



**Shaheed Rajguru College of  
Applied Sciences for Women  
(University of Delhi)**

**the TRAMPOLIN**



**Placement  
Brochure  
2018**

## Our Vision

To emerge as one of the world's leading institute through continuing to the highest academic standards by forging strong industry-academia bond and playing a pioneering role in research & development, so as to serve society by way of shaping professionals to conquer the present and future challenges to the socio-economic fabric of our society by dissemination relevant knowledge through structured learning system. The College aims to change lives, build future, impart technical expertise and improve industrial links through high quality applied learning.

## Our Mission

To build & nurture a new generation of well-rounded professionals who can work as positive change agents in the new millennium.

It will be our endeavour to assimilate and disseminate practical strategies to future professionals and to encourage their understanding of strategic perception to fulfill the mission of the organisation in the fast changing global environment.

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## from the principal's desk . . .

**W**elcome you with pride to Shaheed Rajguru College of Applied Sciences for Women, an institute of effective education, learning and character building. At Rajguru, you will find a vibrant, energetic, affable community of student, faculty and staff. In choosing your course of study from 14 streams, you will be able to pursue your interests and aptitudes and develop a holistic personality leading to a career of your choice.

The college offers undergraduate programmes namely B.Sc. (Hons.) in Biomedical Science, Biochemistry Chemistry, Computer Science, Electronics, Food Technology, Instrumentation, Mathematics, Microbiology, Physics and Statistics, B.A. (Hons.) Psychology, Bachelor in Management Studies, Bachelor of Business Administration (FIA). The College has constantly strived to provide an environment conducive to bring out the best in our students. The College has state-of-the-art laboratories in each department and has established itself as a premier scientific institute in India. The College creates an environment which is competitively intense and intellectually satisfying with comprehensive skills in different fields leading to open horizons for creativity. The College is committed to bestowing adequate knowledge to students to train them to think and work logically, develop a spirit of enquiry, inculcate scientific temper, impart skills and make an individual relate knowledge to real life situation wherein value judgment is important in making decision.

We have invested our resources in putting in place modern teaching techniques, internet facilities and related recourses for your most exclusive use. College has a sprawling campus of 9.5 acres with lush green surroundings. Our Campus is Wi-Fi enabled with

smart classroom equipped with projection facilities and interactive monitors to make the classes most effective for all students with varied power of understanding and learning. College has open air amphitheater, indoor auditorium, three-floored RFID enabled library, conference room and hostel for nearly 119 students. The College has produced large number of alumni who are severing the nation with distinction in various fields. Our Alumni have reached the high echelons in various industries, securing challenging and highly paid positions in top ranking companies/ organizations in India and abroad.

I also take this opportunity to welcome recruiters to the Placement Program 2018. We highly value our partnership with recruiters, alumni and friends of the college and remain committed to making recruiting experience productive and positive. I am confident that our students will exceed all expectations and prove to be an asset for any organisation in which they will work. I have tremendous belief in the talents of our budding young minds and feel gratified to invite your esteemed organisation to recruit from our college. I wish all the students success in their endeavour.



**Dr. Payal Mago**  
Principal





## लक्ष्मी देवी फाउण्डर प्रिन्सिपल . . .

**S**haheed Rajguru College of Applied Sciences for Women (University of Delhi) has completed 29 years after inception and has already made a mark in the corporate sector as many of the alumni are occupying senior positions in various industries in India and abroad. The college was started in the year 1989 in a school building and today it has a beautiful campus build on 9.5 acres of land. It has a separate academic and administrative block, one amphitheatre and an auditorium. It has a hostel for 119 girls and thus girls come from all over India to study here. The college library is RFID enabled and it is the first library in the universities to have the most updated technology. The college has all state of the art laboratories having the latest equipments. Thus our students are able to have hands on training during their practical sessions. The college curriculum framed is such that it allows girls to become economically independent and develop leadership qualities. Curriculum design is innovative wherein there are a set of concept level courses, followed by core papers in their field and skill enhancement courses which sharpen their skills. A set of special elective courses or project which provides them with a sense of fulfillment by addressing the questions arise in their mind during the training. Seminar by students is a part of teaching methodology which makes them confident in their presentations.

The college has many innovative projects wherein the students are exposed to critical thinking, lots of practical input, with hands on training and research. The college also conducts seminars with industries from time to time. As mentioned earlier, our alumni are placed in various industries like Varian USA, Ranbaxy USA, Wockhardt USA, Ranbaxy Laboratories Gurgaon, Dabur India, World Health Organization, Tata Consultancy Services, Jubilant Organosys, etc. A few students have started their own enterprise such Fruitz Concepts, Interactive Bees, i360 (a business training company). Thus the college has strong alumni which help the college students in imparting training and placements too. More than 200 industries train our students and more than 170 industries have placed them. Today the students of our college are sought after by the industries as they have not only acquired the necessary skills needed by the industries but they are dedicated, hard-working and confident that they can pick up all the upcoming and newer technologies. We as a college are committed to helping women to have global awareness, recognizing that they live in a world that has become a global village.

I am sure all industries will find the final year students of our college as assets to their organization. I wish all my students success in all their pursuits.

**Dr. S. Lakshmi Devi**

## about the college . . .

**S**haheed Rajguru College of Applied Sciences for Women affiliated to University of Delhi and funded by Govt. of NCT of Delhi, was established in the year 1989. The College offers B.Sc. (Hons) in Electronics, Instrumentation, Food Technology, Computer Science, Biomedical Science, and Physics, Chemistry, Mathematics, Microbiology, Bio-Chemistry, Statistics, Bachelor in Management Studies, Bachelor of Business Administration (FIA) and B.A. (Hons.) Psychology. These courses provide the platform where the students are equipped with essential and practical knowledge to face the challenging positions worldwide country.

The college has well-qualified and competent faculty. An important aspect of teaching process is the ability to learn, unlearn and relearn. The teaching philosophy in the college is that the difference between the teacher and the taught has to be dissolved as the teacher and the taught are part of one process. The college has efficient support staff responsible for the smooth functioning of various laboratories and administrative work in the college. The college has about 1000 students at present hailing from different parts of the country. The college gives its students opportunity to excel in sports and co-curricular activities as well. There are various societies in the college like Mukhauta (Street play society), Aharyaa (Dance society), Philyra (Music society), Elvira (Fine arts society), Shuffle Shots (Photography club), Glamfire (Fashion society), and Inklings (Literary society). There are students clubs like robotics club Eco club to enhance their skills for career opportunities.

Besides regular courses college conducts Conferences, Workshops and Seminars on various relevant fields. The college in collaboration with CISCO runs a CISCO networking academy and prepares the students for CCNA industry certification. The college also has an Indira Gandhi Open National University (IGNOU) centre for Post-Graduate Diploma in Library Automation and Networking (PGDLAN).

The College aims to change lives, build future, and impart technical expertise through high quality applied learning. The college puts a strong foot forward to imbibe ethical values with the aim of inculcating self reliance attitude in young women.



# the guiding force . . .

The SRCASW faculty is regarded as one of the best and continually strives to create a caring and stimulating learning environment by using the most progressive pedagogy.

Dr. Payal Mago, Ph.D. (Botany), Principal

## Department of Biomedical Science

Dr. Radhika Bakshi, Assistant Professor  
Dr. Varsha Mehra, Assistant Professor  
Dr. Saquib Ansari, Assistant Professor  
Dr. Shruti Banswal, Assistant Professor  
Dr. Indu Arora, Assistant Professor  
Dr. Manisha Khatri, Assistant Professor  
Dr. Parvinder Kaur, Assistant Professor  
Dr. Hemant, Assistant Professor  
Mr. Tarun, Assistant Professor  
Ms. Neetu Sain, Assistant Professor

## Department of Computer Science

Dr. Suruchi Chawla, Assistant Professor  
Ms. Deepali Bajaj, Assistant Professor  
Dr. Aakansha, Assistant Professor  
Ms. Urmil Bharti, Assistant Professor  
Ms. Tina Sachdeva, Assistant Professor  
Mr. Sumit Kumar, Assistant Professor  
Ms. Seema, Assistant Professor  
Ms. Asha Yadav, Assistant Professor  
Ms. Neha Gandhi, Assistant Professor  
Ms. Tulika Kumari, Assistant Professor  
Ms. Kalpana Singh, Assistant Professor

## Department of Electronics

Ms. Venika Gupta, Associate Professor  
Ms. Preeti Singhal, Associate Professor  
Dr. Amita Kapoor, Associate Professor  
Ms. Monika Tyagi, Assistant Professor  
Ms. Sonia Ahlawat, Assistant Professor  
Dr. Neha Katyal, Assistant Professor  
Ms. Surbhi Aggarwal, Assistant Professor  
Mr. Deepak Jaiswal, Assistant Professor

