate Professor |
| 4                                       | Dr. Charu Khosla Gupta   | Associate Professor |
| 5                                       | Dr. Geetika Kalra        | Associate Professor |
| 6                                       | Mr. Yasheshwar           | Assistant Professor |
| 7                                       | Dr. Rashmi Sharma        | Assistant Professor |
| <b>DEPARTMENT OF CHEMISTRY</b>          |                          |                     |
| 1.                                      | Dr. Sunita Hooda         | Associate Professor |
| 2.                                      | Dr. Seema Gupta          | Associate Professor |
| 3.                                      | Dr. Pooja Bhagat         | Associate Professor |
| 4.                                      | Dr. Shalu 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 (TIC) | Associate Professor |
| 10.                                     | Dr. Geetu Gambhir        | Assistant Professor |
| 11.                                     | Dr. Dinesh Kr. Arya      | Assistant Professor |
| 12.                                     | Dr. Vikrant Kumar        | Assistant Professor |
| 13.                                     | Dr. Pankaj Khanna        | Assistant Professor |
| <b>DEPARTMENT OF COMMERCE</b>           |                          |                     |
| 1                                       | Ms. Sangeeta Relan       | Associate Professor |
| 2                                       | Ms. Sadhna Gupta (TIC)   | Associate Professor |
| 3                                       | Dr. Surinder Kaur        | Associate Professor |

| S.NO.                          | Name of the Faculty        | Designation         |
|--------------------------------|----------------------------|---------------------|
| 4                              | Ms. Anuradha Sarin         | Associate Professor |
| 5                              | Ms. Poonam Chauhan         | 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 (TIC)       | Associate Professor |
| 3                              | Dr. Sunita Narang          | Assistant Professor |
| 4                              | Ms. Harita Mehta           | Assistant Professor |
| 5                              | Ms. Preeti Marwaha         | Assistant Professor |
| 6                              | Dr. Chandrakant Samal      | Assistant Professor |
| 7                              | Ms. Anu Preveen (Temp.)    | Assistant Professor |
| DEPARTMENT OF ELECTRONICS      |                            |                     |
| 1                              | Dr. Sona Pranav Kumar      | Associate Professor |
| 2                              | Dr. Anju Agrawal (TIC)     | Associate Professor |
| 3                              | Dr. Amit Garg              | 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           | Associate Professor |
| 6                              | Ms. Seema Gupta            | Associate Professor |
| 7                              | Dr. Sadanand Prasad (TIC)  | Assistant Professor |
| 8                              | Dr. Chaman Singh           | Assistant Professor |
| 9                              | Dr. Sarita Agarwal (Temp.) | Assistant Professor |
| DEPARTMENT OF PHYSICS          |                            |                     |
| 1                              | Dr. Mamta Bhatia           | Associate Professor |
| 2                              | Dr. Sanjeeta Rani          | 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 |

| S.NO.                 | Name of the Faculty        | Designation         |
|-----------------------|----------------------------|---------------------|
| 7                     | Dr. Priti Goyal            | Associate Professor |
| 8                     | Dr. Ranjeet Singh          | Assistant Professor |
| 9                     | Dr. Subhash Kumar          | Assistant Professor |
| 10                    | Dr. Rachna Joshi           | Associate Professor |
| 11                    | Mr. Pawan Kumar (TIC)      | Assistant Professor |
| DEPARTMENT OF ZOOLOGY |                            |                     |
| 1                     | Dr. Poonam A. Kant         | Associate Professor |
| 2                     | Dr. Sarita Kumar           | Associate Professor |
| 3                     | Dr. Monisha Khanna (TIC)   | 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 |

**Placement Officer cum Instructor: Mr. Sanjay Vohra**  
**Administration**

|                     |                                       |
|---------------------|---------------------------------------|
| Mr. V. S. Rao       | Administrative Officer Administration |
| Mr. Chetanya Sharma | Section Officer Accounts              |
| Mrs. Meenu Malhotra | Section Officer Administration        |

