



**Bhaskaracharya College of Applied Sciences  
(University of Delhi)**  
**Accredited 'A' Grade by NAAC**  
**Star College Status by DBT**

**Placement Brochure 2017-18**

# About the College

Bhaskaracharya College of Applied Sciences is a constituent college of University of Delhi and is entirely funded by Government of National Capital Territory of Delhi. The foundation of college was laid in October 1995 and is named after the great mathematician of 12<sup>th</sup> Century. The college has recently been accredited with ‘A’ Grade by National Assessment and Accreditation Council (NAAC). The college has also been awarded with ‘Star College Status’ by Department of Biotechnology (DBT) in recognition to the introduction of enrichment programmes in the curriculum.

The college started functioning from the PUSA Campus and shifted to the Dwarka Campus in the year 2002. The college presently offers eleven science courses, namely, Bachelor of Honours in Biomedical Science , Botany, Computer Science, Chemistry, Electronics, Instrumentation, Food Technology, Polymer Science, Physics, Microbiology and Zoology. Along with these eleven main departments, offering their respective courses, college also has four allied departments which form the backbone of these main subjects. College has also initiated the process to start some new Honours courses in Mathematics, Psychology, Environmental Sciences, Geology and Operational Research.

Within a span of 23 years, the college has emerged as a sought after college, for studying science courses, in the University of Delhi. The college admits meritorious students, based on their performance in the higher secondary examinations. Most of the students of our college pursue higher studies in some of the renowned institutes offering master’s program across the world. Thereafter, they either pursue doctoral studies or get themselves placed in industries.

The college has witnessed outstanding placements over the years. During their course tenure, students undertake training programs along with their studies. Working on these short term projects, our students acquire unique skill set which eventually helps them getting placements in Industry or Research organizations. When this trained group deliberates and brainstorms in their future endeavour, the outcome is transformational. Some of the students of our college have created new benchmarks, with placements in various industries for strategic and top leadership roles. The outgoing batch promises to set new records and break frontiers either in higher education or placements.

# Principal's Desk

“Arise! Awake! and stop not until the goal is reached”

## Swami Vivekananda

This famous quote of Swami Vivekananda clearly describes the mission of Bhaskaracharya College of Applied Sciences ....



It is my pleasure to introduce Bhaskaracharya College of Applied Sciences, a constituent college of University of Delhi, which offers eleven undergraduate courses in Science / Applied Sciences with an objective to develop global organizational leaders to be transformed into innovative thinkers and researchers, seeking opportunities in academics or industry. The college was established in the year 1995 and moved to its new campus in Dwarka, New Delhi. The college has a lush green and a Wi-Fi enabled campus with adequate infrastructure. Academic pursuits of the students are fully supported by a modern, well stocked library and state of the art laboratories. The college has made significant contribution to the society in terms of producing scholars and intellectuals who have reached unequalled heights at a global level. Three students of our college have secured top University positions and others have also brought laurels in sports, co-curricular and extracurricular activities. The college has recently been accredited with NAAC 'A' Grade, with a commutative CGPA score of 3.04. The college has also been awarded with 'Star College Status' by Department of Biotechnology (DBT) in recognition to the introduction of enrichment programmes in the curriculum and efforts towards the society at large.

The college faculty is actively engaged in research which has also helped to getting extra resources for undergraduate students. Some of the faculty members have been awarded by various organizations for teaching and research. The faculty members are quite active in attending conferences and some of them are also actively engaged in research work. The faculty members have received grants from UGC, DST, DU, and MoFPI that has helped their research initiatives. Nearly 250 students have been associated with the DU innovation projects since its inception. Research exposure at the undergraduate level has helped them to build a strong foundation that is required to enter into job market. Memorandum of Understanding (MoU) has also been signed by the college which has given new dimensions to academic life, quality of education, improved standard of research undertaken by students and faculty.

Besides the curriculum, our students are imparted skills through several training programs, workshops and seminars in collaboration with academic and research institutes. With a view

of inculcating leadership skills, students are encouraged to participate in various club activities. The college provides a strong platform for extracurricular activities and many of our students have brought laurels to the college. These platforms and opportunities have enormously helped our alumni to carve a niche for themselves in unorthodox careers besides contributing in the development of their personality. The faculty members are highly experienced and aim at overall grooming of their students to be technologically superior, academically competent and ethically strong. Inside the classrooms, students are trained to think critically and creatively to solve global problems, become lifelong learners and contributors to the society. The meticulous training provided by the faculty has helped students to excel in their degree programs and to undertake higher studies in their respective fields. We are proud to state that our alumni are not only pursuing higher education in best of the institutions across the country but are equally successful in their careers.

The college has a very active linkage with the industry from its inception. I am pleased to share that several students of the college are well placed in various reputed industries/organizations. To name a few, companies such as Cannon, Coca-Cola, Nestle, Uflex, Jubilant Organosys Ltd. and Ministry of Commerce & Industry (Govt. of India) and Arts et Métiers ParisTech (France) have selected some of the best students. Students have even received scholarships for their studies from different organizations. Around 10 students of the college have also been selected for CSIR-OSDD fellowship programme wherein they were exposed to high end research work.

I use this platform to introduce our final year under-graduate students to your esteemed organization for recruitment purpose or pursuing higher studies. I further wish them all a fascinating journey after graduating from BCAS. I firmly believe that your organization would be highly benefitted by the hard work and commitment of our students. I also appreciate the efforts of our vibrant Training and Placement Cell who are in constant touch with industries for the training and placement of our students. I am sure that the recruiters would find our students very competent and they will be visiting the campus regularly. We look forward towards enduring and fruitful relationship with our esteemed recruiters.

Dr. Balaram Pani

Principal

## Training and Placement Cell Committee Members



### From Left to Right

**Dr. Pawas Goswami, Dr. Partha S. Pal, Ms. Shweta Dua, Dr. Prem Lata Meena, Dr. Geeta Bhatt, Dr. Balaram Pani (Principal), Dr. Siddharth Sirohi (Convener), Dr. Pradeep Kumar Muwal, Dr. Ratyakshi, Dr. Jayant Sharma**

### Not in picture

**Dr. Shalini Sehgal, Dr. Uma Chaudhary, Dr. Shweta Gupta**

## **The Library**

The College Library was set up in 1995 with the mission to cater to the information needs of the students and the faculty. The library functions as an information resource center for the college in achieving its aim.

### **Infrastructure**

The library is housed in a spacious and well-lit three storied building called the library block. Lower ground floor is being used mainly as stack room with a facility of reading space for 15-20 users. Upper ground floor is being used for circulation cum reference service, stack room, staff working area, entry-exit and some reading area for some 15-20 users. The top floor is mainly used as a reading room with a capacity of 120 users and a free air-conditioned Internet facility with 20 computers.

### **Collection**

The Library has a staking length of 3396 ft. having a strong collection of more than 24000 volumes of books including reference books, 336 bound volumes of journals. The student books ratio of the library is 1:23. Library also has 1238 CD-ROMs/ DVD-ROMs. The library has developed a computerized record of more than 11000 journals' articles with bibliographic details. These are used by students for their projects. Apart from the in-house collection, the library has full access to the thousands of journals online which are being subscribed to by the Central Reference Library (University of Delhi). The Library is also subscribing to N-LIST (National Library and Information Services Infrastructure of Scholarly Contents) Programme - (a collection of E-Resources under UGC-INFONET Digital Library Consortium)

### **Automation**

The college library is automated using an open source Library Management Software KOHA with web-OPAC facilities. The library uses RFID technology for many of its operations. The library block is under eight CCTV cameras surveillance with a recording facility. The library has its own intranet.

## Services and Facilities

- Web- OPAC – Web based Online Public Access Catalogue
- Air-Conditioned Internet Room freely available to the students and the faculty
- Article Indexing Service – Bibliographical details of the journal articles are computerized and disseminated to the users on demand
- Reprography in proximity with the Library
- Open Access
- Lending Service and Reference Service
- Newspaper Clippings

## Future Plans

The Library is planning to develop its own institutional repository using Dspace platform.

The library organizes orientation programmes and information literacy programme for the students. The library also organizes, to cultivate reading habits amongst students, Book Exhibitions and Displays on a regular basis. Our library grows in size and services every year to accumulate the ever expending horizons of knowledge.



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## DEPARTMENT OF BIOCHEMISTRY



The Department of Biochemistry is one of the recipient Departments of “Star Department Status” by Department of Biotechnology, Government of India. As a subject, Biochemistry is an integral component of various courses offered by our college. Biochemistry is a field that draws on many disciplines and this multidisciplinary nature allows it to use results from many sciences to answer questions related to the molecular nature of life processes. Important applications of this kind of Knowledge are made in a wide spectrum of fields such as Biotechnology, Food Technology, Microbiology, Health Care, Medical Instruments, Agriculture, Fisheries, Blood Bank, Forensic Science, Medical Diagnostics, Environment, Pollution control etc

### INFRASTRUCTURE

The Department of Biochemistry has well equipped laboratories with an LCD projector to deliver practical classes. It has the latest equipment like Spectrophotometers (UV-VISIBLE and VISIBLE), Electrophoresis Apparatus (Rod gel, Horizontal gel, Vertical gel, Paper), Auto-Titrator , Chromatography systems (Ascending, Descending, Gel Filtration, TLC ), pH meters, Centrifuges, Laminar Flow, Water Distillation Apparatus, Cooling Cabinets, Trans-illuminators, Vortex Shaker, Heating Mantles, Magnetic Stirrers , Water Baths etc

### FACULTY DETAILS

Dr Anita Sondhi, PhD (Medical Biochemistry)

## **Department of Biomedical Sciences**

B. Sc. (Hons) Biomedical Science program of our college provides an opportunity for young students to acquire academic training that is relevant in understanding human diseases. The field is vast and the applications are enormous, ranging from basic to applied research. The course provides students with an intellectually stimulating education in various subjects such as human physiology, pathology, cellular and molecular biology, biochemistry, medicinal chemistry, pharmacology, toxicology and immunobiology. The course has been so designed that the students initially acquire an integrated understanding of biomedical science and eventually can choose topics of their interest. As the course progresses, increasing emphasis is placed on relating knowledge to scientific research. Emphasis is also made to impart first-hand experience of laboratory research. Students are encouraged to undertake summer projects in Research Laboratories and Industries.

The Department has a dedicated and highly qualified team of faculty who offer quality education to the students as per the academic scheme of University of Delhi. Students are enriched in their course curriculum by organizing several invited lectures of scientists of repute. Several workshops, hands-on-trainings, conferences are arranged to build a strong foundation of students to pursue academic research.

The laboratories of the Biomedical Department are well equipped with various latest and sophisticated instruments including computer-based UV-Visible spectrophotometers, thermal cyclers, gel documentation system, refrigerated high speed centrifuges, orbital shaker incubator, microtome, UV transilluminator, microplate ELISA reader, digital colony counter, digital viscometer, melting point apparatus, binocular microscopes with camera and projection system as well as other instruments including electronic balances, autoclave, colorimeters, vertical and horizontal electrophoresis units, electro-blotting system, laminar hood, magnetic stirrers, vortex shakers, ice flaking machine, ovens, etc. The hands-on-training on these equipment's facilitates the students to achieve both conceptual knowledge as well as practical skills.

For students having passion for research and science, this course is an ideal choice. According to some of our alumni, Biomedical Science course of our college is the luxury of their choice. They considered it as a 'stepping stone' towards their career, providing them with a solid foundation of science in the first year and then allowing them to tailor their research interests over the following two years.

### **About Placements**

Department has always encouraged students to undertake higher studies rather than going directly for jobs. Students are encouraged to prepare for various master programs offered by reputed institutes. Faculty constantly encourage the students to face the interviews and group discussions and abreast them with related details. Students are prepared to be exposed to the world of opportunities that are awaiting for them. Department also, through the Placement and

Training Cell of the college and University of Delhi, ensures the best of Training and Placement for the students who are interested in jobs immediately after their graduation.

### **Objectives :**

- Encourage students to undertake higher studies. Assist them with details pertaining to entrances, group discussion and interviews.
- Placement of students in various summer training programs.
- Assist the students in arranging fellowships under various projects and internships training of student in various research organizations and industries.
- Organize Campus Recruitment Programs for the students interested in jobs.

### **Activities Organized by the Department (2017-18)**

Biomedical Science Society “DNAmics” is a joint enterprise of students and teachers. The society have been instigated with an objective to abreast the students to the latest findings, developments and avenues in the field of Biomedical Sciences. Further it promotes academic, extra-curricular and socio-culture linkages with peers in other colleges and other institutions. Our society is actively involved in organizing seminars and other related activities for the students and faculty of the college. Such activities also promote inter-departmental interaction among the students. Several inter-disciplinary aspects of the planned activities make students more open and receptive to new ideas. During the last academic year students attended seminars and symposiums conducted by various colleges of University of Delhi and other research Institutions. Students were also encouraged to participate in sports and other extra-curricular activities.

Students attended a symposium entitled ‘Frontiers in Molecular Medicine’ which was held at the Special Centre for Molecular Medicine (SCMS), Jawaharlal Nehru University, New Delhi on 23rd and 24th March 2017. Students were also made to learn techniques related to Stem Cell Technology by arranging a visit at Amity Institute of Molecular Medicine & Stem Cell Research (AIMMSCR) on 21<sup>st</sup> March 2017. Further a Collage making competition on ‘Recent Advances in Biotechnology’ was organized on 27th February 2017 to make students familiar with latest trends in Biotechnology. Not only this, seminar such as ‘Planning a career in Biomedical Sciences – making an informed decision’ and ‘Current Challenges in Science and Society: Opportunities for fresh graduates’ were organized for them in order to prepare them for future endeavors.

### **Faculty**

<b>S. No.</b>	<b>Name</b>	<b>Degree</b>	<b>Specialization</b>
1.	Dr. Uma Chaudhry	Ph.D.	Medical Biotechnology
2.	Dr. Shivani G. Varmani (Teacher In-Charge)	Ph.D.	Medical Biochemistry and Biotechnology
3.	Dr. Uma Dhawan (Study Leave)	Ph.D.	Human Genetics and Molecular Biology
4.	Dr. Kapil Roy	Ph.D.	Biophysics

5.	Dr. Neha Singh	Ph.D.	Biomedical Science
6.	Dr. Shvetambari Arora	Ph.D.	Medical Biochemistry

### Placements of Biomedical Science students

Students of Biomedical Science Department had a consistently good placement record over the years. All the students are placed with renowned organizations. Some of the prominent institutes are :

<b>Research and Development Organizations for training and higher studies</b>	<b>Industries for placement</b>
Tata Institute of Fundamental Research (TIFR), Mumbai	Bharat Serums & Vaccines Ltd.
Center for Cellular and Molecular Biology, Hyderabad	Bio-Control Research Laboratories
Dr. B. R Ambedkar Center for Biomedical Research, Delhi	Cadila Healthcare Ltd.
Gentech Pvt. Ltd.	Dr Reddy's Research Foundation
Institute of Genomics and Integrative Biology (CSIR) Delhi	Fermenta Biotech Ltd.
International Centre for Genetic Engineering & Biotechnology, Delhi	Panacea Biotech Limited, Delhi
National Institute of Immunology (NII), Delhi	Hindustan Antibiotics Ltd.
Netaji Subhash Institute of Technology, Delhi	Indian Immunologicals Ltd.
Tata Energy Research Institute (TERI), Delhi	Johnson & Johnson Pvt. Ltd.







**Name:** Isha Sikri  
**Date of Birth:** 1997-06-15

**Permanent Address:** A40-119 Gulab Bagh Opposite Metro Pillar 745, Uttam Nagar New Delhi-110059

**Current Address:** A 40/119 Gulab Bagh Opposite Metro Pillar 745, Uttam Nagar New Delhi-110059



#### **Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya College of Applied Sciences	Sem 1: 8.18, Sem 2: 8.73 Sem 3: 8.71, Sem 4: 9.36		
<b>12th</b>	Central Board of Secondary Education	Indraprastha International School	95%	2015	English, Physics, Chemistry, Biology, Maths
<b>10th</b>	Central Board of Secondary Education	Indraprastha International School	9.8 CGPA	2013	English, Sanskrit, Maths, Science, Social Studies, Information Technology

#### **Workshop/Training:**

- ◆ Worked in Biochemistry Department in G.B. Pant Hospital during my Summer Training (June-July 2017) and learnt techniques related to hormone assay, cancer markers, liver and kidney test, etc.
- ◆ Course on Bioinformatics and in-silicoDrug Designing (2015-2016)
- ◆ Attended 7th Symposium on Frontiers in Molecular Medicine 2017 at JNU
- ◆ Attended a workshop titled 'My Instrument My Buddy' held on 13th Feb 2017
- ◆ Summer Training titled 'Interferon alpha and abatacept : therapeutic role and analysis - opportunity in global market' from June to July 2016 at BCAS

#### **Curricular/Extra-Curricular Activity:**

- ◆ Joined npTEL course 'Cell Culture Technologies'. Learnt biology of cultured cells, media development, sterilization methods, types of culture and specialized cell culture techniques.
- ◆ Secured second position in collage making competition in Srijan 2016
- ◆ Won prizes in Inter-Department competitions like Pot Decoration, Best out of waste, Card Making organised by Eco club of college

**Name:** L. Nandini Krishna  
**Date of Birth:** 1997-04-18  
**Permanent Address:** G-103, Vivekanand Apartments, Plot-2, Sector-5, Dwarka, New Delhi-110075  
G-103  
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**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya College of Applied Sciences	Sem 1: 8.45, Sem 2: 9 Sem 3: 9.36, Sem 4: 9.14		
<b>12th</b>	Central Board of Secondary Education	Modern Convent School	96.60%	2015	English, Physics, Chemistry, Biology, Biotechnology
<b>10th</b>	Central Board of Secondary Education	Modern Convent School	10 CGPA	2013	English, Hindi, Maths, Science, Social Studies

**Workshop/Training:**

- ◆ Did Summer internship for two months at Department of Botany, University of Delhi under the Summer Research programme offered by CSEC, DU
- ◆ Attended Biomedcon Conference 2016 and presented a poster
- ◆ Attended a workshop entitled 'Forensics Science - 2017' in ANDC College, DU
- ◆ Coordinated 'Biodiagnostics' Wworkshop-2017 at BCAS, DU

**Curricular/Extra-Curricular Activity:**

- ◆ Performed a skit on the theme of OZONE DAY at Delhi Secretariat
- ◆ Performed a skit on North East India in BCAS, DU
- ◆ Coordinated the Srijan Fest-2017
- ◆ Secures first position in the Gandhian Quiz organized by BCAS, DU
- ◆ Participated in Inter-Department Girls Volleyball and Kabaddi -2017
- ◆ Participated in Inter-Department Girls Volleyball and Kabaddi -2016

**Name:** Kirti Parmar  
**Date of Birth:** 1996-11-01  
**Permanent Address:** House No. 83 Dwarka Sector2, New Delhi-110075  
**Current Address:** House No. 83 Dwarka Sector2, New Delhi-110075



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya College of Applied Sciences	Sem 1: 7.09, Sem 2: 8.45 Sem 3: 7.9, Sem 4: 8.57		
<b>12th</b>	Central Board of Secondary Education	Vidya Devi Jindal School	94.20%	2014	English, Physics, Chemistry, Biology, Home Science
<b>10th</b>	Central Board of Secondary Education	Vidya Devi Jindal School	9.2 CGPA	2012	English, Hindi, Maths, Science, Social Studies

**Workshop/Training:**

- ◆ Course on Bioinformatics and in-silicoDrug Designing (2015-2016)
- ◆ Attended a workshop entitled 'Immunodiagnostic Techniques : Rapid Diagnostics of Microbial Pathogen'
- ◆ Attended a workshop titled 'My Instrument My Buddy' held on 13th Feb 2017

**Curricular/Extra-Curricular Activity:**

- ◆ Participated in Inter-Departmental Cricket Matches in 2017 at BCAS
- ◆ Participated in Inter-Departmental Kabaddi Matches in 2017 at BCAS
- ◆ Participated in Rangoli Making competition organised by ECA committee of the college in 2016

**Name:** Bhawna  
**Date of Birth:** 1997-11-16  
**Permanent Address:** Village Balour Bahadurgarh Haryana  
**Current Address:** H.No.100 Todaramal Colony Najafgarh New Delhi

**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya College of Applied Sciences	Sem 1: 8.18, Sem 2: 8.45 Sem 3: 8.93, Sem 4: 9.14		
<b>12th</b>	Central Board of Secondary Education	B.S.M. Sr Secondary School	95.20%	2015	English, Physics, Chemistry, Biology, Physical Education
<b>10th</b>	Central Board of Secondary Education	B.S.M. Sr Secondary School	10 CGPA	2013	English, Hindi, Maths, Science, Social Studies

**Workshop/Training:**

- ◆ Course on Bioinformatics and in-silicoDrug Designing (2015-2016)
- ◆ Attended a workshop entitled 'Immunodiagnostic Techniques : Rapid Diagnostics of Microbial Pathogen'
- ◆ Attended a workshop titled 'My Instrument My Buddy' held on 13th Feb 2017
- ◆ Attended a Conference on 'Green Chemistry'

**Curricular/Extra-Curricular Activity:**

- ◆ Participated in Inter-Departmental Cricket Matches in 2017 at BCAS
- ◆ Participated in Inter-Departmental Kabaddi Matches in 2017 at BCAS
- ◆ Participated in Rangoli Making competition organised by ECA committee of the college in 2016

**Name:** Shriya Madan  
**Date of Birth:** 1997-04-23  
**Permanent Address:** 2/501, Beverly Park, Plot-2, Sector-22, Dwarka  
**Current Address:** 2/501, Beverly Park, Plot-2, Sector-22, Dwarka



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya College of Applied Sciences	Sem 1: 7, Sem 2: 8 Sem 3: 8.3, Sem 4: 7.8		
<b>12th</b>	Central Board of Secondary Education	Modern School	94%	2015	English, Physics, Chemistry, Biology, Biotechnology
<b>10th</b>	Central Board of Secondary Education	Carmek Convent School	9.4 CGPA	2013	English, Sanskrit, Maths, Science, Social Studies

**Name:** Garima Yadav  
**Date of Birth:** 1996-12-04  
**Permanent Address:** 2087/6A Prem Nagar, New Delhi- 110008  
**Current Address:** 2087/6A Prem Nagar, New Delhi- 110008



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya College of Applied Sciences	Sem 1: 7.73, Sem 2: 9 Sem 3: 8.79, Sem 4: 8.5		
<b>12th</b>	Central Board of Secondary Education	The Adarsh School	90.80%	2014	English, Physics, Chemistry, Biology, Maths
<b>10th</b>	Central Board of Secondary Education	The Adarsh School	10 CGPA	2012	English, Hindi, Maths, Science, Social Studies, Information Technology

**Curricular/Extra-Curricular Activity:**

- ◆ Participated in Inter-Departmental Cricket Matches in 2017 at BCAS
- ◆ Volunteered in Departmental Workshops.

**Name:** Lokesh  
**Date of Birth:** 1996-10-04  
**Permanent Address:** Village Murcha, Post Bhaipur, Bidhuna Auraiya, Up  
**Current Address:** House No. 177 Bahujan Samaj Camp Haider Pur New Delhi-88



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya College of Applied Sciences	Sem 1: 5.09, Sem 2: 5.36 Sem 3: 5.36, Sem 4: 6.07		
<b>12th</b>	UP Board	Shri Gajendra Singh Pic Bidhuna Auraiya	92.25%	2014	English, Physics, Chemistry, Biology, Hindi
<b>10th</b>	Central Board of Secondary Education	RPVV Shalimar Bagh Delhi 88	6.2 CGPA	2012	English, Hindi, Maths, Science, Social Studies, Sanskrit

**Workshop/Training:**

- ◆ Attended a workshop entitled 'Immunodiagnostic Techniques : Rapid Diagnostics of Microbial Pathogen'
- ◆ Attended a workshop on molecular docking
- ◆ Attended a Conference on 'Green Chemistry'

**Curricular/Extra-Curricular Activity:**

- ◆ Vice Captain of College Cricket Team
- ◆ Participated in Inter-Departmental Kabaddi Matches in 2017 at BCAS
- ◆ Participated in Inter-Departmental Volley Ball Matches in 2017 at BCAS
- ◆ Participated in Inter-Departmental Badminton Matches in 2017 at BCAS

**Name:** Stuti Pathak  
**Date of Birth:** 2017-09-30  
**Permanent Address:** C-843(B) Sushant Lok-1, Gurgaon, Haryana  
**Current Address:** C-843(B) Sushant Lok-1, Gurgaon, Haryana



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya College of Applied Sciences	Sem 1: 7.27, Sem 2: 8.27 Sem 3: 8.07, Sem 4: 8.36		
<b>12th</b>	Central Board of Secondary Education	Amity International School, Sec-46 Gurgaon, Haryana	90.80%	2015	English, Physics, Chemistry, Biology, Maths
<b>10th</b>	Central Board of Secondary Education	Amity International School, Sec-46 Gurgaon, Haryana	9.4 CGPA	2013	English, Hindi, Maths, Science, Social Studies

**Workshop/Training:**

- ◆ Attended the workshop on biodiagnostics

**Name:** Kanika Saxena  
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**Current Address:** R 1/39-A ,Vijay Vihar , Uttam Nagar, New Delhi-110059



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya College of Applied Sciences	Sem 1: 8.27, Sem 2: 8.85 Sem 3: 9.36, Sem 4: 9.57		
<b>12th</b>	Central Board of Secondary Education	Sarvodaya Kanya Vidyalaya	91.80%	2014	English, Physics, Chemistry, Biology, Maths
<b>10th</b>	Central Board of Secondary Education	Sarvodaya Kanya Vidyalaya	10 CGPA	2012	English, Hindi, Maths, Science, Social Studies, Sanskrit

**Workshop/Training:**

- ◆ Summer training under Dr.Uma Chaudhry
- ◆ Attended workshop on drug designing
- ◆ Attended workshop on Scope of Forensic Science in ANDC
- ◆ Attended and coordinated Biodiagnostics workshop in BMS Department

**Curricular/Extra-Curricular Activity:**

- ◆ Presented a Play on World Ozone Day at Central Secretariat.
- ◆ Coordinated Fest (Srijan) Event (Comedy Knockout)

**Name:** Twinkle Dubey

**Date of Birth:** 1998-11-05

**Permanent Address:** Hno.87 Dev Nagar Colony Etawah (U.P.)

**Current Address:** E-525 Bindapur Dda Flats Block-E Pocket 3 Sector1 New Delhi



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya College of Applied Sciences	Sem 1: 5.35, Sem 2: 5.85 Sem 3: 6.21, Sem 4: 6.33		
<b>12th</b>	UP Board	Arachana Memorial Saraswati Gtan Mandir Inter College Etawah	88%	2015	English, Physics, Chemistry, Biology, Maths
<b>10th</b>	UP Board	Arachana Memorial Saraswati Gtan Mandir Inter College Etawah	77%	2013	English, Hindi, Maths, Science, Social Studies

**Name:** Harshita Gaur  
**Date of Birth:** 1996-12-09  
**Permanent Address:** House No. 403, Shahabad Mohd Pur, Near Sec 8 Metro Station, Dwarka, Delhi  
**Current Address:** House No. 403, Shahabad Mohd Pur, Near Sec 8 Metro Station, Dwarka, Delhi



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya College of Applied Sciences	Sem 1: 6.64, Sem 2: 8.27 Sem 3: 8.14, Sem 4: 7.93		
<b>12th</b>	Central Board of Secondary Education	Queen's Valley School	92.30%	2015	English, Physics, Chemistry, Biology, Maths
<b>10th</b>	Central Board of Secondary Education	Queen's Valley School	95%	2013	English, Hindi, Maths, Science, Social Studies

**Name:** Prakashini Yadav  
**Date of Birth:** 1998-07-10  
**Permanent Address:** Village: Dafalpur, Post: Chitura, District: Faizabad.  
**Current Address:** Peeragarhi New Delhi - 110041



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya College of Applied Sciences	Sem 1: 5.55, Sem 2: 5.91 Sem 3: 5.8, Sem 4: 6.93		
<b>12th</b>	UP Board	Devbakas Baldev Smarak Inter College Hanumanganj Faizabad	89%	2015	English, Physics, Chemistry, Biology, Hindi
<b>10th</b>	UP Board	Devbakas Baldev Smarak Inter College Hanumanganj Faizabad	84%	2013	English, Hindi, Maths, Science, Social Studies

**Name:** Shabnam Kerketta

**Date of Birth:** 1995-09-03

**Permanent Address:** 60 D,Dda Flats Pkt-1, Sector-10,Dwarka, New Delhi-110075

**Current Address:** 60 D,Dda Flats Pkt-1, Sector-10,Dwarka, New Delhi-110075



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya College of Applied Sciences	Sem 1: 6.45, Sem 2: 6.64 Sem 3: 5.93, Sem 4: 6		
<b>12th</b>	Central Board of Secondary Education	Indraprastha International School	78%	2013	English, Physics, Chemistry, Biology, Maths
<b>10th</b>	Central Board of Secondary Education	Indraprastha International School	9 CGPA	2011	English, Hindi, Maths, Science, Social Studies

**Curricular/Extra-Curricular Activity:**

- ◆ Participated in intracollege basketball match and secured 1nd prize and second prize consecutively

**Name:** Shubhankar Roy  
**Date of Birth:** 1997-02-19  
**Permanent Address:** L-35, Mahavir Enclave, Palam Dabri Road, New Delhi-110045  
**Current Address:** Ff-14, Siddha Vinayak Apartment, Abhaykhanad-3, Indirapuram, Ghaziabad



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya College of Applied Sciences	Sem 1: 6.36, Sem 2: 7.18 Sem 3: 5.5, Sem 4: 5.5		
<b>12th</b>	Central Board of Secondary Education	Delhi Public School, Indirapuram	79.80%	2015	English, Physics, Chemistry, Biology, Psychology
<b>10th</b>	Central Board of Secondary Education	Delhi Public School, Indirapuram	8.4 CGPA	2013	English, Hindi, Maths, Science, Social Studies

**Workshop/Training:**

- ◆ TRAINING ON IMMUNOLOGICAL TECHNIQUES IN CLINICAL BIOTECHNOLOGY FROM AVANTOR PERFORMANCE MATERIALS INDIA LTD IN 2013.
- ◆ NATIONAL CONFERENCE ON CLEAN & GREEN ENERGY- THE CHEMICAL & ENVIRONMENTAL ASPECT, DEPARTMENT OF CHEMISTRY, BCAS- FEB-2017.

**Curricular/Extra-Curricular Activity:**

- ◆ CERTIFICATE OF PARTICIPATION IN PLAY ORGANIZED BY NORTH EAST CELL, BCAS - 2016
- ◆ VOLUNTEER, ECO CLUB, BCAS 2015-16.
- ◆ 2ND POSITION, QUIZ COMPETITION ORGANIZED BY DYNAMICS SOCIETY OF BIOMEDICAL DEPTT. BCAS-2016
- ◆ MEMBER, STUDENT EDITORIAL BOARD, BCAS, RESONANCE-2015-16
- ◆ STUDENT EDITOR, BCAS, RESONANCE-2016-17
- ◆ CORE TEAM MEMBER, LITERARY CLUB, BCAS-2017
- ◆ CERTIFICATE OF APPRECIATION FOR ANNUAL CULTURAL FESTIVAL AS CREATIVE TEAM VOLUNTEER, BCAS, RIJAN-2017

**Name:** Sushil Kumar  
**Date of Birth:** 1996-04-19  
**Permanent Address:** G 666 Srinivas Puri New Delhi- 1110065  
**Current Address:** G 666 Srinivas Puri New Delhi 110065



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya College of Applied Sciences	Sem 1: 6.29, Sem 2: 6.18 Sem 3: 6.7, Sem 4: 7.29		
<b>12th</b>	Jamia Board	Jamia Senior Secondary School	82.80%	2014	English, Physics, Chemistry, Biology, Maths
<b>10th</b>	Jamia Board	Jamia Senior Secondary School	78%	2012	Hindi, English, Maths, Urdu, Science, Hindu Ethic, Special Studies

**Workshop/Training:**

- ◆ Attended a Drug Development Workshop

**Curricular/Extra-Curricular Activity:**

- ◆ Participated in Inter-Departmental Cricket Matches in 2017 at BCAS
- ◆ Participated in Inter-Departmental Kabbadi Matches in 2017 at BCAS

**Name:** Gulshan Kumar Vasodia  
**Date of Birth:** 1998-07-12  
**Permanent Address:** G 1St 304 Madangir Dr. Ambedkar Nagar New Delhi 110062  
**Current Address:** G 1St 304 Madangir Dr. Ambedkar Nagar New Delhi 110062



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya College of Applied Sciences	Sem 1: 6.45, Sem 2: 6.73 Sem 3: 6.14, Sem 4: 7.14		
<b>12th</b>	Central Board of Secondary Education	Govt. Boys Senior Secondary School No 1 Dr. Ambedkar Nagar	78%	2015	English, Physics, Chemistry, Biology, Maths
<b>10th</b>	Central Board of Secondary Education	Govt. Boys Senior Secondary School No 1 Dr. Ambedkar Nagar	8.6 CGPA	2013	Hindi, English, maths , science, sst , sanskrit

**Workshop/Training:**

- ◆ Attended a workshop on Molecular Docking
- ◆ Attended a workshop entitled 'Immunodiagnostic Techniques : Rapid Diagnostics of Microbial Pathogen'

**Curricular/Extra-Curricular Activity:**

- ◆ Participated in Inter-Departmental Cricket Matches in 2017 at BCAS
- ◆ Participated in Inter-Departmental Kabaddi Matches in 2017 at BCAS

**Name:** Manju  
**Date of Birth:** 1997-12-06  
**Permanent Address:** Rz-12/8A 'O' Block New Roshan Pura, Najafgarh, New Delhi-110043  
**Current Address:** Rz-12/8A 'O' Block New Roshan Pura, Najafgarh, New Delhi-110043



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya College of Applied Sciences	Sem 1: 6.64, Sem 2: 7.27 Sem 3: 6.93, Sem 4: 8.21		
<b>12th</b>	Central Board of Secondary Education	Golden Valley Sr. School	77%	2015	English, Physics, Chemistry, Biology, Maths
<b>10th</b>	Central Board of Secondary Education	Krishna Model Secondary School	9.6 CGPA	2013	English, Hindi, Maths, Science, Social Studies

**Workshop/Training:**

- ◆ Attended a workshop entitled 'Immunodiagnostic Techniques : Rapid Diagnostics of Microbial Pathogen'
- ◆ Attended a workshop on Molecular Docking
- ◆ Attended a workshop titled 'My Instrument My Buddy' held on 13th Feb 2017

**Curricular/Extra-Curricular Activity:**

- ◆ Participated in Inter-Departmental Cricket Matches in 2017 at BCAS
- ◆ Participated in Inter-Departmental Kabaddi Matches in 2017 at BCAS
- ◆ I participated in rangoli making competition organised by eca 2016 at bcas

**Name:** Shruti Gupta  
**Date of Birth:** 1997-09-09  
**Permanent Address:** 219-Sector B Sainik Colony, Jammu, Jammu And Kashmir  
**Current Address:** Bhaskar Apartments, Opposite BCAS, Sector 2, Dwarka, Delhi



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya College of Applied Sciences	Sem 1: 7.73, Sem 2: 8.73 Sem 3: 8.71, Sem 4: 9.14		
<b>12th</b>	Central Board of Secondary Education	Jodhamal Public School	87%	2015	English, Physics, Chemistry, Biology, Physical Education
<b>10th</b>	Central Board of Secondary Education	Jodhamal Public School	10 CGPA	2013	English, Hindi, Maths, Science, Social Studies, Foundation of IT

**Workshop/Training:**

- ◆ Training in a Pharma Company- Quality Control and Quality Assurance Department
- ◆ Attended a workshop entitled 'Immunodiagnostic Techniques : Rapid Diagnostics of Microbial Pathogen'

**Curricular/Extra-Curricular Activity:**

- ◆ Member of Literary Club of the College
- ◆ Participated in Inter-Departmental Cricket Matches in 2017 at BCAS
- ◆ Participated in Inter-Departmental Kabaddi Matches in 2017 at BCAS

**Name:** Stuti Singh  
**Date of Birth:** 1997-11-06  
**Permanent Address:** F-104 Raj Retreat, Defense Colony, Bhopura, Ghaziabad  
**Current Address:** F-104 Raj Retreat, Defense Colony, Bhopura, Ghaziabad



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya College of Applied Sciences	Sem 1: 5.9, Sem 2: 6.3 Sem 3: 5.8, Sem 4: 6.9		
<b>12th</b>	Central Board of Secondary Education	Raghuvan Dayal Jankalyan Senior Secondary School	84%	2015	English, Physics, Chemistry, Biology, Maths
<b>10th</b>	Central Board of Secondary Education	Chakravarti Rajagopalachari Sarvodaya Kanya Vidyalaya	93%	2013	Hindi, English, Maths, Science, Social Studies, Sanskrit

**Workshop/Training:**

- ◆ Attended a workshop on Molecular Docking
- ◆ Attended a workshop entitled 'Immunodiagnostic Techniques : Rapid Diagnostics of Microbial Pathogen'

**Curricular/Extra-Curricular Activity:**

- ◆ Member of Photography Club of the College

## Department of Botany

### Course Details:

#### Semester 1

#### Semester 3

#### Semester 5

Microbiology and Phycology	Anatomy of Angiosperms	Reproductive Biology of Angiosperms
Biomolecules and Cell Biology	Economic Botany	Plant Physiology
Environmental Science: Botany	Genetics	Discipline Specific Elective 1
Microbiology and Phycology Lab	Skill Enhancement Course 1	Discipline Specific Elective 2
Biomolecules and Cell Biology Lab	Anatomy of Angiosperms Lab	Reproductive Biology of Angiosperms Lab
	Economic Botany Lab	Plant Physiology Lab
	Genetics Lab	Discipline Specific Elective 1 Lab
		Discipline Specific Elective 2 Lab

#### Semester 2

#### Semester 4

#### Semester 6

Mycology and Phytopathology	Molecular Biology	Plant Metabolism
Archegoniatae	Ecology	Plant Biotechnology
English: Botany	Plant Systematics	Discipline Specific Elective 3
Mycology and Phytopathology Lab	Skill Enhancement Course 2	Discipline Specific Elective 4
Archegoniatae Lab	Molecular Biology Lab	Plant Metabolism Lab
	Ecology Lab	Plant Biotechnology Lab
	Plant Systematics Lsb	Discipline Specific Elective 3 Lab
		Discipline Specific Elective 4 Lab

### Faculty

1. Dr. N. S. Abbas

2. Dr. Sujata Bhardwaj

## Department of Chemistry

### About the Department:

One of the fundamental components of Natural Sciences, Chemistry offers the students an ideal platform to begin exploring the composition, structure, properties & behavior of all forms of matter. At the under-graduate level, special emphasis is laid on broad coverage of most common branches of Chemistry considering the inter-disciplinary nature of the subject today. The Department of Chemistry has started B.Sc. (Hons.) course in chemistry from academic year 2017-2018 and received over-whelming response from students.