## Department of Food Technology

Dr. Ranjana Singh, Associate Professor  
Dr. Deepa Joshi, Associate Professor  
Ms. Para Dholakia, Assistant Professor  
Ms. Saumya Chaturvedi, Assistant Professor  
Ms. Chaynika Verma, Assistant Professor

## Department of Food Technology

Dr. Kulsum Jan, Assistant Professor  
Ms. Shikha Goel, Assistant Professor  
Ms. Vandana, Assistant Professor  
Ms. Prabhjot Kaur, Assistant Professor

## Department of Instrumentation

Dr. Daya Bharadwaj, Assistant Professor  
Dr. Sneha Kabra, Assistant Professor  
Ms. Himani Dua, Assistant Professor  
Ms. Neha Garg, Assistant Professor  
Ms. Reshma Sinha, Assistant Professor  
Dr. Yogesh Pratap, Assistant Professor  
Ms. Sarul Mallik, Assistant Professor  
Ms. Sonal Singh, Assistant Professor

## Department of Physics

Dr. Alka Vohra Kuanr, Associate Professor  
Dr. Manoj Jaiswal, Assistant Professor  
Mr. Ginminlen Touthang, Assistant Professor  
Dr. Ashok Kumar, Assistant Professor  
Dr. Rashmi Verma, Assistant Professor  
Ms. Vartika Gupta, Assistant Professor

## Department of Chemistry

Dr. Jasjeet Kaur, Associate Professor  
Dr. Shuchi Dhingra, Assistant Professor  
Ms. Neha Sagar, Assistant Professor  
Dr. Anjeeta Rani, Assistant Professor  
Dr. Deepak Kumar, Assistant Professor

## Department of Mathematics

Dr. Punita Saxena, Associate Professor  
Dr. Shalu Sharma, Assistant Professor  
Ms. Ritika Chopra, Assistant Professor  
Dr. Minakshi Dhamija, Assistant Professor  
Ms. Raksha Verma, Assistant Professor  
Dr. Shuchi Agrawal, Assistant Professor  
Dr. Amita Sethi, Assistant Professor  
Ms. Tanvi, Assistant Professor

## Department of Botany

Dr. Rekha Mehrotra, Associate Professor





## Students' Societies . . .

**Ahaarya** – This society has been actively participating in a wide variety of categories like western group dance, duet dance, solo classical dance etc. They have participated in many inter college festivals and won positions in various colleges and brought laurels to college.

**Glamfire** – Glamfire has a group of fashion and designing enthusiasts. Students of this society participated in fashion shows on various themes and won best attire, best Revlon model, best design etc. in inter college competition.

**Mukhauta** – Mukhauta, aims at showcasing and bringing to light the discrepancies created and faced by the society through its street performances. The society has performed Nukkad Natak at the prestigious National School of Drama and Sri Ram Centre .The team has covered over 25 College events with an impressive track record of winning various positions in the events.

**Shuffleshots** – Shuffleshots is an emerging society of the college with camera in hands & creativity in minds. Their indefatigability has a very promising future for the photography club. The society has the record of participation in various photography events and won the positions in colleges.

**Inklings** – Inklings hosts a number of events each year like conferences, writing competitions, debates and reading circles and won positions in group discussion, best interjector, best speaker awards in various colleges.

**Elvira** – Elvira, the Fine arts society, participated in various colleges for events like Rangoli making, Diya Decoration, Poster Making, Card Making, handscape, trash craft rangoli and jewellery making from e waste etc. and won positions.

**Philyra** – Philyra performs and participates in various events like Duet Singing, Group Singing for different colleges and bring with themselves a lot of appreciation and credit. Members have also done studio recording for commercial purposes.



# Department of Biomedical Science

The Department of Biomedical Science was started in college in 2005 with a vision dedicated to educating a next generation of outstanding Biomedical Scientist who will drive future cutting edge translational research.

The mission of the department is to engage in superlative teaching and learning of Biomedical Science and to facilitate knowledge exchange with industry and society at large. Educating students to become innovative, entrepreneur Biomedical Scientist of future.

The Department of Biomedical Science is Currently Running B.Sc. (Hons.) Biomedical Science under CBCS Mode.

There are four well equipped labs namely : Microbiology Lab Molecular Biology/ Biotechnology Lab Tissue culture Lab/ Cell Biology Lab Research Lab – The Department has state of the art laboratory facility with latest equipment including thermocycler, UV spectrophotometer, multiple gel electrophoresis units, centrifuges, shakers, autoclaves, rotary vacuum, laminar flow, microscopes, gel documentation unit which makes learning experience worthwhile and helps in the better understanding of the subjects. The course equips the students with knowledge and skills necessary for a career in research in both basic and applied sciences.

**Departmental Library :** The Department has a library with a reading room. The Departmental library has 50 books.

**Internet facilities for Staff & Students:** The Department has system with Internet facility. It is available for staff to access web.

The Department has a Research/Workshop laboratory recognized by the university currently with one Ph.D. Student.

Every year an annual departmental fest PLEXUS is also organised to celebrate science in which students are encouraged to discuss and learn about new techniques and happenings in the field of biomedical science. The main goal behind organising these events, seminars, workshops is to encourage overall development of the students along with the academics by providing them opportunities to explore their interests in various fields of research, providing them hands-on training of several important techniques.





The Department has undertaken and completed the following projects :

1. Isolation and characterization of halotolerant bacteria from saline soils and study their effect on wheat seedlings. Funding Authority : University of Delhi. Grant : 6 Lakhs
2. Complexity of repeat sequences in differential genomes of plant/animal infecting viruses. Funding Authority : University of Delhi. Grant : 3.5 Lakhs
3. Unraveling the genetic basis of Acute Myeloid Leukemia (AML). Funding Authority : University of Delhi. Grant: 6 Lakhs.
4. Bioactive component quantification and inhibitory activity of *Murraya Koenigii* (Curry leaf) extracts against key enzymes linked to the pathology and complications of type 2 diabetes. Funding Authority : University of Delhi. Grant : 6 Lakhs.
5. Design, Synthesis and evaluation of anti-diabetic activity of substituted alkyl carboxylic acid derivatives as GPR40 agonists. Funding Authority : University of Delhi. Grant : 7.5 Lakhs.
6. Transition metal based spinel oxide-graphene nanoribbon composites for removal of pesticide from water. Funding Authority : University of Delh. Grant : 5 Lakhs.
7. Isolation and characterization of *Adhatoda Vasica* constituents for antimycobacterial activity against mycobacterium tuberculosis in vitro and ex vivo within human macropahges. Funding Authority : Department of Science and Technology (DST). Grant : 23.3 Lakhs.

**Conferences and Workshops** : Two National Conference and a workshop has been organised by Department:

1. "Understanding Mechanisms and Challenges of Complex Diseases" (UMCCD) 2014.
2. "Understanding Mechanisms and Challenges of Complex Diseases" (UMCCD) 2016.
3. Two day National workshop on "Drug Discovery Technology-Computational Approaches in Drug Discovery & Design" 2017.

The Department of Bio-Medical Science has been sanctioned a Department of Science and Technology (DST) funded project entitled "Isolation and characterization of *Adhatoda Vasica* constituents for antimycobacterial activity against mycobacterium tuberculosis in vitro and ex vivo within human macropahges".

# B.Sc. (Hons.) Biomedical Science

| SEMESTER 1  | SEMESTER 2   |
|---|--|
| C1 BMS-101 : Bioorganic Chemistry<br>C2 BMS-102 : Cell and Radiation Biology<br>AECC1 : English/MIL Communication or EVS<br>GE1 : Generic Elective                        | C3 BMS-201 : Principles of Genetics<br>C4 BMS-202 : Human Physiology & Anatomy I<br>AECC2 : EVS or English/MIL Communication<br>GE2 : Generic Elective         |
| SEMESTER 3  | SEMESTER 4   |
| C5 BMS-301 : Biochemistry<br>C6 BMS-302 : Human Physiology & Anatomy II<br>C7 BMS-303 : Medical Microbiology<br>SEC1 : Skill Enhancement Course<br>GE3 : Generic Elective | C8 BMS-401 : Immunobiology<br>C9 BMS-402 : Molecular Biology<br>C10 BMS-403 : Medicinal Chemistry<br>SEC2 : Skill Enhancement Course<br>GE4 : Generic Elective |
| SEMESTER 5  | SEMESTER 6   |
| C11 BMS-501 : Biophysics<br>C12 BMS-502 : Pharmacology<br>DSE1 : Discipline Specific Elective<br>DSE2 : Discipline Specific Elective                                      | C13 BMS-601 : Human Pathology<br>C14 BMS-602 : Toxicology<br>DSE3 : Discipline Specific Elective<br>DSE4 : Discipline Specific Elective                        |

C : Core Courses; GE : Generic Elective; AECC : Ability Enhancement Compulsory Course; SEC : Skill Enhancement Courses; DSE : Discipline Specific Elective