# Admissions 2017

## ADMISSIONS 2017

### 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

| S.No. | Department         | GE - 1 in Semester I  | GE - 2 in Semester II  |
|-------|--------------------|---|--|
| 1     | Chemistry          | Atomic Structure, Bonding, General Organic Chemistry & Aliphatic Hydrocarbons | Chemistry of s- and p-block elements, States of Matter and Chemical Kinetics |
| 2     | Computer Science   | Introduction to Programming   | Introduction to Database System  |
| 3     | Commerce           | Insurance and Risk Management   | Investing in Stock Markets   |
| 4     | Biomedical Science | Biological Chemistry  | Concepts in Medicinal Chemistry and Drug Development                         |

| S.No. | Department  | GE - 1 in Semester I                        | GE - 2 in Semester II   |
|-------|-------------|---|---|
| 5     | Botany      | Biodiversity/Plant Anatomy and Embryology   | Plant Ecology and Taxonomy                                      |
| 6     | Electronics | Electronic Circuits and PCB Designing       | Digital System Design   |
| 7     | Mathematics | Calculus                                    | Linear Algebra  |
| 8     | Physics     | Waves and Optics                            | Mechanics   |
| 9     | Zoology     | Insect Vector and Diseases Animal Diversity | Human Physiology<br>Exploring the Brain: Structure and Function |
| 10    | English     | Academic Writing and Composition            | Language, Literature and Culture                                |

### 3. Ability Enhancement Courses (AEC)

#### 3.1 Ability Enhancement Compulsory Courses (AECC): Environmental :

Science, English Communication/Hindi Communication/Modern Indian Language (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 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 IN 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         | (English/Hindi/MIL Communication)/<br>Environmental Science |                                |                                     | GE - 1                 |
|          | C 2         |   |                                |                                     |                        |
| II       | C 3         | (English/Hindi/MIL Communication)/<br>Environmental Science |                                |                                     | GE - 2                 |
|          | C 4         |   |                                |                                     |                        |
| III      | C 5         |   | SEC - 1                        |                                     | GE - 3                 |
|          | C 6         |   |                                |                                     |                        |
|          | C 7         |   |                                |                                     |                        |

| Semester | Core Course | Ability Enhancement Compulsory Course (AECC) | Skill Enhancement Course (SEC) | Elective: Discipline Specific (DSE) | Elective: Generic (GE) |
|----------|-------------|--|--------------------------------|-------------------------------------|------------------------|
| IV       | C 8         |  | SEC - 2                        |                                     | GE - 4                 |
|          | C 9         |  |                                |                                     |                        |
|          | C 10        |  |                                |                                     |                        |
| V        | C 11        |  |                                | DSE - 1                             |                        |
|          | C 12        |  |                                | DSE - 2                             |                        |
| VI       | C 13        |  |                                | DSE - 3                             |                        |
|          | C 14        |  |                                | 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   | (English/Hindi/MIL Communication)/ Environmental Science |                                |                                     |
|          | DSC - 2 A   |  |                                |                                     |
| II       | DSC - 1 B   | (English/Hindi/MIL Communication)/ Environmental Science |                                |                                     |
|          | DSC - 2 B   |  |                                |                                     |
|          | DSC - 3 B   |  |                                |                                     |
| III      | DSC - 1 C   |  | SEC - 1                        |                                     |
|          | DSC - 2 C   |  |                                |                                     |
|          | DSC - 3 C   |  |                                |                                     |
| IV       | DSC - 1 D   |  | SEC - 2                        |                                     |
|          | DSC - 2 D   |  |                                |                                     |
|          | DSC - 3 D   |  |                                |                                     |
| 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 Coursee                             | Number of Seats | Gen | SC | ST | OBC |
|---|-----------------|-----|----|----|-----|
| B. Sc. (Honours) Biomedical Science*              | 50              | 25  | 07 | 04 | 14  |
| B. Sc. (Honours) Chemistry                        | 50              | 25  | 07 | 04 | 14  |
| B. Sc. (Honours) Computer Science*                | 50              | 25  | 07 | 04 | 14  |
| B. Sc. (Honours) Electronics                      | 50              | 25  | 07 | 04 | 14  |
| B. Sc. (Honours) Physics                          | 50              | 25  | 07 | 04 | 14  |
| B. Sc. (Honours) Zoology                          | 50              | 25  | 07 | 04 | 14  |
| B. Sc. Life Sciences                              | 45              | 25  | 07 | 03 | 12  |
| B. Sc. (Honours) Mathematics                      | 50              | 25  | 07 | 04 | 14  |
| B. Com. (Honours)                                 | 100             | 50  | 15 | 08 | 27  |
| B. Sc. Physical Science with Physics, Mathematics |                 |     |    |    |     |
| and Chemistry                                     | 45              | 23  | 07 | 03 | 12  |
| and Computer Science                              | 45              | 23  | 07 | 03 | 12  |
| and Electronics                                   | 45              | 23  | 07 | 03 | 12  |
| POSTGRADUATE COURSES @                            |                 |     |    |    |     |
| M. Sc. (Chemistry)                                | 31              | 16  | 05 | 02 | 08  |
| M. Sc. (Mathematics)                              | 31              | 16  | 05 | 02 | 08  |
| FOREIGN LANGUAGES #                               |                 |     |    |    |     |
| (a) Certificate Courses                           |                 |     |    |    |     |
| French *  | 62              | 31  | 09 | 05 | 17  |
| German *  | 62              | 31  | 09 | 05 | 17  |
| Spanish*  | 62              | 31  | 09 | 05 | 17  |
| Russian   | 20              | 10  | 3  | 2  | 5   |
| (b) Diploma Courses*                              |                 |     |    |    |     |
| French  | 31              | 16  | 05 | 02 | 08  |
| German  | 31              | 16  | 05 | 02 | 08  |
| Spanish   | 31              | 16  | 05 | 02 | 08  |
| (b) Advanced Diploma                              |                 |     |    |    |     |
| French  | 31              | 16  | 05 | 02 | 08  |
| German  | 31              | 16  | 05 | 02 | 08  |
| Spanish   | 31              | 16  | 05 | 02 | 08  |