The superior infrastructural facilities at this department includes experimentation laboratories for under-graduate, research laboratories, instrumentation laboratory, book bank, class-room with ICT and wi-fi facility for students and staff. The laboratories are well-equipped with sophisticated instruments such as analytical balance, pH-meter, hot air oven, double distillation plant, vacuum pump, de-ionizer, spectrophotometer, polarimeter, colorimeter, Digital potentiometer, digital melting & boiling point apparatus, conductivity meter and fuming hood chamber etc. that enable students to carry out all the experiments as prescribed in the syllabus. Besides these, there is an instrumentation laboratory for carrying out experiments in physical chemistry and analytical techniques. Titrations, synthesis, purification and analysis of chemical compounds are some of the aspects that form the basis of the lab. Moreover, there are dedicated laboratories to carry out research work in leading areas of chemistry that are equipped with sophisticated modern instruments being funded by Board of Research in Nuclear Sciences, Science & Engineering Research Board and University of Delhi. Currently, two students are pursuing PhD in this department. Modern teaching tools such as ICT (power-point) and virtual labs are employed. The students are encouraged to give presentations, attend workshops on current areas and to perform small projects to attain hands-on experience of latest instruments. The department of chemistry has its own chemical society named “Alchemy” which conducts events for holistic development of the students.



#### Activities of the Department:

1. A Debate and Essay writing Competition was organized on 09.08.2017 by the chemical society “Alchemy” on the occasion of the “Nagasaki Day”. The topic of both debate and essay was “NUCLEAR ENERGY: LIFE OR DEATH”. In all 06 students participated for the debate out of which 03 spoke for the motion and the rest against the motion. 10 students participated in the essay competition. The competition was judged by Dr. Madhulika Bajpai (Department of Human Communication) and Dr. Anil K. Bali (Department of Zoology). Our Principal (Dr. Balaram Pani) also graced the occasion and motivated the students.
2. Teacher’s Day was celebrated by the students and staff members of the department. Principal Sir was also present for the occasion and guided the students with his words of wisdom.
3. The Department of Chemistry organized an Inaugural function of its Chemical Society “ALCHEMY” and celebrated this day as “BHASKARACHARYA CHEMISTRY DAY” on 06th September 2017 in college AV room. The function was well attended by the college staff members and students. On this occasion, Dr. Jayant Tripathi (Associate Professor, JNU) and Dr. Sanjeeve Thakur (Associate Professor, NSIT) were the invited guests. On the occasion, a pledge “*Sankalp to Siddhi*” was taken by all. A chemical prayer was also sung by the students. The logo and blog of the Chemical Society was also inaugurated by our guests. The winners of the “Debate and Essay Writing Competition” organized by the department on 9<sup>th</sup> August 2017, were also felicitated on this occasion by the guests and Principal. The Blog (<http://bcaschem.blogspot.in/?m=1>), Google-page, Email and WhatsApp group of the department of chemistry were also inaugurated.
4. The Chemical Society “ALCHEMY” of the department of chemistry, Bhaskaracharya College of Applied Sciences organized a lecture on 6<sup>th</sup> September 2017 on the topic “Supramolecular Chemistry”. The lecture was delivered by Professor H. K. Sharma, Department of Chemistry, Kurukshetra University. The lecture was attended by all the members of the chemical society including students and faculty members.
5. The Department of Chemistry organized remedial classes for the I-year batch of B.Sc. (H) Chemistry during the mid-semester break from 03 Oct. 2017 to 05 Oct. 2017. 05 to 07 students attended the classes.
6. An intensive cleanliness drive was conducted in the department on 19.09.2017 to inculcate the importance of cleanliness in life as well as character. The Principal and Dr. Lalit Kapur also participated actively in the drive and set examples for the students. They also motivated the students through their experiences and impressed the utmost importance of cleanliness upon the students.
7. The department is committed towards the environment. Towards healthier environment, the department has taken a number of initiatives with dynamic participation from students and

faculty members. Towards its goal to go paperless, online submission of assignments by students through various electronic means such as Google-page, Blog and email has been introduced. Moreover, a task force has been made named "**Bhaskaracharya Environmental and Sustainability Taskforce (BEST)**" whose primary objective is to preserve and enhance the environmental activity. Students make visits to construction sites, industrial areas etc. to find out whether the laws/guidelines are adhered or not. Free consultancy for appropriate disposal of chemical wastes is also provided the other departments of the college.

8. Students of the department are advised to do community services. The first initiative is that some of our student are guiding and giving tuitions to the needy students of their area either free or at nominal fee.
9. In order improve the existing amenities and to generate modern facilities, the department of chemistry has also initiated the application process for the prestigious "Star College" status grant.
10. Presently, two major research projects are running in the department funded by prestigious agencies of India (Board of Research in Nuclear Sciences and Science & Engineering Research Board).



Faculty Profile:

Name of Faculty	Degree	Specialization
Dr. Lalit Kapur	PhD	Coordination Chemistry
Dr. Balaram Pani	M.Phil, PhD	Inorganic & Environmental Chemistry
Dr. Manjeet Singh Barwa	PhD	Coordination & Environmental Chemistry
Dr. Deepak Gupta	M.Phil, PhD	Inorganic & Supramolecular Chemistry
Dr. Franky Varah	M.Phil, PhD	Environmental Chemistry

Syllabus Details:

SYLLABUS STRUCTURE					
SEMESTER-I		SEMESTER-III		SEMESTER-V	
CC-1**	Inorganic Chemistry-I	CC-5**	Inorganic Chemistry-II	CC-11**	Organic Chemistry-IV
CC-2**	Physical Chemistry-I	CC-6**	Organic Chemistry-II	CC-12**	Physical Chemistry-V
AECC-1^	English Communication/ Environmental Science	CC-7**	Physical Chemistry-III	DSE-1^	
GE-1*		SEC-1^		DSE-2^	
		GE-3*			
SEMESTER-II		SEMESTER-IV		SEMESTER-VI	
CC-3**	Organic Chemistry-I	CC-8**	Inorganic Chemistry-III	CC-13**	Inorganic Chemistry-IV
CC-4**	Physical Chemistry-II	CC-9**	Organic Chemistry-III	CC-14**	Organic Chemistry-V
AECC-2^	English communications/ Environmental Science	CC-10**	Physical Chemistry-IV	DSE-3^	
GE-2*		SEC-2^		DSE-4^	
		GE-4*			

\*\*Core Course; ^Ability Enhancement Compulsory Course; \*Generic Elective #Skill Enhancement Course and Discipline Specific Elective Course

SKILL ENHANCEMENT AND DISCIPLINE SPECIFIC ELECTIVE PAPERS OFFERED BY DEPARTMENT OF CHEMISTRY	
Skill Enhancement Papers	Discipline Specific Elective Papers

SEC-1	IT Skills for Chemists	DSE-1	a) Novel Inorganic Solids
SEC-2	Basic Analytical Chemistry		b) Inorganic Materials of Industrial Importance
SEC-3	Chemical Technology & Society	DSE-2-4	a) Applications of Computers in Chemistry
SEC-4	Chemoinformatics		b) Analytical Methods in Chemistry
SEC-5	Business Skills for Chemists		c) Molecular Modelling & Drug Design
SEC-6	Intellectual Property Rights		d) Polymer Chemistry
SEC-7	Analytical Clinical Biochemistry		e) Research Methodology for Chemistry
SEC-8	Green Methods in Chemistry		f) Green Chemistry
SEC-9	Pharmaceutical Chemistry		g) Industrial Chemicals & Environment
SEC-10	Chemistry of Cosmetics &		h) Instrumental Methods of Analysis
SEC-11	Perfumes		i) Dissertation
SEC-12	Pesticide Chemistry Fuel Chemistry		

**For more details regarding syllabus please refer to:**

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

## ***Department of Computer Science***

The department has wide availability of open-access computer facilities with the newly introduced Wi-Fi network in the college. The department provides state of the art computing facilities with more than 120 computers of Pentium range with latest software platforms like Dos, Linux, Windows-7 etc and high-end software's such as C++, Java, Visual Studio, SQL server, Ubuntu, Fedora etc. The department is spread over three spacious and air conditioned labs, networked to powerful servers. The department has high quality accessories such as scanners, printers, projectors and CD/ DVD writers. The College provides internet access and e-Journal facility to encourage students in pursuing their research work.

### ***Faculty***

**Dr. Sangeeta Srivastava M.E. (DCE), Ph.D. (D.U.) (Teacher-in-Charge)**  
**Ms. Manu Kataria MCA (HPU Simla)**  
**Mr. Bhavya Deep M.Sc. (DAVV, Indore)**  
**Ms. Arti Batra MCA (Bhartiya Vidyapeeth, GGSIPU)**  
**Ms. Amita Misra MCA (HBTI Kanpur)**  
**Mr. Parveen Kumar M.tech (NSIT)**  
**Ms. Seema MCA (HBIT Kanpur)**  
**Dr. Jayant Sharma Ph.D (Shilong)**  
**Ms. Anshika Singh MCA( USIT GGSIPU)**  
**Ms. Juhi Gupta MCA(USIT GGSIPU)**

The Department of Computer Science of Bhaskaracharya College of Applied Sciences conducts B.Sc. (Hons) computer science which is a stimulating and rigorous course based on the ever changing field of Computers and Information technology. Since coming into being the department has evolved into a centre of excellence in academics, technology and other activities. Information Technology is the backbone behind all sectors and plays a pivotal role in growth and development. Manufacturing, Finance, Banking, Marketing, Entertainment, Education and several other fields are reaping the benefits. The future scope is bright and expanding.

The department has its very own society "CS.NET" which brings together all the students as a network and provides them ample opportunities to develop and advance in not only the field of computer science but other aspects of all-round development. The society regularly conducts various workshops and seminars on the various emerging technologies and other interesting and beneficial topics in collaboration with other departments and various institutes like "**Cloud Computing**" ,**Ethical Hacking and Digital Forensics**" and "**Big Data & Hadoop**" . The society also gives the students a chance to showcase their abilities and talents in their annual departmental fest "INTERFACE". Students have repeatedly proven their potential by excelling in various competitions across Delhi in various institutions, colleges and in the college itself. Not only in the field of computer science our students does have won accolades both inter and intra college extracurricular activities like sports, Debates, quizzes and other cultural activities.

### ***Opportunities***

The rapid development of technology has created job avenues for students of computer science in many fields. Students have excellent job opportunities in IT industry, software industry and information system department of any industry, manufacturing, Marketing, Banking, Entertainment, education and various R&D institutions in government and private sector. In the preceding years the students have been well placed in various companies such as Wipro, Infosys, Satyam, Dell, Tech Mahindra, TCS, and IGATE etc.

## **Course Details of B.Sc. (Hons.) Computer Science CBCS**

<b>I-Year</b>	<b>II-Year</b>	<b>III-Year</b>
<p><b>Semester I</b></p> <p>C-1 Programming Fundamentals using C++  C-2 Computer System Architecture  GE -1 Introduction To Programming  C-1 Lab based on Programming Fundamentals using C++  C-2 Lab based on Computer System Architecture  GE -1 Lab based on Introduction To Programming</p>	<p><b>Semester III</b></p> <p>C-5 Data Structures  C-6 Operating Systems  C-7 Computer Networks  SEC-1 Android Programming  GE -3 Computer Networks &amp; Internet Technologies  C-5 Lab based on Data Structures  C-6 Lab based on Operating Systems  C-7 Lab based on Computer Networks  SEC-1 Lab based on Android Programming  GE -3 Lab based on Computer Networks &amp; Internet Technologies</p>	<p><b>Semester V</b></p> <p>C-11 Internet Technologies  C-12 Theory of Computation  DSE -1  A) System Programming  B) Numerical Methods  C) Operational Research for Computer Science  DSE -2  A) Microprocessor  B) Modeling and Simulation  C) Advanced Algorithms  C-12 Lab based on Theory of Computation  DSE -1  A) Lab based on System Programming  B) Lab based on Numerical Methods  C) Lab based on Operational Research for Computer Science  DSE -2  A) Lab based on Microprocessor  B) Lab based on Modeling and Simulation</p>
<p><b>Semester II</b></p> <p>C-3 Programming in JAVA  C-4 Discrete Structures  GE – 2 Introduction to Database System  C-3 Lab based on Programming in JAVA  C-4 Lab based on Discrete Structures  GE – 2 Lab based on Introduction to Database System</p>	<p><b>Semester IV</b></p> <p>C-8 Design and Analysis of Algorithms  C-9 Software Engineering  C-10 Database Management Systems  SEC-2 PHP Programming  GE -4 Information Security and Cyber Laws  C-8 Lab based on Design and Analysis of Algorithms  C-9 Lab based on Software Engineering  C-10 Lab based on Database Management Systems  SEC-2 Lab based on PHP Programming  GE -4 Lab based on Information Security and Cyber Laws</p>	<p><b>Semester VI</b></p> <p>C-13 Artificial Intelligence  C-14 Computer Graphics  DSE-3  A) Machine Learning  B) Introduction to Data Sciences  C) Combinatorial Optimization  DSE-4  A) Digital Image Processing  B) Data Mining  C) Project work / Dissertation  C-13 Lab based on Artificial Intelligence  C-14 Lab based on Computer Graphics  DSE-3  A) Lab based on Machine Learning  B) Lab based on Introduction to Data Sciences  DSE-4  A) Lab based on Digital Image Processing  B) Lab based on Data Mining</p>





**Name:** Riya Rawat

**Date of Birth:** 1997-12-04

**Permanent Address:** Flat No-80,Pocket-13,Phase-1,Dda Flats,Manglapuri,Palam,Dwarka,New Delhi-45

**Current Address:** Flat No-80,Pocket-13,Phase-1,Dda Flats,Manglapuri,Palam,Dwarka,New Delhi-45



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	CBCS	Bhaskaracharya College of Applied Sciences	Sem 1: 7, Sem 2: 8.55 Sem 3: 7.14, Sem 4: 7.29		
<b>12th</b>	CBSE	Mount Carmel School	95.2	2015	Chemistry, Mathematics, Physics, English, Computer Science
<b>10th</b>	CBSE	DAV Public School, Dwarka	10	2013	Mathematics, English, Science, S.Sc., Sanskrit

**Workshop/Training:**

- ◆ Attended cyber security workshop held in college.

**Curricular/Extra-Curricular Activity:**

- ◆ Participated in inter-department basketball competition.
- ◆ Volunteered in the CS departmental fest in 2016.
- ◆ Participated in college fest in 2017.

**Name:** Yogita Bansal  
**Date of Birth:** 1997-05-24  
**Permanent Address:** C-20 First Floor Chander Nagar Janak Puri New Delhi 110058  
**Current Address:**



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	Computer Science/ University of Delhi	Bhaskaracharya College of Applied Sciences	Sem 1: 7, Sem 2: 7.73 Sem 3: 6.93, Sem 4: 7.5		
<b>12th</b>	CBSE	VVDAV	92.8	2015	Maths, Physics, Chemistry, English, Computer Science
<b>10th</b>	CBSE	VVDAV	9.2	2013	Maths, Hindi, English, Science, Social Science

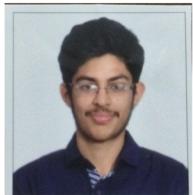
**Workshop/Training:**

- ◆ Pursued Certificate course in French language from University of Delhi with 74% marks.
- ◆ Attended a workshop on "cyber security" by Ms. Uma Balan from Google.

**Curricular/Extra-Curricular Activity:**

- ◆ Currently working on University of Delhi Innovation Project.
- ◆ Managed Social Media Marketing and Content Writing for Hara Jeevan, a Non-Government Organisation, currently in its nascent stage, working towards city waste management and environment protection.
- ◆ Participated in French Theater Competition organised by the GRS Department in the Arts Faculty, University of Delhi and qualified in the top two teams for the play, "La Musique de L'Inde"

**Name:** Vasu Sehgal  
**Date of Birth:** 1997-03-14  
**Permanent Address:** 71/96 Prem Nagar Janak Puri New Delhi - 110058  
**Current Address:** 71/96 Prem Nagar Janak Puri New Delhi - 110058



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	University of Delhi	Sem 1: 7.73, Sem 2: 7.91 Sem 3: 7.93, Sem 4: 8.07		
<b>12th</b>	CBSE	Mira Model School	90.40%	2015	Science Stream
<b>10th</b>	CBSE	Mira Model School	95%	2013	Social Science , Science , English , Hindi , Maths , Fit

**Name:** Asad Rahman

**Date of Birth:** 1997-04-14

**Permanent Address:** 203, Hytec Areeb Apartment , Road 3J , New Patliputra Colony, Patna -800013

**Current Address:** 4Th Floor, G-40, Opposite Gold'S Gym, Ramphal Chowk, Dwarka Sector 7,Delhi



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya college of applied sciences	Sem 1: 5.73, Sem 2: 7.45 Sem 3: 6.43, Sem 4: 6.5		
<b>12th</b>	CBSE	Loyola high school	91.80%	2015	Science with maths
<b>10th</b>	ICSE	Don Bosco Academy	88.20%	2013	English, science, maths, computers, Hindi, social studies.

**Workshop/Training:**

- ◆ Attended a workshop on environmental education
- ◆ Attended a workshop on cloud computing
- ◆ Online internship at GrayStar media as a social media executive for two months.

**Curricular/Extra-Curricular Activity:**

- ◆ Interdepartmental basketball game
- ◆ Poster making competition

**Name:** Shivani Kunwar  
**Date of Birth:** 1997-11-23  
**Permanent Address:** C-47/12 Anand Vihar,Uttam Nagar,New Delhi-110059  
**Current Address:** C-47/12 Anand Vihar,Uttam Nagar,New Delhi-110059



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	CBCS	Bhaskaracharya College Of Applied Sciences, University of Delhi	Sem 1: 7.45, Sem 2: 7.45 Sem 3: 7, Sem 4: 7.93		
<b>12th</b>	CBSE Board,Delhi	Gagan Bharti Public School	92.5	2015	Non-Medical/ Maths,Physics, Chemistry,C++,English
<b>10th</b>	CBSE Board,Delhi	Holy Convent Sr. Sec. School	10	2013	English,Hindi,Science,Maths, Social Science

**Workshop/Training:**

- ◆ I attended a workshop on cloud computing. It was my first workshop. For a first year student it was a little too much to grasp but still an interesting topic.
- ◆ I also attended a workshop on internet security. It truly had my attention and i found it very important and useful.

**Curricular/Extra-Curricular Activity:**

- ◆ I've been a part of the music society of my college and participated in few competitions in and outside of my college. Music has been a very important part of my life.I've learned to play guitar and looking forward for other instruments too
- ◆ Played inter-departmental cricket in my first year. Though we didn't win but it was an experience.

**Name:** Vartika Saxena  
**Date of Birth:** 1997-05-01  
**Permanent Address:** 3 Basant Vihar Near Mini Byepass Road Izzatnagar Station , Bareilly  
**Current Address:** 206 Rose Apartments Sec 18B Dwarka ,New Delhi



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya college of applied sciences	Sem 1: 6.64, Sem 2: 7.45 Sem 3: 6.79, Sem 4: 7.57		
<b>12th</b>	CBSE	Gulab rai Montessori senior secondary school Bareilly	92	2015	Pcm
<b>10th</b>	CBSE	gulab rai Montessori senior secondary school Bareilly	9.8	2013	Science,Social Science, Maths,English,Hindi

**Workshop/Training:**

- ◆ Workshop on cloud computing
- ◆ Psychology workshop on environment
- ◆ Psychology of healing colors

**Curricular/Extra-Curricular Activity:**

- ◆ Article writing competition
- ◆ Fine arts mehndi designing
- ◆ Fine arts poster making competition on make in india
- ◆ Fine arts poster making on independence day
- ◆ Poster making on environment
- ◆ Art competition
- ◆ Hdfc bronze level

**Name:** Rishav Kohli

**Date of Birth:** 1997-07-04

**Permanent Address:** P-9 Extn. Phase -1 Mohan Garden Uttam Nagar New Delhi-110059

**Current Address:**



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	beas	Sem 1: 6.8, Sem 2: 5.9 Sem 3: 8.14, Sem 4: 8.29		
<b>12th</b>	cbse	spring meadows public school	90.2	2015	English , Computer Science, Maths, Chemistry,Physics
<b>10th</b>	cbse	red rose model school	9.2	2013	English Maths Hindi Sst Science

**Name:** Sanyam Jain  
**Date of Birth:** 1997-06-13  
**Permanent Address:** Wz-450A raj nagar-1 palam colony street no-1 new delhi-110045  
**Current Address:** Same as permanent address



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of delhi	Bhaskaracharya college of applied science	Sem 1: 6.73, Sem 2: 8 Sem 3: 8, Sem 4: 7.93		
<b>12th</b>	CBSE	Sri venkateshwar international school	92.75%	2015	Physics , Chemistry , Math , English , Computer Science
<b>10th</b>	CBSE	Sri venkateshwar international school	9.2	2013	English,Math,Physics, Chemistry,Biology,Hindi,Sst

**Curricular/Extra-Curricular Activity:**

- ◆ Official Drummer in college band
- ◆ Dancing , swimming , basketball
- ◆ Star performance at national school of drama
- ◆ Star performance at kalindi , Gibbs rohini

**Name:** Atul Joshi

**Date of Birth:** 1998-05-18

**Permanent Address:** Kh No 23/2, Street 15, Sushant Vihar, Ibrahimpur, Delhi-110036

**Current Address:** Kh No 23/2, Street 15, Sushant Vihar, Ibrahimpur, Delhi-110036



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University Of Delhi	Bhaskaracharya College of Applied Sciences	Sem 1: 7, Sem 2: 7.45 Sem 3: 7.29, Sem 4: 7.71		
<b>12th</b>	CBSE	Brahma Shakti Public School	91	2015	Physics, Chemistry, Maths, English, Physical Education
<b>10th</b>	CBSE	Manava Bhawana Public School	10	2013	Hindi, English, Maths, Science, Social Studies

**Curricular/Extra-Curricular Activity:**

- ◆ Good in Writing Skills. I just love playing with words, language, knowing ways of presenting the best in me! One of my poems has been published in the department magazine "RESONANCE".
- ◆ I've participated in debates, speeches and various other cultural activities.

**Name:** Sahil Kaushik  
**Date of Birth:** 1998-02-08  
**Permanent Address:** V.P.O Ismia 11 - B , Tehsil Sampura , Rohtak , Haryana -124501  
**Current Address:** Sanjay Nagar , Rohini Sec. - 2 , New Delhi -110085



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya College of Applied Sciences	Sem 1: 6.09, Sem 2: 9.82 Sem 3: 9.57, Sem 4: 9.14		
<b>12th</b>	CBSE	Indus Public School	92.8	2015	Science(Non-Medical) EPCM , Physical Education
<b>10th</b>	CBSE	Indus Public school	10	2013	English , Hindi , Maths , Science , SST , Comp Sc.

**Name:** Sunidhi Sharma  
**Date of Birth:** 1997-09-09  
**Permanent Address:** Cc-29/F Hari Nagar(Second Floor) ,Near Clock Tower ,New Delhi-110064  
**Current Address:** Cc-29/F Hari Nagar(Second Floor) ,Near Clock Tower ,New Delhi-110064



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya College of Applied Sciences	Sem 1: 7.73, Sem 2: 9 Sem 3: 8.86, Sem 4: 8.79		
<b>12th</b>	CBSE BOARD DELHI	NEW ERA PUBLIC SCHOOL	92.80%	2015	Maths, Physics , Chemistry , English ,Computer Science
<b>10th</b>	CBSE BOARD DELHI	NEW ERA PUBLIC SCHOOL	10	2013	Maths, Science ,Social Science ,English, Hindi

**Workshop/Training:**

- ◆ WORKSHOP :INTERNET SECURITY

**Curricular/Extra-Curricular Activity:**

- ◆ SCHOOL PREFECT.
- ◆ CAPTAIN OF GIRLS THROW BALL TEAM IN CLASS 11TH AND 12TH STANDARD, AND WINNERS BOTH YEARS.

**Name:** Pawan Bisht  
**Date of Birth:** 1997-04-21  
**Permanent Address:** Kh. No-20/22D ,Qutub Vihar-2, Gali No-7., D Block,Goyla Dairy, Najafgarh  
**Current Address:** Same As Mentioned Above



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya college of applied science	Sem 1: 7, Sem 2: 8.64 Sem 3: 9.21, Sem 4: 8.93		
<b>12th</b>	CBSE	Rajeev Gandhi navodaya Vidhyalaya	91.4	2015	Computer Science, English, Mathematics, Physics, Chemistry
<b>10th</b>	Cbse	Rajeev Gandhi navodaya Vidhyalaya	9.2	2013	Hindi, English, Mathematics, Science, Social Science

**Workshop/Training:**

- ◆ Cloud computing

**Name:** Shivankit Raj  
**Date of Birth:** 1997-08-17  
**73 Pocket-5Sector-2**  
**Permanent Address:** Rohini New Delhi  
**73 Pocket-5Sector-2**  
**Current Address:** Rohini New Delhi



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya college of applied sciences	Sem 1: 6, Sem 2: 7.45 Sem 3: 6.21, Sem 4: 6.5		
<b>12th</b>	CBSE	Maxfort school	89.40%	2015	Physics, Chemistry, Maths, English, Computer Science
<b>10th</b>	CBSE	Maxfort school	7.6	2013	English, Science, Maths, Social Science, Hindi

**Workshop/Training:**

- ◆ Game development workshop
- ◆ Modern app development

**Curricular/Extra-Curricular Activity:**

- ◆ Cricket
- ◆ Volleyball
- ◆ Football

**Name:** Himanshu Singh Malik  
**Date of Birth:** 1997-11-20  
**Permanent Address:** Qtr No 617, New Campus Tihar, New Delhi-110064  
**Current Address:** Qtr No 617, New Campus Tihar, New Delhi-110064



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	Delhi University	Bhaskaracharya College of Applied Sciences	Sem 1: 7.73, Sem 2: 7.18 Sem 3: 7.57, Sem 4: 7.36		
<b>12th</b>	Central Board of Secondary Education	Indira Ideal Senior Secondary School	91.4	2015	Physics, Chemistry, Mathematics, English, Computer Science
<b>10th</b>	Central Board of Secondary Education	Indira Ideal Senior Secondary School	10	2013	English, Hindi, Mathematics, Science, Social Science

**Workshop/Training:**

- ◆ 1 Day workshop on Cloud Computing conducted by Tech Explica

**Curricular/Extra-Curricular Activity:**

- ◆ Participated in Sports' Trials 2015
- ◆ Participated in Sports' Trials 2016
- ◆ Participated in Sports' Trials 2017

**Name:** Tushar Sharma

**Date of Birth:** 1997-10-05

**Permanent Address:** C-12 Nishat Park, Kakrola Mod, Dwarka Mor, Near Metro Pillar No. 800

**Current Address:** C-12 Nishat Park, Kakrola Mod, Dwarka Mor, Near Metro Pillar No. 800



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya college of applied science	Sem 1: 7, Sem 2: 8.18 Sem 3: 7, Sem 4: 7.36		
<b>12th</b>	Cbse	Pragati public school	93.4	2015	Science
<b>10th</b>	Cbse	Pragati public school	10	2013	Hindi, English, Mathematics, Science, Social Science

**Name:** Vipin Kumar Yadav  
**Date of Birth:** 05/06/1998  
**Permanent Address:** F- 98A Shyam Vihar Phase-1 Najafgarh New Delhi-110043  
**Current Address:** Same As Above



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	bhaskaracharya college of applied science	Sem 1: 6.45, Sem 2: 4.91 Sem 3: 5.93, Sem 4: 5.14		
<b>12th</b>	central board of secondary education	govt boys senior secondary school no 3	90%	2015	Science Stream ,Physics, Maths,Chemistry,English, Comp Science
<b>10th</b>	central board of secondary education	adarsh public school	9.8	2013	Hindi,English,Maths,Science, Sst

**Workshop/Training:**

- ◆ cloud computing workshop organised by hackveda institute

**Name:** Abhishek Kumar

**Date of Birth:** 1995-12-25

**Permanent Address:** Sanatan Dharm T.T. College , Jaipur Road Kekri, Ajmer , Rajasthan

**Current Address:** H. No. C-267, Street No. 40, Mahaveer Enclave Part 3



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya College of Applied Sciences	Sem 1: 7, Sem 2: 7.91 Sem 3: 7.79, Sem 4: 8		
<b>12th</b>	Central Board of Secondary Education	Jawahar Navodaya Vidyalaya , Nandla , Ajmer	89.4	2014	Mathematics,Chemistry, Physics,English,Computer Science
<b>10th</b>	Central Board of Secondary Education	Jawahar Navodaya Vidyalaya , Nandla , Ajmer	9.2	2012	Science, Mathematics,Social Studies,Hindi, English

**Name:** Manisha Yadav

**Date of Birth:** 1997-08-22

**Permanent Address:** Hno-15 Old Roshan Pura Village Najafgarh New Delhi-110043

**Current Address:** Hno-15 Old Roshan Pura Village Najafgarh New Delhi-110043



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya College Of Applied Sciences	Sem 1: 6.82, Sem 2: 7.73 Sem 3: 7.14, Sem 4: 7.71		
<b>12th</b>	CBSE	Rao Man Singh SSS Paprawat RD Najafgarh ND	87.2	2015	English, Mathematics, Physics, Chemistry, Computer Science
<b>10th</b>	VBSE	Krishna Model Sec Sch Old Roshan Pura Najafgarh ND	10	2013	English, Mathematics, Hindi, Science, Social Science

**Name:** Amit Kumar  
**Date of Birth:** 1996-03-24  
**Permanent Address:** Rz K-95A New Roshan Pura,Najafgarh,New Delhi-110043  
**Current Address:** Rz K-95A New Roshan Pura,Najafgarh,New Delhi-110043



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya College of Applied Sciences	Sem 1: 5.64, Sem 2: 6.55 Sem 3: 6.57, Sem 4: 6.14		
<b>12th</b>	CBSE	RAO MOHAR SINGH MEMORIAL PUBLIC SCHOOL	81.80%	2014	Maths,English,Physics, Chemistry,Computer Science, Phy .Edu.
<b>10th</b>	CBSE	KRISHNA MODEL SENIOR SEC. SCHOOL	9.2	2012	English,Maths,Social Sci. , Hindi,Science

**Curricular/Extra-Curricular Activity:**

- ◆ VOLLEY BALL

**Name:** Krishan Kumar

**Date of Birth:** 1997-04-24

**Permanent Address:** House No. 171/A,Shyam Vihar,Phase-1, Najafgarh,New Delhi-110043

**Current Address:**



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskracharya college of applied sciences, dwarka	Sem 1: 7.45, Sem 2: 6.64 Sem 3: 7.21, Sem 4: 6.29		
<b>12th</b>	Central Board of Secondary Education, Delhi	Govt. Boys sr. Sec. School, Dharmpura, Najafgarh	85.60%	2015	English, Mathematics, Physics, Chemistry, Computer Science
<b>10th</b>	Central Board of Secondary Education, Delhi	Mata bhatee devi public school,shyam vihar	10 CGPA	2013	Hindi,English, Mathematics, Science, Social Science, Sanskrit

**Curricular/Extra-Curricular Activity:**

- ◆ Participate in Zonal Volley ball Competition
- ◆ Inter House cricket competition, second position of team and win silver medal.
- ◆ Appeared for Drawing Competition organized by NIIT on 27/10/2013 at NIIT Najafgarh
- ◆ Won well dress and discipline category award.
- ◆ Participated as a volunteer in the Mass Awareness Campaign against CANCER/HEPATITIS-B for a period of 10 days.
- ◆ Stood second in Bricks race in school during academic year 2009-10.
- ◆ Acquired 2nd position in class, secured 95 state rank and achieved 1.063 olympiad rank in International Olympiad of science'12.
- ◆ Acquired 4th position in class, secured 568 state rank and achieved 4491 olympiad rank in International Olympiad of Mathematics'12.

**Name:** Ashwani Arya  
**Date of Birth:** 1997-11-15  
**Permanent Address:** Cd,56-E ,Lig Flats ,Hari Nagar , New Delhi-110064  
**Current Address:** Cd,56-E ,Lig Flats ,Hari Nagar , New Delhi-110064



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	bhaskarcharya college of applied science	Sem 1: 5.18, Sem 2: 6.64 Sem 3: 5.71, Sem 4: 5.93		
<b>12th</b>	cbse board	modern era convent	7.8	2015	maths,physics,chemistry, computer science,english
<b>10th</b>	cbse board	modern era convent	8	2013	maths,social science,hindi, science,english

## **DEPARTMENT OF ELECTRONICS**



A degree in B.Sc. (H) Electronics covers all the key knowledge areas required to become a successful Electronics Professional. It equips students with broad foundation of the fundamentals of Electronics and associated subjects and provides students with skills which are required to design electrical, electronic, computer, automation and communication systems. It includes courses on Analog and Digital Electronics, Signals and Systems, Communication, Microprocessor & microcontrollers and C programming language. Practicals based on simulators like PSPICE, QUCS, SCILAB, etc. are also included in the curriculum. This degree provides comprehensive opportunities to the graduates to explore and attain the zenith of success in research & development, aerospace and defence electronics, design, testing, quality control, and project management. After graduation, students can also pursue higher studies in Electronics or Information technology from University of Delhi, Indian Institute of Technology, Jamia Millia University, Kurukshetra University, Devi Ahilya University, Banasthali Vidyapeeth University, etc. The students are also eligible to pursue MBA and MCA from various esteemed Universities.

The Electronics Laboratory is well equipped with latest state-of-the art instruments such as Cathode Ray Oscilloscopes (CRO) & Digital Storage Oscilloscopes (DSO) (100MHz), CRO demonstration kits, Pulse Generators, Function Generators, Power Meter, Analog and Digital I.C. tester, LCR Q-tester, 8085 and 8086 Microprocessor kits, Microcontroller trainer, Interfacing modules and cards, Universal Programmer, various communication modules experimental kits, LASER kits, Antenna trainer kits, PCB design Unit, AVR Microcontroller and Arduino Kits etc. The Department also has well equipped computer laboratory with various simulation software installed to facilitate the students to gain expertise in IT skills.

## ACTIVITIES



The Department has its society named ‘**SPARKS**’ which organizes various activities like Workshops/ Conferences/ lectures/ Industrial visits/ Seminars/ Technical Fest, etc. every year under the guidance of eminent personalities from the academia and industries. To promote the holistic development of students, many activities have been organized in the last academic year. Last year, a workshop on ‘Robotics’ was organized in collaboration with CROMA Campus on October 5-6,2016. Besides the above, the society had also organized a technical presentation on “Science and Technology for Specially Abled Persons” on February 28,2017. Students very well presented the various latest technologies that have been developed to assist the Specially Abled person using power point presentation.