**GE 1-4 : Generic Electives**  
(any one per semester in semesters 1-4)

- BMS-G1 : Basics of Immunology
- BMS-G2 : Biological Chemistry
- BMS-G3 : Biosafety and Bioethics
- BMS-G4 : Biostatistics
- BMS-G5 : Bridging Information Technology and Biotechnology
- BMS-G6 : Concepts in Biotechnology
- BMS-G7 : Concepts in Medicinal Chemistry and Drug Development
- BMS-G8 : Intellectual Property Rights (IPR) for Biologists
- BMS-G9 : Pathological Basis of Diseases
- BMS-G10 : Pharmacology and Toxicology
- BMS-G11 : Tools and Model Organisms in Biomedical Research

**SEC 1-2 : Skill Enhancement Courses**  
(any one per semester in semesters 3-4)

- BMS-S1 : Methods in Epidemiological Data Analysis (EDA)
- BMS-S2 : Medical Laboratory Diagnostics (MLD)
- BMS-S3 : Techniques for Forensic Science
- BMS-S4 : Tools in Modern Biology

**DSE 1-4 : Discipline Specific Elective**  
(any two per semester in semesters 5-6)

- BMS-A : Computational Biology and Drug Discovery
- BMS-B : Genome Organization and Function
- BMS-C : Human Genetics
- BMS-D : Medical Biochemistry
- BMS-E : Medical Biotechnology
- BMS-F : Project Work (can be chosen only in semester 6)

# Department of Computer Science . . .

The Department of Computer Science was established in the year 2004 in the college with a vision to be a leading department, offering high quality education in the field of Computer Science and research in allied areas; to produce scientifically inquisitive, design oriented computer scientists and researchers capable of lifelong learning; to promote talent of students for innovation and research in the field of Computer Science; and to produce socially sensitive computer scientists with professional ethics To provide value based education by initiating social activities.

The Department of Computer Science is Currently Running B.Sc. (Hons.) Computer Science under CBCS Mode. The CBCS provides an opportunity for the students to choose courses from the prescribed courses comprising core, elective/minor or skill based courses. The courses can be evaluated following the grading system, which is considered to be better than the conventional marks system. Therefore, it is necessary to introduce uniform grading system in the entire higher education in India.

Over the past few years the department has provided excellent infrastructure for executing software skills using the latest software development tools and technologies. The department has 4 well equipped ICT enabled labs with about 135 computers with latest computer configuration : Intel corei7 – 3.4 GHz processors with 4 GB RAM, 64-bit operating System with Wi-Fi connectivity, Three High-end HP ML350G8 Tower Model Servers and Laptops A good combination of Licensed Software and Free/Open Source Software to enrich student practical experience.

Department has latest software like Oracle 10Gi, Multimedia Tools, Red Hat Linux, Visual Studio, Developer 2000, Windows NT server, Fortran 90, Turbo C++ etc. Three HP LaserJet 4555HMF server printers, colour laser printer, laser printers cum scanners. Each lab has a mounted LCD projector which is used during seminars and presentations.

An add-on CISCO laboratory is further equipped with CISCO 2900 series routers, CISCO 1900 switches 24 Port full Duplex, Bay stack 425 24 T switches, 16 port hubs, cable testers etc.

Department also has various utility rooms like programmer room, server room, departmental library, UPS room, teaching rooms and technical staff room. Department has skilled lab staff which includes a Scientific Assistant, Technical Assistant, Lab Assistants and Lab Attendants to manage the lab work efficiently.





**Departmental Library:** The Department has a small library/book club. It has more than 200 books donated by faculty and alumnae.

**Internet facilities for Staff and Students:** To enhance the spirit of research work among students the labs are equipped with Internet facility to provide access to e-journals and other scientific portals of interest. The Department has about 100 systems with Internet facility. They are available to both staff and students.

The Department organizes its Technical fest “Tech Melange” every year. The students organize it with great zeal introducing an element of competition in technology. Every year we experience an increase in participation of students from other colleges.

The department has undertaken and completed following projects :

1. Development of Garden bot: An automatic irrigation system sensing soil moisture content using self-made sensor for efficient use of resources and optimum flow of water in the fields. Funding Authority: Innovation Desk, University of Delhi. Grant : 5 lakhs.
2. Health buddy : Android based mobile application to track nutritional intake of young college students. Funding Authority: Innovation Desk, University of Delhi. Grant: 3.5 lakhs.
3. Group based co-ordination for Information Exchange in Adhoc Networks. Funding Authority: Innovation Desk, University of Delhi. Grant: 4.5 lakhs.
4. Isolation and Characterization of Halotolerant Bacteria from Saline Soils and Study Effect on Wheat Seedlings. Funding Authority: Innovation Desk, University of Delhi. Grant : 6 lakhs.
5. Impact of behavioural addiction to use of gadgets on physical and mental health of adolescent. Funding Authority: Innovation Desk, University of Delhi. Grant: 3.5 lakhs.
6. Mobile phone based attendance app: an innovative approach towards futuristic e-colleges. Funding Authority : Innovation Desk, University of Delhi. Grant: 3.5 lakhs.

The department also successfully organised the first National Conference on Advancements of Electronics and Computer Applications – NCAECA-2016 (in association with Department of Electronics).

# B.Sc. (Hons.) Computer Science

| SEMESTER 1   | SEMESTER 2   |
|--|--|
| C-I : Programming Fundamentals using C++<br>C-II : Computer System Architecture<br>AECC-I : English/MIL Communication or EVS<br>GE-I | C-III : Programming in JAVA<br>C-IV : Discrete Structures<br>AECC-II : EVS or English/MIL Communication<br>GE-II                                     |
| SEMESTER 3   | SEMESTER 4   |
| C-V :Data Structures<br>C-VI : Operating Systems<br>C-VII : Computer Networks<br>SEC-I : Android Programming<br>GE-III               | C-VIII : Design and Analysis of Algorithms<br>C-IX : Software Engineering<br>C-X : Database Management Systems<br>SEC-II : PHP Programming<br>GE-III |
| SEMESTER 5   | SEMESTER 6   |
| C-XI : Internet Technologies<br>C-XII : Theory of Computation<br>DSE-I<br>DSE-II   | C-XIII : Artificial Intelligence<br>C-XIV : Computer Graphics<br>DSE-III<br>DSE-IV   |

C : Core Courses; GE : Generic Elective; AECC : Ability Enhancement Compulsory Course; SEC : Skill Enhancement Courses; DSE : Discipline Specific Elective

## Discipline Specific Elective Papers : (Credit : 06 each)

### DSE-I (any one)

- System Programming
- Numerical Methods
- Operational Research for Computer Science

### DSE-II (any one)

- Microprocessor
- Modeling and Simulation
- Advanced Algorithms

### DSE-III (any one)

- Machine Learning
- Introduction to Data Sciences
- Combinatorial Optimization

### DSE-IV (any one)

- Digital Image Processing
- Data Mining
- Project Work / Dissertation

## General Elective Papers (GE)

(Minor - Computer Science) for other Departments / Disciplines : (Credit : 06 each)

GE-I Introduction to Programming

GE-II Introduction to Database Systems

GE-III Computer Networks and Internet Technologies

GE-IV Information Security & Cyber Laws

# Department of Electronics . . .

The Department of Electronics was established since the inception of the college i.e. 1989. The department envisages to achieve recognition as an estimable department, offering high quality education in the field of Electronics with due emphasis on research. Its mission is to promote the establishment of centre of excellence in upcoming areas of technology to imbibe the essence of innovation among faculty and students; to enable students to develop skills to solve complex technological problems of current times and also provide a framework for promoting collaborative and multi-disciplinary activities; and to provide value based education by initiating social activities.



The Department of Electronics is currently running B.Sc. (Hons.) Electronics under CBCS Mode.

There are well equipped eight laboratories in the department, namely : Circuit and Networks Lab; Digital and Analog Lab; Communication Lab; Microprocessor Lab; Optoelectronics Lab; Electronics Simulation Lab1; Electronics Simulation Lab2; and Research Lab. The labs are equipped with Digital storage oscilloscopes, Function Generators, Power supplies, Multi meters, sophisticated 8085/8086 Microprocessor trainer kits etc. and latest software based on Electronics. The Department has a Research/Workshop laboratory recognized by the university currently with one Ph.D. Student.



The Department is making sincere efforts in creating a system where creativity and new ideas flourish. The students are exposed to research projects, design and prototyping systems at various stages. The department has a small library/book club and a reading room. Students use its facility during practical's and otherwise. The Department library has about 100 books donated by faculty and alumnae. It has about 40 systems with Internet facility. They are available for both staff and students to access web.



The Department organizes its Technical fest “Electromania” every year since 2005. The students organize it with great zeal introducing an element of competition in technology. Every year we experience an increase in participation of students from other colleges.