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 3 July 2017 to Thursday 20 July 2017.

## Admission Guidelines

All the candidates [UR (unreserved), 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 proces.

## Admission Procedure

- The announcement of cut-off lists for all courses/categories (UR, 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 Science (Computer Science)
  - f. B.Sc. Physical Science (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 print out 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 Board Examination Certificate
2. Class X Marks sheet.
3. Class XII Marks sheet.
4. Class XII Provisional Certificate/ Original Certificate
5. Character Certificate (recent)
6. Documentary evidence of having studied Hindi till Class VIII, if the student has not studied Hindi in Class X. Those students who do not have Hindi pass certificate should give a written undertaking that they will clear the Compulsory Test in Hindi in order to receive the graduation degree.
7. SC/ST/PwD/CW(Children/Widows) of eligible Armed personnel/Kashmiri Migrant Certificate (in the name of the candidate) and issued by the competent authority.
8. OBC (Non-Creamy layer) Certificate (in the name of the applicant): The validity of the non-creamy layer certificate must be for the financial year 2016-2017 (as mentioned in DOPT Office Memorandum No. 36036/2/2013-Estt. (Res-I) dated 31.03.2016) issued by a competent authority (as provided in DOPT Office Memorandum No. 36012/22/93-Estt. (SCT) dated 15.11.1993 ) for OBC applicant whose caste appears in the Central List of OBC only.
9. Transfer Certificate from school/ college as well as Migration Certificate from Board/University are required from those students who have passed senior secondary examination from outside Delhi
10. 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 subjects 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.

## A. General Category

| S. No. | Course   | Requirement of Subjects Studied and Passed  | Minimum Eligibility  | Specific Requirements  |
|--------|--|---|--|--|
| 1.     | B. Sc. (Hons.)<br>Biomedical<br>Science              | Physics,<br>Chemistry,<br>Biology/<br>Biotechnology,<br>English                             | An aggregate of at least 55% in Physics, Chemistry, Biology/ Biotechnology (PCB/ Bt) subjects. At least 50% marks in English (compulsory subject)  | 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)<br>Botany<br>Zoology                    | Physics,<br>Chemistry and<br>Biology/<br>Biotechnology                                      | 55% or more marks in the aggregate of Physics, Chemistry and Biology/ Biotechnology (Practical & Theory together)  | Selection will be made on the basis of marks in the aggregate of Physics, Chemistry and Biology/ Biotechnology   |
| 3      | B.Sc. (Hons.)<br>Computer<br>Science                 | Mathematics,<br>one language<br>and two other<br>subjects listed<br>as academic<br>subjects | Should have secured<br>a) 60% or more marks in Mathematics<br>b) 60% or more marks in aggregate of four subjects including Mathematics, one language and two other subjects listed as Academic Subjects (List A) | Selection will be made on the basis of best four academic subjects including one language, Mathematics and two subjects out of Physics, Chemistry and Computer Science / Informatics Practices. For the students of other streams: one Language, Mathematics with two Academic Subjects (List A) with a deduction of 2%. |
| 4      | B.Sc. (Hons.)<br>Mathematics                         | Mathematics,<br>one language<br>and two other<br>subjects listed<br>as academic<br>subjects | 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 subjects (List A)  |
| 5      | B.Sc. (Hons.)<br>Physics<br>Chemistry<br>Electronics | Physics,<br>Chemistry and<br>Mathematics  | 55% or more marks in the aggregate of Physics, Chemistry and Mathematics and 50% in one compulsory language  | Selection will be made on the basis of marks in the aggregate of Physics, Chemistry and Mathematics  |