### Syllabus of B.Sc.(H) Electronics

Semester I		Semester III		Semester V	
CC-1**	Basic Electronics and Network Analysis	CC-5**	Electronic Circuits	CC-11**	Microprocessors And Microcontrollers
CC-2**	Mathematics Foundation for Electronics	CC-6**	Digital Electronics and VHDL	CC-12**	Electromagnetics
AECC-1^	English/MIL communication/ Environmental Science	CC-7**	C Programming and Data Structures	DSE-1 <sup>#</sup>	Numerical Analysis
GE-1*		SEC-1 <sup>#</sup>	Robotics	DSE-2 <sup>#</sup>	Semiconductor fabrication and characterization
		GE-3*			
Semester II		Semester IV		Semester VI	
CC-3**	Semiconductor Devices	CC-8**	Operational Amplifiers and Applications	CC-13**	Communication Electronics
CC-4**	Applied Physics	CC-9**	Signals and Systems	CC-14**	Photonics
AECC-2^	English/MIL communications/ Environmental Science	CC-10**	Electronic Instrumentation	DSE-3 <sup>#</sup>	To be decided
GE-2*		SEC-2 <sup>#</sup>	LABVIEW	DSE-4 <sup>#</sup>	To be decided
		GE-4*			

**\*\*Core Course; ^Ability Enhancement Compulsory Course; \*Generic Elective –selected from papers offered by other Departments of the college; #Skill Enhancement Course and Discipline Specific Elective Course –selected from papers offered by the Department of Electronics.**

### **Faculty Details:**

<b>S.No.</b>	<b>Name</b>	<b>Degree</b>	<b>Specialization</b>
1	Dr. Manoj Kumar Khanna	Ph.D. (DU)	Microelectronics and VLSI designing
2	Dr. Geeta Mongia	Ph.D. (DU)	Optical Data Storage & Photovoltaic
3	Dr. Inderbir Kaur	Ph.D. (DU)	Amorphous Semiconductors
4	Dr. Avneesh Mittal	Ph.D. (DU)	Genetic Algorithm and Adaptive Controls
5	Dr. Manoj K. Tiwari <i>(on leave)</i>	Ph.D. (DU)	Microwave Photonics
6	Ms. Shweta Gupta	M.Sc. (DU)	Electronics
7	Dr. Jitender Kumar	Ph.D. (DU)	Nano-Materials and devices (LED Solar Cell, Sensors)
8	<b>Dr. Amit Kumar</b> <i>(Teacher-In-Charge)</i>	Ph.D. (DU)	Electroluminescent Materials & Devices
9	Ms. Suman Bharti	M.Tech.	Wireless communication and networks

### **Interaction with Industries/Institutes/R&D organizations**

- Solid State Physics Laboratory,  
DRDO
- NICSI
- Excel Technologies
- National Physical Laboratory
- Tevatron Technologies Pvt. Ltd.
- JB Tech India
- Royal Krishna Apra Plaza
- CETPA Infotech Pvt Ltd
- HCL Info Systems
- Vinytcs Peripherals Pvt. Ltd.
- Wipro Limited
- National Instruments (NI) Systems (India) Private Limited
- Tata Consultancy Services
- Scientific Mes-Technik Pvt. Ltd.
- Scientech Technology Pvt. Ltd.
- AIMIL Ltd
- Silicom Electronics (P) Ltd.
- MIRC Electronics Ltd.
- Aplab Limited

**Name:** Abhishek Singh Parmar  
**Date of Birth:** 1998-09-23  
**Permanent Address:** Lig-199 Old Housing Board Colony Morena M.P. 476001  
**Current Address:** D-81 A Nehru Vihar Mukharjee Nagar New Delhi India



**Academic Qualification:**

	University/ Board	Institution	Percentage / CGPA	Year of Passing	Subjects/Stream
<b>B.Sc. (Hons)</b>	university of Delhi	Bhaskaracharya college of applied science	Sem 1: 6.09, Sem 2: 6.45 Sem 3: 5, Sem 4:		
<b>12th</b>	Madhya Pradesh board of secondary education Bhopal	govt school of excellence morena	89.80%	2015	Science/Maths
<b>10th</b>	Madhya Pradesh board of secondary education Bhopal	govt school of excellence morena	86.50%	2013	Maths,Science, Social Science, Hindi, English, Sanskrit

**Workshop/Training:**

- ◆ Croma campus

**Curricular/Extra-Curricular Activity:**

- ◆ Cultural secretary of University of Delhi students Union 2015-16

**Name:** Akash  
**Date of Birth:** 1997-08-15  
**Permanent Address:** 633 Behind Old Power House , Raidopur, Azamgarh, 276001, Uttar Pradesh  
**Current Address:** Plot No. 185 Vipin Garden ,Kakrola Mor , Uttam Nagar, 110059, New Delhi



**Academic Qualification:**

	University/ Board	Institution	Percentage / CGPA	Year of Passing	Subjects/Stream
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya College of Applied Sciences	Sem 1: 5.73, Sem 2: 6.09 Sem 3: 5.29, Sem 4: 6.07		
<b>12th</b>	UTTAR PRADESH BOARD	K I C BAGHARA UCHAHUWAN	85.4	2015	G. Hindi,English, Mathematics,Physics, Chemistry,Physical Edu.
<b>10th</b>	I.C.S.E.	JOYTI NIKETAN SCHOOL	76.33	2013	English,Hindi,History,Civics, Geo.,Mathematics,Science,C. A.

**Workshop/Training:**

- ◆ WORKSHOP ON EMERGING TECHNOLOGY AND ITIL V3.0
- ◆ ROBOTICS BY CROMA CAMPUS
- ◆ WORKSHOP ON DIGITAL INDIA

**Curricular/Extra-Curricular Activity:**

- ◆ Gandhian Study centre :- served as an active volunteer for gandhian study centre.
- ◆ N.S.S :- actively took part in every activity conducted by N.S.S in the college campus.
- ◆ Sparks:- was a member of electronics sparks group.
- ◆ SRIJAN :- was a member of srijan .

**Name:** Dheeraj Tiwari  
**Date of Birth:** 1997-01-20  
**Permanent Address:** Vill-Khara(Churang),Post-Babganj,Kunda ,Pratapgarh (Up)  
**Current Address:** C-133, Galino-12 Johripur ,Delhi 110094



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya College of Applied Sciences (Dwarka sec-2)	Sem 1: 7.82, Sem 2: 8.56 Sem 3: 7.79, Sem 4: 8		
<b>12th</b>	Board of High School and Intermediate Education U.P.	C D I C Lakhperakota B Ganj Pratapgarh	89.4	2014	Science/Physics, Chemistry, Mathematics, English,Hindi
<b>10th</b>	Board of High School and Intermediate Education U.P.	C D I C Lakhperakota B Ganj Pratapgarh	87	2012	English, Mathematics,Hindi, Science,Social Science, Computer

**Workshop/Training:**

- ◆ Workshop on Emerging Technology and ITIL V3.0
- ◆ Training on various system like Temperature Controller ,Recorder, and Thyristor

**Curricular/Extra-Curricular Activity:**

- ◆ Intracollege cricket competition
- ◆ Certificate of honour for 2nd position in college (2015-16)
- ◆ Certificate of appreciation as discipline volunteer in srijan (2015-16)

**Name:** Adarsh Verma  
**Date of Birth:** 1997-11-01  
**Permanent Address:** Vill-Madwanagar Ambedkar Park,Post Office-Gandhinagar,Disst-Basti(272001),Up  
**Current Address:** Mahavir Enclave Part-3,Gali No.57,D-359B, Dwarka-2 New Delhi-110059



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya College of Applied Sciences	Sem 1: 6, Sem 2: 5.5 Sem 3: 6.7, Sem 4: 7.14		
<b>12th</b>	UP BOARD	Savitri Vidya Vihar Inter College Ramji Puram Basti	89.2	2014	Science
<b>10th</b>	UP BOARD	Savitri Vidya Vihar Higher Secondary School Ramji Puram Basti	85.6	2012	Hindi,Science,Social Science , Drawing,English,Mathematics

**Workshop/Training:**

- ◆ Robotics workshop
- ◆ Training of C and C++

**Name:** Vikas Kumar  
**Date of Birth:** 1997-04-06  
**Permanent Address:** Shop No-8 Julk Market Maksudabad Colony Najafgarh New Delhi 110043  
**Current Address:** Shop No-8 Julk Market Maksudabad Colony Najafgarh New Delhi 110043



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	BCAS	Sem 1: 7, Sem 2: 7.27 Sem 3: 7.8, Sem 4:		
<b>12th</b>	C.B.S.E	Presidency The International School	90.2	2015	English,Math,Computer Science,Chemistry,Physics, Physical Edu
<b>10th</b>	C.B.S.E	Presidency The International School	8.6	2013	English,Hindi,Maths,Science, Social Science

**Name:** Govind Krishna Tripathi

**Date of Birth:** 1998-03-29

**Permanent Address:** 847/20 Kha New Rana Nagar, Behind Jps School, Raebareli, Uttar Pradesh, 229001

**Current Address:** Plot No. 185 Vipin Garden, Kakrola Mor, Uttam Nagar, New Delhi, 110059



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya College of Applied Sciences	Sem 1: 6.73, Sem 2: 6.45 Sem 3: 7, Sem 4: 7.71		
<b>12th</b>	CBSE	Kendriya Vidyalaya, Raibareli	87.6	2015	English, Mathematics, Chemistry, Computer Science, Physics
<b>10th</b>	CBSE	Kendriya Vidyalaya, Raibareli	9.6	2013	English Comm., Hindi, Mathematics, Science, Social Science

**Workshop/Training:**

- ◆ workshop on emerging technology and itil v3.0 by milestone achievers.
- ◆ workshop on robotics by croma campus.
- ◆ workshop on digital india by government of india

**Curricular/Extra-Curricular Activity:**

- ◆ participated in the college kabaddi championship and secured 1st position during annual sports day.
- ◆ worked for gandhian study centre as a volunteer.
- ◆ worked for electronics society as a volunteer.
- ◆ worked for college cultural festival as a discipline volunteer.

**Name:** Amit Kumar Singh

**Date of Birth:** 1997-02-07

**Permanent Address:** H No 180, N Block, Gopal Nagar, Near Indra Service Station, Main Dhansa Road, Najafgarh

**Current Address:** H No 180, N Block, Gopal Nagar, Near Indra Service Station, Main Dhansa Road, Najafgarh



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya College of Applied Sciences	Sem 1: 7.18, Sem 2: 7.64 Sem 3: 8.93, Sem 4: 8.36		
<b>12th</b>	CBSE	Kendriya Vidyalaya No. 1, Delhi Cantt	91	2015	Science
<b>10th</b>	CBSE	Kendriya Vidyalaya Bengdubi, Darjeeling, West Bengal	10	2013	Math, Science, Social Science, English, Hindi

**Curricular/Extra-Curricular Activity:**

- ◆ NCSC project representation at intra regional level.
- ◆ IIC at JNU
- ◆ Social Science Exhibition at cluster level (quiz and skit).
- ◆ Green Olympiad participant.

**Name:** Suyasha Sharma  
**Date of Birth:** 1997-02-23  
**Permanent Address:** Type-4 Quarter, P.W.D. Colony, Totu, Shimla, PIN Code: 171011  
**Current Address:** A-142, Feel like home PG, lane no. 4, Dwarka sector-7, PIN Code: 110075



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya College of Applied Sciences	Sem 1: 6.09, Sem 2: 5.73 Sem 3: 6.57, Sem 4:		
<b>12th</b>	CBSE	Loreto Convent, Shimla	91	2015	Non-Medical
<b>10th</b>	CBSE	Loreto Convent, Shimla	10	2013	Maths, Science, Hindi, Social Studies, English

**Workshop/Training:**

- ◆ 4 weeks training in "Embedded Systems using ARM" at Cetpa Infotech.
- ◆ Workshop on "Internet of Things" organised at Cetpa Infotech.
- ◆ 6 weeks online winter training in "Programming in C and C++" by Internshala.
- ◆ Workshop on "Robotics" organised by Croma Campus at college.

**Curricular/Extra-Curricular Activity:**

- ◆ Joint Secretary of the college music club.
- ◆ Winner of the Space Olympiad organised in school by iAntrix
- ◆ Badminton player
- ◆ Volleyball player

**Name:** Pooja Singh  
**Date of Birth:** 1995-05-19  
**Permanent Address:** Village-Nathupur Post-Bhullanpur, P.A.C. Varanasi, 221108  
**Current Address:** E-541 Dda Flats Bindapur, Uttam Nagar, New Delhi 110059



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya college of applied sciences	Sem 1: 5.82, Sem 2: 5.45 Sem 3: 5.71, Sem 4:		
<b>12th</b>	U.P. board	Swami shraddhanand Saraswati intermediate college	81	2012	Hindi, English, Physics, Chemistry, Mathematics
<b>10th</b>	U.P. board	Swami shraddhanand Saraswati intermediate college	80.8	2010	Hindi, English, Mathematics, Science, Social Science, Sanskrit

**Workshop/Training:**

- ◆ Participate in 2 days workshop on Robotics
- ◆ Participated in the Environmental Health Sensitisation workshop
- ◆ Participated as a volunteer in electronic society of the college

**Name:** Anuj Pandey  
**Date of Birth:** 2017-02-19  
**Permanent Address:** Vill-Birwal, Post-Nagarwar, Thana-Ghoorpur, Tehsil-Bara, Allahabad 212107  
**Current Address:** Plot No.185, Vipin Garden, Uttam Nagar West, South West Delhi 110059



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya College of Applied Sciences, DWARKA SEC-2	Sem 1: 6.09, Sem 2: 6.18 Sem 3: 6.71, Sem 4: 7.29		
<b>12th</b>	BOARD OF HIGH SCHOOL & INTERMEDIATE EDUCATION U.P.	SARASWATI V M INTER COLLEGE HAMIRPUR U.P.	89.6	2014	Science/ Hindi, English, Physics, Chemistry, Mathematics
<b>10th</b>	BOARD OF HIGH SCHOOL & INTERMEDIATE EDUCATION U.P.	SARASWATI V M INTER COLLEGE HAMIRPUR U.P.	82.83	2012	Hindi, English, Mathematics, Science, Social Scie., Sanskrit

**Workshop/Training:**

- ◆ Workshop on Robotics (Oct, 2016)
- ◆ Workshop on Emerging Technology & ITIL V3.0 (Sep, 2015)
- ◆ Workshop on Digital India (Feb, 2016)
- ◆ Training on Temperature Controller, Recorder & Thyristor (Dec-Jan, 2017)

**Curricular/Extra-Curricular Activity:**

- ◆ Certificate for Volunteering in Electronics Society(SPARKS) (2015-16)
- ◆ Certificate for Participation in Under-21 Inter Region State Football Championship-2011-12, at Agra (Under the Auspices of Uttat Pradesh Football Sangh)
- ◆ Certificate for Participation in Under-19 Inter Region State Football Championship-2012, at Meerut (Under the Auspices of Uttat Pradesh Football Sangh)
- ◆ Certificate for Participation in Under-16 Sub Junior Inter Region State Football Championship-2011-12, at Rampur (Under the Auspices of Uttat Pradesh Football Sangh)
- ◆ Certificate for Participation in 58th State School Football Championship-2012-13, at Gorakhpur(U.P.)
- ◆ Testimonial By IPS Officer (2014)
- ◆ Certificate for Securing B Position at District Level General Knowledge Competition (2009)

**Name:** Navneet Maurya  
**Date of Birth:** 1998-04-08  
**Permanent Address:** Village-Sultanpur, Post-Baraipur, Distt-Azamgarh, Upttar Pradesh, 223221  
**Current Address:** 2256/37, Ph-2, Surat Nagar, Gurgaon, Haryana 122001



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	university of delhi	bhaskaracharya college of applied sciences	Sem 1: 4, Sem 2: 5 Sem 3: 4.07, Sem 4: 5.79		
<b>12th</b>	board of high school and intermediate aducation u.p	udyog v inter college koilsa azamgarh	85%	2014	science
<b>10th</b>	board of high school and intermediate aducation u.p	adash janta inter college bendui sarain azamgarg	77.83	2012	hindi,english,mathemetics, science,social science,sanskrit

**Workshop/Training:**

- ◆ workshop in robotics,workshop on emerging technology&itil v3.0 ,linex

**Name:** Neeraj Kumar Yadav  
**Date of Birth:** 1998-07-10  
**Permanent Address:** B-77 Street No.-10 Raj Nagar-2 Palam Colony New Delhi- 110077  
**Current Address:** Same As Permanent Address



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya College of Applied Sciences	Sem 1: 7.18, Sem 2: 9 Sem 3: 8.36, Sem 4: 9		
<b>12th</b>	CBSE	Government co-ed Senior Secondary school sec-6 Dwarka site 2	87.40%	2015	English Core, Mathematics, Physics, Chemistry, Biology
<b>10th</b>	CBSE	Modern International school	8.8	2013	English Comm., Hindi, Mathematics, Science, Social Science

**Workshop/Training:**

- ◆ Completed 1 day Workshop on emerging technology and ITIIV 3.0 From milestone Achievers at Bcas on 15 september 2015
- ◆ Attended the 2 day workshop on robotics held on oct 5-6,2016 from croma campus at Bcas

**Curricular/Extra-Curricular Activity:**

- ◆ Got gold medal in inter departmental kabaddi tournament at Bcas (2015-16)
- ◆ Secure 2nd place in relay race in Bcas (2015-16)
- ◆ Secure 2nd position in kabaddi tournament Organised by swadeshi jagran manch in New delhi dwarka (2015-16)
- ◆ Secure 3rd position in kho-kho tournament Organised by swadeshi jagran manch in New delhi dwarka (2015-16)
- ◆ Participated in kabaddi tournament Organised by swadeshi jagran manch in New delhi dwarka (2016)
- ◆ Coordinator of kabaddi in Inter Departmental sports Tournament at Bcas in 2017
- ◆ Secure 2nd position in Inter Departmental kabaddi tournament at Bcas in 2017
- ◆ Contributes as Volunteer in sports Day at Bcas in 2017

**Name:** Ankur Singh

**Date of Birth:** 1997-02-02

**Permanent Address:** A-40 Qutub Vihar Phase 2 Goyla Dairy Najafgarh New Delhi 110071

**Current Address:** A-40 Qutub Vihar Phase 2 Goyla Dairy Najafgarh New Delhi 110071



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	university of delhi	bhaskaracharya college of applied sciences	Sem 1: 6.91, Sem 2: 6.09 Sem 3: 5.93, Sem 4: 6.36		
<b>12th</b>	cbse	st mary's school,dwarka	83	2015	Physics,Chemistry, Mathematics,English, Economics,Physical Educ
<b>10th</b>	cbse	st mary's school,dwarka	8.2	2013	Science,Mathematics,Hindi, Computer,English,Sst

**Curricular/Extra-Curricular Activity:**

- ◆ Kabaddi team college
- ◆ Cricket team
- ◆ Athletics team
- ◆ Trekking and mountaineering

**Name:** Dimple Kaushik  
**Date of Birth:** 1998-06-27  
**Permanent Address:** Wz 1/A Palam Village Near New Syndicate Bank New Delhi 45  
**Current Address:** Wz 1/A Palam Village Near New Syndicate Bank New Delhi 45



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya College of applied sciences	Sem 1: 6.18, Sem 2: 5.82 Sem 3: 5.79, Sem 4: 6.71		
<b>12th</b>	Cbse	Skv no 1	83.25%	2015	Chemistry, Physics, Mathematics, Biology, English, Physical Ed
<b>10th</b>	Cbse	Skv no1	9 cgpa	2013	Science, Mathematics, English, Hindi, Social Studies, Sanskrit

**Workshop/Training:**

- ◆ I did a four week summer training on adv. Embedded system(using arm) at Cetpa infotech private limited
- ◆ Attended a workshop on internet of things at Cetpa infotech private limited
- ◆ Attended a workshop on robotics by croma campus at bhaskaracharya College of applied sciences

**Curricular/Extra-Curricular Activity:**

- ◆ 1st position in nsit's got talent 2017
- ◆ Third position in talent hunt event conducted by chessaim in association with kalrav'17
- ◆ Participated in TIDE(annual cultural festival 2017) and has been adjudged MISS TIDE in tide 2017 Arsd
- ◆ Women's achievement award by Agilo foundation.
- ◆ First position in talent hunt during the annual techno cultural fest interface
- ◆ Third position in pulse got talent event held during 44th annual south asian medical socio-cultural,literary and sports meet,pulse held in AIIMS, Delhi
- ◆ First prize in the event rhythmic yoga of the annual cultural festival Srijan '16
- ◆ Volunteer and event coordinator at my own College fest
- ◆ I was a part of the event social revolution 2016 held by Enactus SSCBS. Also volunteered at Umeed
- ◆ I won many competition during my school time(like in yoga,dance,debate etc)

**Name:** Nipun Rathi  
**Date of Birth:** 1997-11-02  
**Permanent Address:** G-1/565,Uttam Nagar,Dal Mill Road,West Delhi  
**Current Address:** G-1/565,Uttam Nagar,Dal Mill Road,West Delhi



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya college of applied sciences	Sem 1: 7, Sem 2: 6.5 Sem 3: 5.72, Sem 4: 6.5		
<b>12th</b>	Cbse	Kamal public school	8.2	2015	Physics, Chemistry, Maths, English, Physical Education
<b>10th</b>	Cbse	Kamal public school	8.2	2013	Maths, Science,Sst,Hindi, English

**Curricular/Extra-Curricular Activity:**

- ◆ Played intercollege cricket tournament,runners up in 1st year
- ◆ Learnt guitar in 6 months
- ◆ Organised cricket tournament in 3rd year

**Name:** Abhishek Bhatia  
**Date of Birth:** 1996-11-04  
**Permanent Address:** H-2/29B Bengali Colony Mahavir Enclave.Palam.New Delhi-110045  
**Current Address:** H-2/29B Bengali Colony Mahavir Enclave.Palam.New Delhi-110045



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya College of Applied Sciences	Sem 1: 7.18, Sem 2: 8.27 Sem 3: 7.93, Sem 4:		
<b>12th</b>	Central Board of Secondary Education	Jindal Public School	91%	2015	Non Medical: Maths, Physics, Chemistry, Computer Science, English
<b>10th</b>	Central Board of Secondary Education	Jindal Public School	9.4	2013	Maths, Science, English, Hindi, Social Science

**Workshop/Training:**

- ◆ I have done training in operational areas of engineering from hotel crowne plaza.
- ◆ I have done workshop on emerging technology and itil version 3.0 from milestone achievers.
- ◆ I have done workshop on robotics from croma campus.
- ◆ I have done workshop on vedic mathematics .
- ◆ I have done workshop on ms office from aptech computer education.

**Curricular/Extra-Curricular Activity:**

- ◆ I worked for eca(extra curricular activites)committee of our college. Post- joint secretary.
- ◆ I worked as an event manager in songs of India (university of delhi).
- ◆ I worked as a volunteer in annual day of our college.
- ◆ In class 11th, i got 2nd position in relay race in sports day of our school.

**Name:** Sunil Kumar Gupta

**Date of Birth:** 1997-01-03

**Permanent Address:** At+Po=Kesariya Purani Bazar, District-East Champaran, Bihar, 845424

**Current Address:** Rz/E, 41/B, Raj Nagar Part-II Palam Colony New Delhi, 110045



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya College of Applied Sciences	Sem 1: 6.18, Sem 2: 6 Sem 3: 5.57, Sem 4: 6		
<b>12th</b>	BIHAR BOARD (BSEB)	BPS COLLEGE KESARIYA	78.3	2015	Physics, Chemistry, Mathematics, Hindi, English
<b>10th</b>	BIHAR BOARD (BSEB)	GOVERNMENT HIGH SCHOOL KESARIYA	72.6	2012	Mathematics, Science, Social Science, Hindi, English, Sanskr

**Workshop/Training:**

- ◆ Robotics organised by Croma campus in our college campus they teach us how to led blinking, seven segment display, lcd display etc

**Name:** Mohit Kumar  
**Date of Birth:** 1996-12-24  
**Permanent Address:** Pole No.6A, Village Goyla Khurd, Po Chhawla, New Delhi - 110071  
**Current Address:** Pole No.6A, Village Goyla Khurd, Po Chhawla, New Delhi - 110071



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya college of applied science	Sem 1: 7.18, Sem 2: 7.18 Sem 3: 7, Sem 4: 6.38		
<b>12th</b>	CBSE	Shanti gyan niketan public school	83.33	2015	Physics, Chemistry, Maths, English, Computer Science, Physical education
<b>10th</b>	Cbse	S.D.Public School	10	2013	English, Hindi, Maths, Science, Social Studies, Sanskrit

**Workshop/Training:**

- ◆ Robotics workshop
- ◆ Photography workshop

**Curricular/Extra-Curricular Activity:**

- ◆ Dramatics
- ◆ Photography
- ◆ Cricket

**Name:** Kailash Kumar  
**Date of Birth:** 1996-10-04  
**Permanent Address:** A-48 Street No-3 Radhey Shyam Park Extension Delhi-110051  
**Current Address:** A-48A Second Floor Radhey Shyam Park Extension Delhi-110051



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi (DU)	Bhaskaracharya College of Applied Sciences	Sem 1: 5.64, Sem 2: 5.18 Sem 3: 5.79, Sem 4: 5.71		
<b>12th</b>	Central Board of Secondary Education (CBSE)	Govt Sarvodaya Bal Vidyalaya Rani Garden Delhi-110031	65.8	2015	English,Mathematics,Physics, Chemistry,Biology
<b>10th</b>	Central Board of Secondary Education (CBSE)	Govt Sarvodaya Bal Vidyalaya Radhey Shyam Park Delhi-110051	8	2013	English,Hindi,Mathematics, Science,Social Science

**Workshop/Training:**

- ◆ I have taken part in a workshop based on ROBOTICS in second year. It was a hands-on workshop organised by croma campus dated on October 5,2016.
- ◆ I have done a one year computer course (O-LEVEL) from EXE SOLUTION recognised by DOEACC society and accredited by NIELIT (National Institute of Electronics and Information Technology).

**Curricular/Extra-Curricular Activity:**

- ◆ I have participated in Inter School Talent Search Examination in 10th standard organised by a society on May 12,2012 and got 5th rank in it.
- ◆ On December 22,2010 a quiz competition was organised by a society in our neighbourhood area and I have participated in it. I stood the position of second runner-up in this competition.
- ◆ I have participated in on-the-spot painting competition organised by the National Museum in New Delhi on November 14,2008 and rewarded by a certificate.

**Name:** Himanshu Saini  
**Date of Birth:** 1997-06-12  
**Permanent Address:** 2/102 Chandaniya Chowk Ramghat Road ,Aligarh,Uttar Pradesh,202001  
**Current Address:** Plot No. 185 Vipin Garden ,Kakrola Mor,Uttam Nagar , New Delhi,110059



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya College of Applied Sciences	Sem 1: 4.91, Sem 2: 3.91 Sem 3: 3.5, Sem 4: 3.07		
<b>12th</b>	UTTAR PRADESH BOARD	B K L S H SEC SCH TEVATHU ALIGARH	74.8	2014	Hindi,English,Mathematics, Physics,Chemistry,Physical Edu.
<b>10th</b>	UTTAR PRADESH BOARD	R SAHAI INTER COLLEGE ALIGARH	53	2011	Hindi,English,Mathematics, Sciences,Social Science, Drawing

**Workshop/Training:**

- ◆ milestone achievers workshop
- ◆ workshop of robotics by croma campus
- ◆ workshop of digital india by government of india

**Curricular/Extra-Curricular Activity:**

- ◆ participate as a contestant in kabaddi during annual sports day and secure 1st position.
- ◆ worked as volunteer in srijan 2016(cultural fest)

**Name:** Ekta Meena  
**Date of Birth:** 1997-12-21  
**Permanent Address:** C-39 Qutub Vihar Phase-1 Near Sec-19 Dwarka New Delhi  
**Current Address:** C-39 Qutub Vihar Phase-1 Near Sec-19 Dwarka New Delhi



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya College of Applied Sciences	Sem 1: 4.64, Sem 2: 4.45 Sem 3: 4.86, Sem 4: 4.93		
<b>12th</b>	CBSE	Modern International School	65.80%	2015	English,Mathematics,Physics, Chemistry,Physical Education
<b>10th</b>	CBSE	Modern International School	8.2	2013	English,Hindi,Mathematics, Science,Social Science

**Workshop/Training:**

- ◆ Robotics

**Curricular/Extra-Curricular Activity:**

- ◆ Cricket

## DEPARTMENT OF FOOD TECHNOLOGY

**Food Technology** is a science which deals with the techniques and principles involved in processing and preserving of foods. Food industry has been identified as the sunrise industry due to its enormous impact and significance in the Indian development sector. Its importance lies in the fact that it has the capability to provide food to our population through scientific conservations, eliminating available losses and making available more balanced and nutritious food. Recognizing the potential in this sector, the course has been designed in order to impart to students an integrated understanding about Food Technology. The course provides students with an intellectually stimulating education in Technology of Fruits Vegetables and Plantation Crops, Food and Nutrition, Dairy and Sea Foods, Food Chemistry, Food Microbiology, Food Engineering, Food Packaging, Food Safety and Food Quality Testing and Evaluation. Besides regular courses, students undergo industrial training, educational tours as well as take part in seminars and conferences. Students are also encouraged to undertake summer projects in Research Laboratories and Industries.

The laboratories of the Food Technology Department are well equipped with various latest and sophisticated instruments including Autoclave, Automatic Nitrogen Analyzer, Brookfield's Viscometer, Binocular Microscopes, Drying Oven, Electronic Balances, Environment Chamber, Fume Hood Chamber, Incubators, Laminar Air Flow, Leakage Tester, Lovibond Tintometer, Moisture Meter, Rotary Vacuum Evaporator, Tensile Tester and UV-Vis- Spectrophotometer,. Besides this Department has a pilot plant which aims at providing practical experience to the students. It is well equipped with a Canning Unit, Bakery Unit, Packaging unit, Milk Processing unit, Deep Freezer with Sensor etc. The Department also has R&D laboratory which includes high end equipments like Gas Chromatography, Texture Analyzer, Water Activity Meter etc. Hands-on training on the equipments available facilitates the students to achieve both conceptual knowledge as well as practical skills. Various in-house projects are being carried out which help students to understand how products can be taken from laboratory to the market. Students undertake these projects with full enthusiasm and work under the supervision of experienced faculty members.



Milk Processing Plant



Analytical Lab

## **Objectives**

- To enable the students to understand food composition and its physico-chemical, nutritional, microbiological and sensory aspects.
- To familiarize the students with the processing and preservation techniques of fruits and vegetables, pulses, oilseeds, spices, meat, fish, poultry, milk and milk products.
- To emphasize the importance of food safety, food hygiene and sanitation, food regulations, food packaging and recent advances in the field of Food Technology.

## **Departmental Activities**

Ambrosia, the Food Technology Society creates awareness through Seminars and Educational trips for the holistic development of students. Students of the Department of Food Technology have always been enthusiastically involved in various extracurricular activities not just within the college but also inter college.

The Food Technology Society "AMBROSIA" has been organising community outreach programme. The theme was "Nutritional Label Reading and Food Packaging Materials". Respondents were educated about Nutritional Labeling and different types of food grade packaging materials by Dr. Vandita Gupta (Coordinator) and Dr. Roshan Lal ,Ms. Tanya as (Co-coordinators) . Another program was themed on Food Safety Awareness by Dr. Vandita Gupta ,Dr. Shalini Sehgal with Dr. Roshan and Ms. Tanya L Swer together with student volunteers.

The Food Safety Education Initiative (FSEI) of the department under the coordinatoship of Dr. Shalini Sehgal is conducting a National Outreach programme for creating Awareness regarding Food Safety in the school children using the self-designed educational kit along with the student volunteers. BSc. Food Technology III yr student team conducted a consumer survey on "Use of Plastics in the society" in Sept, 2017 under this initiative. The students also attended the Food Safety Quiz held at IHC, Delhi.

Ms.Hephzibah Saji (Final year student) participated in poster competition under the mentorship of Dr. Meenakshi Garg in AMIFOST- 2017 in the National Conference on Food Safety, Nutrition Security and Sustainability organised on Sept 26, 2017 at AMITY, Noida .

An educational trip was organized for the BSc. Food Technology students to Anand Agricultural University (AAU) for attending their Tech Fest-Adroit-2017 and visit to Amul Milk Plant, Anand from 25-27th September, 2017. "Popular Foods of North East " a recipe competition was also organized in by Ambrosia in collaboration with the North East Cell of the college.



### Choice based credit system (CBCS) course for (B.Sc (H) Food Technology)

Semester	Course Opted	Course name	Credits
I	Ability Enhancement Compulsory Course - I	English Communications/ Environmental Science	2
	C-1 Theory	Fundamentals of Food Technology	4
	C-1 Practical	Fundamentals of Food Technology Practical	2
	C-2 Theory	Principles of Food Science	4
	C-2 Practical	Principles of Food Science Practical	2
	GE-1 Theory	GE-1	4
	GE-1 Practical	GE-1	2

II	Ability Enhancement Compulsory Course - II	English Communications/ Environmental Science	2
	C-3 Theory	Technology of Food Preservation	4
	C-3 Practical	Fundamentals of Food Technology Practical	2
	C-4 Theory	Food Processing Technology	4
	C-4 Practical	Food Processing Technology Practical	2
	GE-2 Theory	GE-2	4
	GE-2 Practical	GE-2 Practical	2
III	C-5 Theory	Food and Nutrition	4
	C-5 Practical	Food and Nutrition Practical	2
	C-6 Theory	Technology of Fruits, Vegetables and Plantation	4
	C-6 Practical	Technology of Fruits, Vegetables and Plantation Practical	2
	C-7 Theory	Technology of Dairy and Sea Food	4
	C-7 Practical	Technology of Dairy and Sea Food Practical	2
	SEC -1	SEC-1	2
	GE-3 Theory	GE-3	4
	GE-3 Practical	GE-3 Practical	2
IV	C-8 Theory	Technology of Cereals, Pulses and Oilseeds	4
	C-8 Practical	Technology of Cereals, Pulses and Oilseeds Practical	2
	C-9 Theory	Food Microbiology	4
	C-9 Practical	Food Microbiology Practical	2
	C-10 Theory	Technology of Meat, Poultry and Egg	4
	C-10 Practical	Technology of Meat, Poultry and Egg Practical	2
	SEC -2	SEC-2	2
	GE-4 Theory	GE-4	4
	GE-4 Practical	GE-4 Practical	2
V	C-11 Theory	Food Engineering	4
	C-11 Practical	Food Engineering Practical	2
	C-12 Theory	Food Chemistry-I	4
	C-12 Practical	Food Chemistry-I Practical	2
	DSE-1 Theory	DSE-1 Theory	4
	DSE-1 Practical	DSE-1 Practical	2
	DSE-2 Theory	DSE-2 Theory	4
	DSE-2 Practical	DSE-2 Practical	2
	C-13 Theory	Food Chemistry-II	4
	C-13 Practical	Food Chemistry-II Practical	2
	C-14 Theory	Food Quality and Sensory Evaluation	4
	C-14 Practical	Food Quality and Sensory Evaluation Practical	2
	DSE-3 Theory	DSE-3 Theory	4
	DSE-3 Practical	DSE-3 Practical	2
	DSE-4 Theory	DSE-4 Theory	4
	DSE-4 Practical	DSE-4 Practical	2

## FACULTY DETAILS

S.No	Name	Degree	Specialization
1	Dr. Rizwana	Ph.D.	Food Technology
2	Dr. Vandita Gupta (Teacher-In-Charge)	Ph.D.	Food Science and Nutrition

3	Dr. Shalini Sehgal	Ph.D.	Food Microbiology & Food Safety
4	Dr. Eram Shahid Rao	Ph.D.	Food Science & Nutrition
5	Dr. Meenakshi Garg	Ph.D.	Food Processing & Packaging
6	Dr. Roshan Lal	Ph.D.	Food Technology
7	Dr. Akanksha Wadhera	Ph.D	Dairy Technology
8	Tanya L. Swer	M.Sc.	Food Science & Technology

## **Industries/Companies/R&D organizations associated with the Department**

- ARBRO pharmaceuticals Ltd.
- Avon Agro Food Lab
- Axon Agro food Lab
- Bikanerwala Food Pvt. Ltd.
- Britannia
- Coca Cola
- Delhi Milk Scheme
- FICCI Research and Analysis Centre
- Food Testing and Certification Division
- Golden wheat & Allied mills Pvt. Ltd.
- Haldiram
- International Flavors and Fragrances Pvt Ltd
- Intertek (food Service)
- IRCTC
- Mohan Meakin Ltd.
- Mother Dairy
- Mother Dairy (Safal)
- Nestle
- Nirulas
- Pearl Drink Limited
- Pepsico Pvt Ltd
- S.I.M.A. Labs. Pvt. Ltd.
- Sangri-La Hotel
- Sigma Test & Research Centre
- Sky gourmet catering Pvt. Ltd.
- Sri Ram Institute for Industrial Research

- Surya Hotel
- Taj Mahal Hotel
- TajSats
- The Metropolitan Hotel

**Name:** Siddhant Singh  
**Date of Birth:** 1997-02-06  
**Permanent Address:** D-183 Sec-27 1St Floor  
**Current Address:** D-183 Sec-27 1St Floor



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya college of applied sciences	Sem 1: 6.55, Sem 2: 8.27 Sem 3: 7.14, Sem 4: 5.93		
<b>12th</b>	CBSE	Army Public School NOIDA	91.80%	2015	Physics, Chemistry, Maths, Biology, English
<b>10th</b>	CBSE	Army Public School NOIDA	10	2013	Social Studies, English, Science, Hindi, Maths, Computers

**Workshop/Training:**

- ◆ Summer Internship with Hindustan Coca Cola Pvt. Ltd.