The Department has undertaken and completed the following projects :

1. Development of e-resources on standard procedure of operation and applications of important Electronic devices used by under graduate science students. Funding Authority : University of Delhi. Grant : Rs 5 Lakh.
2. Mobile phone based Attendance App : An innovative approach towards futuristic e-colleges. Funding Authority : University of Delhi. Grant : Rs 3.5 Lakh.
3. Design synthesis and characterization of magnetic nano-particles for tumour treatment. Funding Authority : University of Delhi. Grant : Rs 5 Lakh.
4. Impact of behavioural addiction to use of gadgets on physical and mental health of adolescent. Funding Authority : University of Delhi. Grant : Rs 3.5 Lakh.
5. Development of Garden Bot : An automatic irrigation system sensing soil moisture content using self made sensor for efficient use of resources and optimum flow of water in the fields. Funding Authority : University of Delhi. Grant : Rs 5 Lakh.



The department has also organised three national conference in the past 2 years viz. National Conference NCAECA 2016; National Conference RTIE 2016; and National Conference RTIE 2015.



# B.Sc. (Hons.) Electronics

| SEMESTER 1  | SEMESTER 2  |
|---|---|
| C-I : Basic Circuit Theory and Network Analysis<br>C-II : Mathematics Foundation for Electronics<br>AECC-I : English/MIL Communication or EVS<br>GE-I | C-III : Semiconductor Devices<br>C-IV : Applied Physics<br>AECC-II : EVS or English/MIL Communication<br>GE-II                        |
| SEMESTER 3  | SEMESTER 4  |
| C-V : Electronic Circuits<br>C-VI : Digital Electronics and Verilog<br>C-VII : C Programming and Data Structures<br>SEC-I<br>GE-III                   | C-VIII : Operational Amplifiers and Applications<br>C-IX : Signals and Systems<br>C-X : Electronic Instrumentation<br>SEC-II<br>GE-IV |
| SEMESTER 5  | SEMESTER 6  |
| C-XI : Microprocessors and Microcontrollers<br>C-XII : Electromagnetics<br>DSE-I<br>DSE-II  | C-XIII : Communication Electronics<br>C-XIV : Photonics<br>DSE-III<br>DSE-IV  |

C : Core Courses; GE : Generic Elective; AECC : Ability Enhancement Compulsory Course; SEC : Skill Enhancement Courses; DSE : Discipline Specific Elective

## Discipline Specific Electives (DSE) (Credit : 06 each)

### (4 papers to be selected) DSE I-IV

1. Power Electronics (4+4)
2. Numerical Analysis (4+4)
3. Modern Communication Systems (4+4)
4. Semiconductor Fabrication and Characterization (4+4)
5. Electrical Machines (4+4)
6. Basic VLSI Design (4+4)
7. Digital Signal Processing (4+4)
8. Control Systems (4+4)
9. Computer Networks (4+4)
10. Nanoelectronics (4+4)
11. Embedded Systems (4+4)
12. Biomedical Instrumentation (4+4)
13. Transmission Lines, Antenna & Wave Propagation (4+4)
14. Dissertation (4+4)

## Skill Enhancement Course (SEC) (02 papers)

### (Credit : 02 each) SEC-I to SEC-II

1. Design and Fabrication of Printed Circuit Boards (4)
2. Robotics (4)

3. Mobile Applications Development (4)
4. Internet Technologies (4)
5. Programming with LabVIEW (4)

## Other Discipline GE-I to GE-IV

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

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

1. Electronic Circuits and PCB Designing (4+4)
2. Digital System Design (4+4)
3. Instrumentation (4+4)
4. Practical Electronics (4+4)
5. Communication Systems (4+4)
6. Microprocessor and Microcontroller Systems (4+4)
7. Consumer Electronics (4+4)

# department of food technology . . .

The Department of Food Technology was established since the inception of the college i.e.1989. The department envisages to educate and develop undergraduate and graduate students for leadership roles and to cater the need of the fast growing demand in the food industry, academia and in government sector.

The Department of Food Technology is currently Running B.Sc. (Hons.) Food Technology under CBCS Mode. The CBCS provides an opportunity for the students to choose courses from the prescribed courses comprising core, elective/minor or skill based courses. The courses can be evaluated following the grading system, which is considered to be better than the conventional marks system. Therefore, it is necessary to introduce uniform grading system in the entire higher education in India. This will benefit the students to move across institutions within India to begin with and across countries.

The Department is located on ground floor and the pilot plants are in the basement area. There are seven main labs namely : Analytical Lab1; Analytical Lab 2; Food Microbiology Lab; Food and Nutrition Lab; Food Engineering and animal technology Lab; Food Instrumentation Lab; and Sensory Evaluation Lab.

The Department has well developed infrastructure. There are additional rooms for culture inoculation, sample weighing and sample digestion equipped with laminar flow chamber, electronic balances and digestion facilities respectively. The pilot plant I houses bakery and Ice-cream unit and Pilot plant II houses canning and dehydration unit. The departmental library has reference books, project reports and product development literature with computers and internet facilities for the faculty and students. The analytical lab has sophisticated instrumentation facilities for students. Some of the Key instruments are: moisturometer, bursting strength tester, vacuum oven, brookfield viscometer, Abbes refractometer, penetrometer, hydrometer, viscometer, soxhlet unit, UV visible spectrophotometer, dehydrator, muffle furnace, polarimeter, Lovibondtintometer, Kjeldahl unit, Ball mill, vacuum evaporator, fermenter, Digital microscope and RM-PV estimation assembly.

Bakery unit has planetary mixer, baking ovens, dough kneader, bread slicer, dough sheeter, bun cutter, sugar grinding mill, kitchen aid mixer etc. Microbiology lab has autoclave, incubators, binocular microscopes, BOD incubator, air sampler, Millipore filtration assembly, laminar air flow chamber, electronic colony counters etc. The lab also





has high end equipments which include HPLC system, texture analyzer, atomic absorption spectrophotometer, rancimat, fat analyser, protein analyser, reverse Osmosis plant and SO<sub>2</sub> estimation assembly.

The Department boasts of a small library too. Students use its facility during practical and otherwise. The Department also has systems with Internet facility. They are available for both staff and students to access web.

The Department celebrates its fest “World Food Day” every year. The students organize it with great zeal and enthusiasm and hold various competitions. Every year there is an increase in participation of students from other colleges.

A National conference was organised by the Department in year 2016 – “First National Conference on Advances in Food Science and Technology” (NCAFST-2016).

A memorandum of understanding has been signed between Shaheed Rajguru College of Applied Sciences for Women (Food Technology Department) and Ayama life skill Pvt Ltd, Gurgaon on 28th December 2017. The Department would be instrumental in providing consultancy to the collaborating firm on recipe development and nutritive value evaluation.



# B.Sc. (Hons.) Food Technology

| SEMESTER 1  | SEMESTER 2  |
|---|---|
| C-I : Introduction to Food Technology-1<br>C-II : Principles of food Science-1<br>AECC-I : English/MIL Communication or EVS<br>GE-I : Chemistry                         | C-III : Introduction to Food Technology-2<br>C-IV : Principles of food Science-2<br>AECC-II : EVS or English/MIL Communication<br>GE-II : Biology                                 |
| SEMESTER 3  | SEMESTER 4  |
| C-V : Food and Nutrition-1<br>C-VI : Technology of Plant food-1<br>C-VII : Technology of animal Food -1<br>SEC-I : Techniques in Food analysis<br>GE-III : Biochemistry | C-VIII : Technology of Plant food-2<br>C-IX : Food and Nutrition-2<br>C-X : Technology of animal Food -2<br>SEC-II : New Food product development<br>GE-IV : Maths and Statistics |
| SEMESTER 5  | SEMESTER 6  |
| C-XI : Food Engineering-1<br>C-XII : Food Chemistry-1<br>DSE-I : Food Microbiology<br>DSE-II : Food quality and sensory evaluation                                      | C-XIII : Food safety<br>C-XIV : Food quality management<br>DSE-III : Food Engineering-2<br>DSE-IV : Food Chemistry-2  |

C : Core Courses; GE : Generic Elective; AECC : Ability Enhancement Compulsory Course; SEC : Skill Enhancement Courses; DSE : Discipline Specific Elective

## Core Courses

1. Introduction to Food Technology-1
2. Principles of food Science-1
3. Introduction to Food Technology-2
4. Principles of food Science-2
5. Food and Nutrition-1
6. Technology of Plant food-1
7. Technology of animal Food -1
8. Technology of Plant Food-2
9. Food and Nutrition-2
10. Technology of Animal Food-2
11. Food Engineering-1
12. Food Chemistry-1
13. Food Safety
14. Food Quality Management

## Discipline Specific Elective (Any four)

1. Food Microbiology
2. Food Quality and Sensory Evaluation
3. Food Engineering-2

4. Food Chemistry-2
5. Food Packaging Technology
6. Food Plant Sanitation
7. Food Biotechnology
8. Project Work

## Generic Elective (Any four)

1. Chemistry
2. Biology
3. Biochemistry
4. Maths and statistics
5. Physics
6. Biostatistics

## Skill Enhancement Elective (Any two)

1. Techniques in Food Analysis
2. New Food Product Development
3. Application of Computers in Research Data Analysis
4. Entrepreneurship and Project Management

# department of instrumentation . . .

The department of Instrumentation was established in the year 1989. Instrumentation is a multi-disciplinary branch which includes Electrical, Electronics and Instrumentation. It enriches the students to excel in the area of automation where the students are exposed to various subjects related to measurements and control. The department envisages to aspire for excellence in the multi facets of Instrumentation through consistent innovative practices to make an effective contribution in the field of Instrumentation technology. Its mission is to mould motivated and well-qualified Instrumentation professionals who can provide solutions to Process, Automation, and Allied Industries; the department focuses on preparing the students to meet global industrial challenges. The ultimate goal is to make them aware of the recent advances taking place in the technological field; Furnish the students with potent concepts and application based knowledge to cater to the competency of the industries, research organizations and entrepreneurship skills; Inculcate good human and social values along with the intellectual and core technical skills among the students so as to transform their ideas to practice and real world applications; Nurture wisdom and foster innovation ideas amongst the youth towards serving the society.