| S. No. | Course                 | Requirement of Subjects Studied and Passed   | Minimum Eligibility  | Specific Requirements  |
|--------|------------------------|--|--|--|
| 6      | B.Sc. Physical Science | Physics, Chemistry/ Computer Science, Mathematics  | 45% or more marks in the aggregate of Physics, Chemistry/ Computer Science, Mathematics (Practical & Theory together) and passing with 40% in one compulsory language (i.e. English) | Selection will be made on the basis of marks in the aggregate of Physics, Chemistry/ Computer Science, Mathematics   |
| 7      | B.Sc. Life Science     | Physics, Chemistry, Biology/ Biotechnology   | 45% or more marks in the aggregate of Physics, Chemistry, Biology/Biotechnology (Practical & Theory together) and passing with 40% in one compulsory language (i.e. English)         | Selection will be made on the basis of marks in the aggregate of Physics, Chemistry, Biology/ Biotechnology  |
| 8      | B.Com. (Hons.)         | Mathematics/ Business Mathematics, one language and two other subjects listed as academic subjects | An aggregate of 45% marks in the qualifying examination  | Selection shall be made on the basis of marks obtained in qualifying examination including one language and three best subjects as per the following:<br><br>One Language from Part 1 of List C1 + three best subjects out of Part 2 of List C1.<br><br>OR<br><br>One Language from Part 1 of List C1 + any combination of subjects out of Part 2 of List C1, List C2 or any other subject (not listed either in List C1 or List C2).<br><br>In such a case, the deduction of marks from |

| S. No. | Course | Requirement of Subjects Studied and Passed | Minimum Eligibility | Specific Requirements  |
|--------|--------|--|---------------------|--|
|        |        |  |                     | aggregate percentage of 'Best Four' shall be as follows:<br>i. For every subject included from List C2, a deduction of one percent in aggregate percentage of 'Best Four';<br>ii. For every other subject (not listed either in List C1 or List C2), a deduction of 2.5% per subject in aggregate percentage of 'Best Four'. |

Note: 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

### 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         |            |

##Note: For admission to B. Com. (Hons.).

1. The applicant must have studied and passed Mathematics/Business Mathematics at the qualifying examination.

2. The computation of 'best four' subjects in the above framework should lead to an effective and unique 'best four' which would be higher than any other combination of 'best four' subjects.

### **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- interchangeable, if necessary). 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**

Twenty seven per cent 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. The non-creamy layer is identified by the Gross Annual Income below INR 6 lakhs in the year immediately preceding the year of admission. 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 2016-2017(as mentioned in DOPT Office Memorandum No. 36036/2/2013-Estt. (Res-I) dated 31.03.2016) issued by a competent authority (as provided in DOPT

Office Memorandum No. 36012/22/93-Estt. (SCT) dated 15.11.1993) for OBC applicant whose caste appears in the Central List of OBC only.

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 General 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.

The merit list for the general category seats will comprise of all candidates in the order of merit. No one will be excluded from the same. In other words, it will also include SC/ST/OBC candidates, if they come in general merit. The candidate cannot be excluded from the general category just because she/he belongs to SC/ST/OBC. 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 candidates.

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

## D. 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 where specified disability has not been defined in measurable terms and includes a person with disability where specified disability has been defined in measurable terms, as certified by the certifying authority. It may be noted that the erstwhile Persons

with Disability Act, 1995, under which reservation for Persons with Disabilities in admissions was provided earlier has now been repealed. The 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].

The certificates of these candidates should have been issued by a recognized board or a Government hospital.

## E. 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 submit any participation/winning certificate, as evidence of having participated in the concerned activity during the last three years.

### ECA

- i. Trials will be held at two levels: Preliminary and Final trials for any activity at the college(s) identified by Culture Council of University of Delhi. The date/dates for the Preliminary / Final trials shall be notified and displayed on the University Website, College Website and Notice Board.
- ii. The applicant shall be allowed to appear at the preliminary trials only once in an event. Any request for a second chance will not be permitted.
- iii. Not more than 15% concession in academic merit vis-a-vis unreserved

category applicants (for the last relevant cut-off) may be given for admission to specific programmes (subject to the minimum eligibility of the programme).

- iv. The list of the short listed applicants for final trials will be notified on the University Website, and the Website and Notice Board of the college that is conducting an ECA activity trial.
- v. The Certificates (only of International, National, State, Zonal and School level) will be evaluated only for students who qualify for final trials. They have to carry all the relevant certificates in original (and a self attested photocopy) for evaluation at the time of the final trial. Certificates more than 3 year old [i.e., beyond the period May 22, 2014 – May 21, 2017] will not be considered.
- vi. Weightage in the final trials will be given to the trials and certificates in the following ratio: Trials: 75%, Certificates: 25%.
- vii. The applicant must secure at least 50% marks in the final trials (38 out of 75) to be eligible for the final list of selected candidates.