**Curricular/Extra-Curricular Activity:**

- ◆ College Football. Delhi University Top 12 for two years. Reliance Youth Tournament
- ◆ Captain of the College football team. Placed in Top 10 in NSIT sports fest

**Name:** Sakshi Gupta  
**Date of Birth:** 1997-01-03  
**Permanent Address:** Mig 415 Old Housing Board Colony, Morena (M.P) 476001  
**Current Address:** Gali No 35, Rajapuri, Near Uttamnagar East Metro Station, New Delhi



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	university of delhi	bhaskaracharya college of applied science	Sem 1: 6.64, Sem 2: 8.27 Sem 3: 8.5, Sem 4: 9.14		
<b>12th</b>	madhya pradesh board of secondary education	govt. school of excellence	93.6	2014	physics,chemistry,biology, hindi,english
<b>10th</b>	madhya pradesh board of secondary education	govt.school of excellence	91	2012	maths,science,english,hindi, sanskrit,social science

**Workshop/Training:**

- ◆ one week training in Bekery Technology in AIBTM (ASSOCOM Institute of Technology) under PMKVV in Greater Noida.
- ◆ 45 days internship in quality control department in JB Mangaram Foods pvt. ltd.(Britannia industries) Gwalior M.P in 50-50 cracker and britannia zim-zam biscuit.
- ◆ Attended Workshop in BCAS. in total analytical solution for cereal technology in Delhi
- ◆ Attended workshop in Anand agriculture university on extrusion technology and canning.

**Curricular/Extra-Curricular Activity:**

- ◆ Member of Fine Arts Society ( Aakiriti ) in BCAS,DU .Very good in art and designing.
- ◆ Member of ECA coordination . experienced in organising events and fests in college
- ◆ Member of AFSTI Delhi Chapter since 3 years and attended various seminar and workshop under AFSTI on the occassion of world food day and other event.
- ◆ Efficient in MS Word and MS Excel.

**Name:** Kirti Sharma

**Date of Birth:** 1997-10-22

**Permanent Address:** Vill. Thudial Po Sudhial Teh Nadaun Distt Hamirpur H. P. Pin 177042

**Current Address:** Dda Flat 92 Bhaskar Apartments Pocket 2 Sector2 Dwarka New Delhi Pin 110075



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya College of Applied Sciences	Sem 1: 7.45, Sem 2: 9.09 Sem 3: 8.93, Sem 4: 9		
<b>12th</b>	CBSE	Kendriya Vidyalaya Hamirpur	93.80%	2015	Biology, Chemistry, Physics, English ,Hindi
<b>10th</b>	CBSE	Kendriya Vidyalaya Nadaun	9.4	2013	Maths, Science, Social Science, English Core, Hindi

**Workshop/Training:**

- ◆ 1 month internship at TajSats Air Catering Ltd. New Delhi in Quality assurance lab
- ◆ 15 days internship at Mount Kailash Processed Foods Pvt. Ltd. H.P. in Milk and milk products processing

**Curricular/Extra-Curricular Activity:**

- ◆ Volunteered for community reach out for Public Welfare spreading awareness regarding Nutritional Labelling and Packaging of food products
- ◆ Represented Food Technology girls cricket team in inter-departmental sports tournament
- ◆ Represented Food Technology department in Table Tennis single and doubles in inter-departmental sports tournament

**Name:** Srishti Sharma  
**Date of Birth:** 1997-01-30  
**Permanent Address:** Sukhsancharak Company Chatta Bazaar Holigate Mathura (U.P.)  
**Current Address:**



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya college of applied sciences	Sem 1: 7.18, Sem 2: 8 Sem 3: 7.93, Sem 4: 8.71		
<b>12th</b>	Cbse	Parvati radhakishan fomra school	92.4	2015	Physics chemistry maths biology english
<b>10th</b>	Cbse	Parvati radhakishan fomra school	9.6 cg	2013	Maths english social studies science hindi computer

**Name:** Aditya Garg  
**Date of Birth:** 1996-12-14  
**Permanent Address:** 1972 Heera Kunj Dampier Nagar Mathura Uttar Pradesh 281001  
**Current Address:**



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	bhaskaracharya college of applied sciences	Sem 1: 7.5, Sem 2: 8.45 Sem 3: 8.14, Sem 4: 8.5		
<b>12th</b>	Cbse	Parvati radhakishan fomra school	93.4		Physics, Maths , Biology, Chemistry, English
<b>10th</b>	Cbse	Parvati radhakishan fomra school	95%	2013	

**Name:** Aishwarya  
**Date of Birth:** 1995-10-16  
**Permanent Address:** Jealgora Hospital,P.O. Jealgora, Dhanbad, Jharkhand-828110  
**Current Address:** I-111,Street Number 35, Rajapuri Uttam Nagar,Opp Dwarka Sector 5-110059



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya College of Applied Sciences	Sem 1: 8, Sem 2: 8.27 Sem 3: 8.76, Sem 4: 8.25		
<b>12th</b>	Cbse	Delhi public school, Bokaro Steel city	92	2013	Phy,chem, bio, English, physical education
<b>10th</b>	Icse	Carmel school	95.2	2011	Eng,hindi,maths, Science, social studies, evs, computer

**Workshop/Training:**

- ◆ Craft Baker course from aibtm
- ◆ Marketing communications intern at GS1 INDIA

**Curricular/Extra-Curricular Activity:**

- ◆ Active member of akriti-fine arts society of college
- ◆ Class representative
- ◆ Third prize in relay race on sports day

**Name:** Pushkar Gupta  
**Date of Birth:** 1996-10-26  
**Permanent Address:** 434-A, Ganeshnagar Ext.2 , Shakarpur, Delhi 110092  
**Current Address:** 434-A, Ganeshnagar Ext.2 , Shakarpur, Delhi 110092



**Academic Qualification:**

	University/ Board	Institution	Percentage / CGPA	Year of Passing	Subjects/Stream
<b>B.Sc. (Hons)</b>	University of Delhi	bhaskaracharya college of applied sciences	Sem 1: 7.45, Sem 2: 8.18 Sem 3: 8.93, Sem 4: 8.93		
<b>12th</b>	cbse	ramjas school, pusa road	90%	2015	physics, chemistry, biology, mathematics, english(core)
<b>10th</b>	cbse	ramjas school, pusa road	10	2013	science, mathematics, social studies, english, sanskrit,

**Workshop/Training:**

- ◆ 1 month internship at carlsberg india, alwar plant - learnt the knowhiw of a brewing plant. undrrstood the functioning of brewhouse, quality control parameters and procedures. also got the knowledge of different machinery used in filling and packaging.
- ◆ attended workshop on CIP system of milk pasteurization unit.
- ◆ attended a workshop on bakery products- learnt to make different icings, and bakery products like claes, brownies etc.
- ◆ workshop on environmental health senaitization - participated in this workshopand benifited to learn about environmental health. different concerns for the environment that affect it.
- ◆ workshop on total analytical solutions for cereal technologist - learntthe different analytical methods to access the quality of cereal grains. understood the working of texture analyzer.

**Curricular/Extra-Curricular Activity:**

- ◆ participated in traditional and north east food competition
- ◆ participated in debate competition held on word food day by afsti
- ◆ attended national seminar on importance of nutrition in processed food organized by pfndai
- ◆ attended national seminar on social protection and agricultural role of cooperatives and food processing induatries.
- ◆ got the best actor award. also won and participated in many intraschool and interschool plays.
- ◆ academic excellence award till class 12th, for being excellent and consistent in studies.
- ◆ won prizes and participated in many interschool and intraschool painting competitions.
- ◆ won 1st prize in intracollege poster making competition on impact of social media on youth.
- ◆ awarded as most conscientious prefect of ramjas school.
- ◆ was adjudged 1st for monitoring 6th class student under i care project, in school. also participated in sakshar bharat mission, in 10th class, to make a person literate.

**Name:** VANNIE DOGRA  
**Date of Birth:** 1998-01-26  
**Permanent Address:** K-12,Gali no-6-D,Pandit Appart. 2nd floor flat no-5 Mahiarpur Extn. ND-37  
**Current Address:**



**Academic Qualification:**

	University/ Board	Institution	Percentage / CGPA	Year of Passing	Subjects/Stream
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya College of Applied Sciences, dwarka	Sem 1: 7.91, Sem 2: 8.27 Sem 3: 9.14, Sem 4: 8.93		
<b>12th</b>	CBSE	Kendriya Vidyalaya	87.60%	2015	Physics, Chemistry, Maths, Biology, English
<b>10th</b>	CBSE	Kendriya Vidyalaya	10CGPA	2013	Hindi, English, Maths, Science, Social studies

**Workshop/Training:**

- ◆ One week bakery workshop at Assocom Institute of Bakery Technology and Management(AIBTM),Noida in december 2015.
- ◆ Participated in Environmental health sensitization workshop held on 10 April'17 at BCAS,DU.
- ◆ Attended the workshop on GHP & GMP in Food Industry on 11 April'17 at BCAS,DU.
- ◆ One month Training at Delhi Milk Scheme plant from 1 June'17 to 30 June'17.
- ◆ Attended various dance and photography workshops.

**Curricular/Extra-Curricular Activity:**

- ◆ DEBATE- Participated in Inter-college debate competition( Botany fest) at DDUC,DU on "botany is pure science"on 11 march'16. Participated in inter-college debate competition on world food day on the topic- " processed food:a boon or bane".
- ◆ Participated in "Traditional and north east food competition" on 25.01.2017.
- ◆ Participated in-national seminar on "Importance of nutrition in development of processed foods" on September 2, 2015.
- ◆ Participated in-national seminar on "social protection and agriculture-role of co-operatives and food processing industries" organized by AFSTI, Delhi chapter on 16 October, 2015 on the occasion of world food day.
- ◆ Volunteered in organizing the conference "Traditional foods for healthier nations" on 16 October, 2016 organised by khadya dharohar and AFSTI, Delhi chapter.
- ◆ Attended the seminar on " Change the future of migration:invest in food security and rural development" on the occasion of world food day on 16/10/17.
- ◆ Participated in New product Development,Poster presentation and Business idea Competition at college of food processing technology and Bio-energy, AAU, Gujarat.
- ◆ DANCE- Had been the part of RAGE dance society of BCAS. Performed at various fest of other University of Delhi Colleges. performed at Annual Cultural fest of BCAS ,SRIJAN'17. Participated in Student got talent competition at AAU, Gujarat.
- ◆ Had been the part of Music society" Moksha" of BCAS.
- ◆ Member of Photography club" Clickerarti" and Fashion Society "Panache". Player of girls volleyball team of food technology department.

**Name:** Anuj Kumar Panchal  
**Date of Birth:** 1997-08-26  
**Permanent Address:** C-685 Bhola Nagar K.M.P New Delhi-03  
**Current Address:** C-685 Bhola Nagar K.M.P. New Delhi -03



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	Delhi University	bhaskaracharya college of applied sciences	Sem 1: 6.27, Sem 2: 7.18 Sem 3: 8.29, Sem 4: 8.79		
<b>12th</b>	CBSE	D.T.E.A. senior secondary school	89.50%	2015	Physics, Chemistry, Biology, English, Mathematics
<b>10th</b>	CBSE	Vidya bhawan mahavidyalaya senior secondary school	8	2013	English, Hindi, Sanskrit, Science, Social sciences, Maths

**Workshop/Training:**

- ◆ 20 days internship in DMS( Delhi Milk Scheme )
- ◆ 15 days internship in BTW Pvt. Ltd.
- ◆ Attended many workshops under surakshit khadya abhiyaan,under CII
- ◆ Attended several seminars under AFSTI, Delhi chapter
- ◆ Attended many workshops under star college scheme,funded by DBT

**Curricular/Extra-Curricular Activity:**

- ◆ Volunteered for community reach out for public welfare spreading awareness about food safety

**Name:** Prateek Kumar Tiwari  
**Date of Birth:** 1996-10-30  
**Permanent Address:** 16F/2 Kazipur Naini Allahabad  
**Current Address:** 16F/2 Kazipur Naini Allahabad



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	Cbcs/university of delhi (food tech)	Bhaskaracharya college of applied sciences	Sem 1: 5.91, Sem 2: 4 Sem 3: 5.93, Sem 4: 6.36		
<b>12th</b>	Up board	Sangam modern school	85.6	2014	Physics,chem,math,english, hindi
<b>10th</b>	Cbse	Maharishi vidya mandir	4.8	2012	Hindi,english,math,science, social science

**Workshop/Training:**

- ◆ Training at brewing industry carlsberg in quality analysis department (one month)
- ◆ Attending various seminaar under asti delhi

**Name:** Mukesh Singh Rathore

**Date of Birth:** 1995-11-03

**Permanent Address:** Village-Dhari Madhya, P.O. Rawatsera 263631, Kanda, Bageshwar Uttrakhand

**Current Address:** Wb-28, Shakarpur, Delhi-110092



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	bhaskaracharya college of applied sciences	Sem 1: 5.36, Sem 2: 5.82 Sem 3: 6.29, Sem 4: 6.5		
<b>12th</b>	up board	sangam modern, naini, allahbad	88.4	2014	physics, maths, chemistry, english, hindi, phy. education
<b>10th</b>	cbse		5.6	2012	maths, sciences, sst, english, hindi, foundations of it

**Workshop/Training:**

- ◆ workshop on cereal technology- learnt the working of a texture analyser. also learnt other quality parameters and analysis of cereal grains
- ◆ workshop on sensitization towards environmental health

**Curricular/Extra-Curricular Activity:**

- ◆ national seminar on nutraceuticals
- ◆ national seminar on improving rural health and nutrition

**Name:** Anand Swaroop Gupta  
**Date of Birth:** 1997-05-09  
**Permanent Address:** Ea 292, Ada Colony Nani Allahabad  
**Current Address:** Ea 292, Ada Colony Nani Allahabad



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	Cbcs/ university of delhi (food tech)	Bhaskaracharya college of applied sciences	Sem 1: 5.27, Sem 2: 5.18 Sem 3: 6.36, Sem 4: 6.64		
<b>12th</b>	Up board	Sangam modern school	88.8	2014	Physics,chem,math,hindi, english
<b>10th</b>	Cbse	Maharishi vidya maandir	6.8	2012	Hindi,eng,math,science,social science

**Workshop/Training:**

- ◆ Training at brewing industry carlsberg in quality analysis department
- ◆ Attending various workshop under afsti delhi

**Name:** Shipra Sharma

**Date of Birth:** 1998-06-04

**Permanent Address:** Village Thudial Post-Office Sudhial Tehsil Nadaun Distt. Hamirpur Himachalpradesh

**Current Address:** Groud Floor Dda Flats-92 Dwarka Sec-2 Pkt-2 New Delhi 110075



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya college of applied sciences	Sem 1: 7.18, Sem 2: 7.73 Sem 3: 8.71, Sem 4: 8.79		
<b>12th</b>	Cbse	D.A.V. public sen sec school bharoli distt. Kangra H.P.	94.2	2015	Biology,physics,chemistry, english,computers
<b>10th</b>	H.p. board	S.V.M. public school distt. Kinnaur H.P.	84.4	2013	Hindi,english,maths,science, sanskrit,computer,social science

**Workshop/Training:**

- ◆ 15 days internship at Mount Kailash Processed foods pvt. Ltd. H.P. in milk and milk products processing

**Curricular/Extra-Curricular Activity:**

- ◆ Volunteered for community reachout for public welfare spreading awareness regrading nutritional labelling and packaging of food products
- ◆ Represented food technology girls chess team
- ◆ Represented food technology girls kabaddi team

**Name:** Rishabh Singh  
**Date of Birth:** 1996-10-13  
**Permanent Address:** P-52, Welcome, Seelampur-3, Delhi-53  
**Current Address:** P-52, Welcome, Seelampur-3, Delhi-53



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya College of Applied Science	Sem 1: 6.18, Sem 2: 7.45 Sem 3: 7.57, Sem 4: 7.29		
<b>12th</b>	Central Board of Secondary Education	H.M.D.A.V. Sr. Sec. School	89%	2014	Physics, Chemistry, Biology, Mathematics, English
<b>10th</b>	CBSE	D.A.V. Sr. Sec. School No.-2	9	2012	English, Mathematics, Science, Social Science, Hindi

**Name:** Hephzibah Saji  
**Date of Birth:** 1997-06-30  
**Permanent Address:** Flat No. 120,Sfs Flats,Sector-2,Pocket -1,Dwarka,New Delhi -110075  
**Current Address:** Flat No. 120,Sfs Flats,Sector-2,Pocket -1,Dwarka,New Delhi -110075

**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	Delhi university	Bhaskaracharya college of applied sciences	Sem 1: 7.73, Sem 2: 9.27 Sem 3: 9.36, Sem 4: 9.79		
<b>12th</b>	Cbse	St. Gregorios school	91.33%	2015	Physics,Chemistry,Maths, Biology,English
<b>10th</b>	Cbse	St. Gregorios School	9.8	2013	Science,social studies, maths, English, Sanskrit

**Workshop/Training:**

- ◆ Completed training course in Food and beverage analysis(microbiological and chemical) in FICCI research and analysis centre in June 2017
- ◆ Attended workshop for Total analytical solutions for cereals technologists on October 2016
- ◆ Attended training program for street food volunteers under surakshit Khadiya abhi yang by CII
- ◆ Attended and completed a training program on Craft bakers under the prabhat mantra kaushal Vigyan yojana in December 2015

**Curricular/Extra-Curricular Activity:**

- ◆ Awarded certificate of honour from Delhi university for acquiring 1st position in bhaskaracharya college of applied sciences
- ◆ Presented an poster on review article on food coating and lacquers in a national conference held by AFSTI and Amity university
- ◆ Awarded certificate of appreciation for presenting one of the best new product development from waste products (agro waste)
- ◆ Won an essay writing competition on women entrepreneurs conducted by North East cell of bhaskaracharya college
- ◆ Won pot decoration competition conducted by fine arts society of bhaskaracharya college on september 2017
- ◆ Won intra departmental traditional recipe making competition twice conducted by bhaskaracharya college
- ◆ Won gold medal in intra departmental cricket and kabbadi matches in September 2017
- ◆ Contributed and volunteered for community outreach program to create awareness among people on nutrition labelling and food packaging

**Name:** Asha Panwar  
**Date of Birth:** 1997-01-30  
**Permanent Address:** Rz-D-58, Pratap Garden, Uttam Nagar, New Delhi-110059  
**Current Address:** Rz-D-58, Pratap Garden, Uttam Nagar, New Delhi-110059



**Academic Qualification:**

	University/ Board	Institution	Percentage / CGPA	Year of Passing	Subjects/Stream
<b>B.Sc. (Hons)</b>	Delhi university	Bhaskaracharya college of applied sciences	Sem 1: 7, Sem 2: 7.09 Sem 3: 7.64, Sem 4: 6.86		
<b>12th</b>	Cbse	Indira ideal school	91.75	2015	Biology, chemistry, physical education, maths, physics, Eng
<b>10th</b>	Cbse	New holy public school	9	2013	Hindi, English, maths, science, social science

**Workshop/Training:**

- ◆ Taken a one week course on craft bakers from assocom institute.
- ◆ Attended the street food volunteer training program.
- ◆ Completed a training course at ficci.
- ◆ Attended 1 day workshop on cloud computing.

**Curricular/Extra-Curricular Activity:**

- ◆ A member of fine arts club and wrk as volunteer.
- ◆ Taught home tuitions to pls 8,9,10,11th for last 3 years.
- ◆ Participated in national seminar.
- ◆ Volunteered on annual sports day.
- ◆ Participated and volunteered in world food day.(2017)
- ◆ Participated in intercollegiate food and nutrition competition

**Name:** Shiva Sachan

**Date of Birth:** 2000-11-10

**Permanent Address:** Vill-Kusarjapur, Bhognipur, Kanpur Dehat (U.P)

**Current Address:**



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of delhi	Bhaskaracharya college of applied sciences	Sem 1: 4.64, Sem 2: 5.64 Sem 3: 5.86, Sem 4: 6.79		
<b>12th</b>	U.P Board	Maharshi D B L inter college	92.60%	2015	Physics, Chemistry, Maths
<b>10th</b>	U.P Board	Maharshi D B L inter college	89.6	2013	Hindi, english, maths, science, social science, geometry art

**Workshop/Training:**

- ◆ One month industrial training at the brewery unit of Carlesberg india pvt ltd.

**Name:** Kunal Goswami  
**Date of Birth:** 1998-02-10  
**Permanent Address:** F-122 Street No.2,Ganga Vihar, Delhi-110094  
**Current Address:**



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of delhi	Bhaskaracharya college of applied sciences	Sem 1: 7.18, Sem 2: 8 Sem 3: 8.5, Sem 4: 8.79		
<b>12th</b>	C.B.S.E	Gandhi co-ed senior secondary school	85.20%	2015	Physics, Chemistry, Maths, Biology, English
<b>10th</b>	C.B.S.E	K.D.Field public school	9.6	2013	Hindi, english, maths, science, social science, sanskrit

**Workshop/Training:**

- ◆ One month industrial training in the bottling department of the brewery unit of carlsberg india pvt. Ltd.

**Curricular/Extra-Curricular Activity:**

- ◆ Represented my department in cricket, chess, Badminton
- ◆ Participated in many long runs(5km.), also secured 3rd place once in 5km. Run.

**Name:** Sheetal Katiyar  
**Date of Birth:** 1998-02-09  
**Permanent Address:** H.No. 171/289, Street No. 11, Shivji Park, Khanda Road, Gurgaon, Hr- 122001  
**Current Address:** H.No.171/289, Street No. 11, Shivji Park, Khanda Road, Gurgaon, Hr- 122001



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya College of Applied Sciences	Sem 1: 7.45, Sem 2: 9 Sem 3: 9.14, Sem 4: 9.36		
<b>12th</b>	Central Board of Secondary Education	Dev Samaj Vidyaniketan Sr. Sec. School	89.4	2015	Biology, Chemistry, Physics, English Core, Fine arts, Maths
<b>10th</b>	Central Board of Secondary Education	Sharda International School	10	2013	Science, Maths, Social Science, English, Hindi

**Workshop/Training:**

- ◆ One week course on Craft Bakers from AIBTM under PMKVKY
- ◆ Street Food Volunteer Training Program: Level 1 under Surakshit Khadya Abhiyan
- ◆ Workshop on Total Analytical Solutions for Cereal Technologist
- ◆ Vocational Food Analysis Industrial Training of 30 days at FICCI Research & Analysis Centre

**Curricular/Extra-Curricular Activity:**

- ◆ 3rd position in college in poster making Competition by AFSTI (Delhi Chapter).
- ◆ President of Akriti- The Fine arts club of the college
- ◆ 1st position in college in Tattoo Making Competition organized by Akriti
- ◆ 1st position in college in T-shirt and Cap Designing Competition on occasion of Rashtriya Ekta Saptah
- ◆ 3rd position in Prop it up, at Shaheed Rajguru College of Applied Sciences for women
- ◆ Event Coordinator at Annual Cultural Festival, Srijan
- ◆ 15 days Training Program in Self Defence Techniques conducted by Special Police Unit for Women and Children
- ◆ Gold medal in Interdepartmental cricket tournament.
- ◆ Gold medal in Interdepartmental kabaddi.

**Name:** Nidhi Somia Lakra

**Date of Birth:** 1994-03-28

**Permanent Address:** 250 Ward No.-6, Sagar Apartment, Islam Colony Road, Mehrauli, New Delhi -110030

**Current Address:** 250 Ward No.6, Sagar Apartment, Islam Colony Road, Mehrauli, New Delhi-110030



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	Delhi University	Bhaskaracharya College of Applied Sciences	Sem 1: , Sem 2: 6.95 Sem 3: , Sem 4: 8.54		
<b>12th</b>					
<b>10th</b>					

**Workshop/Training:**

- ◆ training in self defence technique by special police unit for women and children, Nanakpura, Moti Bagh, New Delhi- 110021
- ◆ participated in a workshop on total analytical solutions for cereal technologist on 20Oct, 2016
- ◆ did summer internship 2017 in Delhi Milk Scheme, Shadipur for 21 days
- ◆ did winter internship in Enrich Agro Foods Products Pvt. Ltd. for 1 month

**Curricular/Extra-Curricular Activity:**

- ◆ participated in seminar on change the future of migration: invest in food security and rural development on 16 oct, 2017
- ◆ participated in poster presentation in national food fest adroit 2017 at College of Food Processing and Bio Energy, Anand Agricultural University, Gujarat
- ◆ participated in new product development competition in national food fest adroit 2017 at College of Food Processing and Bio Energy, Anand Agricultural University, Gujarat
- ◆ attended lecture on startup scheme for budding women entrepreneurs on 4 feb, 2017
- ◆ attended conference on traditional foods for healthier nations on 16oct, 2016
- ◆ attended national seminar on social protection and agriculture- role of co-operations and food processing industries on 16 oct,2016

**Name:** Prachi Chaudhary  
**Date of Birth:** 1995-11-06  
**Permanent Address:** Rz-J Block 58/220 West Sagarpur New Delhi 110046  
**Current Address:** Rz-J Block 58/220 West Sagarpur New Delhi 110046



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	university of delhi	bhaskaracharya college of applied science	Sem 1: 6.18, Sem 2: 7.27 Sem 3: 8, Sem 4: 7.79		
<b>12th</b>	board of high school and intermediate education u.p	s a i c baradih awarikala ballia	85.8	2014	hindi, english, physics, chemistry, biology, physical edu
<b>10th</b>	center board of school education	sarvodaya g sss c block janakpuri	8	2011	hindi,english,mathematics, science, socialscience, sanskrit

**Workshop/Training:**

- ◆ haldiram ethinic foods pvt. ltd.
- ◆ assocom institute of bakery technology and management.
- ◆ total analytical solutions for cereal technologist.workshop on bcas star college scheme and also participated in better process control school for manufacturing low acid canned and acidified foods.
- ◆ street food volunteer training program train the trainer module. and participated in traditional foods for healthier nations.
- ◆ participated in nutrition awareness activity 2015. and participated in assosiation of food scientists and technologists.

**Curricular/Extra-Curricular Activity:**

- ◆ secured 3rd position in 400m relay.
- ◆ secured 2nd position in kabaddi.
- ◆ discipline volunteer in the annual college cultural fest srijan.
- ◆ training in self defence techniques by delhi police.
- ◆ secured 1st position in badminton dobles.
- ◆ participated in north east cell.
- ◆ secured 2nd position in t-shirt and cap designing.
- ◆ secured 1st position in recipe contest.
- ◆ participated in women development cell.

**Name:** Hemant Kumar  
**Date of Birth:** 1998-03-15  
**Permanent Address:** D-163/B, Raj Nagar-2, Palam Colony, New Delhi, Delhi-110077  
**Current Address:** D-163/B, Raj Nagar-2, Palam Colony, New Delhi, Delhi-110077



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya college of applied sciences	Sem 1: 6.73, Sem 2: 6.91 Sem 3: 7.93, Sem 4: 7.79		
<b>12th</b>	Central board of secondary education	Delhi jain public school	79%	2015	English, mathematics, physics, chemistry, biology
<b>10th</b>	Central board of secondary education	R C S D Modern public school	8.2	2013	Hindi, english, mathematics, science, social science

**Workshop/Training:**

- ◆ Completed the vacational food analysis industrial training course of 30 days at FICCI research & analysis centre.

**Name:** Sumit Bansal  
**Date of Birth:** 1996-02-06  
**Permanent Address:** C 291 Street No. 7 Janakpuri, Sahibabad, Ghaziabad-201005  
**Current Address:**



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi/CBCS	Bhaskaracharya College of Applied Sciences	Sem 1: 7.82, Sem 2: 8.73 Sem 3: 8.29, Sem 4: 8.64		
<b>12th</b>	CBSE	Ghaziabad Public School	86.80%	2015	English Core, Physics, Chemistry, Mathematics, phy educatio
<b>10th</b>	CBSE	Ghaziabad Public School	10	2013	English, Hindi, Mathematics, Social science, Science, CS

**Workshop/Training:**

- ◆ I volunteered at street food festival 2016 Under FSSAI, organised in New Delhi.
- ◆ I had been member of AFSTI-DELHI and attended the various workshops and seminar.
- ◆ I was part of Surakshit Khadya Abhiyan and serve as volunteer and attended the relative workshop.
- ◆ I participated in one week bakery workshop in December 2015 at AIBTM Laxmi Nagar under NSDC and PKVY.

**Curricular/Extra-Curricular Activity:**

- ◆ I participated in various cooking competitions in lady Irwin college and BCAS.
- ◆ I participated in poster making competition at world food day seminar.
- ◆ I was a member of Aakriti-fine arts club and participated in various art & creative competitions.

**Name:** Vinay Kumar  
**Date of Birth:** 1994-07-17  
**Permanent Address:** New Friends Colony Sohna Gurugram 122103  
**Current Address:** New Friends Colony Sohna Gurugram 122103



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	Cbcs/university of delhi	Bhaskaracharya college of applied sciences	Sem 1: 5.6, Sem 2: 7.4 Sem 3: 7.6, Sem 4: 8		
<b>12th</b>	Cbse	Yaduvanshi shiksha niketan mohindergarh haryana	80.6	2014	Physics , chem , bio, english, music
<b>10th</b>	Cbse	Asian public school sohna gurugram	7 6	2012	Hindi, eng, maths, science, social science

**Workshop/Training:**

- ◆ Member of afsti delhi ... Participate in many events, innovation projects

**Name:** Lakshita Sharma

**Date of Birth:** 1997-03-12

**Permanent Address:** House No. 369, Dda Flats, Group 2, Hastsal, Vikaspuri, New Delhi 59

**Current Address:**



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya college of applied sciences	Sem 1: 7, Sem 2: 8.27 Sem 3: 7.93, Sem 4: 6.29		
<b>12th</b>	CBSE	Rashtra Shakti Vidyalaya, Uttam nagar	82.33%	2015	English, Physics, Chemistry, Biology, Maths, Physical Edu.
<b>10th</b>	CBSE	Rashtra shakti vidyalaya	9.6	2013	English, Hindi, Maths, Science , Social Studies

**Workshop/Training:**

- ◆ Delhi milk scheme, industrial training during the period from 1st june 2017 to 30th june 2017
- ◆ Mother dairy fruits and vegetable unit, winter training in quality control deptt during the period from 12th december 2016 to 27th december 2016
- ◆ Street food volunteer training program level 1, surakshit khadya abhiyan conducted by cii face
- ◆ Nutrition awareness activity by protein foods and nutrition development association of india with afsti delhi chapter
- ◆ Environmental health sensitization workshop by the wellcome trust/dbt india alliance and centre of environmental health, public health foundation of india

**Curricular/Extra-Curricular Activity:**

- ◆ Third position in anuvrat essay writing competition (2009)
- ◆ Third position in anuvrat naitik geet gayan pratiyogita (2011)
- ◆ Third position in sanskrit kavyali competition (2012)
- ◆ First position in science quiz (2013)
- ◆ Gold medal certificate in avantika talent search essay competition (2012)
- ◆ 2nd position in zonal school competition in sanskrit recitation
- ◆ First position in picture composition
- ◆ Third position in sanskrit kavyali competition by delhi sanskrit academy
- ◆ Participated in bhartiya gyaan pariksha in 2011
- ◆ B+ grade in all india talent search examination in 2008

**Name:** Kavya Nair  
**Date of Birth:** 1997-05-20  
**Permanent Address:** 155, Second Floor, Pocket-9, Sector-24, Rohini, Delhi-110085  
**Current Address:** 155, Second Floor, Pocket-9, Sector-24, Rohini, Delhi-10085



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya college of applied sciences	Sem 1: 7.18, Sem 2: 8.55 Sem 3: 9, Sem 4: 8.1		
<b>12th</b>	CBSE	Prestige convent senior secondary school	87.66%	2015	English, Physics, Chemistry, Biology, Mathematics, Physical
<b>10th</b>	CBSE	Prestige convent senior secondary school	9.6	2013	English, Mathematics, Science, Social Science, Hindi

**Workshop/Training:**

- ◆ Internship for 15 days at Safal, Mother dairy, fruits and vegetables unit. Learnt about cut veg section there and also about IQF of peas and maize.
- ◆ Volunteered at better process control training program held under USFDA.
- ◆ Attended workshops for street food vendors under CII.
- ◆ Attended and participated in many workshops of bakery technology, GMPs, world food day and also associated with AFSTI as a student member.

**Curricular/Extra-Curricular Activity:**

- ◆ Trained bharatnatyam dancer (10 years). Won many dance competitions at district and state levels. Have certificates for two certificates under prayag samiti.
- ◆ learnt karnatic vocal for two years. Won many prizes at zonal levels.
- ◆ Won english debate competitions at zonal and district levels.
- ◆ Keen interest in writing. Poems and content writing. Participated in many article writing competitions. Work can be checked on instagram profile @i\_kavyanair

**Name:** Nidhi Ahlawat  
**Date of Birth:** 1997-06-13  
**Permanent Address:** Rz-9, Nathurampark, Tehsil Road, Najafgarh, New Delhi - 110043  
**Current Address:** Rz -9, Nathurampark, Tehsil Road, Najafgarh, New Delhi - 110043



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	DU	Bhaskarcharya college of applied sciences	Sem 1: 7.18, Sem 2: 8.55 Sem 3: 9, Sem 4: 9.36		
<b>12th</b>	CBSE	St.Gregorios school, dwarka , sec-11	89.3	2015	Mathematics, Biology, Chemistry, Physics, English
<b>10th</b>	CBSE	St.Gregorios school, dwarka , sec- 11	9.8	2013	Maths, Physics, Chemistry, Biology, Social Science, English, Hindi

**Workshop/Training:**

- ◆ 1 month internship in haldiram ethnic food plant in noida
- ◆ 15 days bakery workshop under ASSCOM at laxmi nagar

**Curricular/Extra-Curricular Activity:**

- ◆ Played kabaadi in college departmental games

**Name:** Vrinda Agarwal  
**Date of Birth:** 1997-04-07  
**Permanent Address:** H.No.11 Milan Vihar Delhi Road Moradabad, U.P.  
**Current Address:** E-525 Dda Flats Bindapur Pocket 3 Dwarka New Delhi



**Academic Qualification:**

	University/ Board	Institution	Percentage / CGPA	Year of Passing	Subjects/Stream
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskacharya college of applied sciences	Sem 1: 6.91, Sem 2: 8.27 Sem 3: 8.79, Sem 4: 7.71		
<b>12th</b>	Cbse	St. Mary's senior secondary school	89.20%	2015	Physics, chemistry, biology, English, home science
<b>10th</b>	Cbse	St. Mary's senior secondary school	9.6	2013	Science, mathematics, hindi, english, computers, sst

**Workshop/Training:**

- ◆ Bakery workshop
- ◆ 1 month training in U.S Foods ltd. Gajrola
- ◆ Training in Taj sats air catering company, new delhi

**Curricular/Extra-Curricular Activity:**

- ◆ Eca creative team coordinator
- ◆ Music society member
- ◆ Done Food safety awareness program in schools
- ◆ Done Plastic survey

**Name:** Sheetla Prasad  
**Date of Birth:** 1997-06-07  
**Permanent Address:** R 69 Raghbir Nagar New Delhi 27  
**Current Address:**



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of delhi	Bhaskracharya college of applied sciences	Sem 1: 6.45, Sem 2: 7.18 Sem 3: 7.71, Sem 4: 7.64		
<b>12th</b>	Cbse	Rpvv A6 paschim vihar	85.2	2015	Non medical
<b>10th</b>	Cbse	Rpvv A6 paschim vihar	9	2013	Maths, science, hindi, Sankranti , English , social studies

**Name:** Amit Singh  
**Date of Birth:** 1995-10-04  
**Permanent Address:** 275 Triveni Nagar Naini Allahabad (U.P)  
**Current Address:**



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	Univeraity of delhi	Bhaskaracharya college of applied sciences	Sem 1: 4.64, Sem 2: 6.27 Sem 3: 6.71, Sem 4: 6.29		
<b>12th</b>	U.P Board	HLP Maharishi valmiki inter college	81	2014	Physics, Chemistry, Maths
<b>10th</b>	C.B.S.E	Sanskar international school	7.4	2011	Hindi, english, maths, science, social science

**Workshop/Training:**

- ◆ Industrial Training at Delhi Milk Scheme

**Curricular/Extra-Curricular Activity:**

- ◆ Diploma in computer application and programming (D.C.A.P)
- ◆ Course on computer concepts (C.C.C)

**Name:** Srajal Singh

**Date of Birth:** 1997-01-15

**Permanent Address:** Town Post Kursath, Mohalla Ashok Nagar, Tehsil Bilgram, Hardoi, 241126

**Current Address:**



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of delhi	Bhaskaracharya college of applied sciences	Sem 1: 6.36, Sem 2: 8.27 Sem 3: 8.36, Sem 4: 7.14		
<b>12th</b>	C.B.S.E	Lucknow Public School, Lucknow	86.4	2014	Physics, Chemistry, Maths, Informatic Practices, English
<b>10th</b>	C.B.S.E	Lucknow Public School, Lucknow	10	2012	Hindi, english, maths, science, social science, Computer

**Name:** Neha Singh Chauhan  
**Date of Birth:** 1996-07-13  
**Permanent Address:** 523/1 Tihar Jail Hari Nagar, New Delhi- 64  
**Current Address:** 523/1 Tihar Jail Hari Nagar, New Delhi- 64



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	Delhi university	Bhaskaracharya college of applied sciences	Sem 1: 7.45, Sem 2: 9 Sem 3: 9.21, Sem 4: 9.0 7		
<b>12th</b>	CBSE	Kendriya vidyalaya	87.2	2014	English, Hindi, physic, biology, chemistry
<b>10th</b>	Cbse	Kendriya vidyalaya	9.4	2012	Hindi, English, math, science, social science

**Workshop/Training:**

- ◆ Three weeks Training at Delhi Milk Scheme plant from 29 may'17 to 19 June'17.
- ◆ Attended a workshop on bakery products- learnt to make different icings, and bakery products like cakes, brownies cookies,etc.
- ◆ Workshop on total analytical solutions for cereal technologist - learnt the different analytical methods to access the quality of cereal grains.
- ◆ 15 days training in BTW pvt. Ltd.- learnt chemical analysis of different sweets, savoury and bakery products; established 5s in various sections to a better extent.
- ◆ Fifteen days Training in self-defense Techniques. Student coordinator in " women development cell" for year 2016-17

**Curricular/Extra-Curricular Activity:**

- ◆ First positon in poster competition at seminar on "change the future of migration: invest in food security and rural development" on world food day
- ◆ First positon in poster competition at seminar on "Traditional Foods for Healthier Nation" on world food day
- ◆ First positon in the poster making competition held on college
- ◆ Street food volunteer training program level 1, surakshit khadya abhiyan conducted by CII face
- ◆ Third positions in "prop it up" - intercollege competition held on 21oct,2016
- ◆ Second position in Traditional and north east food competitions held on 25jan,2017
- ◆ Second position in kabaddi competition
- ◆ Participated in quiz competition organized on 2sep,2016 at lady Irwin college
- ◆ Volunteered in various seminars
- ◆ Awarded " student of the year" in 12th class

**Name:** Nikita Yadav  
**Date of Birth:** 1997-07-08  
**Permanent Address:** Vill. Kharkhari,P.O. Baslambi,Gurgaon , Haryana  
**Current Address:** Vill. Kharkhari,P.O. Baslambi,Gurgaon , Haryana



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya college of applied sciences	Sem 1: 6.91, Sem 2: 7.73 Sem 3: 8.36, Sem 4: 8.79		
<b>12th</b>	CBSE	Jawahar Navodaya vidyalaya , Mewat	88.4	2014	Physics, chemistry, biology, English, hindi
<b>10th</b>	Cbse	Jawahar Navodaya vidyalaya , Gurgaon	8.8	2012	Hindi, English ,math , science, social science

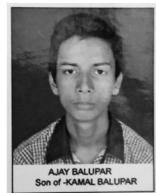
**Workshop/Training:**

- ◆ Internship at enrich agro food products Ltd(udyog vihar)for 20 days.
- ◆ Internship at Haldiram Manufacturing Co Pvt LtdNH8,Kherki Daula for one month
- ◆ Participated in workshop on women entrepreneurship.
- ◆ Participated in surakshit khadya abhiyaan workshop

**Curricular/Extra-Curricular Activity:**

- ◆ 1st runner-up in pot decoration competition.