The Department enjoys long standing relationships with industry, academia, and research organizations of national importance to pursue teaching, training and research agenda. The industry/research organization members that play active participation in departmental activities are Sunpharma Pvt. Ltd, Jubilant Organosys Pvt. Ltd, Toshvin Analytical Pvt. Ltd., Dabur Research Foundation, Centre of pollution Control Board (CPCB) Delhi, IEEE EDS Delhi Chapter, Futuronix Pvt. Ltd, Tevatron Technologies Pvt. Ltd., Yakult Danone India Pvt. Ltd., to name a few.

The Department of Instrumentation is currently running B. Sc. (Hons.) Instrumentation under CBCS Mode.

There are six well equipped labs namely : Analytical Instrumentation Laboratory supported by a Wet Laboratory; Biomedical Instrumentation Laboratory; Electrical Machine & Control System Laboratory; Microprocessor and Microcontroller Laboratory; Industrial Instrumentation Laboratory; and Analog & Electronics Instrumentation Lab.

The Analytical laboratory is well equipped with HPLC, GLC, Karl Fischer Titrator, pH meter, UVV Spectrophotometer, Photometer, Flame Photometer, FTIR Spectrophotometer, and Rotary Vacuum Evaporator. The Biomedical laboratory has biomedical kits which are used to measure EEG, ECG, EMG, pulse rate, respiration rate etc.





The lab also has ELISA reader, Biochemistry Analyzer, Biomedical Scanner, PCR machine, Blood cell counter and ultrasound machine.

The Department organizes its annual technical fest, “Technexus”. The fest is organized every year with the objective to provide platform for the students to showcase their talent with a competitive spirit.

The Department has undertaken and completed the following projects :

1. Development of e-resources on standard procedure of operation and applications of important Electronic devices used by under graduate science students. Funding Authority : University of Delhi. Grant : Rs 5 Lakhs.
2. An assessment of consumer’s exposure to pesticides in conventional vegetables and vegetables sold with ‘organic’ tag in Delhi-NCR region, India. Funding Authority : University of Delhi. Grant : Rs 10 Lakhs.
3. Effect of Anaemia on academic performance of under graduate students of East Delhi Colleges. Funding Authority : University of Delhi. Grant : Rs 4.5 Lakhs.
4. Biochemical evaluation of sprouted fenugreek seeds for nutraceutical management of type-2 diabetes using in vitro assays. Funding Authority : University of Delhi. Grant : Rs 5 Lakhs.
5. Groups based Co-ordination for information exchange in Ad-hoc networks. Funding Authority: University of Delhi. Grant : Rs 4.5 Lakhs.
6. Low cost eco-friendly Solar Inverter – A standalone solar power system for households Groups based Co-ordination for information exchange in Ad-hoc networks. Funding Authority : University of Delhi. Grant : Rs 5 Lakhs.
7. Assessment and correlation of air quality index of East Delhi region with vital respiratory parameters of adolescent population. Funding Authority: University of Delhi. Grant : Rs 6 Lakhs.

The Department has also organised two national conferences in past 2 years viz. Second National Conference on Recent Trends in Instrumentation and Electronics RTIE-2016; and First National Conference on Recent Trends in Instrumentation and Electronics RTIE-2015.

The Instrumentation Department along with Department of Food Technology and Biomedical Science has also been granted Rs 36 Lakhs under “DBT Star college scheme” for various projects and workshops by Department of Bio-Technology in October 2014. It also has been sanctioned a SERB (DST) funded project entitled “Modeling, Simulation and development of AlGa<sub>N</sub>/Ga<sub>N</sub> HEMT based lactic acid and Uric acid biosensor for clinical research” for three years.

# B.Sc. (Hons.) Instrumentation

| SEMESTER 1   | SEMESTER 2   |
|--|--|
| C-I : Basic Electronics and Network Analysis<br>C-II : Applied Physics<br>AECC-I : English/MIL Communication or EVS<br>GE-I      | C-III : Analog Devices and Circuits<br>C-IV : Transducers and Sensors<br>AECC-II : EVS or English/MIL Communication<br>GE-II                 |
| SEMESTER 3   | SEMESTER 4   |
| C-V : Biomedical Instrumentation<br>C-VI : Digital Electronics and Verilog<br>C-VII : Engineering Mathematics<br>SEC-I<br>GE-III | C-VIII : Operational Amplifiers and Applications<br>C-IX : Analytical Instrumentation<br>C-X : Electronic Instrumentation<br>SEC-II<br>GE-IV |
| SEMESTER 5   | SEMESTER 6   |
| C-XI : Measurement Technology<br>C-XII : Microprocessor<br>DSE-I<br>DSE-II   | C-XIII : Power Electronics<br>C-XIV : Control Systems<br>DSE-III<br>DSE-IV   |

C : Core Courses; GE : Generic Elective; AECC : Ability Enhancement Compulsory Course; SEC : Skill Enhancement Courses; DSE : Discipline Specific Elective

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

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

## Skill Enhancement Course (SEC) (Credit : 02 each) (2 papers to be selected) SEC-I & SEC-II

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

## Other Discipline GE-I to GE-IV

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

## Generic Elective Papers (GE) (Minor - Instrumentation) (any four) for other Departments/Disciplines (Credit : 06 each)

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



# College Infrastructure . . .

**Administrative Block** – An aesthetically designed campus spread over an area of 8 acres of land with state of the art infrastructure. The college administrative block has Principal's Office, Administrative office, Accounts office, a Conference room and a Committee room.

**Academic Block** – The college has a four floored Academic Block with all Departmental Laboratories. Each floor in the block consists of ICT enabled Seminar Room and four Lecture Theatres.

**Auditorium** – The college has a multi-purpose centrally air conditioned auditorium with a seating capacity of 500 students. A spacious stage, projector, state-of-art light and sound arrangements makes it the perfect venue for hosting various intra and inter-college events. Witness to special assemblies, annual days, prize distribution ceremonies, fresher's party and more, it is an necessary part of the college where the students learn many useful life skills as confidence, team spirit, etc.

**Amphitheatre** – One of the architectural delights of the college is its beautifully designed amphitheater. With a capacity of 1000, this venue is used for entertainment, performances and different kinds of interactive programs like Rock band concert, open stage plays etc.

**Hostel & Staff Quarters** – The college has a well maintained Hostel with a capacity of 119 residents on sharing basis. The hostel warden and Matron handle the responsibilities of the hostel. Beside girl's hostel the college has on campus residential accommodation of four Quarters for academic staff and eleven quarters for administrative staff. The college also has on campus Principal bungalow.

A lady doctor is available for consultation in the hostel twice a week and is also available on call. All cases of illness must be immediately reported to the warden / matron. Hostel has a First Aid Room with all basic medicines, BP machine, weighing machine and nebulizer. All cases of serious illness shall be referred to the nearest hospital. The local guardian will be duly informed and will have to take charge of the resident within twelve hours of intimation. Hostel residents interested in sports may avail the sports facilities of the college during the timings as permitted by the warden.

Each resident is provided with a bed, one built-in wardrobe / almirah, one study table, a chair and a bookshelf. Residents are required to bring their own mattress, pillow cover,





quilt, blanket, bed linen, towel, bucket, coffee mug, glass, spoon, thermos flask, torch, hot water bottle, thermometer, lock and key, duster and utensils, etc.

The hostel has one laundry room with a fully automatic washing machine on each floor. The hostel also has one ironing room with one iron, table and dari on each floor. Pantry: The hostel has one pantry on each floor with one induction plate, microwave oven and fridge in common room. Wash Rooms: Five on each floor. Washrooms are equipped with sanitary napkin incinerators. Every floor is Wi-Fi enabled. CCTVs are installed in and around the hostel. Mosquito/Insect Control: Insect Killer Machines are installed on each floor to safeguard the students from mosquitoes and insects.