- viii. The selected candidates shall submit an Undertaking at the time of admission stating that the candidate will perform for the College and University for the entire period of the candidate's undergraduate programme of study. The college has a right to cancel their admissions if they violate the undertaking during their stay in college.

### **Sports**

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

Sports persons who have represented India in the under-mentioned Competition(s), recognized and funded by the Ministry of Youth Affairs and Sports (MYAS)

- a. Olympic Games by the International Olympic Committee (IOC)
- b. World Championship / World Cup by International Sports Federations (ISFs)
- c. Commonwealth Games by Commonwealth Games Federation (CGF)
- d. Asian Games by Olympic Council of Asia (OCA)
- e. Asian Championships by International Sports Federations (ISFs)
- f. South Asian Games (SAG) by South Asian Sports Council (SASC)
- g. Paralympic Games by International Paralympic Committee (IPC)

#### **II. Admission on the Basis of Sports Trial**

- i. The level of competency of the applicant in a specific sports/ games will be determined only for those who have achieved distinction in sports during the last 3 years (i.e., within the period May 22, 2014 – May 21, 2017).
- ii. Weightage in the trials will be given to the trials and certificates in the following ratio: Trials: 60%, Certificates: 40%.
- iii. The Applicant should go through the notifications issued by the Colleges which have been identified by the Delhi University Sports Council (DUSC) for conducting Sports trials for a specific sport/game.
- iv. The Applicant must secure minimum 30 marks in the Sports Trial to be eligible for admission on the basis of Sports.
- v. The list of finally selected applicants containing marks of the Sports Certificates and Sports Trials along with programme allotted shall be displayed on the Website and Notice Board of the College.
- vi. It is mandatory to submit an Undertaking on Non-Judicial Stamp Paper of Rs. 100/- by the applicant at the time of admission stating that he/she will play for the College and University during their Under-Graduate programme of study.

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

## F. Gap year students

Students with a gap in their education may be admitted in the College. Such gap-year students must bring, in original, admission slips, admit cards etc. 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.

## G. Other Special Categories

### I Registration of Kashmiri Migrants

- i. Up to 5% seats are reserved course-wise in all colleges for wards of Kashmiri Migrants.
- 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.
- iii. The ward of Kashmiri Migrant will have to upload a certificate of registration as Kashmiri Migrant issued by Divisional Commissioner/Relief Commissioner.
- iv. A concession of maximum 10% in the last cut off marks for General category candidates shall be extended to the wards of Kashmiri Migrants.
- 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.

### II 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.
- (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.

All Students seeking admissions under the above mentioned categories should get themselves registered in the University on the DU UG admission portal.. The University will allocate course and college to the applicants and forwards the list to the college. The College admits the students as per the list. For further details please refer University website ([www.du.ac.in](http://www.du.ac.in)).

## Calculation of 'Best Four' Percentage

For calculating 'Best Four' percentage, following are to be included.

- a. One language and three best academic/elective subjects from LIST A given below.
- b. Out of three, academic/elective subject chosen above, one must be the concerned subject in which the admission is sought, failing which a deduction of 2.5% will be imposed on the calculated 'Best Four' percentage.
- c. If an applicant doesn't include the subjects given in LIST A in 'Best Four', then a deduction of 2.5% of maximum marks will be levied for each subject for the purpose of calculating 'Best Four'.

### LIST A (ACADEMIC/ELECTIVE SUBJECTS)

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

#### Note

- A Accountancy/Business Studies/ Commerce shall be treated at par as academic/elective subjects.
- B Biology/Biotechnology and Business Studies will be treated as academic/elective subject.
- C The subject 'Information Practices' will be equivalent to Computer Science for admission to B. Sc (Honours) Computer Science only.
- D Business Mathematics will be treated as equivalent to Mathematics for admission to B. Com. (Honours) only.
- E In case a candidate has studied both elective and core in any language, the core will be treated as language, while elective can be considered as academic/elective subject.
- E The University may define any other relevant subject(s) as an academic/elective for a particular course.