**Name:** Ajay Balupar  
**Date of Birth:** 1997-08-05  
**Permanent Address:** D-408,Street No-58,Mahavir Enlave-3,Near Dwarka Sec-2,New Delhi-11005  
**Current Address:** D-408,Street No-58,Mahavir Enlave-3,Near Dwarka Sec-2,New Delhi-11005



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	Delhi University	Bhaskaracarya college of applied sciences	Sem 1: 5.64, Sem 2: 7 Sem 3: 7.07, Sem 4: 6.21		
<b>12th</b>	Central Board of Secondary Education	Govt Boys Sr Sec School bindapur new delhi-59	75	2015	Physics,chemistry,biology
<b>10th</b>	Central board of secondary education	Govt Boys Sr Sec School Bindapur new delhi-59	7.8	2013	Science,Maths,Hindi,English, Social Science

**Workshop/Training:**

- ◆ Training in Carlsberg Brewery(Alwar Rajasthan)

**Name:** Kajal Rani  
**Date of Birth:** 1997-09-17  
**Permanent Address:** Village -Bhodipura, Distt. -Bathinda, Pin Code -151108,Punjab  
**Current Address:** Mahavir Enclave Part 3,New Delhi



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya College of applied sciences	Sem 1: 6.98, Sem 2: 8.72 Sem 3: 9, Sem 4: 9		
<b>12th</b>	Punjab school education board	Govt. College for Girls, Ludhiana	95.7	2015	chemistry, physics, mathematics, punjabi, etc.
<b>10th</b>	Punjab school education board	Anand Isher Public School, Dina sahib	82.6	2013	social sciences, science, Punjabi, English, Hindi, etc.

**Workshop/Training:**

- ◆ Nestle India Pvt. Ltd., Moga, Punjab (Dec. 2016-Jan. 2017) under FMPDD department .I learnt the pre -operations for better quality milk.
- ◆ TAJSATS air catering company, New Delhi Railway (June and 2017 -July and 2017) , under Quality Assurance deptt. I learnt microbial testing of food products, sorting and grading of vegetables and fruits, etc.
- ◆ Volunteer for USFDA (March 2016)

**Curricular/Extra-Curricular Activity:**

- ◆ Sports -Race, kho -kho
- ◆ Music society
- ◆ student member of AFSTI (Association of Food Scientists and Technologist of India)
- ◆ Member of Ambrosia (College society of food Tech.)

**Name:** Aditi Rohilla

**Date of Birth:** 1997-11-01

**Permanent Address:** House No-9, Ward No-7, Near Railway Station, Nawab Ganj, Haily Mandi, Gurgaon

**Current Address:** House No-9, Ward No-7, Near Railway Station, Nawab Ganj, Haily Mandi, Gurgaon



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya college of applied sciences	Sem 1: 6.91, Sem 2: 7.82 Sem 3: 7.93, Sem 4: 7.21		
<b>12th</b>	Central board of secondary education	Lord Krishna international school	87.20%	2015	English, Physical Education, Biology, Chemistry, Physics
<b>10th</b>	Central board of secondary education	Lord Krishna international school	8	2013	English, Hindi, Mathematics, Science, Social Science

**Workshop/Training:**

- ◆ Workshop of bakery and confectionery

# Department of Human Communication



As various media indicates that knowledge and application of Psychology and its principles is the need of hour. From academic performance to mob mentality and making sense of social fabric to understanding work behavior, Psychology helps in unraveling the underlying issues and suggesting possible solutions. It is a window to an inner world, which enriches the experience of the outer world. With its very innovative and indigenous means of learning, it helps students evolve better as an individual, student, professional and of course a better human being as well.

The department offers general elective (GE) papers in Psychology for all the undergraduate students seeking admission under CBCS. The papers taught so far include, “General Psychology”, “Youth Psychology”, “Psychology of Health and Well-being” and “Psychology and Media”. The course curriculum is taught with the help of lectures, group discussions, experiential exercises, group projects, presentations, flip classes, workshops and seminars. The unique course structure helps not only in academic excellence but also prepare students for vocational expertise that will further enhance one’s employability.

## Infrastructural facilities:

- a) Departmental Library
- b) Psychological Tests
- c) LCD Projector with Screen
- d) OHP
- e) Camera

## Faculty Details:

S.No	Name	Degree	Specialization
1	Dr. Madhulika Bajpai	M.Phil, Ph.D.	Psychology

## Department of Instrumentation



Instrumentation is a specialized field which deals with the science and technology of measurement that service not only physical, chemical and biological sciences; but also all branches of engineering and medicine. Bhaskaracharya College of Applied Sciences is the only co-educational college in the University of Delhi, offering a Bachelor of Sciences (Hons.) course in Instrumentation.

College has a specialized Instrumentation Laboratory which provides practical expertise to the students and trains them to design, develop, maintain and troubleshoot instruments that are being used in varied fields like Automation and Control, Process Industries, Medicine, Quality Control etc. The Laboratory is equipped with state of the art instruments like NI ELVIS-II Educational Laboratory Virtual Instrumentation Suite supported by LabVIEW full development system from National Instruments and NI USB Data Acquisition Card, to help students interface and integrate real time signals and data. It also has Multisim software to simulate electronic circuits and designs. The laboratory also acquaints students with devices used in Process and Control industries like ratio control trainer, differential pressure transmitter, circular chart recorder, dead weight tester, various flowmeters such as electromagnetic, orifice meter, ultrasonic etc. It also has advanced transducer and instrumentation trainer, temperature transducers, LVDT and strain gauge trainer, speed control of DC motor etc. Students learn to design and develop small projects on high performance microcontroller and microprocessor kits which are provided with interfacing modules like Temperature Controller, Keyboard, Elevator Simulator Interface, Stepper Motor, LCD etc. The Instrumentation Laboratory also boosts of training students in sophisticated biomedical and analytical Instruments like Microprocessor based UV-VIS Spectrophotometer, 3 to 6 Channel Electrocardiograph, Heart Rate Monitor cum ECG trainer, Respiration Rate Monitor etc.

### Faculty

Sr No	Name	Degree	Specialization
1	Dr. Geeta Bhatt (Teacher-in-Charge)	Ph.D	Semiconductor Thin Films

2	Ms. Gurkiran Kaur	M.Tech	Electronic Instrumentation & Control
3	Ms. Shweta Dua	M.Sc.	Bioelectronics & Instrumentation
4	Dr. Anil Kumar	Ph.D	Electronics, Integrated Optics
5	Mr. Pawan Kumar	M.Sc.	Electronics
6	Mr. Rakesh	M.Sc.	Electronics
7	Mr. Manoj Kumar	M.Sc.	Electronics
8	Dr. Amandeep Kaur	Ph.D	Electronics

Department of Instrumentation organized a lecture on “Polymer Solar Cell” on August 24, 2017 by Dr. Suresh Chand, Chief Scientist (Emeritus) and Head of Organic and Hybrid Solar Cell at CSIR-NPL. He is an internationally renowned scientist in the field of Organic Photovoltaics (OPVs). He told about his inventions in the field of solar cells using concepts of organic chemistry. He discussed the advantages and disadvantages of the plastic solar cells as compared to commercially using silicon solar cells. He also told about his invention “Ardhnareshwara Polymer Solar Cell”, which is the mixture of two different polymers. The lecture acquainted students with the advanced technologies in the field of Organic LEDs (OLEDs) and Inorganic LEDs. He shared his innovative ideas on how to make India’s future brighter. At last he answered all the queries asked by the students. Overall the lecture was very interactive and useful for the students which enhanced their knowledge.



## **Interaction with Industries/Institutes/R&D organizations**

AIMIL Instrumentation

Shriram Institute for Industrial Research

HEICO

National Instruments

Shimadzu Analytical India Pvt. Ltd.

Airport Authority of India

Sun Pharmaceuticals

Agilent Technology

Texas Instruments

ST Microelectronics

TCS

Larsen & Toubro Ltd.

General Electric

Wipro

Excel Technologies

Indian Oil Corporation

Oil and Natural Gas Corporation

Honeywell Automation

## **Syllabus of BSc.(H) Instrumentation**

<b>Semester 1</b>		<b>Semester 2</b>	
<b>Paper No.</b>	<b>Name</b>	<b>Paper No.</b>	<b>Name</b>
Core course-I	Basic Circuit Theory and Network Analysis	Core course-III	Analog Devices and Circuits
	Basic Circuit Theory and Network Analysis Lab		Analog Devices and Circuits Lab
<b>Semester 3</b>		<b>Semester 4</b>	
<b>Paper No.</b>	<b>Name</b>	<b>Paper No.</b>	<b>Name</b>
Core course-V	Biomedical Instrumentation	Core course-VIII	Operational Amplifiers and Applications
	Biomedical Instrumentation Lab		Operational Amplifiers and Applications Lab
Core course-VI	Digital Electronics and VHDL	Core course-IX	Analytical Instrumentation
	Digital Electronics and		Analytical Instrumentation

	VHDL Lab		Lab
Core course-VII	Engineering Mathematics	Core course-X	Electronic Instrumentation
	Engineering Mathematics Lab		Electronic Instrumentation Lab
<b>Semester 5</b>		<b>Semester 6</b>	
<b>Paper No.</b>	<b>Name</b>	<b>Paper No.</b>	<b>Name</b>
Core course-XI	Measurement Technology	Core course-XIII	Power Electronics
	Measurement Technology Lab		Power Electronics Lab
Core course-XII	Microprocessors	Core course-XIV	Control Systems
	Microprocessors Lab		Control Systems Lab

### **Discipline Specific Electives (DSE):-**

1. Concepts of Chemistry
2. Signal and Systems
3. Advanced Analytical Instrumentation
4. Communication System
5. Advanced Biomedical Instrumentation
6. Embedded System and Robotics
7. Process Control Dynamics
8. Reliability and Quality Control Techniques
9. Dissertation

### **Skill Enhancement Course (SEC) :-**

1. Programming in C
2. VLSI Design and Verification
3. Testing and Calibration
4. PLC and SCADA
5. Virtual Instrumentation
6. Programming using MATLAB

### **Generic Elective Papers (GE) for other Departments/Disciplines :-**

1. Sensors and Actuators
2. Electro-Mechanical Instruments
3. Instrumentation & Control
4. Analytical Instrumentation
5. Nuclear & Biomedical Instrumentation
6. Machine Intelligence

**Name:** Sudeep Agrahari  
**Date of Birth:** 1998-03-21  
**Permanent Address:** Vill&Post-Jamon,District-Amethi,U.P.-227801  
**Current Address:** 62C,Ber Sarai,New Delhi-110016



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskar acharya college of applied sciences	Sem 1: 7, Sem 2: 6.91 Sem 3: 8.07, Sem 4: 7.93		
<b>12th</b>	U.p. board	Sarvodaya science college	82	2015	Hindi,English,Physics, Chemistry,Maths
<b>10th</b>	U.p. board	Sarvodaya science college	82	2013	Hindi , English,Sanskrit, Science,Social Science,Maths

**Curricular/Extra-Curricular Activity:**

- ◆ Volunteering
- ◆ NSS
- ◆ Singing
- ◆ Drama

**Name:** Arun Kumar  
**Date of Birth:** 1998-02-17  
**Permanent Address:** 230, Sarang Vihar Balajipuram Mathura, Uttar Pradesh, 281006  
**Current Address:** 8/32, Srila Prabhupada Marg, Punjabi Bagh, New Delhi



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of delhi	Bhaskaracharya college of applied sciences	Sem 1: 5.97, Sem 2: 4.45 Sem 3: 7, Sem 4: 6.86		
<b>12th</b>	Cbse	Army public school mathura cantt	83.6	2015	Physics, Chemistry, Maths, Physical Education, English
<b>10th</b>	Cbse	Army public school mathura cantt	7.8	2013	Hindi, English, Maths, Science, Social Science

**Curricular/Extra-Curricular Activity:**

- ◆ In srijan 2k17 our college fest i participate as a discipline volunteer,
- ◆ In farewell 2017 i supported as a farewell management

**Name:** Ashish Gupta  
**Date of Birth:** 1997-09-29  
**Permanent Address:** C-8/261, Yamuna Vihar, Delhi - 110053  
**Current Address:**



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya College of Applied Sciences	Sem 1: 6.91, Sem 2: 6 Sem 3: 6.93, Sem 4: 7.5		
<b>12th</b>	Central Board of Secondary Education (CBSE)	Vivekanand School	81	2015	Physics, Chemistry, Mathematics, Computer Science, English
<b>10th</b>	Central Board of Secondary Education (CBSE)	Lovely Rose Public Secondary School	9.4	2013	Mathematics, Science, Sanskrit, English, Social Science

**Name:** Nishant Gupta  
**Date of Birth:** 1995-01-16  
**Permanent Address:** Gopal Ganj Bambi Road, Orai (Jalaun). Uttar Pradesh  
**Current Address:** Rzc-176, Madhu Vihar, New Delhi



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	bhaskaracharya college of applied sciences	Sem 1: 6.73, Sem 2: 7.27 Sem 3: 8.14, Sem 4: 8.29		
<b>12th</b>	CBSE	maharishi vidya mandir	85.4	2015	Physics,Chemistry, Mathematics,English,Physical Education
<b>10th</b>	CBSE	maharishi vidya mandir	9.4	2012	English, Hindi, Mathematics, Science, Social Science

**Name:** Dharmesh  
**Date of Birth:** 1998-01-08  
**Permanent Address:** Hno-2004, Pandit Mohalla, Alipur Garhi  
**Current Address:** Hno-2004, Pandit Mohalla, Alipur Garhi



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya College of Applied Sciences	Sem 1: 5.91, Sem 2: 6.45 Sem 3: 4.86, Sem 4: 6.43		
<b>12th</b>	CBSE	Government Boys Senior Secondary School	81.4	2015	Physics, Chemistry, Math, Biology, English
<b>10th</b>	CBSE	Government Boys Senior Secondary School	8.4	2013	Hindi, English, Math, Science, Social Science, Sanskrit

**Workshop/Training:**

- ◆ Successfully completed Digital Unlocked-The Online Marketing Fundamentals qualification, issued on 14/08/2017 by Google partnered with the Indian School of Business, Hyderabad & FICCI. The course consists of 23 modules covering wide range of subjects from marketing fundamentals:search, email,social media,display,video,e-commerce,geo-targeting and analytics.
- ◆ Attend One Day Orientation Programme on "Role of Youth in Combating Climate Change" held on July 15,2014 at Mahatma Gandhi Institute for Combating Climate Change located in Bakoli, Alipur Delhi-110036.

**Curricular/Extra-Curricular Activity:**

- ◆ Participated in annual cultural festival named as " Songs of India" as volunteer of creative team which was held on 07/08/2016.

**Name:** Satyam Sati  
**Date of Birth:** 1999-05-25  
**Permanent Address:** Rza-138 Jai Vihar Nangloi Road Najafgarh New Delhi-110043  
**Current Address:** Rza-138 Jai Vihar Nangloi Road Najafgarh New Delhi-110043



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya College of Applied Sciences	Sem 1: 5.6, Sem 2: 5 Sem 3: 5, Sem 4: 4.86		
<b>12th</b>	CBSE	kamal model sr sec school	86.66	2015	Physics, Chemistry, Maths, English, Hindi, Phy. Edu.
<b>10th</b>	CBSE	kamal model sr sec school	79.8	2013	English, Hindi, Maths, Science, Social Science

**Curricular/Extra-Curricular Activity:**

- ◆ played inter college volleyball tournament.
- ◆ won gold medal in volleyball inter-departmental tournament.. senior member of college volleyball team (libero).
- ◆ member of department cricket team (wicketkeeper/batsman)

**Name:** Akash Tanwar  
**Date of Birth:** 1997-01-29  
**Permanent Address:** Wz-441 Basai Dara Pur, New Delhi-110015  
**Current Address:** Wz-441 Basai Dara Pur, New Delhi-110015



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya college of applied science	Sem 1: 6.18, Sem 2: 7.36 Sem 3: 7.5, Sem 4: 8.14		
<b>12th</b>	Central board of secondary education	Cambridge foundation school	83.40%	2015	Chemistry, physics, mathematics, english, computer science
<b>10th</b>	Central board of secondary education	Cambridge foundation school	76%	2013	Science, social science, english, mathematics, hindi

**Name:** Surbhi Chauhan  
**Date of Birth:** 1997-02-10  
**Permanent Address:** C-175, Aashiyana colony phase-1st, Moradabad  
**Current Address:** A-142, Palam extension, behind Bharti Nursing Home, Gali 4, Dwarka Sector - 7



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya college of applied sciences	Sem 1: 6.9, Sem 2: 7.5 Sem 3: 6.8, Sem 4: 7.4		
<b>12th</b>	CBSC	R.R.K School, Moradabad	88.6	2015	Maths, Physics, Chemistry, English, Physical Education
<b>10th</b>	CBSC	R.R.K School	8.8	2013	Maths, Social Studies, Hindi, English, Science

**Curricular/Extra-Curricular Activity:**

- ◆ Participated in college basketball match.
- ◆ Participated in college Cricket match.
- ◆ Worked as a volunteer in cleanliness drive, Organised by ENACTUS in 2016.
- ◆ Worked as a volunteer in UMEED, a drop of hope in 2016.
- ◆ Working as an ed-support Volunteer in Make A Difference.

**Name:** Namrata Singh  
**Date of Birth:** 1997-10-17  
**Permanent Address:** 147/17 Savitri Nagar Opposite Malviya Nagar, New Delhi-1100017  
**Current Address:** 147/17 Savitri Nagar Opposite Malviya Nagar, New Delhi-1100017



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya College of Applied Sciences	Sem 1: 6.91, Sem 2: 7.82 Sem 3: 6.86, Sem 4: 7.79		
<b>12th</b>	CBSE	Chinmaya Vidyalaya	87.6	2015	Physics, Chemistry, Maths, Economics, English, Physical Education
<b>10th</b>	CBSE	Chinmaya Vidyalaya	10	2013	English, Sanskrit, Mathematics, Science & Social Science

**Workshop/Training:**

- ◆ I am currently working at the Loyalty Square company (content writing).

**Curricular/Extra-Curricular Activity:**

- ◆ I am good at sports. I have played inter- Chinmaya, CBSE, Zonal basketball matches in my school days . I have always been active in participating in any kind of sports related activities. In college too I have played inter-du matches .
- ◆ At the college level I have played basketball & cricket matches. I have a good collection of medals in different fields of sports.
- ◆ I am good at singing too. I am currently in the music society of my college.
- ◆ I am a YouTuber too.

**Name:** Jayant Dixit  
**Date of Birth:** 1998-08-20  
**Permanent Address:** 538K/1043 Triveni Nagar 3Rd Sitapur Road, Lucknow, Uttar Pradesh.  
**Current Address:** Flat No.201 S-98 Parampuri Road Uttam Nagar West, New Delhi.



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University Of Delhi	Bhaskaracharya College of Applied Sciences	Sem 1: 4.83, Sem 2: 4.93 Sem 3: 6.93, Sem 4: 6.93		
<b>12th</b>	Indian School Certificate Examination	City Montessori School	90	2015	Maths,Physics,Chemistry, English,Computer Sciences.
<b>10th</b>	Indian School Certificate Examination	City Montessori School	83.6	2013	Maths,Science,English, Computer,General Sciences.

**Name:** Shubham Gupta  
**Date of Birth:** 1998-07-02  
**Permanent Address:** Rz-531/405, Street No. 15, Shivpuri, West Sagar Pur, New Delhi-110046  
**Current Address:** Rz-531/405, Street No. 15, Shivpuri, West Sagar Pur, New Delhi-110046



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya college of applied sciences	Sem 1: 5.36, Sem 2: 6.27 Sem 3: 5.29, Sem 4: 6.5		
<b>12th</b>	central board of secondary education	Rajkiya pratibha vikas vidyalaya, Sec-10, Dwarka.	85	2015	Science
<b>10th</b>	central board of secondary education	Rajkiya pratibha vikas vidyalaya, Sec-10, Dwarka.	10	2013	Science, Maths, Social Studies, English, Hindi, Sanskrit.

**Workshop/Training:**

- ◆ Marketing Internship with StandAds from 1st May 2017 to 30th May 2017
- ◆ Participated in Adobe Photoshop, premiere pro and Illustrator training program organised by StandAds from 3rd June 2017 to 28th June 2017
- ◆ Working as Marketing Head of StandAds.

**Curricular/Extra-Curricular Activity:**

- ◆ Active member of Dramatics club of BCAS for 2 year and performed various plays in different colleges of University of Delhi and other universities as well
- ◆ Organised Street Play event in Annual cultural fest Srijan of BCAS
- ◆ President of Dramatics Club In BCAS for upcoming session 2017-18.  
We perform Theatre Arts this includes Skits, Street plays and Drama.
- ◆ Best Actor Award in Udaan, Street play event Among 50 Colleges of University of Delhi
- ◆ Attended 3 days workshop in National school of Drama regarding basic of Indian Theatre
- ◆ I was handling the post of Head boy during my 10+2 studies.

**Name:** Vikrant Gupta  
**Date of Birth:** 10/12/1996  
**Permanent Address:** Village-Lakhipur Post-Sonawan Viapost-Khemapur District-Ambedkar Nagar , Up  
**Current Address:** House No. 95 Near Pathwari Mandir Azadpur Village Delhi 110033



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya College of Applied Sciences , DWARKA SECTOR-2	Sem 1: 7, Sem 2: 6.73 Sem 3: 6.5, Sem 4: 7.07		
<b>12th</b>	Central Board Of Secondary Education Delhi	Rajkiya Pratibha Vikas Vidyalaya Civil Lines Delhi	82	2015	English,Mathematics,Physics, Chemisrty,Biology
<b>10th</b>	Central Board Of Secondary Education Delhi	Govt Boys Sr Sec School Azadpur Colony Delhi	8.8	2013	English,Mathematics,Hindi, Social Science,Science, Sanskrit

**Name:** Vichar Nath Ojha  
**Date of Birth:** 1996-12-04  
**Permanent Address:** Village+Post-Talwal, District-Ghazipur, Uttar Pradesh , 233001  
**Current Address:** C-132 Vrindavan Garden , Sahibabad , Ghaziabad, Uttar Pradesh,201005



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya College of Applied Sciences	Sem 1: 7.18, Sem 2: 8.55 Sem 3: 8.93, Sem 4: 8.5		
<b>12th</b>	Council For The Indian School Certificate Examinations	St. John's School, Ghazipur	84.60%	2014	English, Mathematics, Physics, Chemistry, Computer Science
<b>10th</b>	Council For The Indian School Certificate Examinations	St. John's School, Ghazipur	82.40%	2012	Eng, Hindi, Maths, E.Ed, Science, (Hcs, Geo), Computer

**Workshop/Training:**

◆ No

**Curricular/Extra-Curricular Activity:**

◆ DISCIPLINE VOLUNTEER

**Name:** Dhairyा Gupta  
**Date of Birth:** 1997-12-26  
**Permanent Address:** B-29 East Jyoti Nagar Loni Road Shahdara Delhi 110093  
**Current Address:** B-29 East Jyoti Nagar Loni Road Shahdara Delhi 110093



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya College of Applied Sciences	Sem 1: 7.55, Sem 2: 7.82 Sem 3: 8.36, Sem 4: 7.14		
<b>12th</b>	CBSE	BHAI PARMANAND VIDYA MANDIR	82.4	2015	English,Mathematics, Chemistry,Biology,Physics
<b>10th</b>	CBSE	BHAI PARMANAND VIDYA MANDIR	9.8	2013	English,Hindi,Mathematics, Social Sciences, Science

**Name:** Komal Sharma  
**Date of Birth:** 1995-08-21  
**Permanent Address:** D1/89 Mansa Ram Park ,New Delhi-11059  
**Current Address:** D1/89 Mansa Ram Park ,New Delhi-11059



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	Delhi	Bhaskaracharya College of Applied Science	Sem 1: 8, Sem 2: 8.09 Sem 3: 9, Sem 4: 9.79		
<b>12th</b>	CBSE	Spring Meadows Public School	83.3	2014	Science -Non Medical
<b>10th</b>	CBSE	Spring Meadows public School	8.6	2012	English, Hindi, Mathematics, Science, Social Science

**Workshop/Training:**

- ◆ Volunteer in NAAC
- ◆ Certificate in NSS for plantation

**Name:** Kishan Gupta  
**Date of Birth:** 1997-02-27  
516  
**Permanent Address:** Katra Chand Khan Old City Bareilly  
**Current Address:** Flat No. 62 Bhaskar Apartment Dda Flats Sector-2 New Delhi



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya college of applied sciences	Sem 1: 55.9, Sem 2: 55.5 Sem 3: 61.4, Sem 4: 58.6		
<b>12th</b>	Up board	Ssv inter college bareilly	79.8	2015	Hindi,english,mathematics, physics,chemistry
<b>10th</b>	Up board	Ssv inter college	76	2013	Hindi,english,mathematics, social study,drawing,science

**Curricular/Extra-Curricular Activity:**

- ◆ Eca technical head team
- ◆ Yuva
- ◆ Youth for seva ngo

**Name:** Amit Sharma  
**Date of Birth:** 1997-10-19  
**Permanent Address:** 2/448 Suhag Nagar, Firozabad.  
**Rz -D27A Gali No - 3 House No- 27 Syndicate Enclave, Dabri Mor**  
**Current Address:** Rz -D27A Gali No - 3 House No- 27 Syndicate Enclave, Dabri Mor



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya College of Applied Sciences	Sem 1: 6.73, Sem 2: 6.21 Sem 3: 5.21, Sem 4: 4.86		
<b>12th</b>	Cbse	Kids Corner Happy Senior Secondary School	84	2015	Physics, Chemistry, Mathematics, English, Informatics Practices
<b>10th</b>	CBSE	Kids Corner Happy Senior Secondary School	7.8	2012	English, Hindi, Science, Mathematics, Social Science

**Name:** Vineet Shukla  
**Date of Birth:** 1994-07-25  
**Permanent Address:** Kishunpur Line-Bazar Jaunpur Uttar Pradesh 222002  
**Current Address:** H.N.33 Ms Block Ranaji Enclave New Delhi 110043



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University Of Delhi	Bhaskaracharya College Of Applied Science	Sem 1: 3.09, Sem 2: 4.91 Sem 3: 3.64, Sem 4: 4.86		
<b>12th</b>	up board	S.S.R.Inter College Jaunpur	79.6	2013	Mathematics Stream
<b>10th</b>	up board	T.D.Inter College Jaunpur	54.3	2010	Science Stream

**Curricular/Extra-Curricular Activity:**

- ◆ Freelance Journalist.
- ◆ Book & Magazine Editor.
- ◆ Story Writer, Script Writer, Poem Writer.
- ◆ Sport Person, Cricketer, Athlete.
- ◆ Freethinker.

**Name:** Harshit Durgapal

**Date of Birth:** 1997-09-27

**Permanent Address:** Chamunda Vihar Phase I Ramnagar Road Kashipur Udhampur Singh Nagar Pin-244713

**Current Address:** Flat No 62 2Nd Floor Dwarka Sector 2 Near Bhaskaracharya College New Delhi



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya College of Applied Sciences	Sem 1: 66.5, Sem 2: 50.06 Sem 3: 67.16, Sem 4: 58.99		
<b>12th</b>	Central Board of Secondary Education	Army Public School Hempur	80	2015	English Core, Physics, Chemistry, Mathematics, Computer Science
<b>10th</b>	Central Board of Secondary Education	Army Public School Hempur	84	2013	English, Hindi Course-B, Mathematics, Science, Social Science

**Name:** Chandan Kumar Jha  
**Date of Birth:** 1996-01-26  
**Permanent Address:** B-2091 Gali No.30 1St Pusta Sonia Vihar Delhi-110094  
**Current Address:** B-2091 Gali No.30 1St Pusta Sonia Vihar Delhi-110094



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya College of Applied Sciences	Sem 1: 6.7, Sem 2: 8.3 Sem 3: 8.9, Sem 4: 8.57		
<b>12th</b>	CBSE	GBSSS NO.1 Shakti Nagar Delhi	84.8	2014	Physics,Chemistry,Math, English,E.D,Phy.Education
<b>10th</b>	CBSE	GBSSS NO.1 ROOP NAGAR DELHI	8.2	2012	Science,Math,Hindi,English, St.Studies,S.K.T

**Workshop/Training:**



**Curricular/Extra-Curricular Activity:**

- ◆ 2nd position in Yoga Competition
- ◆ Discipline Volunteer in Cultural Festival of the College

**Name:** Sakshi Kumari  
**Date of Birth:** 1997-12-04  
**Permanent Address:** B42 Bajaj Enclave  
**Current Address:** Dwarka New Delhi



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskarcharya college of applied sciences	Sem 1: 8, Sem 2: 8.64 Sem 3: 8.14, Sem 4: 8.5		
<b>12th</b>	Cbse board	Kendriya vidyalaya	84.14	2015	Physics, chemistry, maths, computer science, English
<b>10th</b>	Cbse board	Kendriya vidyalaya	10	2013	English core, maths, science, social science, hindi

**Curricular/Extra-Curricular Activity:**

- ◆ Scored 2nd position in academic for the year 2015
- ◆ Won 1st prize in quiz competition
- ◆ Participated in plantation drive
- ◆ Member of NAAC
- ◆ Member of hospitality team in cultural fest srijan
- ◆ Won 2nd prize in girls cricket held in the sports day

**Name:** Manish Kumar  
**Date of Birth:** 1997-09-03  
**Permanent Address:** L-3/31,Mohan Garden,Uttam Nagar,New Delhi-59  
**Current Address:** L-3/31,Mohan Garden,Uttam Nagar,New Delhi-59



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya college of applied sciences	Sem 1: 5.91, Sem 2: 5.73 Sem 3: 6.79, Sem 4: 5.57		
<b>12th</b>	Cbse	Raghbir Singh senior secondary school	85.2	2015	Physics,chemistry,math, english,physical science
<b>10th</b>	Cbse	Raghbir Singh senior secondary school	8.2	2013	Science,math,hindi,english,s. st

**Workshop/Training:**

- ◆ No work experience certificate

**Curricular/Extra-Curricular Activity:**

- ◆ I play as a libero in volley ball

**Name:** Lakshay Bhatia  
**Date of Birth:** 1996-12-25  
**Permanent Address:** Flat No.-40, Pocket-7, Sector-2, Rohini ,Delhi,Pin-110085  
**Current Address:** Flat No.-40, Pocket-7, Sector-2, Rohini ,Delhi,Pin-110085



**Academic Qualification:**

	University/ Board	Institution	Percentage / CGPA	Year of Passing	Subjects/Stream
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya College of Applied Sciences	Sem 1: 7.27, Sem 2: 8.36 Sem 3: 8.57, Sem 4: 8.57		
<b>12th</b>	CBSE (Central Board Of Secondary Education)	D.A.V Public School , Pushpanjali Enclave Pitampura,Delhi	81.20%	2015	Non-Medical Science (Computer Science-C++)
<b>10th</b>	CBSE (Central Board Of Secondary Education)	D.A.V Public School , Pushpanjali Enclave Pitampura,Delhi	8.6	2013	English,Hindi,Mathematics, Science,Social Science,I.T (Comp)

**Name:** Amit Kumar Singh  
**Date of Birth:** 1997-09-30  
 S/O Barneshwar Singh..  
**Permanent Address:** Village-Khanpur ....Post-Dumariya...Teshil-Bansdih..Block-Rewati  
**Current Address:** C/0 Subash Sehrawat.... House No-460..Gali No-L-15... Mahipalpur Extension Newdelhi



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya college of applied science	Sem 1: 7.18, Sem 2: 7.73 Sem 3: 6.64, Sem 4: 7.43		
<b>12th</b>	U.p board	Sarwari awrar inter college	83.2	2015	Hindi, English, Math, Physics, Chemistry
<b>10th</b>	C.B.S.E	Smt ram rati Devi senior secondary School	7.6	2012	Math, Science, Social Science, Hindi, English

**Curricular/Extra-Curricular Activity:**

- ◆ Plantation
- ◆ NSS
- ◆ Volunteer at sriZan
- ◆ Handball player ...
- ◆ 400m Running..shotput

**Name:** Neha Kumari  
**Date of Birth:** 1998-04-01  
**Permanent Address:** New T-Block92 Street No 9 Uttam Nagar New Delhi 110059  
**Current Address:** New T -Block92 Street No 9 Uttam Nagar New Delhi 110059



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya college of applied sciences	Sem 1: 6.91, Sem 2: 8 Sem 3: 8.57, Sem 4: 9.36		
<b>12th</b>	CBSE	Skv no 1 C-block janakpuri	85%	2015	Science Non Medical
<b>10th</b>	CBSE	Skv no 2 C-block janakpuri	9.6	2013	English, Maths, Sst, Science, Sanskrit, Hindi

**Curricular/Extra-Curricular Activity:**

- ◆ Volunteer in annual fest srijan 2017
- ◆ Volunteer in NAAC
- ◆ Participated in green campaign in college
- ◆ Secured second position in the inter departmental cricket tournament
- ◆ Winner of quiz conducted by astronomy club in 2015