The mess is run by a caterer on contract basis. The hostel ensures nutritious and wholesome meals. The hostel committee along with student representatives of mess committee will oversee the quality and nutritional content of the food served in the mess.

Resident may receive her relatives and friends in the visitor's room. The timings for visitors are : 4.30 p.m. to 7.00 p.m. : On all working days 10.00 a.m. to 7.00 p.m. : On Sundays and other gazetted holidays. Visitors must sign and fill up pertinent columns of the visitor's book each time they are visiting.

There is a students' common room equipped with recreational facilities such as television, carrom board, chess, etc. It is the venue for residents to carry out activities like recitals, debates and discussions.

**College Library** – The college library is RFID (Radio Frequency Identification system) enabled, which is being used for library housekeeping operation, the system move beyond security to become tracking system that combine security with more efficient tracking of materials throughout the library, including easier and faster charge and discharge, inventorying, material handling and automated book drop kiosk being used for easier return of books. The RFID system included self-circulation desk, staff work station, security gate, book drop box, RFID reader, RFID sticker for Book, RFID enabled member card, SMS and e-mail services in each book transaction.

The College library has more than 20000 printed books and approx. 1,35,000 e-books, 11 printed journals and many scientific encyclopedia and periodicals covering all aspect of es,



fundamental science, such as Electronics, Instrumentation, Food Technology, Computers Sciences, Psychology, Management, Microbiology, Psychology, Biomedical Sciences, Biology, Biochemistry, Chemistry, Physics etc.



The library subscribes to a large number of Electronics Resources through UGC-Infonet, DULIS Electronic Journal and NLIST of Infolibnet, It includes 11 Online Databases on Reference & Citation Sources, 7 online Databases on Bibliographic Sources, 2 Online Databases on Citation Analysis Resources, 5 online Databases on Financial and Statistical Sources, Single databases on Doctoral Theses and 77 online Databases on Full Text Sources. This includes around 49270+ e-journals available in the present library with three WiFi computer laboratories consisting of 80 computers i.e. e-Library-1, e-Library-2 and e-Library-3.



Then in the process of digitization, the library has digital materials on its institutional repositories like New Product Development done by the 3rd year student of Food Technology, Other Important project reports, question paper, syllabus were also digitized by the library.

**College Canteen** – The college has a hygienic canteen to provide meals on reasonable prices. It serves a variety of food, snacks as well as soft drinks. Its quality and hygiene are regularly monitored.



**Lush Green Gardens** – The college has huge area of open ground with lush green gardens along with area for sports activities. The students and staff use open grounds for various sports activities like kho-kho, parade, athletics, volleyball etc.

## ਠਪੁਰ ਫ਼ਾਸਟ ਫ਼ੈਟਰਪਾਇਰਡ . . .

● RELIANCE INDIA LTD. ● GENPACT ● CENTRAL POLLUTION CONTROL BOARD ● HCL ● IGATE ● IGATEPATNI ● INFOSYS ● BSNL ● DABUR ● IGIB ● DCRI ● GE CAPITAL ● BRITANNIA ● HALDIRAM ● IBM ● ITC HOTEL ● OBEROI CHAIN OF HOTELS ● TATA ENERGY RESEARCH INSTITUTE ● JUBILANT ORGANOSYS ● ESCORT HEART INSTITUTE ● WIPRO TECHNOLOGY ● VISTA ● WIPRO TECHNOLOGY ● WASE ● TECH MAHINDRA ● TCS ● FICCI ● DLF ● NIRULA'S ● INTER CONTINENTAL HOTEL ● HINDUSTAN LIVER LIMITED ● RANBAXY LABORATORIES

## ਠਪੁਰ ਕਾਲਪਨਾ . . .

Shaheed Rajguru College of Applied Sciences for Women feels proud of all our alumnae. At SRACSW we have strong relation and affinity with our alumnae. Every alternate year, alumnae meet is organized to enable present batch of students to interact with their alumnae. This also keeps alive the bond between teachers and students. There is an alumni organizing committee which works for this event called BLEND. The name of event was kept keeping in mind signifying blending of present and previous batches. The alumni, who are presently working in the industry, interact with the students from time to time. A dedicated email-id (blend.rcaps@gmail.com) is used to keep in touch with alumni. Networking sites like face book are used where alumnae groups are made and all meet at one platform and share views and experiences. A few of our alumnae are :

1. Ms. Arpita Mudit, A/cs Service Manager, Nielsen Int'l Solutions (Batch 1998-2002 (BIS))
2. Ms. Vanita Goswami, Software Engineer, Wipro Technologies (Batch 2002-2005)
3. Ms. Mitali Jhulka, Software Engineer, United Health Group (Batch 2011-2014)
4. Ms. Pallavi Mahajan, Assistant Vice President, Citigroup (Batch 1998-2002 (BIS))
5. Ms. Kalpana Kediya, Software Engineer, Headstrong (Batch 2006-2009)

This year election of office bearers for the alumni cell was conducted. The following members (all our college alumnae) were elected as office bearers : Ms. Richa Bharti, *President*; Ms. Nandini Sharma, *Secretary*; Ms. Akanksha Mehra, *Joint Secretary*; Ms. Aayushi Jain, *Treasurer*; Ms. Anshu Sharma, *Executive Member*; Ms. Seema Shukla, *Executive Member*; Ms. Shweta Birla, *Executive Member*; Ms. Sanya Khurana, *Executive Member*; Ms. Vineeta Motilal, *Executive Member*; Ms. Alka Mahajan, *Executive Member*; Ms. Bharti Narang, *Executive Member*; Ms. Tanya Seth, *Executive Member*; Ms. Aditi Jain, *Executive Member*; Ms. Deepali Bajaj, *College Representative*; and Ms. Monika Tyagi, *College Representative*.

# PROFILE

## B.Sc. (H) Biomedical Science

### Students'



**Aashna Nanda**

aashna.nanda96@gmail.com ● +91 - 9910093561

**CGPA:** 1st year – 7.18; 2nd year – 7.64.

**Skill Set:** PCR techniques, Flow cytometry, NGS sequencing on Ubuntu, ELISA on Architect.

**Training/Project:** 1st year – Innovation Project (Biomedical Science); 2nd year – Summer Internship at Cryoviva Biotech, Gurgaon.



**Anupama Bharti**

bhartianupamadelhi@gmail.com ● +91 - 9650503164

**CGPA:** 1st year – 8.76; 2nd year – 7.96.

**Skill Set:** Various Biotech Techniques including ELISA, SDS-PAGE, Western blot, Column chromatography, Native PAGE, AGE, Ultrasound, Biopac, Spectrophotometry (UV-visible), PCR, Gel electrophoresis, ELISA reader, Gel doc, Spirometry, HPLC, Sphygmomanometer, MS-Office.

**Training/Project:** Internship in Mankind Research Center.



**Anusha Sarbahi**

anushasarbahi@gmail.com ● +91 - 9971666361

**CGPA:** 1st year – 8.23; 2nd year – 8.5.

**Skill Set:** Ultrasound, Biopac, Spectrophotometry (UV-visible), PCR, Gel electrophoresis, ELISA, SDS-PAGE, Rotary evaporation, Gel doc, Spirometry, Plant tissue culture, Dialysis, Sphygmomanometer, DNA isolation techniques, MS-office.

**Training/Project:** Innovation Project – Bioactive component quantification and inhibitory activity of murrayakoeiginii extracts against key enzymes linked with complications of type 2 diabetes under Dr. Varsha Mehra, University of Delhi.



**Aparna Jaiswal**

jaiswalap1703@gmail.com ● +91 - 9971120780

**CGPA:** 1st year – 8.23; 2nd year – 8.32.

**Skill Set:** PCR techniques, Nanodrop technique, Microbial techniques.

**Training/Project:** 1st year – Innovation Project (Biomedical Science); 2nd year – Summer Internship at IISER, Pune in Biology Department.

## B.Sc. (H) Biomedical Science



**Bharti Sharma**

bhartisharma141998@gmail.com ● +91 - 9599932737

**CGPA:** 1st year – 7.64; 2nd year – 8.04.

**Skill Set:** Spectrophotometry, Biopac, Viscometer, Elisa, Pcr, Electrophoresis, MS-office, Sds Page, Pedigree analysis, Karyotyping, Widal test, Media preparation, Microscopy.

**Training/Project:** NA.



**Divya Singh**

divyasingh0301@gmail.com ● +91 - 7503268367

**CGPA:** 1st year – 8.82; 2nd year – 9.0.

**Skill Set:** Molecular Docking, XRD, FTIR, DLS, SEM, TEM and possess basic knowledge of instruments involved in chemistry and molecular biology.

**Training/Project:** Project SRCA-308 (2015-16) – “Design, Synthesis and Evaluation of anti-diabetic activity of new substituted alkyl carboxylic acid derivatives,” and Summer Internship (2017) at Anna University, Chennai under Professor D. Arivuoli – “Synthesis and characterization of super paramagnetic maghemite nanoparticles ( $\alpha$ -Fe<sub>2</sub>O<sub>3</sub>) for biomedical application.”