The last cut-off percentage of marks at which admissions closed at Acharya Narendra Dev College in 2016, for different courses are as follows\*:

| S. No. | Course  | General (%)    | OBC (%)        | SC (%)         | ST (%)         | PwD (%)      |
|--------|---|----------------|----------------|----------------|----------------|--------------|
| 1      | B. Com (Honours)                              | 90 (3E+1L)     | 70 (3E+1L)     | 68 (3E+1L)     | 55 (3E+1L)     | 45 (3E+1L)   |
| 2      | B. Sc. (Honours) Mathematics                  | 93.5 (M+2E+1L) | 91 (M+2E+1L)   | 82 (M+2E+1L)   | 68 (M+2E+1L)   | 50 (M+2E+1L) |
| 3      | B. Sc. (Honours) Physics                      | 92.66 (PCM)    | 90.33 (PCM)    | 78 (PCM)       | 65 (PCM)       | 55 (PCM)     |
| 4      | B. Sc. (Honours) Chemistry                    | 92 (PCM)       | 86 (PCM)       | 68.33 (PCM)    | 59.66 (PCM)    | 55 (PCM)     |
| 5      | B. Sc. (Honours) Botany                       | 86.66 (PCB/Bt) | 78.66 (PCB/Bt) | 75.33 (PCB/Bt) | 67 (PCB/Bt)    | 55 (PCB/Bt)  |
| 6      | B. Sc. (Honours) Zoology                      | 90 (PCB/Bt)    | 83.33 (PCB/Bt) | 76.66 (PCB/Bt) | 69 (PCB/Bt)    | 55 (PCB/Bt)  |
| 7      | B. Sc. (Honours) Biomedical Science           | 93.66 (PCB/Bt) | 88 (PCB/Bt)    | 84.66 (PCB/Bt) | 72.66 (PCB/Bt) | 55 (PCB/Bt)  |
| 8      | B. Sc. (Honours) Computer Science             | 93 (M+2E+1L)   | 85.5 (M+2E+1L) | 70.5 (M+2E+1L) | 63.5 (M+2E+1L) | 55 (M+2E+1L) |
| 9      | B. Sc. (Honours) Electronics                  | 86.66 (PCM)    | 86.33 (PCM)    | 74 (PCM)       | 62.33 (PCM)    | 55 (PCM)     |
| 10.    | B. Sc. Life Science                           | 84 (PCB)       | 75 (PCB)       | 65 (PCB)       | 57 (PCB)       | 50 (PCB)     |
| 11.    | B. Sc Physical Science with Electronics       | 80.33 (PCM)    | 77 (PCM)       | 55 (PCM)       | 45 (PCM)       | 45 (PCM)     |
| 12.    | B. Sc. Physical Science with Computer Science | 85.66 (PMC/Cs) | 78.66 (PMC/Cs) | 65 (PMC/Cs)    | 45 (PMC/Cs)    | 45 (PMC/Cs)  |
| 13.    | B. Sc. Physical Science with Chemistry        | 82.33 (PCM)    | 75 (PCM)       | 66 (PCM)       | 55 (PCM)       | 45 (PCM)     |

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

- ❑ 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/Bt indicates the aggregate Physics, Chemistry and Biology/ Biotechnology.
- ❑ 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 2017-18 is as follows:

| UNDERGRADUATE COURSES               | Admission Fees* (INR) |        |       |
|-------------------------------------|-----------------------|--------|-------|
|                                     | General/OBC           | SC/ST  | PwD   |
| B. Sc. (Honours) Biomedical Science | 18,760                | 18,760 | 2,455 |
| B. Sc. (Honours) Botany             | 7,760                 | 7,760  | 2,455 |
| B. Sc. (Honours) Chemistry          | 7,760                 | 7,760  | 2,455 |
| B. Sc. (Honours) Mathematics        | 7,760                 | 7,760  | 2,455 |
| B. Sc. (Honours) Physics            | 7,760                 | 7,760  | 2,455 |
| B. Sc. (Honours) Zoology            | 7,760                 | 7,760  | 2,455 |
| B. Sc. (Honours) Commerce           | 7,760                 | 7,760  | 2,455 |
| B. Sc. (Honours) Computer Science   | 22,760                | 22,760 | 2,455 |
| B. Sc. (Honours) Electronics        | 7,760                 | 7,760  | 2,455 |
| B. Sc. Life Science                 | 7,760                 | 7,760  | 2,455 |
| B. Sc. Physical Science             |                       |        |       |
| with Electronics                    | 7,760                 | 7,760  | 2,455 |
| with Computer Science               | 7,760                 | 7,760  | 2,455 |
| with Chemistry                      | 7,760                 | 7,760  | 2,455 |
| POSTGRADUATE COURSES                |                       |        |       |
| M. Sc. Chemistry                    | 7,646                 | 7,646  | 1,455 |
| M. Sc. Mathematics                  | 7,646                 | 7,646  | 1,455 |

#This fee includes Caution Money and Library Security of INR 1000 each (refundable) and SAKSHAM Fee of INR 100 (non-refundable).