**Name:** Mohit Adhikari  
**Date of Birth:** 1998-10-02  
**Permanent Address:** S/O Nandan Singh Adhikari Vill-Dhaura P.O-Dhaura Dist-Almora Uttarakhand  
**Current Address:** C/O Subhash Sehwarat House N0-460 St No-L15 Mahipalpur Extension Newdelhi



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya College of Applied Sciences	Sem 1: 6.73, Sem 2: 6.36 Sem 3: 7.07, Sem 4: 7.71		
<b>12th</b>	Uttarakhand Board	Vivekanand Inter College Ranidhara Road Almora	76.2	2015	Hindi,English,Mathematics, Physics,Chemistry
<b>10th</b>	Uttarakhand Board	Vivekanand Inter College Ranidhara Road Almora	86.2	2013	Hindi,Sanskrit,Mathematics, Science,Social Science, English

**Curricular/Extra-Curricular Activity:**

- ◆ NSS(NATIONAL SERVICE SCHEME)
- ◆ WWF VOLUNTEER

**Name:** Shweta Sharma  
**Date of Birth:** 1997-10-14  
**Permanent Address:** E-15, Kunwar Singh Nagar, Najafgarh Road, Nangloi Delhi-41  
**Current Address:** E-15, Kunwar Singh Nagar, Najafgarh Road, Nangloi Delhi-41



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya college of applied sciences	Sem 1: 6.91, Sem 2: 5.36 Sem 3: 4.64, Sem 4: 5.84		
<b>12th</b>	Central Board of secondary education	Sarvodaya kanya vidyalaya SP Road Nangloi delhi	74.8	2015	English Core, Mathematics, Physics, Chemistry, Biology,
<b>10th</b>	Central Board of secondary education	Government girls senior secondary school, Nangloi Delhi	9.8	2013	Hindi, English, Maths, Science, Social Science, Sanskrit

**Workshop/Training:**

- ◆ Mathematics environment exhibition 2013-14
- ◆ Mathematics environment exhibition 2014-15

**Curricular/Extra-Curricular Activity:**

- ◆ Zonal level science quiz, mathematics environment exhibition - 2014-15
- ◆ State level science quiz, mathematics environment exhibition - 2014-15

**Name:** Manan Mehta  
**Date of Birth:** 1996-03-06  
**Permanent Address:** Flat No 237 Ff Pocket C2 Sector 16 Rohini  
**Current Address:** Flat No 237 Ff Pocket C2 Sector 16 Rohini



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya College Of Applied Sciences	Sem 1: 6.09, Sem 2: 6.55 Sem 3: 7.07, Sem 4: 8.36		
<b>12th</b>	Central Board of Secondary education	DAV Public School	83.8	2015	Science
<b>10th</b>	Central Board of Secondary education	DAV Public School	89.3	2012	Hindi, English, Maths, Science, Computer, SST

**Name:** Lilee Kumari Sah

**Date of Birth:** 1998-08-16

**Permanent Address:** Ashok Nagar, Sonaili, Katihar(Bihar) 855114

**Current Address:** Bhopal Singh B-182 Near Lucky Pan Shop Pandav Nagar 110092



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya college of applied sciences	Sem 1: 6. 73, Sem 2: 7.36 Sem 3: 7.5, Sem 4: 8.5		
<b>12th</b>	BSEB	Anandi janki mahila mahavidyalaya	76.40%	2015	Science Non Medical
<b>10th</b>	BSEB	A.LHigh school	71.80%	2013	Maths, Science, Social Science English, Hindi, Sanskrit

**Curricular/Extra-Curricular Activity:**

- ◆ Winner of quiz conducted by astronomy club in 2015
- ◆ Second position holder in inter departmental cricket tournament
- ◆ Certificate in NSS for plantation
- ◆ Volunteer in srijan 2017
- ◆ Volunteer in NAAC

**Name:** Simpi Kumari  
**Date of Birth:** 1998-02-08  
**Permanent Address:** Vill-Ashoknagar Pst-Sonaili Dist-Katihar(Bihar) Pin-855114  
**Current Address:** E-540 Bindapur Dda-Flats (Delhi)



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhascracharya college of applied sciences	Sem 1: 7, Sem 2: 7 Sem 3: 7.5, Sem 4: 7.5		
<b>12th</b>	BSEB	Anandi janki mahila mahavidyalaya	78	2015	Maths,Physics,Chemistry, English,Hindi
<b>10th</b>	BSEB	A.L.High school,sonaili	67	2013	Hindi,English,Maths,Science, Social Science,Sanskrit

**Curricular/Extra-Curricular Activity:**

- ◆ Secured first position in the inter-departmental cricket tournament
- ◆ Volunteer in srijan 2017
- ◆ Winner of relay race on sports day
- ◆ Secured first position in the inter-departmental basketball tournament
- ◆ 2nd position in salad making competition organized by food technology department
- ◆ Third position in mehndi competition on srijan
- ◆ Secured second position in the inter-departmental cricket tournament
- ◆ Volunteer in NAAC
- ◆ 2nd runner-up in yoga competition on srijan

**Name:** Pradeep Singh

**Date of Birth:** 1998-01-11

**Permanent Address:** Vill -Katai,Post-Kailsha,Dist-Amroha Uttarakhand Pradesh ,244221

**Current Address:** Maan Niwas,Gali No. 50 ,Mahavira Enclave Part 3 ,Dwarka Sec 2,New Delhi

**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	university of Delhi	Bhaskrachrya college of applied sciences	Sem 1: 7, Sem 2: 7.8 Sem 3: 7.8, Sem 4: 6.2		
<b>12th</b>	up board	gps academy inter college,amroha	83.33	2015	Physics, Chemistry, Mathematics
<b>10th</b>	up board	lks junior high school, amroha	81.3	2013	Maths,Science, Drawing, Hindi, English, Social Sciences

**Curricular/Extra-Curricular Activity:**

- ◆ Bhaskrachrya cell certificate
- ◆ Volunteer certificate in srijan event

**Name:** Rohit Kumar Gupta

**Date of Birth:** 1997-03-12

**Permanent Address:** Rz-28/345 Street No 2 Shivpuri West Sagarpur New Delhi 110046

**Current Address:** Rz-28/345 Street No 2 Shivpuri West Sagarpur New Delhi 110046



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of delhi	Bhaskaracharya college of applied sciences	Sem 1: 7, Sem 2: 6.18 Sem 3: 5.36, Sem 4: 3.79		
<b>12th</b>	CBSE	G.B.S.S.S.NO.1 SAGARPUR new delhi 110046	78.80%	2015	Science
<b>10th</b>	CBSE	G.B.S.S.S.NO.1 SAGARPUR new delhi 110046	9.2	2013	Maths science english hindi s. s.t sanskrit

**Workshop/Training:**

◆ No

**Curricular/Extra-Curricular Activity:**

◆ No

**Name:** Vipul Kumar  
**Date of Birth:** 1995-10-12  
**Permanent Address:** B-80,Police Colony Sector 12 R.K.Puram, New Delhi, 110022  
**Current Address:** B-80,Police Colony Sector 12 R.K.Puram, New Delhi, 110022



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya College of Applied sciences	Sem 1: 7, Sem 2: 7.27 Sem 3: 8.09, Sem 4: 8.29		
<b>12th</b>	CBSE	Delhi Public School R. K.Puram	79.66	2013	Physics, Chemistry, Maths, English, Computer Science
<b>10th</b>	CBSE	Delhi Public School R. K.Puram	9	2011	Hindi, English, Maths, Social Studies, Science

**Name:** Aditya Kumar  
**Date of Birth:** 1997-05-20  
**Permanent Address:** P-19/90, 2Nd Floor, Connaught Place, New Delhi-110001  
**Current Address:** P-19/90, 2Nd Floor, Connaught Place, New Delhi-110001



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya college of applied sciences	Sem 1: 6.73, Sem 2: 6.45 Sem 3: 7.14, Sem 4: 7.07		
<b>12th</b>	Central Board of Secondary Education	Kendriya Vidyalaya, Gole Market	75	2015	Physics, Chemistry, Maths, English, Computer Science
<b>10th</b>	Central Board of Secondary Education	Kendriya Vidyalaya, Gole Market	8.2	2013	English, Science, Maths, Social Science, Hindi

**Curricular/Extra-Curricular Activity:**

- ◆ I played basketball in school ( regional level) and in college also.

**Name:** Vivek Kumar

**Date of Birth:** 1996-09-02

**Permanent Address:** Plot No.8,9. T-Block, Dayal Park, West Sagarpur New Delhi 110046

**Current Address:** Plot No.8,9. T-Block, Days Park, West Sagarpur. New Delhi 110046



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya College of Applied Sciences	Sem 1: 7.91 CGPA, Sem 2: 9 CGPA Sem 3: 8.71 CGPA, Sem 4: 9.36 CGPA		
<b>12th</b>	Central Board of Secondary Education	Rainbow English Senior Secondary School	77.8	2014	Physics, Chemistry, Maths, Biology, English + Physical Education
<b>10th</b>	Central Board of Secondary Education	Rainbow English Senior Secondary school	9.6 CGPA	2012	Science, Maths, English, Hindi, Social Science

**Name:** Nitish Sah  
**Date of Birth:** 1997-01-13  
**Permanent Address:** S/O: Naresh Prasad Sah, Ward No:06, At+Po: Amarpur, Dist: Banka, Pin: 813101  
**Current Address:** C/O: R.P Singhal, House No: J4/233, Gali No: 61, West Sagarpur, Pin: 110046



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya College of Applied Sciences	Sem 1: 6.91, Sem 2: 7 Sem 3: 6.29, Sem 4: 7.29		
<b>12th</b>	CBSE	S.K.P VIDYA VIHAR, RAJPUR(BANKA), BIHAR	79	2012	Physics, Chemistry, Mathematics, Music, English
<b>10th</b>	CBSE	S.K.P VIDYA VIHAR, RAJPUR(BANKA), BIHAR	10	2012	Science, Hindi, Maths, English, Social Science

**Curricular/Extra-Curricular Activity:**

- ◆ I am good at playing volleyball and I have represented my school team as well as my college team.
- ◆ I am also good in swimming. It is one of my hobbies which I like most.
- ◆ I have participated in "sanrakshan green campaign" to preserve environment and help create more green around us in my college.
- ◆ I have participated in cardiopulmonary resuscitation(CPR) training which was conducted by Fortis healthcare in association with NDTV.

**Name:** Naveen Yadav  
**Date of Birth:** 1997-09-09  
**Permanent Address:** Rzh A-88 Raj Nagar Part-2 Palam Colony New Delhi 110077  
**Current Address:** Rzh A-88 Raj Nagar Part-2 Palam Colony New Delhi 110077



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya College of Applied Sciences	Sem 1: 6.45, Sem 2: 5.91 Sem 3: 7.36, Sem 4: 6.64		
<b>12th</b>	CBSE	Vishwa Bharati Public School	81.40%	2015	English, Physics, Chemistry, Mathematics, Geospatial Tech.
<b>10th</b>	CBSE	Vishwa Bharati Public School	9.4	2013	English Comm., Hindi, Science, Social Science, Mathematics

**Workshop/Training:**

- ◆ Workshop on digital India

**Curricular/Extra-Curricular Activity:**

- ◆ I'm in college volleyball team as well as in department volleyball team.
- ◆ I'm also in department cricket team.
- ◆ I (group of 5 members) have participated in a quiz competition in astronomy club of our college.

**Name:** Manish Kumar Sharma  
**Date of Birth:** 1997-07-08  
**Permanent Address:** Vill-Kamayanpur, Post -Idilpur Dist - Pratapgarh  
**Current Address:** J Block 767 Jahangir Puri New Delhi 110033



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya College of Applied Sciences	Sem 1: 4.82, Sem 2: 5.91 Sem 3: , Sem 4:		
<b>12th</b>	UP BOARD	SARVODAYA INTER COLLAGE,	80	2015	Physics, Chemistry, Mathematics
<b>10th</b>	UP board	CHOUDHARY KESHRAM INTER COLLAGE	8.9	2013	Science, Mathmetic, English, Social Science

**Curricular/Extra-Curricular Activity:**

- ◆ DEBATING, -
- ◆ GANDHI QUIZ COMPETITION 2 winner
- ◆ Sports

**Name:** Ankit Panchal  
**Date of Birth:** 1998-06-01  
**Permanent Address:** A-22,Street No.03,25Ft.Road Meet Nagar Delhi-110094  
**Current Address:** A-22,Street No.03,25Ft.Road Meet Nagar Delhi-110094



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University Of Delhi	Bhaskaracharya College of Applied Sciences	Sem 1: 6.64, Sem 2: 7.27 Sem 3: 7.71, Sem 4: 7.64		
<b>12th</b>	CENTRAL BOARD OF SECONDARY EDUCATION	INDRAPRASTHA PUBLIC SCHOOL	78.33	2015	Physics,Chemistry, Mathematics,English,Phy. Education
<b>10th</b>	CENTRAL BOARD OF SECONDARY EDUCATION	Govt.Boys Senior Secondary School	7.27	2013	English, Science, Mathematics,Socialscience, Sanskrit,Hindi

**Workshop/Training:**

- ◆ Vedic Mathematics Workshop during acedmic year 2016-17
- ◆ Clean and Green Energy Workshop

**Curricular/Extra-Curricular Activity:**

- ◆ Volunteer in NSS(National Service Scheme) during the acedmic year 2016-17
- ◆ Volunteer in "Songs of India" during acedmic year 2016-17
- ◆ Hospitality Team Coordinator in Annual Cultural Festival of the College during acedmic year 2016-17
- ◆ Management Volunteer in Annual Day of the College during 2016-17
- ◆ Participate in Greece Campaign to Preserve Environment during year 2015-16

**Name:** Pramod Kumar Rai  
**Date of Birth:** 1996-11-16  
**Permanent Address:** Daily Bazar Duliajan Near Lakshmi Palace, Dist- Dibrugarh (Assam) Pincode-  
**Current Address:** Rzc-1/112, Vinod Puri, Vijay Enclave, New Delhi



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya college of applied sciences	Sem 1: 7, Sem 2: 7 Sem 3: 8.14, Sem 4: 6.64		
<b>12th</b>	CBSE	Kendriya vidyalaya duliajan	82.80%	2015	Science
<b>10th</b>	CBSE	Kendriya Vidyalaya Duliajan	8.4	2013	English, Hindi, Mathematics, Science, social science

**Curricular/Extra-Curricular Activity:**

- ◆ In Yoga club
- ◆ Athletics in 100,200mtr
- ◆ Gandhi Quiz

**Name:** Ritesh  
**Date of Birth:** 1997-07-14  
**Permanent Address:** House No. 271, Nehru Enclave, Alipur Delhi-110036  
**Current Address:**



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya College of Applied Sciences	Sem 1: 5.64, Sem 2: 6.18 Sem 3: 5.64, Sem 4: 6.21		
<b>12th</b>	Central Board of Secondary Education	Government Boys Senior Secondary School, alipur-110036	75.4	2015	science
<b>10th</b>	Central Board of Secondary Education	Government Boys Senior Secondary School, alipur-110036	68.4	2013	hindi,english,mathematics, science,social science,sanskrit

**Curricular/Extra-Curricular Activity:**

- ◆ volunteer in 'songs of india' by 'the cultural council' which was held on 7th october 2016.
- ◆ volunteer of creative team in 'srijan 2017'

**Name:** Aashish Rathore  
**Date of Birth:** 1997-10-25  
**Permanent Address:** S-7 B Sharma Colony Budh Vihar Phase-2 New Delhi-110086  
**Current Address:** S-7 B Sharma Colony Budh Vihar Phase-2 New Delhi-110086



**Academic Qualification:**

	University/ Board	Institution	Percentage / CGPA	Year of Passing	Subjects/Stream
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya college of applied science	Sem 1: 7.45 CGPA, Sem 2: 7.18 CGPA Sem 3: 6.07 CGPA, Sem 4: 6.93 CGPA		
<b>12th</b>	CBSE Board	Govt Sarvodaya vidyalaya sector-6 rohini delhi-110085	77.80%	2015	Science(English,Mathematics, Physics,Chemistry,Biology)
<b>10th</b>	CBSE Board	Govt Sarvodaya vidyalaya sector-6 rohini delhi-110085	8.6 CGPA	2013	English,Hindi,Science,Social Science,Mathematics,Sanskrit

**Curricular/Extra-Curricular Activity:**

- ◆ Join eco club
- ◆ Join yoga club
- ◆ Join astronomy club
- ◆ Participate in running and long jump on sport's day celebration in college
- ◆ Participate in quiz,sudoku,debate,essay writing and drawing competition

**Name:** Perdeep Kumar  
**Date of Birth:** 1998-06-08  
**Permanent Address:** Mohalla Jai On Nagar Amroha-244221  
**Current Address:** Mahaveer Enclave Part 3Rd New Delhi -110059



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya college of applied sciences	Sem 1: 6.36, Sem 2: 7.36 Sem 3: 6.5, Sem 4: 6.71		
<b>12th</b>	UP board	I.M inter college	80.40%	2015	Physics, Mathematics, Chemistry, Hindi, English
<b>10th</b>	UP board	I.M inter college	73.60%	2013	Mathematics, Hindi, English, Science, Social Science, Art

**Workshop/Training:**

- ◆ Vedic Mathematics during academic, 2016-17

**Curricular/Extra-Curricular Activity:**

- ◆ nss certificate in 2016-17
- ◆ Volunteer in cultural event
- ◆ Secretary of BCAS cell
- ◆ Member of yoga and astronomy club

**Name:** Nishant Saini  
**Date of Birth:** 1998-05-22  
**Permanent Address:** C-127/B Laxmi Park Nangloi New Delhi-110041  
**Current Address:** C-127/B Laxmi Park Nangloi New Delhi-110041



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya College of Applied Sciences	Sem 1: 5.9, Sem 2: 5.3 Sem 3: 4.9, Sem 4: 5.7		
<b>12th</b>	CBSE	shri daulat ram public senior secondary school nangloi	77.8	2015	Physics, Chemistry, Maths, Computer Sci., English, Phy. Edu.
<b>10th</b>	CBSE	Nathu Ram Convent Senior Secondary School	77.9	2013	Maths, English, Hindi, Social Science, Science

**Workshop/Training:**

- ◆ Having Training Of Computer Hardware.
- ◆ Having Good Knowledge of Computer and also good brain for catching the new software easily.

**Curricular/Extra-Curricular Activity:**

- ◆ Played Volleyball Inter-Department & Inter College Tournaments.
- ◆ Played Inter-Department Cricket Tournament.
- ◆ Take Part in College Dramatics Team.
- ◆ Having Good Knowledge Of Photography.

**Name:** Abhishek  
**Date of Birth:** 1997-07-13  
**Permanent Address:** I-72/B Krishan Vihar Delhi  
**Current Address:** I-72/B Krishan Vihar Delhi



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya college of applied sciences	Sem 1: 5.91, Sem 2: 5.27 Sem 3: 5, Sem 4: 5.64		
<b>12th</b>	cbse	Govt. Sarvodaya co-ed vidyalaya	66.40%	2015	Science
<b>10th</b>	cbse	Govt. boys sr. sec. school	7	2013	Hindi, English, Mathematics, science, social sci. , Sanskrit

**Name:** Abhay Singh Bhadoria

**Date of Birth:** 1997-02-04

**Permanent Address:** 958, Vikaskunj, Vikaspuri, Opposite District Centre Janakpuri, New Delhi-110018

**Current Address:**



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya College of Applied Sciences	Sem 1: 6.91, Sem 2: 7.82 Sem 3: 7.29, Sem 4: 7.29		
<b>12th</b>	Central Board of Secondary Education	Bal Bharati Public School, Pitampura	73.66%	2015	English, Physics, Chemistry, Mathematics, Economics, Physical Edu
<b>10th</b>	Central Board of Secondary Education	Bal Bharati Public School, Pitampura	8.6	2013	English, Hindi, Mathematics, Science, Social Science

**Curricular/Extra-Curricular Activity:**

- ◆ Participated in Inter DU college football tournament (1st year)
- ◆ Secured 1st position in inter department football tournament (1st year)
- ◆ Participated in Inter DU college football tournament (2nd year)
- ◆ Secured 1st position in inter department football tournament (2nd year)
- ◆ Participated in Reliance Foundation Youth Sports College Football tournament (3rd year)
- ◆ Member of the Stage Management team in the college's annual cultural fest, Srijan 2016

**Name:** Rajat  
**Date of Birth:** 1996-10-14  
**Permanent Address:** Ca/86C, Dda Flats, Hari Nagar, New Delhi 110064  
**Current Address:** Ca/86C, Dda Flats, Hari Nagar, New Delhi 110064



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	university of delhi	bhaskaracharya college of applied science	Sem 1: 6.18, Sem 2: 6.45 Sem 3: 5.86, Sem 4: 5.21		
<b>12th</b>	central board of secondary education	govt. sarvodaya boys senior secondary school ashok nagar n.d	63.4	2015	english, mathematics, chemistry, physics, computer science
<b>10th</b>	central board of secondary education	govt. sarvodaya boys senior secondary school ashok nagar n.d	7.2	2013	english, maths, science, hindi, sanskrit, social science

**Name:** Harsh Upadhyay

**Date of Birth:** 1997-08-31

**Permanent Address:** D-34, Gayatri Apts, Plot-27, Sector-10, Dwarka, New Delhi-110075

**Current Address:** D-34, Gayatri Apts, Plot-27, Sector-10, Dwarka, New Delhi-110075



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya College of Applied Sciences	Sem 1: 6.18, Sem 2: 5.91 Sem 3: 6.86, Sem 4: 7.86		
<b>12th</b>	CBSE	Modern Convent School	71.2	2015	English, Physics, Chemistry, Mathematics, Computer Science
<b>10th</b>	CBSE	Modern Convent School	7.4	2013	English, Hindi, Mathematics, Science, Social Science

## **Department of Mathematics**

Mathematics is one of the most fundamental and basic courses whose knowledge is indispensable in almost every field. It is a fundamental part of human thought and logic, and integral to attempts at understanding the world and ourselves. Mathematical knowledge plays a crucial role in understanding other fields such as science, social sciences, and even music and art. Industry managers, engineers, and scientists require a personal repertory of mathematical tools to find solutions to a variety of work problems. These problems relate to processing, research, analysis, and other operations that require mathematical solutions

Mathematical methods are integral to the study of any field of sciences be it Physics, Chemistry Computer Science, Electronics, Food Technology, Biomedical science, Polymer science or Instrumentation. Understanding and competence in applying the fundamental mathematical tools is essential to do serious study in these fields. Progress in biomedical research increasingly requires mathematical and computational approaches. Scientists experienced at working at the interface of biology, mathematics and computation are greatly needed in this field. Polymer science has provided us with a diverse host of new materials, thereby enhancing technological advancement. The theoretical description of the properties of polymers has involved the use of a wide range of mathematical sciences techniques. The role of mathematics in food technology and microbiology is also immense. As an example, food processes, problems related to bacterial growth in food and other areas of predictive microbiology are studied using mathematical modeling techniques.

Mathematics Department takes General Elective papers for all courses of the college. The Department room is well equipped with computer, printer and scanner.

Thus, mathematics not only helps understand other courses, it also prepares the students for today's ever evolving world of competition and carve a professional niche for them.

Faculty Details:

Name of Faculty	Highest Qualification	Specialization
Dr. Ragini Jindal	Ph.D.	Applied Mechanics
Dr. Neeru Sharma	Ph.D.	Functional Analysis



## **Details of Dept. & infrastructure**

The Department of Microbiology at BCAS has been awarded Star status (2017) by the Department of Biotechnology, Government of India. It has well equipped and furnished laboratories to provide hands-on-training to undergraduate students. Various instruments and equipments such as laminar air flow, deep freezer, incubators, microscopes, thermal cycler, gel documentation system, weighing balance, image projection system, LCD projector etc are available in the Department. The faculty members of the Department are actively involved in various DU innovation projects and have successfully completed 10 innovation projects till now. Besides, a number of in-house projects are carried out to help develop research aptitude in the students and train them beyond the curriculum practicals.

## **Departmental Activities**

The “SUKSHMJEEV” society of the Department of Microbiology organizes a variety of academic and co-curricular activities in the form of conferences, seminars and lectures etc. for the holistic development of students. “Sukshmjeev” provides a platform for interaction amongst students, faculty members and various academicians invited from renowned institutions. Department of Microbiology conducts various symposia, workshops, visits to research institutes for exposing the students to the latest developments in the field. This year, the society organized a Symposium on Science Empowering Women...Women Empowering Science and the Annual Microbiology Festival MICROQUEST 2017. On this occasion, a special issue of the Annual magazine of Sukshmjeev Society ‘Celebrating the nobel women of Science’ was unveiled. A Visit to Star Path Labs was organised to help the students understand the functioning of a pathological lab and give them an insight into various tests that are carried out. The students were also demonstrated confocal microscopy along with other state of the art equipments used in microbiological research at University of Delhi South Campus.

Management of all inventories in a laboratory is integral to the smooth running of any laboratory. With this in mind, a Resource Management workshop was organised to train the students in management of the laboratory resources and inculcate a sense of belongingness to the Laboratory. Besides, interdepartmental Debate competition and streak art competition were also organised. The Society holds regular invited lectures so as to keep the students in tune with the latest developments in Microbiology and related fields. This year Dr. Siddharth Chopra from CDRI, Lucknow delivered a talk and interacted with the students.

## **FACULTY DETAILS**

S.No	Name	Degree	Specialization
1	Dr. N Vijay Kumar (Teacher-In-Charge)	Ph.D	Molecular Biology
2	Dr. Purnima Anand	Ph.D	Environmental Microbiology

3	Dr. Ruchi G. Marwah	Ph.D	Industrial Microbiology
4	Dr. Pawas Goswami	Ph.D	Dairy Microbiology
5	Dr. Neha Bansal	Ph.D	Molecular Biology
6	Dr. Ratyakshi	Ph.D	Nanotechnology
7	Dr. Indramani	Ph.D	Molecular Genetics and Microbiology

## Syllabus/Course work

Semester 1		Semester 2	
Paper No	Name	Paper No	Name
Paper 1	Introduction to Microbiology and Microbial Diversity	Paper 5	Biochemistry
Paper 2	Bacteriology	Paper 6	Virology
Paper 3	Generic Elective paper	Paper 7	Generic Elective paper
Paper 4	English	Paper 8	Environmental Science

Semester 3		Semester 4	
Paper No	Name	Paper No	Name
Paper 9	Cell Biology	Paper 14	Microbial Genetics and Genomics
Paper 10	Microbial Physiology and Metabolism	Paper 15	Environmental Microbiology
Paper 11	Molecular Biology	Paper 16	Food & Dairy Microbiology

Paper 12	Microbial Quality Control in Food and pharmaceutical industries	Paper 17	Microbial Diagnosis in Health Clinics
Paper 13	Generic Elective	Paper 18	Generic Elective

<b>Semester 5</b>		<b>Semester 6</b>	
<b>Paper No</b>	<b>Name</b>	<b>Paper No</b>	<b>Name</b>
Paper 19	Industrial Microbiology	Paper 23	Medical Microbiology
Paper 20	Immunology	Paper 24	Recombinant DNA Technology and Biotechnology
Paper 21	Plant pathology	Paper 25	Microbial Biotechnology
Paper 22	Inheritance Biology	Paper 26	Instrumentation & Techniques

**Name:** Debasreeeta Das  
**Date of Birth:** 1997-03-21  
**Permanent Address:** Dda Flat No.57/C, Pocket-2, Sector-6, Dwarka, New Delhi -110075  
**Current Address:** Dda Flat No.57/C, Pocket-2, Sector-6, Dwarka, New Delhi -110075



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya College of Applied Sciences	Sem 1: 7.73, Sem 2: 8.82 Sem 3: 9, Sem 4: 8.93		
<b>12th</b>	Central Board of Secondary Education (CBSE)	Modern Convent School, Sec.4, Dwarka, New Delhi -110075	92.40%	2015	English, Physics, Chemistry, Biology, Biotechnology
<b>10th</b>	Central Board of Secondary Education (CBSE)	Modern Convent School, Sec.4, Dwarka, New Delhi -110075	89.30%	2013	English, Science, Mathematics, Social Studies, French,

**Workshop/Training:**

- ◆ successfully completed the programme "training in self-defence techniques" held from 13.08.2013 to 03.09.2013 conducted by special police unit for women & children at modern convent school.
- ◆ completed the vocational food analysis industrial training course of 45 days(15.05.16 to 30.06.16) at FICCI research & analysis centre, NABL accredited laboratory sector-8 dwarka, new delhi-110077 and secured pass A grade.
- ◆ participated in the workshop entitled Hands on "training on cell culture techniques and cytotoxicity assays" from 21.03.2017 to 23.03.2017 organized by Amity Institute of Virology & Immunology at Amity University, sec-125, Noida, uttar pradesh.

**Curricular/Extra-Curricular Activity:**

- ◆ Participated in the Annual Microbiology Festival and Symposium organized by Sukshmjeev, the society of department of microbiology on 16th march, 2017.
- ◆ Secured 1st position in the poster making competition on 27.09.2016- Theme: Timeline of advancements in microscopy organized by Sukshmjeev society under the aegies of star college scheme, deptt of biotechnology, GoI
- ◆ Secured 1st position in the collage making competition on 27.01.2017- Theme: career prospects in Microbiology organized by Sukshmjeev society under the aegies of star college scheme, deptt of biotechnology, GoI

**Name:** Shivani Chauhan  
**Date of Birth:** 1997-01-01  
**Permanent Address:** 742 Jheel Khurana Scooter Market.Delhi-51.  
**Current Address:**



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya College of Applied Sciences	Sem 1: 7.73, Sem 2: 9.55 Sem 3: 9.21, Sem 4: 9.36		
<b>12th</b>	Central Board of Secondary Education (CBSE)	LOVELY PUBLIC SR. SEC.SCHOOL.	93.8 %	2015	Biology , Chemistry , Physics , English , Physical Education
<b>10th</b>	Central Board Of Secondary Education (CBSE)	LOVELY PUBLIC SR. SEC.SCHOOL	10	2013	English,Maths,Science,Social Science,Sanskrit,Hindi.

**Workshop/Training:**

- ◆ Summer Internship at "Delhi Milk Scheme".
- ◆ One day symposium on "Antibiotic resistance:A major Global threat".
- ◆ One day workshop on "Spectrophotometer"and "Immunodiagnostic techniques:Rapid diagnosis of microbial pathogens".
- ◆ Two Days WORKSHOP on : "Hands on training on Cell culture techniques and cytotoxicity assay".
- ◆ Advance Lecture Series in Microbiology: "Protein Engineering" and "Microbial Genomics".

**Curricular/Extra-Curricular Activity:**

- ◆ Event Coordinator in College cultural fest "Srijan".
- ◆ 1st Position in the Poster Making and Collage Making Competition in the Microbiology Department.
- ◆ Won 2nd prize in the QUIZE COMPETITION on topic SCIENCE AND TECHNOLOGY.

**Name:** Sonakshi Gupta  
**Date of Birth:** 1995-12-19  
**Permanent Address:** N-103, Hill View Apartment, Sector-46, Faridabad  
**Current Address:** 2185/6, Guru Arjun Nagar, Opposite West Patel Nagar

**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskarcharya College of applied sciences	Sem 1: 7.45, Sem 2: 9.55 Sem 3: 9.36, Sem 4: 9.36		
<b>12th</b>	CBSE	Modern Vidya Niketan, aravalli hills, faridabad	91.3	2014	Physics, Chemistry, Biology, Mathematics, Physical Education
<b>10th</b>	CBSE	Modern vidya niketan, aravalli hills	9.6	2012	Science, Social Studies, English, Mathematics, Sanskrit

**Workshop/Training:**

- ◆ FICCI RESEARCH AND ANALYSIS CENTER- vocational training in food industry -learning basic techniques in food industry - nutrient content estimation like fat, protein, ash and quality control - instrumentation lab, microbiology lab, chemistry lab
- ◆ Antimicrobial sensitivity of various microorganisms isolated from sewage samples in dwarka - project is still going

**Curricular/Extra-Curricular Activity:**

- ◆ Various Art and craft competitions in college and school and zonal award in calligraphy
- ◆ Avid member of rotract club faridabad ( branch of rotary club)
- ◆ Workshop on flockscope attended in gargi college
- ◆ Workshop at department of immunology and virology at amity university- hands on training on cell culture techniques abd cytotoxicity assays
- ◆ Served as vice president of the dept of microbiology and as an editor of college magazine

**Name:** Jalaj Pathak  
**Date of Birth:** 1999-06-04  
**Permanent Address:** Vill Meerapur Post Gaur Distt Basti Uttar Pradesh 272163  
**Current Address:** Rzc 182 Street No. 3 Madhu Vihar Dwarka Sec 3 New Delhi 110059



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya college of applied sciences	Sem 1: 5.36, Sem 2: 5.94 Sem 3: 5.36, Sem 4: 5.79		
<b>12th</b>	U P Board	R K V S Inter college Thanha Khas Harraiya Basti 272163	91.80%	2015	Science Stream/ Hindi, English, Biology, Chemistry, Physics .
<b>10th</b>	U P Board	R K V S Inter college Thanha Khas Harraiya Basti 272163	88%	2013	Hindi, English, Math, Science, Social Science, Drawing.

**Workshop/Training:**

- ◆ Attend one day hand's on training on the principle and application of spectrophotometry jointly organized by department of biochemistry and microbiology bcas .
- ◆ attend one day symposium on the topic antimicrobial resistance organized by the department of microbiology bcas .
- ◆ attend hand's on training on the use of rapid detection kits use in various disease like dengue , malleria, typhiod ,etc in college laboratory .

**Name:** Pratishta Vats  
**Date of Birth:** 1997-05-19  
**Permanent Address:** House No. 224, Housing Board Colony, Jind, Haryana.  
**Current Address:** C-710, Dream Apartment, Sector-22, Plot No.-14, Dwarka, New Delhi.



PRATISHTHA VATS

**Academic Qualification:**

	University/ Board	Institution	Percentage / CGPA	Year of Passing	Subjects/Stream
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya College of Applied Sciences	Sem 1: 6.73, Sem 2: 7.91 Sem 3: 7.13, Sem 4: 7.65		
<b>12th</b>	CBSE	Mount Carmel School, Dwarka	94.75%	2015	Physics, Chemistry, Biology, English, Physical Education
<b>10th</b>	CBSE	Mount Carmel School, Dwarka.	10	2013	English, French, Science, Maths, Social Sciences,

**Workshop/Training:**

- ◆ Trained at microbiology lab in the "Bureau of Indian Standards". The six week training included various levels of water sample testing under the food as well as pesticide residue sections. We also learnt various quality control tests for the samples bought in the lab for acquiring license under ISI standards.
- ◆ Attended an "Hands on training" workshop for spectrophotometry: principles and applications.
- ◆ Attended a Seminar on the "Exponential technology and artificial intelligence" at IIT, Delhi.

**Curricular/Extra-Curricular Activity:**

- ◆ Awarded third prize at an extempore competition followed by a science seminar at IIT, Delhi.
- ◆ Awarded certificate for working as a student editor for the college magazine.
- ◆ Holding the position of the vice-president at the Debate Society of the college and an active participant and organiser of various intercollege debate competitions.
- ◆ Hosted the annual cultural festival "Srijan" of the Bhaskaracharya College of Applied Sciences, and also participated as a sponsorship volunteer.
- ◆ Awarded third prize at a poster making competition for the topic "advancements in the field of microscopy".
- ◆ Worked in the department of R&D at Arriyis Infosoft Pvt Ltd, main objectives were Corporate Induction, Basic Domain Overview, Process Induction, Behavioral Sessions covering business communication skills, professional Email communication skill

**Name:** Garima Rastogi  
**Date of Birth:** 1997-03-05  
**Permanent Address:** Rz-519 B/2 Raj Nagar-1 Palam Colony New Delhi - 110045  
**Current Address:** Rz-519 B/2 Raj Nagar -1 Palam Colony New Delhi -110045



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya college of applied sciences	Sem 1: 7.45, Sem 2: 8.55 Sem 3: 8.57, Sem 4: 7.79		
<b>12th</b>	CBSE	Modern Convent School	92%	2015	English, Physics, Chemistry, Biology, Physical Education
<b>10th</b>	CBSE	Modern Convent School	9.4	2013	English, Maths, Science, Social Science, French

**Workshop/Training:**

- ◆ Summer internship at BUREAU OF INDIAN STANDARDS. worked in the micro biology, food and pesticide residue laboratories. There we checked the packaged drinking water for its quality and approval.
- ◆ Workshop on SPECTROPHOTOMETRY. Learned about the basic principles and applications of spectrophotometer and how to use that.
- ◆ Attended one day symposium on antibiotics resistance

**Curricular/Extra-Curricular Activity:**

- ◆ 3 prize in collage making
- ◆ Event coordinator at the annual cultural fest srijan 2017
- ◆ Volunteer at inter college cultural festival srijan 2016

**Name:** Priyanka Chawla  
**Date of Birth:** 1997-11-24  
**Permanent Address:** 3Rd-A/34, Vishnu Garden  
**Current Address:** 3Rd-A/34, Vishnu Garden



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya College of Applied Sciences	Sem 1: 7.73, Sem 2: 8.73 Sem 3: 8.21, Sem 4: 8.21		
<b>12th</b>	Central Board of Secondary Education	Jhabban Lal DAV Public School, Paschim Vihar New Delhi	92.20%	2015	Medical/ English, Physics, Chemistry, Biology, Home Science
<b>10th</b>	Central Board of Secondary Education	Jhabban Lal DAV Public School Paschim Vihar New Delhi	9.8	2013	English, Hindi, Mathematics, Science, Social Science

**Workshop/Training:**

- ◆ Summer training in Microbiological Department and Food Department of Bureau Of Indian Standards, Central Laboratory during 01 June 2016 to 30 June 2016. Worked as a trainee and checked the quality of package drinking water.
- ◆ A hands on Training in spectrophotometry: Principles and Applications, jointly organised by the Department Of Biochemistry and the Department Of Microbiology held on 30 August 2016.
- ◆ Attended a one day symposium on Antibiotic Resistance: A Major Global Threat and Annual Microbiological Festival MICROQUEST on March 16,2016

**Curricular/Extra-Curricular Activity:**

- ◆ • Member in a school volleyball team and stood Second at a Zonal level inter-school volleyball tournament in 2013-2014
- ◆ •Member of Dramatics Society 'DARPARAN' Of Bhaskaracharya College Of Applied Sciences, University of Delhi.(2015-2017)
- ◆ Won 3rd prize in poster making competition on Timeline of Advancements in microbiology held on 27 september 2016 by Department of Microbiology BCAS.
- ◆ Participated in the annual inter college cultural festival SRIJAN 2016 of Bhaskaracharya College Of Applied Sciences, University of Delhi as a volunteer of the street play.
- ◆ Participated in the annual inter college cultural festival SRIJAN 2017 of Bhaskaracharya College Of Applied Sciences, University of Delhi as a volunteer of Registration Team.
- ◆ Worked as a volunteer in The Rising People Welfare Society NGO from 1 june 2017 to 1 july 2017.