**Himanshi Kundu**

kunduhimanshi2gmail.com ● +91 - 7835970025

**CGPA:** 1st year – 7.73; 2nd year – 8.07.

**Skill Set:** Ultrasound, Biopac, Spectrophotometry, PCR, Gel electrophoresis, ELISA, SDS-PAGE, Rotary evaporation, Gel doc, Spirometry, Column chromatography and various lab techniques.

**Training/Project:** Antimicrobial and Antidiabetic activity of plant extract of *Justicia adhatoda* under Dr. Varsha Mehra, University of Delhi.



**Jagriti Chauhan**

ritichauhan45@gmail.com ● +91 - 7530987398

**CGPA:** 1st year – 8.45; 2nd year – 8.29.

**Skill Set:** Isolation techniques, Chromatography, Cell staining and various laboratory techniques, PCR, Microscopy, Native PAGE, SDS PAGE, Western blotting, Southern blotting, Widal test.

**Training/Project:** NA.

# B.Sc. (H) Biomedical Science



**Jyoti Kushwaha**

jyotikush810@gmail.com ● +91 - 7042768154

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**CGPA:** 1st year – 6.55; 2nd year – 6.46.

**Skill Set:** Spectrophotometry, Biopac, Viscometer, MS-office, Centrifuge, Elisa, Pcr, Electrophoresis, Ultrasound, Tissue staining, Pedigree analysis, Sds Page, Widal test, Media preparation, Karyotyping, Western blotting, Fluorescencemicroscopy, Tissue analysis.

**Training/Project:** NA.



**Divya Singh**

divyasingh0301@gmail.com ● +91 - 7503268367

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**CGPA:** 1st year – 8.82; 2nd year – 9.0.

**Skill Set:** Molecular Docking, XRD, FTIR, DLS, SEM, TEM and possess basic knowledge of instruments involved in chemistry and molecular biology.

**Training/Project:** Project SRCA-308 (2015-16) – “Design, Synthesis and Evaluation of anti-diabetic activity of new substituted alkyl carboxylic acid derivatives,” and Summer Internship (2017) at Anna University, Chennai under Professor D. Arivuoli – “Synthesis and characterization of super paramagnetic maghemite nanoparticles ( $\alpha$ -Fe<sub>2</sub>O<sub>3</sub>) for biomedical application.”



**Monika Singh**

remona2910@gmail.com ● +91 - 8586896348

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**CGPA:** 1st year – 7.14; 2nd year – 7.07.

**Skill Set:** Spectrophotometry, Biopac, Viscometer, MS-office, Centrifuge, Elisa, Pcr, Electrophoresis, Tissue analysis.

**Training/Project:** NA.



**Naaz Parveen**

naazparveen0009@gmail.com ● +91 - 9540759772

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**CGPA:** 1st year – 7.5; 2nd year – 7.82.

**Skill Set:** Ultrasound, Biopac, Spectrophotometry, PCR, Gel Electrophoresis, ELISA, SDS-Page and various lab techniques.

**Training/Project:** NA.

# B.Sc. (H) Biomedical Science



**Naina Gautam**

naina.gautam145@gmail.com ● +91 - 7838306437

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**CGPA:** 6.36.

**Skill Set:** Ultrasound Biopac, Spectrophotometry, : PCR, Native PAGE, SDS PAGE, Agarose Gel Electrophoresis, Column Chromatography, ELISA, Blotting Techniques

**Training/Workshops:** NA.



**Neetu Gejwal**

neetugejwal.1997@gmail.com ● +91 - 9910232858

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**CGPA:** 1st year – 6.77; 2nd year – 7.07.

**Skill Set:** Spectrophotometry, biopac, viscometer, Microsoft Excel, MSpowerpoint, MSword, Centrifuge, Elisa, Pcr, Electrophoresis.

**Training/Project:** NA.



**Pallavi Rao.T**

pallavirox96@gmail.com ● +91 - 8860548239

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**CGPA:** 1st year – 8.36; 2nd year – 8.57.

**Skill Set:** Ultrasound, biopac, spectrophotometry, PCR, gel electrophoresis, ELISA, SDS-PAGE, Rotary evaporation, Gel doc, spirometry, column chromatography and various lab techniques.

**Training/Project:** Antimicrobial and antidiabetic activity of plant extract of Justiciaadhatoda under Dr. Varsha Mehra, University of Delhi.



**Pranshu Kothari**

pranshukothari07@gmail.com ● +91 - 7838708494

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**CGPA:** 1st year – 8.59; 2nd year – 9.39.

**Skill Set:** Ultrasound, biopac, spectrophotometry(UV-visible), PCR, gel electrophoresis, ELISA, SDS-PAGE, Rotary evaporation, Gel doc, spirometry, Plant tissue culture, dialysis, sphygmomanometer and various lab techniques, MS-office.

**Training/Project:** Innovation project – Bioactive component quantification and inhibitory activity of murrayakoeiginii extracts against key enzymes linked with complications of type 2 diabetes, under Dr. Varsha Mehra, University of Delhi.



# B.Sc. (H) Biomedical Science



**Pratishtha Chopra**

pratishtha.chopra@gmail.com ● +91 - 9953390376

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**CGPA:** 1st year – 7.86; 2nd year – 8.32.

**Skill Set:** Ultrasound, biopac, spectrophotometry (UV-visible), PCR, gel electrophoresis, ELISA reader, Gel doc, spirometry, HPLC, sphygmomanometer, and various other lab techniques, MS-office.

**Training/Project:** Innovation project – Bioactive component quantification and inhibitory activity of murrayakoeiginii extracts against key enzymes linked with complications of type 2 diabetes, under Dr. Varsha Mehra, University of Delhi. Internship at Mankind Research Center.



**Priyakshi Singh**

singh.priyakshi09@gmail.com ● +91 - 8800211586

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**CGPA:** 1st year – 7.18; 2nd year – 7.57.

**Skill Set:** PCR techniques, tissue examination, ELISA, ANR, Tissue staining.

**Training/Project:** 1st year - Innovation project (biomedical science); and 2nd year - Summer Internship at Sir Ganga Ram Hospital.



**Ronika**

ronikavasudev97@gmail.com ● +91 - 8588969347

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**CGPA:** 1st year – 8.00; 2nd year – 7.90.

**Skill Set:** Ultrasound, biopac, spectrophotometry (UV-visible), PCR, gel electrophoresis, ELISA, SDS-PAGE, Rotary evaporation, Gel doc, spirometry, Plant tissue culture, dialysis, sphygmomanometer DNA isolation techniques and various lab techniques, MS-office.

**Training/Project:** Innovation project - Design, Synthesis and Evaluation of Antidiabetic activity of new class of alkyl carboxylic acid derivatives under the supervision of Dr. Manisha Khatri. Participated in two-day training workshop on Drug Discovery Technology (5th-7th January, 2017). Two months training at Microbiology and Biochemistry Deptt. in Punjab Institute of Medical Sciences.



**Rashi Jain**

jainrashi263@gmail.com ● +91 - 8586929092

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**CGPA:** 1st year – 7.52; 2nd year – 8.18.

**Skill Set:** Spectrophotometry, ELISA, Cloning technique, Autoclaving, AGE, PCR.

**Training/Project:** 1st year - Innovation project (Understanding Genetic Evolution of Acute Myeloid Leukemia AML); 2nd year – CSEC : Summer Internship in Lab Research, Department of Plant Molecular Biology, DU. NPTEL Online Course on Introduction to Proteomics.

# B.Sc. (H) Biomedical Science



**Sakshi Arora**

asakshi1996@gmail.com ● +91 - 9872751719

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**CGPA:** 2st Year - 8.14; 2nd Year - 7.64.

**Skill Set:** Ultrasound Biopac, Spectrophotometry, PCR, Native PAGE, SDS PAGE, Agarose Gel Electrophoresis, Column Chromatography, ELISA, Blotting Techniques, digital marketing, Practical Skills (Immunotechniques, Microbiological Methods, Develpmental Biology, Biochemistry, Molecular Biology, Enzymology, Medicinal Chemistry, Physiology, Epidemiology.

**Training/Project:** Innovation Project under DU during 2015-16. Summer Training at Cryoviva Biotech International during June 2017.



**Sakshi Jatav**

sakshijatav2881996@gmail.com ● +91 - 7065281737

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**CGPA:** 1st year - 6.37; 2nd year - 6.97.

**Skill Set:** Ultrasound, biopac, spectrophotometry (UV-visible), PCR, Gel electrophoresis, ELISA, SDS-PAGE, Rotary evaporation, Gel doc, spirometry, Plant tissue culture, dialysis, sphygmomanometer DNA isolation techniques and various lab techniques, MS-office.

**Training/Project:** NA.



**Shalini Samal**

samalshalini@gmail.com ● +91 - 9811712285

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**CGPA:** 1st year - 9.00; 2nd year - 8.96.