The fees mentioned above are subject to change as per University guidelines. Examination fees (at 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 INR. 6500 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 SAARC countries national) is INR 227500.

## Cancellation and Withdrawal of Admission

Rules for Refund of Fee on account of withdrawal/cancellation of admission, migration etc\*

| S. No. | Reasons for seeking refund  | Quantum of fee to be refunded#   |
|--------|---|--|
| 1      | When a student applies for withdrawal of admission up to 31st July.   | Full fee after deduction of Rs. 500/- and full examination fee.            |
| 2      | When a student applies for withdrawal of admission on or after 1st August till three working days before the last date of admission (including the last day of admission).  | Full fee after deduction of Rs. 1000/- and full examination fee.           |
| 3      | When admission is made inadvertently due to error/omission/commission on the part of the University/College   | Full fee and full examination fee.   |
| 4      | When cancellation of admission is due to concealment/falsification of facts, submission of false/fake certificates(s), providing misleading information by the student or for any error/mistake on the part of the student. | No fee will be refunded.   |
| 5      | In case of Migration of a student in III semester from one college to another college (If permissible under the University rules), up to 31st August of the year of migration.  | Full fee after deduction of 20% of the total fee and full examination fee. |
| 6      | When a student of Self Financing course applies for withdrawal of admission on or before the last date of admission.  | Full fee after deduction of Rs. 1000/- and full examination fee.           |

|   | Reasons for seeking refund   | *Quantum of fee to be refunded   |
|---|--|--|
| 7 | If a student provisionally admitted to a course on declaration of the result of his qualifying examination/compartamental examination becomes ineligible for admission and his/her admission is cancelled. | Full fee after deduction of Rs. 1000/- provided that he/she applies for refund in the same Financial Year.   |
| 8 | 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.  |
| 9 | When a student has been allowed to change the course of study in the same college or within the departments of the University.   | After adjustment of fees already paid the student will be required to pay the remaining amount due as prescribed for the new course. In case the student paid in the previous course more than the amount due for the second course, the excess amount will be refunded/ adjusted towards further month(s) fees. |

# 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. Sharanjit Kaur, Ms. Sunita Jetly and Ms. Rupali Pabreja

**Note: A wheel chair is available on request at the gate of the college for use of any PwD student who comes for admission. A volunteer is also available for their help.**

## GENERAL RULES @ ANDC

Abbreviated extracts from the University of Delhi Ordinances are mentioned below. For details of the Ordinances XV - B, XV - C and XV - D of the University of Delhi,

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

### 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;

- 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.

### Ordinance XV-C (Abridged)

Ragging in any form is strictly prohibited within the premises of the College, at any place in Delhi University system as well as on public transport. Ragging involves acts by which dominant power or status of senior students is brought to bear on students freshly enrolled or on students considered junior or inferior by other students and includes individual/collective acts or practices which: (a) involve physical assault or threat or use of physical force, (b) violate the status, dignity and honour of students, (c) violate the status, dignity and honour of students belonging to the SC & ST, (d) expose students to ridicule and contempt and affect their self-esteem and (e) entail verbal abuse and aggression, indecent gestures and obscene behavior. The Principal shall take immediate action on any information regarding the occurrence of ragging. The punishment ranges from rustication, expulsion, cancellation of examination to withdrawal of degree awarded.

## 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 |

All students have to attend 2/3rd of the classes held in each Semester. The students may check their attendance periodically. In each Semester students who do not meet the required 2/3rd attendance will be denied Admission ticket for the ensuing examinations.

### *Disclaimer*

The College disclaims any liability towards any individual for any damage caused to her/him on the basis of information provided in this bulletin. The college reserves the right to suitably modify, update or delete any part of the bulletin without any prior information.





Ministry of Human Resource Development  
Government of India



National Institutional Ranking Framework  
India Rankings 2017

Acharya Narendra Dev College, Kalkaji

ranked 20 in College Category

  
CHAIRMAN, NBA

  
MEMBER SECRETARY, NBA



राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद

विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान  
NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL  
An Autonomous Institution of the University Grants Commission