**Name:** Tushar Midha  
**Date of Birth:** 1998-02-18  
**Permanent Address:** #448 Sector-20 HUDA Kaithal, Haryana (136027)  
**Current Address:**



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya College of Applied Sciences	Sem 1: 6.45, Sem 2: 6.36 Sem 3: 6.57, Sem 4: 7.21		
<b>12th</b>	CBSE	O.S.D.A.V. Public School, Kaithal	91.2	2015	Physics, Chemistry, Biology, English, Physical Education
<b>10th</b>	CBSE	O.S.D.A.V. Public School, Kaithal	9.4	2013	Maths, Science, Social Science, English, Sanskrit

**Name:** Himani Arora  
**Date of Birth:** 1997-09-09  
**Permanent Address:** 19/145 Basti Sarai Rohilla , Delhi -110035  
**Current Address:** E-645 Dda Flats Bindapur ,Uttam Nagar , Delhi



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya College Of applied Sciences	Sem 1: 8.45, Sem 2: 9.73 Sem 3: 8.36, Sem 4: 8.79		
<b>12th</b>	CBSE	Rajkiya Pratibha Vikas Vidyalaya, Kishan Ganj	92.4	2015	Maths,Biology,Physics, Chemistry,English
<b>10th</b>	CBSE	Sarvodaya Kanya Vidyalaya ,Sarai Rohilla , Delhi	10	2013	Hindi,English,Maths,Science, Sanskrit,Socialscience

**Curricular/Extra-Curricular Activity:**

- ◆ Certificate of Merit from CBSE
- ◆ One month internship in NGO UMEED-A Drop of hope.
- ◆ Volunteering in events like Ecofriendly campaign and Cleanliness Drive organised by NGO Youth for Seva.
- ◆ Event Cordinator in SRIJAN-Annual Cultural Fest of BCAS,DU
- ◆ First position in Debate competition in College and a position holder in different competition like english debate,extempore, poem recitation ets at School,Zonal and District level
- ◆ Participation in Science Quizz competition at College and School level
- ◆ Lal bahadur shastri Scholarshipp for 5-6 times for obtaining more than 85% in academics every year in School.
- ◆ Participation in Sanskrit kawali and kavita Competition at School and Zonal level

**Name:** Nikita Bansal  
**Date of Birth:** 1995-04-05  
**Permanent Address:** B-305, Welcome Apartment, Sector-9, Rohini, New Delhi  
**Current Address:** B-305, Welcome Apartment, Sector-9, Rohini, New Delhi



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya college of applied sciences	Sem 1: 7.45, Sem 2: 8.18 Sem 3: 8.21, Sem 4: 7.71		
<b>12th</b>	CBSE	Queens' College	91.2	2013	Biology, Physics, Chemistry, English, Biotechnology, P.E.
<b>10th</b>	CBSE	Queens' College	9.6	2011	English, Maths, Science, Social Studies, Sanskrit

**Curricular/Extra-Curricular Activity:**

- ◆ Member of the literary club core team and organising various activities at intra and inter college levels.
- ◆ Been a member of the Public Relations team.
- ◆ Worked as a coordinator and volunteer for various events at college fests.

**Name:** Reena Yadav  
**Date of Birth:** 1995-12-20  
**Permanent Address:** V.P.O Dulana District Mahendergarh (Haryana)  
**Current Address:** 580 Block -E Dda Flats Bindapur Dwarka New Delhi



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya college of applied sciences	Sem 1: 6.45, Sem 2: 7.91 Sem 3: 7, Sem 4: 7.36		
<b>12th</b>	CBSE	Suraj sr. Sec. School , Mahendergarh (Haryana)	92.4	2014	Physics, Chemistry, Biology , English , Music
<b>10th</b>	CBSE	SURAJ sr. Sec. School , mahendergarh	10	2012	Science,Maths , English , Social Science,Hindi

**Workshop/Training:**

- ◆ One Day Technical Workshop on Molecular Modelling and Structure based Drug Designing in Bhaskaracharya College Of Applied Sciences (University of Delhi)
- ◆ A Hands-on Training In Spectrophotometry: Principles And Applications In Bhaskaracharya College Of Applied Sciences
- ◆ MIS Training (including powerpoint &excel )from Appin Technology Lab

**Curricular/Extra-Curricular Activity:**

- ◆ Active member of NGO UMEED a drop of hope it work for slum children education
- ◆ Volunteer in NGO -Youth for seva (YFS) attended various campaigns under this like ECO friendly campaign , cleanliness drive etc.

**Name:** Simran Kumari  
**Date of Birth:** 1998-04-10  
**Permanent Address:** C-5/F-2 Dilshad Colony Delhi-110095  
**Current Address:** C-5/F-2 Dilshad Colony Delhi -110095



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya college of applied sciences	Sem 1: 5.91, Sem 2: 7.36 Sem 3: 6.93, Sem 4: 7.14		
<b>12th</b>	CBSE Board	Greenway Modern School	88.8	2015	English,Physics,Chemistry, Biology,Physical Education
<b>10th</b>	Central Board of secondary education	Greenway Modern School	8.6	2013	English,Hindi,Maths,Science, Social Science

**Curricular/Extra-Curricular Activity:**

- ◆ ECA coordinator in college fest.
- ◆ Member of fashion society.
- ◆ Member of photography society.

**Name:** Vishala  
**Date of Birth:** 1997-07-08  
**Permanent Address:** P-14 Budh Vihar Phase-1 Delhi-110086  
**Current Address:** P-14 Budh Vihar Phase-1 Delhi-110086



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	bhaskaracharya college of applied science	Sem 1: 6.18, Sem 2: 7.91 Sem 3: 6.93, Sem 4: 7.36		
<b>12th</b>	cbse	rajkiya pratibha vikas vidyalaya, rohini	86%	2015	Science
<b>10th</b>	cbse	rajkiya sarvodaya vidyalaya, sector-3, rohini	9.4	2013	Hindi, English, Maths, Science, Social Science

**Curricular/Extra-Curricular Activity:**

- ◆ VOLUNTEERED AT NATIONAL CONFERENCE ON "CLEAN AND GREEN ENERGY"
- ◆ VOLUNTEERED AT COLLEGE FEST IN PHOTOGRAPHY SOCIETY

**Name:** Abhishek Bhargav  
**Date of Birth:** 1996-06-07  
**Permanent Address:** Murli Bagich,Jawahar Nagar,D.S.P Roadm,Gumla,Jharkhand  
**Current Address:** C1/81B,Near Sai Baba Mandir,Madhu Vihar,Delhi



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya College of Applied Sciences	Sem 1: 5.36, Sem 2: 6.91 Sem 3: 6.57, Sem 4: 6		
<b>12th</b>	JHARKHAND ACADEMIC COUNCIL	PAMPAPUR INTER COLLEGE,PALKOT GUMLA,JHARKHAND	82%	2014	English,Physics,Chemistry, Biology,Computer Science
<b>10th</b>	CBSE	SARASWATI VIDYA MANDIR,GUMLA JHARKHAND	8.2CGP	2012	Maths,Science,Hindi,English, Socialscience,Foundation Of It

**Workshop/Training:**

- ◆ 45 days training on ficci research & analysis centre based on food analysis and quality of food in 3 levels :- microbial chemical & instrumentation
- ◆ 15 days training on delhi milk scheme (DMS)
- ◆ workshop on disease diagnostic techniques and sample collection methods on star path lab a one day symposium on antibiotic resistance: a major global threat & annual microbiology festival microquest
- ◆ workshop on spectrophotometry (a hand-on training in spectrophotometry :principles and applications)

**Curricular/Extra-Curricular Activity:**

- ◆ member of NGO (umeed a drop of hope)
- ◆ volunteer in various college programs

**Name:** Tarannum Ansari  
**Date of Birth:** 1998-05-18  
**Permanent Address:** Humayunpur North , Near Imambara , Gorakhnath , Gorakhpur .  
**Current Address:** 580 , Block-E , Dda Flats , Bindapur , Dwarka Sec 2 , New Delhi .



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya College Of Applied Sciences	Sem 1: 6.45, Sem 2: 8.18 Sem 3: 7.5, Sem 4: 7.93		
<b>12th</b>	CBSE	Blossom Senior Secondary School , Maniram , Gorakhpur	86.8 %	2015	Physics , Chemistry , Biology , English , Hindi
<b>10th</b>	ICSE	Springer Public Scool , Gorakhpur	59.8 %	2013	Science ,Maths , English , Hindi ,S.Sc ,Economics Application

**Workshop/Training:**

- ◆ A Hands-on Training in Spectrophotometry: Principles and Applications In Bhaskaracharya College Of Applied Sciences
- ◆ Technical Workshop In Molecular Modelling And Structure Based Drug Designing In Bhaskaracharya College Of Applied Sciences
- ◆ MIS(Computer course) training From Appin Technology Lab

**Curricular/Extra-Curricular Activity:**

- ◆ Volunteered For The Project "Knowledge For All" In NGO - Umeed A drop Of Hope .
- ◆ Volunteered In NGO "Youth For Seva" and under this various campaign are done .

**Name:** Aparna Bhat

**Date of Birth:** 1998-01-15

**Permanent Address:** House Number 51, Lane Number 3, Anand Vihar, Patta Bohri, Jammu, J&K

**Current Address:** E-525, Dda Flats, Bindapur Pocket 3, Dwarka Sector 2, New Delhi.



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya college of applied sciences	Sem 1: 6.64, Sem 2: 7.64 Sem 3: 7.79, Sem 4: 8.14		
<b>12th</b>	CBSE	K.C International School	89.40%	2015	Physics, Chemistry, Biology, English Core, Physical Education.
<b>10th</b>	CBSE	K.C. International School	10 Cgpa	2013	English , Hindi Course-B, Maths, Science, Social Science,

**Curricular/Extra-Curricular Activity:**

- ◆ Member of Dramatics Society (Darpan) of BCAS. At Darpan, we rethink and analyse who we are as a part of this society. And how can we try to eradicate the evils of society by satirical street and stage plays.
  
- ◆ Volunteer for various department events and department fests.

**Name:** Sinchita Kapuria  
**Date of Birth:** 1997-02-06  
**Permanent Address:** B 607, Karor Apts, Sec 6, Plot 39C, Dwarka, New Delhi 110075  
**Current Address:** B 607, Karor Apts, Sec 6, Plot 39C, Dwarka, New Delhi 110075



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya College of Applied Sciences	Sem 1: 6.91, Sem 2: 6.82 Sem 3: 6.71, Sem 4: 6.79		
<b>12th</b>	Central Board of Secondary Education	Bal Bharati Public School	92%	2015	English, Physics, Chemistry, Biology, Psychology
<b>10th</b>	Central Board of Secondary Education	Bal Bharati Public School	10 CGPA	2013	English, Hindi, Maths, Science, Sst

**Workshop/Training:**

- ◆ Training at FICCI Research and Analysis Centre for 45 days.

**Curricular/Extra-Curricular Activity:**

- ◆ Secretary at Rage Western Dance Society.
- ◆ Secured first position in group dance competition in: 1. Apeejay School of Management. 2. Shaheed Rajguru College of Applied Sciences for Women. 3. International Management Institute. 4. Rukmini Devi Institute of Advanced Studies.
- ◆ Secured third position in group dance competition of Vivekananda Institute of Professional studies

## Department of Physics

Physics is one of the most sought- after academic disciplines. Needless to say, that the understanding of the physical phenomena has led to development of new technologies and new ideas.



The B.Sc (Honours) Physics is a three year undergraduate program. It intends to provide a broad-based education at undergraduate level to facilitate an early induction to global research scenario. The program is interdisciplinary with necessary flexibility to provide an overview of the entire gamut of important and recent scientific developments. The curriculum encompasses theoretical, experimental, and computational aspects of Physics education. Sufficient exposure is to be provided on Mathematics, Chemistry, and Electronics. The curriculum provides a thorough understanding of fundamentals subjects in order to enable students to cope with the challenges of modern research. There are lots of options for students Physics graduates. They can pursue higher education like from institutes like IISERS, DU, IIT's. The graduated students are doing exceeding well in higher education and professional areas.

The laboratories are equipped with latest and sophisticated equipment's required to give the experimental exposure. Some of the key equipment's include Digital Storage Oscilloscope, Spectrometers (10 sec least count), Laser Kits, Universal Interferometer, Ultrasonic Grating Experimental Kit with CCD Camera, Four- Probe set up with USB interface, P-E Hysteresis Kit etc. We have introduced both quantitative (problem-oriented) and qualitative (motivational in nature) approach to experiments in our laboratories.

## Departmental activities



The Physics Society “*QUBIT*” organizes academic activities which include visits to research institutions, lectures from eminent speakers to motivate students and update the students about research activities. The team comprising of Physics (H) students bagged 4<sup>th</sup> position in the Quiz competition organized by University of Delhi. Last year, the Physics Society conducted visits to National Physical Laboratory, Inter University Accelerator Centre India International Science Festival held at National Physics Laboratory, New Delhi. The popular lectures on *Embedded Systems, Current trends and single crystal growth and various fellowship schemes for the students* were also organized in the College. The students seeking admission to this course are strongly recommended to study Mathematics and Chemistry subjects. This would be of help while seeking admission to M.Sc. and other degree courses.

## Faculty details

Name	Qualification	Specialization
<b>Dr. Anand Bharadvaja (Teacher-In-Charge)</b>	Ph.D. (D.U.)	Atomic and Molecular Physics
Dr. Vandana Batra	Ph.D. (D.U.)	Cosmic Rays
Dr. Meetu Luthra	Ph.D. (D.U.)	Cosmology
Dr. Partha S. Pal	Ph.D. (D.U.)	Computational Physics
Mr. Vikas Tyagi (on leave)	M.Sc. (D.U.)	Quantum Field theory
Mr. Sandeep Kumar (on leave)	M.Tech. (IIT Roorkee)	Solid State Materials
Mr. Ramesh Kumar (on leave)	M.Tech. (IIT Delhi)	Optoelectronics
Mr. Kavindra Kumar	M.Tech. (IIT Kharagpur)	Computer Science
Dr. Jagjit Singh	Ph.D. (D.U.)	Atomic Physics
Dr. Mahesh Chand	Ph.D. (CSIR-NPL)	Material Science

## Industries/ organizations associated with department

- Inter-University Accelerator Center (IUAC), Delhi
- National Physical Laboratory (NPL), Delhi
- IIT, Delhi
- DRDO, Delhi
- SSPL, Delhi
- ARIES, Nainital
- NIT, Jalandhar
- IIT, Roorkee
- IIT, Kanpur

## Syllabus / Course details

SYLLABUS STRUCTURE					
SEMESTER-I		SEMESTER-III		SEMESTER-V	
CC-1**	Mathematical Physics-I	CC-5**	Mathematical Physics-II	CC-11**	Quantum Mechanics and Applications
CC-2**	Mechanics	CC-6**	Thermal Physics	CC-12**	Solid State Physics
AECC-1^ GE-1*	English/ Environmental Science	CC-7**	Digital Systems and Applications	DSE-1#	
		SEC-1#		DSE-2#	
		GE-3*			
SEMESTER-II		SEMESTER-IV		SEMESTER-VI	
CC-3**	Electricity and Magnetism	CC-8**	Mathematical Physics-III	CC-13**	Electromagnetic Theory
CC-4**	Waves and optics	CC-9**	Elements of Modern Physics	CC-14**	Statistical Mechanics
AECC-2^ GE-2*	English/ Environmental Science	CC-10**	Analog Systems and Applications	DSE-3#	
		SEC-2#		DSE-4#	
		GE-4*			

\*\*Core Courses; ^Ability Enhancement Compulsory Course; \*Generic Elective – To be selected from papers offered by other Departments of the college; #Skill Enhancement Course and Discipline Specific Elective Course – To be selected from papers offered by the Department of Physics.

SKILL ENHANCEMENT AND DISCIPLINE SPECIFIC ELECTIVE PAPERS OFFERED BY DEPARTMENT OF PHYSICS					
Skill Enhancement Papers			Discipline Specific Elective Papers		
SEC-1	Computational Physics Skills			<b>Odd Semester (any 2)</b>	
SEC-2	Applied Optics			DSE-1	Advanced Mathematical Physics-I
				DSE-2	Nuclear and Particle Physics
				DSE-3	Physics of Devices and Communication
				DSE-4	Astronomy and Astrophysics
				DSE-5	<b>Even Semester (any 2)</b>
				DSE-6	Advanced Mathematical Physics-II
				DSE-7	Communication System
				DSE-8	Nano Materials and Applications Dissertation

**Name:** Arnob Sarkar  
**Date of Birth:** 1996-12-27  
**Permanent Address:** Pocket No. D1/C Flat No. 13C Janakpuri New Delhi - 110058  
**Current Address:** Pocket No. D1/C Flat No. 13C Janakpuri New Delhi - 110058



**Academic Qualification:**

	University/ Board	Institution	Percentage / CGPA	Year of Passing	Subjects/Stream
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya College of Applied Sciences	Sem 1: 7.18, Sem 2: 7.37 Sem 3: 8.54, Sem 4: 8.14		
<b>12th</b>	Central Board of Secondary Education	Bal Bharati Public School, Dwarka	94.2	2015	Physics, Chemistry, Mathematics, English, Computer Science
<b>10th</b>	Central Board of Secondary Education	Bal Bharati Public School, Dwarka	9	2013	English, Hindi, Mathematics, Science, S.St., C++(Basic)

**Workshop/Training:**

- ◆ Attended workshop on Ethical Hacking (Level 1), organised by CS department of Bhaskaracharya College of Applied Sciences instructed by Hackveda. Cleared Level 1 of Ethical Hacking held at the above mentioned institute.
- ◆ Attended lectures by famous professors of Physics in various colleges like Shivaji College, Dyal Singh College, etc.

**Curricular/Extra-Curricular Activity:**

- ◆ CBSE and Zonal (Dwarka) level Football player during School days. Reached Quarter Finals in CBSE tournament held at Cambridge Foundation School during the session 2013-2014.
- ◆ Compering in various events held at Bhaskaracharya College of Applied Sciences, Dwarka, like Annual Day, Alumni Meet, etc.
- ◆ Runner Up at IRC League (State Level Robotics Championship) - 2013 held at Bal Bharati Public School, Dwarka.

**Name:** Km Shivani Mishra  
**Date of Birth:** 1999-01-19  
**Permanent Address:** 71 /41A/19 Tilak Nagar Allahapur Allahabad  
**Current Address:** 71 /41A/19 Tilak Nagar Allahapur Allahabad



**Academic Qualification:**

	University/ Board	Institution	Percentage / CGPA	Year of Passing	Subjects/Stream
<b>B.Sc. (Hons)</b>	UNIVERSITY OF DELHI	BCAS DWARKA SECTOR-2 New Delhi-110075	Sem 1: 5.36, Sem 2: 5.36 Sem 3: 5.71, Sem 4: 6.14		
<b>12th</b>	UP BOARD	Divyabha girls inter college	91%	2015	Hindi, English, Mathematics, Physics, Chemistry
<b>10th</b>	UP BOARD	Divyabha girls inter college	82%	2013	Hindi, English, Mathematics, Science Social Science Computer

**Workshop/Training:**

- ◆ I have done workshop in quantum physics, In workshop I learn about quantum computing to do on cloud and evolution of quantum theory and did so many exact analytic solution.
- ◆ I have done workshop in Vedic Mathematics.
- ◆ I have done workshop in "BIG DATA AND HADOOP"

**Curricular/Extra-Curricular Activity:**

- ◆ Volleyball Player
- ◆ Interested in doing Painting and Fine arts

**Name:** Shubham

**Date of Birth:** 1997-11-12

**Permanent Address:** Ashok Vihar, Chhoti Mukhani, Haldwani, Nainital, Uttrakhand, 263139

**Current Address:** G-247A Ground Floor, Vishwas Park, Uttam Nagar, New Delhi, 110059



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	Delhi University	Bhaskaracharya College Of Applied Sciences	Sem 1: 6.91, Sem 2: 8.85 Sem 3: 9.11, Sem 4: 9.21		
<b>12th</b>	CBSE	Cynthia Senior Secondary School	92	2015	Physics, Chemistry, Maths, English, Physical Education
<b>10th</b>	CBSE	Cynthia Senior Secondary School	9.6	2013	Maths, Science, Social Science, Hindi, English

**Curricular/Extra-Curricular Activity:**

- ◆ NSS B-Certificate
- ◆ Participated in various co-curricular activities(Poster Making, Poem writing, Article writing etc.)
- ◆ Have volunteered in various activities in college.

**Name:** Abhaya Pratap Singh  
**Date of Birth:** 2000-07-10  
**Permanent Address:** Near S.V.M. I.C. Shyam Nagar Farrukhabad U.P.-209625  
**Current Address:** A-4 SSS Group Pg Pipal Wali Gali Mahavir Enclave Dwarka-110045



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University Of Delhi	Bhadkarachrya College Of Applied Sciences	Sem 1: 5.36, Sem 2: 5.82 Sem 3: 7, Sem 4: 6.07		
<b>12th</b>	U.P. Board	C P V Niketan Kaimganj Farrukhabad	86.4	2015	Mathematics,Physics, Chemistry,Hindi,English
<b>10th</b>	U.P. Board	S.V.M. H.S.S. Shyam Nagar Farrukhabad	86.3	2013	Hindi,English,Mathematics, Science,Social Science, Sanskrit

**Name:** Ravi Prakash

**Date of Birth:** 1997-07-10

**Permanent Address:** Vill-Khetausa, Post-Bhalla Buzurg, District-Lakhimpur Kheri, State-Uttar

**Current Address:** B/2 Palam Vill New Delhi 110045

**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	university of delhi	bhaskaracharya college of applied sciences	Sem 1: 6.45, Sem 2: 6.36 Sem 3: 5.86, Sem 4: 5.36		
<b>12th</b>	allahabad up board	gurunanak inter college pahanpur usha form khiri	85.4	2015	physics, mathematics, general hindi, chemistry, english
<b>10th</b>	allahabad up board	saradar ballabh bhai Patel inter college pareli khiri	82.16	2013	hindi, english, mathematics, drawing, science, social science

**Name:** Shivanand Gautam  
**Date of Birth:** 1997-11-02  
**Permanent Address:** House No 244 Sriram Colony Nagod Satna Madhya Pradesh  
**Current Address:** A4 Pipal Wali Gali Dwarka Sector-01 New Delhi



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University Of Delhi	Bhaskaracharya College Of Applied Sciences Dwarka Sector -02	Sem 1: 67.3, Sem 2: 80 Sem 3: 80.7, Sem 4: 85.7		
<b>12th</b>	Board Of Secondary Education Bhopal Madhya Pradesh	Saraswati Higher Secondary School Nagod Satna Madhya Pradesh	90.6	2015	Hindi,English,Mathematics, Physics,Chemistry
<b>10th</b>	Board Of Secondary Education Bhopal Madhya Pradesh	Saraswati Higher Secondary School Nagod Satna Madhya Pradesh	88.8	2013	Hindi,English,Sanskrit, Mathematics,Science,Social Science

**Workshop/Training:**

- ◆ Training in "Basic And Core Java" By "Gokart System And Education".
- ◆ Training in "Basic C Language" By "Gokart System And Education".
- ◆ Workshop in "C++ Language" By Robosapiens Venue in IIT DELHI.
- ◆ Training in "Basic And Core Robotics" By Gokart System And Education.
- ◆ Workshop of "Quantum Physics",Organised by Kalindi College ,University Of Delhi.

**Curricular/Extra-Curricular Activity:**

- ◆ I'm selected in "Inspire, Department Of Science And Technology" for a higher education.

**Name:** Venkatesh Mishra  
**Date of Birth:** 1998-11-24  
**Permanent Address:** Vishnu Vihar Colony Kothideeh Vikas Bhawan Barabanki  
A-4, SSS Pg, Mahavir Enclave-1, New Delhi-110045  
**Current Address:**



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University Of Delhi	Bhaskaracharya College of Applied Sciences New Delhi-110075	Sem 1: 6.45, Sem 2: 6.82 Sem 3: 7.21, Sem 4: 7.71		
<b>12th</b>	UP BOARD	Maharani Laxmi Bai Memo Inter College Barabanki	91.20%	2015	Hindi, English, Mathematics, Physics, Chemistry
<b>10th</b>	UP BOARD	Saraswati B M Inter College Rath Hamirpur	91.5	2013	Hindi, English, Mathematics, Science Social Science Sanskrit

**Workshop/Training:**

- ◆ I have done workshop in quantum physics, In workshop I learned about quantum computing to do on cloud and evolution of quantum theory and did so many exact analytic solution based on Quantum Physics.
- ◆ One day training in ethical hacking, and qualified level-1 exam.
- ◆ Vedic Mathematics
- ◆ Some slide training in Astronomy and Astrophysics.
- ◆ Selected in Inspire Scholarship batch 2015 offered by Department of Science and technology.

**Curricular/Extra-Curricular Activity:**

- ◆ Reading books and magazines.
- ◆ Fond of playing Cricket.

**Name:** Ankit Arya  
**Date of Birth:** 1998-05-08  
**Permanent Address:** Vill gudamb post phalawda ,tehsil mawana ,dist Meerut ,uttar Pradesh 250401  
**Current Address:** Maan niwas ,Gali no 50 ,Mahavir enclave part 3 ,dwarka sec 2 ,new delhi



**Academic Qualification:**

	University/ Board	Institution	Percentage / CGPA	Year of Passing	Subjects/Stream
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskrachrya college of applied sciences	Sem 1: 6.73, Sem 2: 7.51 Sem 3: 5.73, Sem 4: 6		
<b>12th</b>	CBSE	Gen bc Joshi Army college of applied sciences,pithoragarh	90.20%	2015	Physics, Chemistry, Mathematics
<b>10th</b>	Cbse	Spring dales public school	9.6	2013	Science, Mathematics, Social Sciences, English,Hindi

**Curricular/Extra-Curricular Activity:**

- ◆ House Captain
- ◆ Abvp tehsil pramukh Meerut dist

**Name:** Abhimanyu Singh  
**Date of Birth:** 1998-11-28  
**Permanent Address:** T-2 B 302 Omaxe Palm Greens , Sector Mu , Greater Noida  
**Current Address:** E 544 Dda Flats , Bindapur, New Delhi



**Academic Qualification:**

	University/ Board	Institution	Percentage / CGPA	Year of Passing	Subjects/Stream
<b>B.Sc. (Hons)</b>	Delhi University	Bhaskaracharya college of applied sciences	Sem 1: 6.73, Sem 2: 7.02 Sem 3: 5.04, Sem 4: 5.86		
<b>12th</b>	CBSE	Ryan International School	86.8	2015	Physics, Chemistry, Maths, English, Physical education
<b>10th</b>	CBSE	Ryan International school	8.6	2013	English, Hindi, maths, science, social science

**Workshop/Training:**

- ◆ Completed Internship in Tamilnadu at CV Raman Krishnan Institute as research work.

**Curricular/Extra-Curricular Activity:**

- ◆ 2016 Uttar Pradesh State Rank holder in Chess tournament and participated in senuors Chess championship in 2016 and 2017
- ◆ 2015, 2016 and 2017 chess champion of college
- ◆ 2017 Badminton and Table tennis champion of college

## DEPARTMENT OF PHYSICAL EDUCATION AND SPORTS



### Details of dept. and infrastructure

The college encourages students for their holistic development through sports in and out of the college campus. The college sports facility consists of one basketball court, volley ball court, cricket ground, football ground, lawn tennis court, two badminton court, table tennis room, gymnasium to see that maximum development of the students. College not only takes care of physical development but mental, social, emotional, spiritual and intellectual development is also given equal value through physical education and sports. Our college students participated in various sports events organized by University of Delhi and other institutes.

#### Achievements:

1. Nishant Sindhu of B.Sc. (H) 2<sup>nd</sup> year, Department of Electronics is selected for **Indian Shooting squad** in 10m and 50 m pistol shooting for the session 2017-18.
2. Nishant Sindhu of B.Sc. (H) 2<sup>nd</sup> year, Department of Electronics secured 3<sup>rd</sup> position in **All India Inter- University 10 m Air Pistol and Air Rifle Shooting Championship** 2017-18, held at GND University , Amritsar in October 2017.
3. Nishant Sindhu of B.Sc. (H) 2<sup>nd</sup> year, Department of Electronics secured 2<sup>nd</sup> position at **61<sup>st</sup> National Shooting Championship** (Rifle and Pistol) organized by National Rifle Association of India at Thiruvananthapuram, Kerla, 2017.
4. Nishant Sindhu of B.Sc. (H) 2<sup>nd</sup> year, Department of Electronics secured 3<sup>rd</sup> position in trials for **World University Trials in 10 m Air Pistol and Air Rifle Shooting Championship** 2017-18,
5. Ujjawal of B.Sc. (H) 1<sup>st</sup> year, Department of Chemistry represented Manipur in **National cricket (Under 23 years)** organized by BCCI.
6. Dimple Kaushil of B.Sc. (H) 3<sup>rd</sup> year, Department of Electronics secured 2<sup>nd</sup> position in **1<sup>st</sup> Delhi State Yoga Championship** organized by Yogic Lifestyle Foundation on 5 & 6 Oct. 2017.

#### FACULTY DETAILS

**Dr. Pawan Kumar Dabas, Ph.D, University of Delhi,**

**Specialization: Sports Physiology**



**Topic of Ph.D- A Demographic Study on Autonomic Function of Retired Sportsperson Belonging to Selected Games and Sports Predominated by Power and Aerobic Capacity**

## DEPARTMENT OF POLYMER SCIENCE



Only College in India offering B.Sc.(H) Polymer Science. Department of Polymer Science has well equipped laboratories to train the students with synthesis, processing and testing of polymers insight into the subject as prescribed by the syllabus. The course is designed to provide adequate subject exposure to students for most of dimensions of requirement of polymer based industries and academia. Apart from the syllabi experiments, students are also exposed to handling, maintenance and troubleshooting of different analytical equipment available in the laboratories. Students are also exposed to newer developments in the subject by project work, conferences industrial training and visits, workshops etc., which enhances their skills to better services in different capacity. Department has most of required equipment along with several advanced equipment's like Single Screw Extruder, Two- Roll Mill, Injection Molding Machine, Compression Molding Machine, Universal Testing Machine, Izode Impact Tester, Viscometers Flammability tester, Permeability Tester, Resistivity Tester Oscillating Disc Rheometer, Abrasion tester, Rockwell Hardness Tester, Fourier Transform Infrared Spectrometer and Homogenizer.

## DEPARTMENTAL ACTIVITIES



**Alumni Meet April 1<sup>st</sup> 2017**

## **INDUSTRIAL VISITS**

- B.Sc (H) 3rd Year students along with faculty members visited Nidhi Enterprises at Bawana on 11th Jan.2017.
- Students of polymer science along with faculty members attended conference on “Sustainable Infrastructure with plastics” on 23<sup>rd</sup> Feb. 2017.
- B.Sc (H) 3<sup>rd</sup> Yr. students with faculties visited “Tool Room & Training Centre” on 24<sup>th</sup> march 2017.
- Students along with faculty members visited Relaxo, Sept. 09, 2017
- Students visited along with faculty members, University Science Instrumentation Centre (USIC) Visit Oct. 18<sup>th</sup> 2017
- Polymer Science students along with faculty members visited Indiapack Pacprocess at Pragati Maidan on 28<sup>th</sup> Oct. 2017



**Relaxo Visit, Sept. 09, 2017**



**University Science Instrumentation Centre  
Visit Oct. 18<sup>th</sup> 2017**



**Indiapack Pacprocess Visit on 28<sup>th</sup> Oct. 2017**

## **FACULTY DETAILS**

S.NO	NAME	DEGREE	SPECIALIZATION
1	Dr. S. K. Shukla (Teacher-In-Charge)	Ph.D.	Polymer Characterization
2	Dr. Sidhharth Sirohi	Ph.D.	Controlled Polymerization, Composite Nanofibres
3	Dr. Susmita Dey Sadhu	Ph.D.	Rubber Technology
4	Dr. Krishna Dutt	Ph.D.	Polymer Recycling
5	Dr. Umesh Kumar	Ph.D.	Polymer Chemistry
6	Dr. Anil Barak	Ph.D.	Anionic Polymerization
7	Dr. Prem Lata Meena	Ph.D.	Inorganic Polymers
8	Dr. Pradeep Kumar Muwal	Ph.D.	Organic Chemistry

**ASSOCIATED INDUSTRIES/COMPANIES/R&D ORGANIZATIONS WITH  
DEPARTMENT**

University of Delhi	Anton Paar	Jubilant Organosys Ltd.
Indian Oil Corporation Ltd.	Reliance	GAIL
BPCL	Bayer	Supreme Industries Ltd.
Premier Polyfilm Ltd.	V. K. Polycoats Ltd.	Bridge stone Tyres
Relaxo	Minda Industries	Havels
DRDO, Delhi	BARC	CSIR, Delhi
NPL, Delhi	SABIC	Asian Paints Ltd.
Rapid Coat	Uflex India Ltd.	Dabur India Ltd.
Paharpur Industries Ltd	Maruti Enterprises	IIT, Delhi
Ministry of Small Scale Medium	Mahle Filter System India Ltd., Gurgoan	IIT, Khargpur
DTU, Delhi	GGSIP University	
Jawahar Lal Nehru University, Delhi	Pluss Advanced Technologies Pvt. Ltd.	

**COURSES DETAILS OF B. Sc. (H) POLYMER SCIENCE**

CBCS SYLLABUS STRUCTURE B.Sc.(Hons) Polymer Science		
SEMESTER-I	SEMESTER-III	SEMESTER-V
AEC-I compulsory: English Communications/ Environmental Science		C-501: Polymer Characterization C-502: Specialty Polymers
C-101: Introduction to Polymer Science C-102: Raw Material of Polymers	C-301: Polymer Rheology C-302: Polymer Additives C-303: Polymer Degradation	
GE -1: Theory+ Practical/Tutorial	Skill enhancement course-1: SEC-1 GE -2: Theory+ Practical/Tutorial	DSE -1: Theory+ Practical/Tutorial DSE -2: Theory+ Practical/Tutorial
SEMESTER-II	SEMESTER-IV	SEMESTER-VI
AEC-II compulsory: Environmental Science/ English Communications	C-401: Polymer Processing and Mold Design C-402: Polymer Testing C-403: Recycling and Waste Management	C-601: Polymer Blends and Composites C-602: Fiber Science and Rubber Technology
C-201: Polymer Technology C-201: Unit Operation	Skill enhancement course-2: SEC-2 GE -4: Theory+ Practical/Tutorial	DSE -3: Theory+ Practical/Tutorial DSE -4: Theory+ Practical/Tutorial
GE -2: Theory+ Practical/Tutorial		

**Name:** Urvee Patel  
**Date of Birth:** 1997-01-19  
**Permanent Address:** B107, Plot-4, Sector-4, Umiya Sadan Appt., Dwarka, New Delhi-110075  
**Current Address:**



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	university of delhi	bhaskaracharya college of applied sciences	Sem 1: 7.82, Sem 2: 7.73 Sem 3: 8, Sem 4: 7.57		
<b>12th</b>	central board of secondary education	modern convent school	93	2015	physics, chemistry, maths, economics, english
<b>10th</b>	central board of secondary education	modern convent school	9.2	2013	english, hindi, maths, science, social studies

**Workshop/Training:**

- ◆ summer training at bhaskaracharya college of applied science

**Curricular/Extra-Curricular Activity:**

- ◆ poster presentation in a seminar of green polymers.
- ◆ volunteering for seminars held within college related to polymers

**Name:** Himanshu Kumar Bhatt

**Date of Birth:** 1997-06-06

**Permanent Address:** Vill-Dudha Chaturi,P.O- Shikarpur,P.S-Majhowlia,Dist.- West Champaran Bihar

**Current Address:** Rzi- 124 , Mahavhir Enclave-1 , Dwarka Sector-1 ,New Delhi



#### **Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya college of applied sciences	Sem 1: 6.18, Sem 2: 6.55 Sem 3: 6.79, Sem 4: 6.71		
<b>12th</b>	Central Board Of secondary Education	Kendriya vidyalaya No-3 Gwalior	79.4	2015	Physic, chemistry, Biology, Mathematics, English
<b>10th</b>	Central Board of secondary Education	Kendriya vidyalaya No-3 Gwalior	91.2	2013	Science, Mathematics, social studies, English, Hindi

#### **Workshop/Training:**

- ◆ Participated in third" National conference on sustainable infrastructure with plastic23 Feb 2017
- ◆ Done project work at Indian rubber manufacturer and research association, than Maharashtra, 1junr- 31 July 2017

#### **Curricular/Extra-Curricular Activity:**

- ◆ 3rd position in quize and seminar held under ragionl level jawaharlal Nehru science, Mathematics and environment exhibition, at kendriya vidyalaya No-3 Gwalior on 30th- 31st oct.2014
- ◆ Participated in National science day quize competition, 28 Feb , 2011, after securing first position at K.v.s regional and cluster level
- ◆ Participated in Arnima 2013 of Maharaja institute of Management and technology, Gwalior

**Name:** Vivek Kumar Pandey

**Date of Birth:** 1998-01-01

**Permanent Address:** Vill-Khajuriya Garvi,Post-Dhekahri Bujurg,Distt-Siddharth Nagar,U.P.-272201

**Current Address:** B-257,Type-A,Pkt-3,Bindapur,Dwarka, New Delhi-110059



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya College of Applied Sciences	Sem 1: 5.91, Sem 2: 6.36 Sem 3: 5.93, Sem 4: 6.36		
<b>12th</b>	Board Of High School & Intermediate Education U.P.	R.P.J. Saraswati Shishu Mandir I.C.Siddharth Nagar	87%	2014	Hindi,English,Mathematics, Chemistry,Physics
<b>10th</b>	Board Of High School & Intermediate Education U.P.	R.P.J. Saraswati Shishu Mandir H.S.S.Siddharth Nagar	81.66%	2012	Hindi,English,Mathematics, Science,Social Science, Sanskrit

**Workshop/Training:**

- ◆ two month summer training of manufacturing of water storage tank of Linear Low Density Polyethylene by rotational molding process.

**Curricular/Extra-Curricular Activity:**

- ◆ A poster presentation on “Dye Sensitized Solar Cells: The Unceremonious Ambit of Solar Energy” in two day national conference on “Clean and Green Energy: The Chemical & Environmental Aspects” from Bhaskaracharya college of Applied Sciences
- ◆ Attend technical conference on “Emerging Dimensions and Challenges for Polymer And Chemical engineers” from Delhi Technical University.
- ◆ Attend 3rd national conference on “Sustainable Infrastructure with Plastic” at FICCI.
- ◆ Attend one day workshop on “Vedic Mathematics” from Bhaskaracharya College of Applied Sciences.
- ◆ Volunteer in “NATIONAL SERVICE SCHEME (NSS)” in 2nd year at B.C.A.S.
- ◆ Volunteer in “ANTI TOBACCO CELL” in 1st year at Bhaskaracharya College of Applied Sciences.
- ◆ Participate in “Slogan writing Competition on Odd – Even Formula” held in B.C.A.S.
- ◆ Participate in “Plantation Program” with Sanrakshan – Green Campaign held in B.C.A.S.
- ◆ Participate in "Run for Brotherhood" in talkatora stadium N.D. organised by "Vivekanand kendra Kanyakumari".

**Name:** Sahil  
**Date of Birth:** 1997-10-01  
**Permanent Address:** 3630/6 Kanhya Nagar Trinagar Delhi  
**Current Address:** 3630/6 Kanhya Nagar Trinagar Delhi



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of delhi	Bhaskaryacharya college of applied sciences	Sem 1: 6.91, Sem 2: 7.73 Sem 3: 8.64, Sem 4: 7.91		
<b>12th</b>	Cbse	Sd public school uchana jind haryana	87.4	2015	Physics,chemistry, mathematics,English,physical education
<b>10th</b>	Cbse	Shivaniaa public school uchana jind haryana	9.6	2013	English,Hindi,math,science, sst

**Name:** Aman Kumar Singh

**Date of Birth:** 1995-05-23

**Permanent Address:** 123/12/03, Street No.-09, Main Market, Sant Nagar, Burari, Delhi-84

**Current Address:**



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya college of applied sciences	Sem 1: 6.73, Sem 2: 6.91 Sem 3: 6.64, Sem 4: 6.29		
<b>12th</b>	Central Board of Secondary Education	Mount Olivet Sr. Sec. School	91%	2014	Physics, Chemistry, Mathematics, English, Physical Education
<b>10th</b>	Central Board of Secondary Education	Mount Olivet Sr. Sec. School	8.6	2012	English, Mathematics, Science, Social science, Hindi

**Workshop/Training:**

- ◆ K.M.Enterprises, J-3233, DSIDC, industrial area, Narela, delhi

**Curricular/Extra-Curricular Activity:**

- ◆ Volunteer for BASS in college

**Name:** Deepak Rawal  
**Date of Birth:** 1997-08-20  
**Permanent Address:** A-3/71, Sector 16, Rohini, Delhi  
**Current Address:** A-3/71, Sector 16, Rohini, Delhi



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya college of applied sciences	Sem 1: 6.64, Sem 2: 6 Sem 3: 6.86, Sem 4: 7		
<b>12th</b>	CBSE	Kendriya vidyalaya	81	2015	Math, Chemistry, Physics, English, Computer Science
<b>10th</b>	CBSE	Kendriya vidyalaya	9.4	2013	Math, Science, English, Hindi, Sst

**Name:** Vivek  
**Date of Birth:** 1999-01-06  
**Permanent Address:** House No. 32 Poker B-6 Sec. 3 Rohini Delhi  
**Current Address:** A 40 Bajaj Enclave Extension Dwarka Mor Delhi



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya collage of applied science	Sem 1: 6.18, Sem 2: 4.73 Sem 3: 6, Sem 4: 7.2		
<b>12th</b>	cbse	Gurukul Kurukshetra	88.6	2015	Mathematics, physics, chemistry, English, sanskrit
<b>10th</b>	cbse	Gurukul Kurukshetra	8.4	2013	Science, mathematics, English, social sst, sanskrit, Hindi

**Name:** Nakul Mahajan  
**Date of Birth:** 1997-05-23  
**Permanent Address:** Mehak The Boutique,opp. Hotel Premier,Residency Road,Jammu  
**Current Address:**



**Academic Qualification:**

	University/ Board	Institution	Percentage / CGPA	Year of Passing	Subjects/Stream
<b>B.Sc. (Hons)</b>	University of Delhi	BCAS	Sem 1: 5.81, Sem 2: 3.55 Sem 3: 5, Sem 4: 4.91		
<b>12th</b>	CBSC	DPS,Jammu	87.2	2015	Non-Med
<b>10th</b>	CBSC	DPS,Jammu	10	2013	

**Name:** Sachin Sharma  
**Date of Birth:** 1997-08-08  
**Permanent Address:** 367 - Ground Floor Shakti Khand 1 Indirapuram Ghaziabad Uttar Pradesh  
**Current Address:**



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	bhaskaracharya college of applied sciences	Sem 1: 7.45, Sem 2: 7.91 Sem 3: 7.5, Sem 4: 8.5		
<b>12th</b>	cbse	modern school	89	2015	english, maths, physics, chemistry, computer science,
<b>10th</b>	cbse	modern school	9.4	2013	english, hindi, math, science, social studies, computer

**Workshop/Training:**

- ◆ 2 months training/ project at Indian rubber manufacturers research association, thane maharashtra

**Name:** Pankaj Kumar Tomar  
**Date of Birth:** 1999-05-01  
**Permanent Address:** Vill-Samaspur Hussainpur Distt.-Bijnor (Up)  
**Current Address:** 204 Om Vihar Phase 1 A Uttam Nagar West



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	bhaskaracharya college of applied sciences , dwarka sec.-2	Sem 1: 6.73, Sem 2: 6.91 Sem 3: 6.5, Sem 4: 7.93		
<b>12th</b>	Board of High School and Intermediate Education U.P. Allahabad	Balram kunwar saraswati vidya mandir , Nehtor (Bijnor)	90.2	2015	science (PCM)
<b>10th</b>	Board of High School and Intermediate Education U.P. Allahabad	Balram kunwar saraswati vidya mandir , Nehtor (Bijnor)	85.6	2013	english,hindi,maths,science, social science,arts

**Name:** Amit Kumar Jha  
**Date of Birth:** 1996-01-09  
**Permanent Address:** D-923 Street No.-21 Jankalyan Road Bhajanpura Delhi-110053  
**Current Address:** D-923 Street No.-21 Jankalyan Road Bhajanpura Delhi-110053



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya college of applied sciences	Sem 1: 7.64, Sem 2: 8 Sem 3: 7.64, Sem 4: 7.93		
<b>12th</b>	Central board of secondary education	Government boys senior secondary school No.-1	80.4	2015	English, Physics, Chemistry, Mathematics, Biology
<b>10th</b>	Central board of secondary education	R.D.J.K. government boys senior secondary school	7.8	2013	English, Hindi, Mathematics, Science, Social Studies

**Name:** Saiyam Dobhal  
**Date of Birth:** 1996-05-10  
**Permanent Address:** 1560 C, Block E, Sector 49, Sainik Colony, Faridabad, Haryana, 121001  
**Current Address:** 204, Om Vihar, Phase 1A, Uttam Nagar, New Delhi, 110059



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	university of delhi	bhaskaracharya college of applied sciences	Sem 1: 9, Sem 2: 9.18 Sem 3: 8.64, Sem 4: 8.93		
<b>12th</b>	central board of secondary education	Lal bahadur shastri smarak (JAVM) sr. sec. school	91.8	2015	physics, chemistry, maths, english, physical education
<b>10th</b>	central board of secondary education	St. thomas sr. sec. school	9.4	2012	science, social studies, hindi, english, maths, IT

**Workshop/Training:**

- ◆ Completed the Innovation Project (BCAS-303) entitled Development of Novel Eco-Friendly Printable Packaging Films for Industrial Applications (May 2016– June 2016)
- ◆ carried out summer training at BCAS, DU (2017)

**Curricular/Extra-Curricular Activity:**

- ◆ Presented a poster titled “Green polymers” at one day seminar on “Polymer Modification, Processing and Characterization” organized at Bhaskaracharya College of Applied Sciences (2015)
- ◆ Attended CONFLUENCE- Annual Technical Conference on “Emerging Dimensions and Challenges for Polymer and Chemical Engineers” by TATVA at Delhi Technological University (2015)
- ◆ Attended the 2nd national conference on “Plastics Packaging- The V Choice” organised by FICCI (2016)
- ◆ Volunteered at seminar on Intellectual Property Rights organised by ministry of small and medium enterprises (msme) held at Bhaskaracharya college of applied sciences
- ◆ Attended the 3rd National conference on “Sustainable Infrastructure with Plastics” organised by FICCI (2017)
- ◆ Presented a poster titled “Dye sensitized solar cells: The Unceremonious Ambit of Solar energy” at National Conference on Green Energy (NCGE 2017) organised at Bhaskaracharya College of Applied Sciences
- ◆ Volunteered at National Conference on Green Energy(NCGE 2017) organised at Bhaskaracharya College of Applied Sciences

**Name:** Rajat Kumar Singh

**Date of Birth:** 1995-03-26

**Permanent Address:** Village:Singhitala, P.O:Dhamar, District:Bhojpur, Arrah, Bihar

**Current Address:** C-24,B, Gali No 14, Madhu Vihar, New Delhi



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya College of Applied Sciences	Sem 1: 5.55, Sem 2: 4.09 Sem 3: 5.5, Sem 4: 5.43		
<b>12th</b>	Central Board of Secondary Education	Kendriya Vidyalaya Uttarlai, Barmer, Rajasthan	88%	2012	Physics, chemistry, mathematics, computer science, english
<b>10th</b>	Central Board of Secondary Education	Kendriya Vidyalaya No 1, AFS, Agra, Uttar pradesh	9.4	2010	English, Hindi, mathematics, science, social science

**Curricular/Extra-Curricular Activity:**

- ◆ Debate Society, President
- ◆ College Team, Cricket

**Name:** Divya Mishra  
**Date of Birth:** 1999-09-29  
**Permanent Address:** H. No. 166 /3 Avas Vicas Colony Kasganj, U. P.  
**Current Address:** E-525 Pocket - 3 Bindapur Dwarka, New Delhi



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya college of applied sciences	Sem 1: 5.29, Sem 2: 6 Sem 3: 6.29, Sem 4: 7.14		
<b>12th</b>	Up board	Shri ganesh inter college	87	2015	Hindi, English, physics, chemistry, maths
<b>10th</b>	Up board	Shri ganesh inter college	82	2013	Hindi, English, maths, science, computer, physical education

**Workshop/Training:**

- ◆ Workshop
- ◆ Plastisia

**Curricular/Extra-Curricular Activity:**

- ◆ Sports-cricket volleyball kabbadi
- ◆ Sports-cricket, volleyball kabbadi
- ◆ Sports-cricket, volleyball, kabbadi
- ◆ Yoga, sports - cricket, volleyball, kabbadi

**Name:** Ashutosh Biswas  
**Date of Birth:** 1998-02-03  
**Permanent Address:** Bhihari Nagar ,Firozabad 283203 Uttar Pradesh  
**Current Address:** Rzc 182 Gali No 3 Madhu Vihar Dwarka New Delhi



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of delhi	Bhaskracharya college of applied sciences	Sem 1: 5.09, Sem 2: 6.18 Sem 3: 6.21, Sem 4: 7		
<b>12th</b>	Up board	Brajraj Singh inter college	84.4	2015	Mathematics, physics, chemistry, English,hindi
<b>10th</b>	Up board	Brajraj Singh inter college	85.6	2013	Mathematics,science, social, drawing English, hindi

**Workshop/Training:**

- ◆ Internship in manufacture of polybags of PE

**Curricular/Extra-Curricular Activity:**

- ◆ Volunteer at one day event anti tabacco cell

**Name:** Parth Bidaliya  
**Date of Birth:** 25/11/1997  
**Permanent Address:** Rz-26B, Durga Vihar, Phase-1, Gali No.-18, Deenpur, Najafgarh  
**Current Address:** Rz-26B, Durga Vihar, Phase-1, Gali No.-18, Deenpur, Najafgarh



**Academic Qualification:**

	University/ Board	Institution	Percentage / CGPA	Year of Passing	Subjects/Stream
<b>B.Sc. (Hons)</b>	CBSE	Bhaskaracharya College of Applied Sciences	Sem 1: 8, Sem 2: 8 Sem 3: 7.57, Sem 4: 8		
<b>12th</b>	CBSE	golden valley senior secondary school	74.4	2015	chemsitrty, english, maths, phyiscs, computer science, hindi
<b>10th</b>	CBSE	golden valley senior secondary school	8.8	2013	social science, hindi, english, maths, science,computer

**Workshop/Training:**

- ◆ summer training at bcas dwarka sec.2
- ◆ novel eco-friendly polyester film for packaging for industrial application

**Curricular/Extra-Curricular Activity:**

- ◆ one-day visit at plastasia,pragati maiden(2016)
- ◆ one-day visit at USIC
- ◆ one-day visit at Tool room visit,2017(Azadpur)
- ◆ Anti-tobacco
- ◆ Intelletucal property Rights
- ◆ alumni meet

**Name:** Kaisar Aajad  
**Date of Birth:** 1998-03-23  
**Permanent Address:** Vill-Sareya, Post-Katai Bharpurwa, Dist- Kushinagar,(U.P.),274304  
**Current Address:** C-24, Street No.14, Madhu Vihar



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya College of Applied Sciences	Sem 1: 6.73, Sem 2: 6.45 Sem 3: 6.36, Sem 4: 7.29		
<b>12th</b>	Board of High School and Intermediate Education U.P.	Udit Narayan I.C. Padrauna, Kushinagar	85%	2015	General Hindi, English, Mathematics, Physics, Chemistry
<b>10th</b>	Board of High School and Intermediate Education U.P.	Nehru I.C. Mansachhapor Kushinagar	79.50%	2013	Hindi,English,Mathematics, Science,Social Science, Drawing

**Name:** Shubham Layak  
**Date of Birth:** 1995-12-06  
**Permanent Address:** Villageroad, Govindpur, Dhanbad, Jharkhand 828109  
**Current Address:** Rz 27A, Syndicate Enclave, Raghu Nagar, Dabri-45, New Delhi, 110045



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya College of Applied Sciences, New Delhi	Sem 1: , Sem 2: Sem 3: , Sem 4:		
<b>12th</b>	Cbse	Dhanbad Public School, Dhanbad	87%	2014	Physics, Chemistry, Maths, English, Physical Education
<b>10th</b>	Cbse	Dav public school, sindri	9.6	2012	Maths, Science, sst, english, sanskrit, computer

**Curricular/Extra-Curricular Activity:**

- ◆ President of college music society, State level champion, zonal level participation
- ◆ Debate, district level winner, state level participation
- ◆ Quiz, district level winner
- ◆ Dancing
- ◆ Elocution
- ◆ Mimicrey
- ◆ Acting

**Name:** Avinash  
**Date of Birth:** 1997-04-25  
**Permanent Address:** 147-A /Jg-3 / Vikas Puri / New Delhi-110018  
**Current Address:**



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya college of applied sciences	Sem 1: 7.55, Sem 2: 8.45 Sem 3: 7, Sem 4: 8.14		
<b>12th</b>	Cbse	Kendriya vidyalaya vikas puri	86.7	2015	Physics,Chemistry,Maths, Computer science, English, phy. Edu
<b>10th</b>	Cbse	Kendriya vidyalaya vikas puri	9.4	2013	Maths, science, English, social science, hindi

**Workshop/Training:**

- ◆ Attended workshop on "digital india" organised by "ministry of information and broadcasting"

**Curricular/Extra-Curricular Activity:**

- ◆ Member of national service scheme
- ◆ Member of college dance society
- ◆ Volunteer of anti Tobacco cell

**Name:** Ambikeshwar Dwivedi

**Date of Birth:** 1998-03-05

**Permanent Address:** Shivpuri Colony, Madhukarpur, Siddharth Nagar Uttar Pradesh-272207

**Current Address:**



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya College of Applied Sciences	Sem 1: 5.09, Sem 2: 5.73 Sem 3: 4.14, Sem 4: 6.14		
<b>12th</b>	Board Of High School & Intermediate Education U.P.	R.P.J. Saraswati Shishu Mandir I.C.Siddharth Nagar	88%	2015	Hindi, English, Math, Physics, Chemistry
<b>10th</b>	Board Of High School & Intermediate Education U.P.	R.P.J. Saraswati Shishu Mandir H.S.S.Siddharth Nagar	83.16%	2013	Hindi, English, Math, Science, Social Science, Sanskrit

**Workshop/Training:**

- ◆ Two month summer internship Bhansali Engineering Polymers Limited abu road which is produce Acrylonitrile Butadiene Styrene(ABS) flame retardents.

**Name:** Ratanjeet Pratap Singh

**Date of Birth:** 1998-08-02

**Permanent Address:** Vill+Post- Pipraicha Hata ,Dist-Kushinagar Pincode-274203

**Current Address:** G-33 Gali No-18,40Futta Road ,Jagatpuri, Krisnanagar,New Delhi,110051



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya college of applied science	Sem 1: 6.4, Sem 2: 5 Sem 3: 5.79, Sem 4: 5.79		
<b>12th</b>	U.P board	Janta inter college	78.8	2014	Hindi,English,Physics, Chemistry, Mathematics
<b>10th</b>	UP board	Sant pushpa inter college	83.5	2012	Hindi, English, Mathematics, Science,Social Science, Drawing

**Name:** Avinash Sandilya  
**Date of Birth:** 1998-01-21  
**Permanent Address:** D-410 Dda Flats Bindapur Pocket-Iii Dwarka New Delhi-110059  
**Current Address:** Same As Above



#### **Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya college of applied sciences	Sem 1: 8.27, Sem 2: 8.65 Sem 3: 9.36, Sem 4: 9.14		
<b>12th</b>	Cbse	Kendriya vidyalaya Janakpuri	88.6	2015	Physics,Chemistry,Maths, Computer Science, English, Phy. Edu
<b>10th</b>	Cbse	Kendriya vidyalaya Janakpuri	9.8	2013	Maths, Science, English, Social Science, Hindi

#### **Workshop/Training:**

- ◆ Summer training of 2 months ( june and july, 2017) at IRMRA ( INDIAN RUBBER MANUFACTURER'S RESEARCH ASSOCIATION), a central government authorised institute associated with all kinds of tire and non-tire rubber testing and a lot of big project and research work is going on.
- ◆ Organised and attended a one-day seminar on Polymer modification, processing and characterization.
- ◆ Attended the workshop on Digital India organised by ministry of information and broadcasting, govt of India in collaboration with NSS.
- ◆ Participated in the 3rd national conference on sustainable infrastructure with plastics
- ◆ Presented a poster in national conference on green chemistry

#### **Curricular/Extra-Curricular Activity:**

- ◆ A member of the NSS( national service scheme) of the college.
- ◆ Student coordinator in the departmental society during 2015-2017.
- ◆ Currently the treasurer of the departmental society.
- ◆ Played kabaddi- interdepartmental from the department team.
- ◆ Undergone a research project at IRMRA.
- ◆ Performing innovation projects in the college.

**Name:** Shivam Pandey  
**Date of Birth:** 1998-07-15  
**Permanent Address:** Pure Baldev Pandit Paraspur Gonda U.P.  
**Current Address:** E-91 Ganesh Nagar Pandav Nagar Complex New Delhi



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	university of delhi	bhaskaracharya college of applied science	Sem 1: 5.18, Sem 2: 5.38 Sem 3: 6.21, Sem 4: 6.5		
<b>12th</b>	u.p.	t.s.i.c. paraspur gonda u.p.	87.7	2015	physics ,chemistry,math, hindi, english
<b>10th</b>	u.p.	b.m.j.b.inter college paraspur gonda	82	2013	hindi english,math,sanskrit, social science,science

**Workshop/Training:**

- ◆ summer training at national rubber industries bhiwadi rajasthan

**Curricular/Extra-Curricular Activity:**

- ◆ one day tool room visit 2017
- ◆ one day plastasia visit 2016
- ◆ conference at dtu

**Name:** Sonali Godara  
**Date of Birth:** 1997-01-12  
**Permanent Address:** Village-Kalewa, Tehsil-Pachpadra, District-Balotra, Rajasthan-344032  
**Current Address:** Wz-1179H Nangal Raya New Delhi-110046



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya College of applied science	Sem 1: 7, Sem 2: 6.09 Sem 3: 5.86, Sem 4: 6.36		
<b>12th</b>	CBSE	Army Public School Daula Kuan	76.4	2015	Physics, Chemistry, Maths, English, Psychology
<b>10th</b>	CBSE	Army Public School Daula Kuan	8.2	2013	English, Maths, Science, Hindi, Social Studies

**Curricular/Extra-Curricular Activity:**

- ◆ Participated in Relay Race in 1st year and secured 2nd position.
- ◆ Participated in Volleyball game in 2nd year in inter-departmental matches in college and secured 2nd position.

**Name:** Sumit Kumar  
**Date of Birth:** 1997-08-05  
**Permanent Address:** Nawada Chowk , West Gali , Ara ,Bihar -802301  
**Current Address:** Hno 103 , Street No. 6, Luxmi Vihar , Uttam Nagar ,New Delhi 110059



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	Delhi university	Bhaskaracharya college of applied science	Sem 1: 5.64, Sem 2: 5.64 Sem 3: 4.07, Sem 4: 6.43		
<b>12th</b>	veer kunwar singh university , ara	Maharaja college , ara	7.6	2015	<a href="#">I.Sc</a>
<b>10th</b>	cbse	B D public school , ara	9.64	2013	English , sanskrit , S.st , science , maths

**Curricular/Extra-Curricular Activity:**

- ◆ cricket

**Name:** Gambhir Solanki  
**Date of Birth:** 1997-02-07  
**Permanent Address:** 1/10786 A-3 Subhash Park Panchsheel Garden, Naveen Shahdara  
**Current Address:**



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of delhi	Bhaskaracharya College of applied sciences	Sem 1: 6.18, Sem 2: 6.18 Sem 3: 5.57, Sem 4: 5.71		
<b>12th</b>	Uttar Pradesh	Shri khushiram Sharma IC tevthu Aligarh	80.8	2015	General Hindi, English, Mathematics, chemistry, physics
<b>10th</b>	Cbse	K.D field public school SHAHDARA	74	2013	English, Hindi, Sanskrit, maths, social studies, science

**Curricular/Extra-Curricular Activity:**

- ◆ National Street food festival, 2016
- ◆ Delhi technological university, visit 2016

**Name:** Devendra Kumar Chaudhary  
**Date of Birth:** 1995-11-10  
**Permanent Address:** Vill Kharauha Post Pagare 272123, Basti, Uttar Pradesh.  
**Current Address:** A24, Street 14 Madhu Vihar New Delhi 110059



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskracharya college of Applied Sciences	Sem 1: 6.45, Sem 2: 6.84 Sem 3: 5.79, Sem 4: 7.93		
<b>12th</b>	Uttar Pradesh board	Harivansh Chaudhary inter college	81%	2014	Phy,Chem,math,hindi, English
<b>10th</b>	ICSE	St Thomas inter college	67.70%	2011	Eng,Phy,Chem, math, computer,Evs, history, civics, geography

**Name:** Arjun Singh  
**Date of Birth:** 1998-02-25  
**Permanent Address:** Rz-F-78 Dharampura Najafgarh New Delhi - 110043  
**Current Address:**



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya College of Applied Sciences	Sem 1: 6.18, Sem 2: 4.91 Sem 3: 4.86, Sem 4: 6.57		
<b>12th</b>	cbse board	Govt. Boys Sr. Sec. Dharampura Najafgarh New Delhi	74%	2015	Science / English , Mathematics, Physics, Chemistry, Computer
<b>10th</b>	Cbse board	Govt. Boys Sr. Sec. Dharampura Najafgarh New Delhi	76/8.0	2013	English,Mathematics, Hindi , Science, social science, Sanskrit

**Name:** Avinash Kumar  
**Date of Birth:** 1998-11-21  
**Permanent Address:** Hasanpur Jitwarpur Ward No I Samastipur Bihar(848101)  
**Current Address:** Rajmuni Niwas C1/142 Solanki Market Madhu Vihar Dwarka New Delhi



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskracharya college of applied science	Sem 1: 5.3, Sem 2: 6.36 Sem 3: 6, Sem 4: 6.79		
<b>12th</b>	Central board of secondary education	Central public school	77.8	2015	Science
<b>10th</b>	Central board of secondary education	Holy mission public school	8.6	2013	Science

**Curricular/Extra-Curricular Activity:**

- ◆ Eca coordinator, astronomy club

**Name:** Ranjeet  
**Date of Birth:** 14/05/1998  
**Permanent Address:** K-6/622 Sangam Vihar New Delhi  
**Current Address:** K-6/622 Sangam Vihar New Delhi



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya College of Applied Sciences	Sem 1: 7.27, Sem 2: 7.09 Sem 3: 7.21, Sem 4: 8.79		
<b>12th</b>	CBSE	sardar vhalam bhai patel senior secondary school no.-2 TKD	73.8	2015	physics, chemistry, maths, physical education, english
<b>10th</b>	CBSE	Govt. Boys senior secondary school no.-3 TKD	7.8	2013	maths, science, english, hindi, social science

**Name:** Monu  
**Date of Birth:** 1994-06-11  
**Permanent Address:** Rz-J 19/261/ West Sagar Pur New Delhi- 110046  
**Current Address:** Rz-J 19/261/ West Sagar Pur New Delhi- 110046



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Polymer science	Sem 1: 6.45, Sem 2: 6.18 Sem 3: 5.21, Sem 4: 7.21		
<b>12th</b>	CBSE	Sarvodaya bal vidyalaya delhi cantt	68.60%	2014	Science
<b>10th</b>	CBSE	Govt. Boys sec. School no-2	85.50%	2012	English Hindi mathematics science social science Sanskrit

**Name:** Arvind Kumar  
**Date of Birth:** 1997-05-20  
**Permanent Address:** Sadarpur Colony Sector 45 Noida  
**Current Address:** Sadarpur Colony Sector 45 Noida



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskrachrya college of applied science	Sem 1: 6.45, Sem 2: 6.06 Sem 3: 5.86, Sem 4: 5.71		
<b>12th</b>	Cbse	Noida public school	73.4	2015	Science
<b>10th</b>	Cbse	Karl Huber school	8.6	2013	Science, mathematics, English, Hindi, social science

**Curricular/Extra-Curricular Activity:**

- ◆ Tool training visit,

**Name:** Vanita  
**Date of Birth:** 1997-09-20  
**Permanent Address:** E-77/Tilak Apartments, Tilak Nagar, New Delhi -110018  
**Current Address:** E-77/D Tilak Apartments ,Tilak Nagar , New Delhi -110018



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya college of applied sciences	Sem 1: 8, Sem 2: 7 Sem 3: 7.5, Sem 4: 7.8		
<b>12th</b>	Central board of secondary education	Modern era convent	75%	2015	Maths physics biology chemistry English
<b>10th</b>	Central Board of secondary	Modern era convent	75%	2013	Maths, science , social science, English , hindi

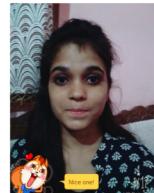
**Workshop/Training:**

- ◆ Attended P4 Expo , noida
- ◆ National chemistry conference
- ◆ 2 months training under DrSK shukla sir
- ◆ Recently working on research project
- ◆ 2 months internship

**Curricular/Extra-Curricular Activity:**

- ◆ Got management certificate for seminar
- ◆ Again management certificate for chemistry conference
- ◆ Won silver in volleyball departmental match
- ◆ Won silver in cricket departmental match
- ◆ Member of ECA,BCAS ( fashion and fine arts)

**Name:** Munni Kumari  
**Date of Birth:** 1997-11-25  
**Permanent Address:** D-193 B Dashrath Puri Street No .20 New Delhi-110045  
**Current Address:** D-193B Dashrath Puri Street No.30



**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskarcharya college	Sem 1: 7, Sem 2: 6.69 Sem 3: 6.82, Sem 4: 7.78		
<b>12th</b>	CBSE	Skv no 1 janak puri	79	2015	science
<b>10th</b>	CBSE	Skv no.2 Janak puri	9	2013	all subject

**Workshop/Training:**

- ◆ Training in college innovation project
- ◆ Research work

**Curricular/Extra-Curricular Activity:**

- ◆ Poem writing
- ◆ Volyball
- ◆ Yoga
- ◆ Slogan writing

**Name:** Dilip Kumar  
**Date of Birth:** 1996-04-04  
**Permanent Address:** Village & Post-Anharipur(Sonwal),Via-Dharani,Distt.-Ghazipur,U.P.P.C-232336  
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**Academic Qualification:**

	<b>University/ Board</b>	<b>Institution</b>	<b>Percentage / CGPA</b>	<b>Year of Passing</b>	<b>Subjects/Stream</b>
<b>B.Sc. (Hons)</b>	University of Delhi	Bhaskaracharya Collage of Applied Sciences	Sem 1: 6.36, Sem 2: 6.64 Sem 3: 7.21, Sem 4: 7.36		
<b>12th</b>	CBSC	Ramjas Sr. Sec. School no. -5	69%	2014	English,Mathematics,Physics, Chemistry,Biology,Physical Edu.
<b>10th</b>	CBSC	Ramjas Sr. Sec. School no.-5	8	2012	English,Hindi,Mathematics, Science, Social Science, Sanskrit

**Curricular/Extra-Curricular Activity:**

- ◆ Attended one day visit to "Tool Room and Training Center" visit organized by BCAS,DU in year 2017
- ◆ Attended "Plastasia 2016" in Pragati Maidan
- ◆ Attended one day visit to "University Science Instrumentation Center (USIC)" in year 2017

## DEPARTMENT OF ZOOLOGY

**Zoology is the branch of biology that deals with the study of animals including humans. It is an exhaustive subject that enlightens us about the various aspects of animal life including their morphology, physiology, biochemistry, genetics, molecular and developmental biology. Study of the diversity of life forms among vertebrates and invertebrates inhabiting the surface of the Earth is also a primary constituent of Zoology. Further, this field of science incorporates ecological and evolutionary studies, thus enlightening us about the way ecosystems work and the course through which present life evolved, respectively. Thus, Zoology seems to be an indispensable component of the curriculum without which the concept of life would not have been properly construed.**

**Keeping this in mind, Bhaskaracharya college of Applied Sciences has taken the initiative of incorporating Zoology as one of its courses in the current year 2017. More than 40 enthusiastic students from different parts of the country have been admitted in Zoology this year. The course is aimed to provide a comprehensive understanding of the subject and equip the students with the potential to pursue any career related to Zoology viz., research scientist, ecologist, environmental consultant, higher education lecturer etc. We plan to make the study more interesting by organizing field trips, workshops, seminars and conferences so that students get the opportunity for extensive hands-on-training as well as interact with eminent researchers and academicians.**

### **Activities:**

**A. The Department of Zoology in collaboration with Eoclub had organized a pot painting competition in the college on September 18, 2017. Students from various departments had actively participated in the competition namely Biomedical Science, Food Technology, Chemistry, Instrumentation, Electronics and Zoology. The rules of the competition were declared as:**

- 1. Each team should comprise of two members**
- 2. Participants could paint on any theme**
- 3. Participants had to bring their own painting materials. Pots were provided to them.**

**Dr. Avneesh Mittal and Dr. Uma Dhawan graced the occasion by their presence. They had assessed performance of the participants and evaluated them accordingly. A total of 9**

teams were formed by 18 students. First position was given to Ms. Nikita Singh (BMS first year) and Ms. Twinkle (Food Technology first year). Second position was given to two students both from Zoology first year, namely Ms. Priya Verma and Mr. Sunny. The third position was shared by two teams- one by students of Electronics department, Mr. Sourabh and Mr. Akash, and the other by students of Zoology department, Ms. Meenu and Ms. Garima. The winners were awarded with attractive prizes and all participants were given certificates. Overall, it was a successful event.

**B. The Department of Zoology had organized the inauguration of the departmental society “Eranko” on October 26, 2017. The day was marked with fun-filled events. Our honorable Principal, Dr. Balaram Pani, had graced the occasion with his kind presence. Faculty from various departments also participated in the celebrations. The program started with lighting of the lamp and Ganesh-Saraswati vandana followed by enlightening speeches by Dr. Balaram Pani and Dr. Anil K. Bali. The broad objectives and mission behind formation of Eranko was revealed. Thereafter, various events including group song, group dance, skit and solo performances such as poetry recitation, song and dance entertained one and all. Overall, the event was a memorable one.**

**C. As part of the Ecology practical syllabus, first year students of Zoology honors were supposed to visit a National park. The Department of Zoology had thus organized a field trip to the National Zoological Park, Mathura Road, Delhi on November 9, 2017. A total of thirty two Zoology students accompanied with three faculty members (two members from Department of Biomedical Sciences) and two non-teaching staff visited the zoo. A bus was hired which started the journey from the college premises at 10 am and returned back to college by 5 pm. The students had an enriching experience watching the different species of animals in the zoo belonging to reptiles, aves and mammals. The list is long starting from Bengal tiger, White tiger, Asiatic lion, Jaguar, Rhinoceros, Hippopotamus, Painted storks, Parakeets, Pheasants, Macaques and Gibbons, Gharial and Crocodile, Black buck and Sambhar etc. The students were enlightened about various aspects of biodiversity conservation such as endangered status of some animals, the way National parks are**

**maintained, different habits and habitats of various animal species etc. Taken together, it was both an educational as well as enjoyable trip.**

### **Faculty details**

<b>Department of Zoology</b>				
1.	Dr. Anil Kumar Bali	Associate Professor (Permanent)	D.Phil	1. Microbial Molecular biology and Biotechnology 2. Medical Physiology
2.	Dr. Alivia Roy	Assistant Professor (Ad-Hoc)	Ph.D.	Molecular Reproduction

### **Photographs**