*Certificate of Accreditation*

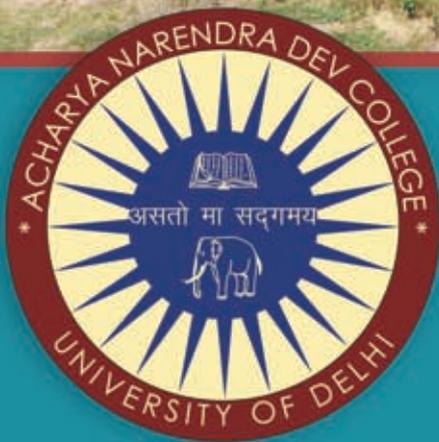
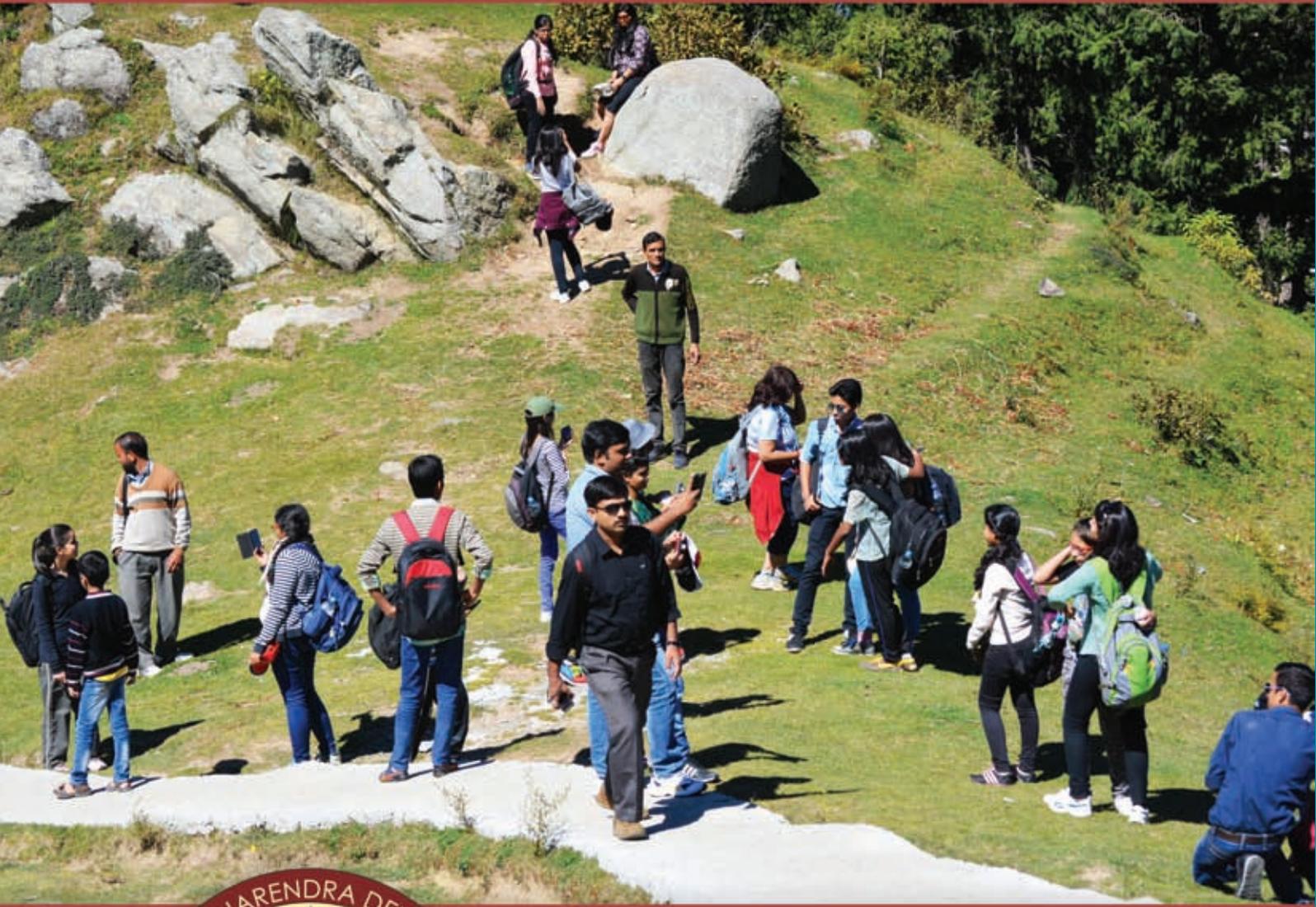
*The Executive Committee of the  
National Assessment and Accreditation Council  
on the recommendation of the duly appointed  
Peer Team is pleased to declare the  
Acharya Narendra Dev College  
Govindpuri, Kalkaji, affiliated to University of Delhi, Delhi as  
Accredited  
with CGPA of 3.31 on four point scale  
at A grade  
valid up to March 28, 2021*

Date : March 29, 2016



  
Director





## **Acharya Narendra Dev College**

(University of Delhi)

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<http://andcollege.du.ac.in>

₹ 150/-