**Skill Set:** Ultrasound, biopac, spectrophotometry (UV-visible), PCR, gel electrophoresis, ELISA, SDS-PAGE, Gel doc, spirometry, Plant tissue culture, dialysis and various lab techniques, sphygmomanometer, MS-office, java programming, primer designing, DNA Isolation techniques.

**Training/Project:** Innovation Project - Unravelling the molecular basis of acute myeloid leukemia.



**Shalu Pandey**

shalu.pandey.71997@gmail.com ● +91 - 9453881438

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**CGPA:** 1st Year - 5.7; 2nd Year - 6.5.

**Skill Set:** Ultrasound Biopac, Spectrophotometry, PCR, Native PAGE, SDS PAGE, Agarose Gel Electrophoresis, Column Chromatography, ELISA, Blotting Techniques.

**Training/Project:** NA.

# B.Sc. (H) Biomedical Science



**Shilpi Agrawal**

shilpiagr11@gmail.com ● +91 - 9650622757

**CGPA:** 1st year – 7.82; 2nd year – 8.54.

**Skill Set:** Ultrasound, biopac, spectrophotometry, PCR, gel electrophoresis, ELISA, SDS-PAGE and various lab techniques.

**Training/Project:** NA.



**Shivangi Shukla**

shivangishukla870@gmail.com ● +91 - 9810856454

**CGPA:** 1st year – 7.47; 2nd year – 7.57.

**Skill Set:** Gel Electrophoresis, PCR, SDS – PAGE, Biopac system, Former NSS member, Primer Designing, gene cloning, purification of protein, imex microsatellite extractor and ictv (classification of virus), Spectrophotometry, ELISA, Cloning technique, Autoclaving, AGE, PCR.

**Training/Project:** 1st year - Innovation project (complexity of repeat sequences in differential Genomes of Virus); 2nd year – CSEC : Summer Internship in Lab Research, Department of microbiology. NPTEL Online Course on Introduction to Proteomics. TERI University Project – Health and Sanitation.



**Shrishti S. Nagar**

shrishti.spark@gmail.com ● +91 – 9911906027

**CGPA:** 1st Year - 7.27; 2nd year - 7.07

**Skill Set:** Ultrasound Biopac, Spectrophotometry, PCR, Native PAGE, SDS PAGE, Agarose Gel Electrophoresis, Column Chromatography, ELISA, Blotting Techniques.

**Training/Project:** Bioinformatics headed by Dr. Safdar Ali.



**Sonam Gupta**

sonamgas@gmail.com ● +91 – 8285633730

**CGPA:** 1st year – 7.91; 2nd year – 8.68.

**Skill Set:** Ultrasound, biopac, spectrophotometry, PCR, gel electrophoresis, ELISA, SDS-PAGE, Rotary evaporation, Gel doc, spirometry, column chromatography and various lab techniques.

**Training/Project:** Antimicrobial and antidiabetic activity of plant extract of Justiciaadhatoda under Dr. Varsha Mehra, University of Delhi. Bioinformatics and cancer project under Dr. Safdar Ali and Dr. Radhika Bhakshi, University of Delhi.

# B.Sc. (H) Biomedical Science



**Stuti Naithani**

stutinaithani1997@gmail.com ● +91 - 9717900534

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**CGPA:** 1st year – 8.36; 2nd year – 8.89

**Skill Set:** Ultrasound, biopac, spectrophotometry, PCR, gel electrophoresis, ELISA, SDS-PAGE, Rotary evaporation, Gel doc, spirometry, column chromatography and various lab techniques.

**Training/Project:** Antimicrobial and antidiabetic activity of plant extract of *Justicia adhatoda* under Dr. Varsha Mehra, University of Delhi



**Swati Yadav**

scarletswatiyadav@gmail.com ● +91 - 9911961193

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**CGPA:** 1st year - 6.5; 2nd Year - 7.3.

**Skill Set:** Ultrasound Biopac, Spectrophotometry, MS office, PCR, Native PAGE, SDS PAGE, Agarose Gel Electrophoresis, Column Chromatography, ELISA, Blotting Techniques.

**Training/Project:** To check the antimicrobial, antidiabetic and anti-inflammatory activity of *justiciaadhatoda* whole plant in chloroform under Dr. Varsha Mehra.



**Tsering Norzom**

tseringnorzom4@gmail.com ● +91 - 9958789326

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**CGPA:** 1st year - 6.45; 2nd Year - 7.29.

**Skill Set:** Ultrasound Biopac, Spectrophotometry, PCR, Native PAGE, SDS PAGE, Agarose Gel Electrophoresis, Column Chromatography, ELISA, Blotting Techniques.

**Training/Project:** Tibetan Scientific Society Workshop.



**Yashika**

yashikat1012@gmail.com ● +91 - 8376854884

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**CGPA:** 1st year - 7.27; 2nd year - 7.71.

**Skill Set:** Ultrasound Biopac, Spectrophotometry, : PCR, Native PAGE, SDS PAGE, Agarose Gel Electrophoresis, Column Chromatography, ELISA, Blotting Techniques, Digital marketing.

**Training/Project:** NA.

# B.Sc. (H) Biomedical Science



**Zohra Hashmi**

zohrazoyal@gmail.com ● +91 - 9650889580

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**CGPA:** 1st year - 7.00; 2nd year - 7.24.

**Skill Set:** Electrophoresis, PCR, Biopac, Rotar Evaporator, Centrifuge.

**Training/Project:** Projects - “Synthesis of Magnetic Nanoparticles to see its effect on Tumor Cells” and “To check antimicrobial activity and anti-diabetic activity of justiciaadhatoda leaves in chloroform extract and check its phytochemical profilings.”

# PROFILE

## B.Sc. (H) Computer Science

### Students'



**Aarohi Garg**

gargaarohi1997@gmail.com ● +91 – 9810899813

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**CGPA:** 6.5.

**Skill Set:** C++, Java.

**Training/Project:** NA.



**Alka Vats**

alkavats1997@gmail.com ● +91 - 9873364154

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**CGPA:** 7.96.

**Skill Set:** C++, Java, HTML, JavaScript, SQL, PHP, Android Programming, JSP, worked on Oracle database, Cisco Introduction to IOT course, XML, JDBC.

**Training/Project:** NA.



**Amisha Shah**

shahamisha19@gmail.com ● +91 – 9810899813

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**CGPA:** 6.89.

**Skill Set:** C++, Java.

**Training/Project:** NA.



**Anisha Sethi**

anishasethi24@gmail.com ● +91 - 9654444812

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**CGPA:** 7.36.

**Skill Set:** C++, Java, HTML, SQL, PHP, Javascript, bootstrap, xampp, WordPress, yii framework, Android studio.

**Training/Project:** 3-months internship in Web Designing at MASH projects.

# B.Sc. (H) Computer Science



**Anjali**

anjali.prasad9701@gmail.com ● +91 – 8882865725

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**CGPA:** 7.89.

**Skill Set:** C++, Java, PHP, HTML, Javascript, SQL, Netbeans, Android Programming.

**Training/Project:** NA.



**Anju Rikhari**

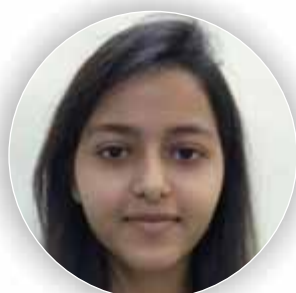
kumarianju575@gmail.com ● +91 - 9643411768

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**CGPA:** 8.79.

**Skill Set:** C++, Java, HTML, CSS, JavaScript, SQL, PHP, Android Programming, JSP, worked on Oracle database, Cisco Introduction to IOT course, Cisco CCNA Routing and Switching Course, XML, Linux, JDBC.

**Training/Project:** NA.



**Ankita**

ankita231197@gmail.com ● +91 – 9013335930

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**CGPA:** 8.61.

**Skill Set:** C++, Java, HTML, CSS, Bootstrap, JavaScript, Angularjs (mean stack), SQL, PHP, Android programming, JSP, worked on Oracle database and Netbeans, Cisco Introduction to IOT course, Cisco CCNA Routing and Switching course.

**Training/Project:** Internship in Web Designing & Development on Mean Stack Platform.



**Anshika Pandey**

anshikapandey218@gmail.com ● +91 – 9821102467

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**CGPA:** 8.32.

**Skill Set:** C++, Java, Android Programming, Php, Html.

**Training/Project:** NA.

# B.Sc. (H) Computer Science



**Anshu**

anshuohlyan999@gmail.com ● +91 – 7011015061

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**CGPA:** 7.79.

**Skill Set:** HTML, PHP, SQL, javascript, also worked on Oracle Database.

**Project/Training:** NA.



**Anshu Kumari**

singhanshu391@gmail.com ● +91-9871542582

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**CGPA:** 7.11.

**Skill Set:** C++, JAVA, PHP, Android Studio, Algorithm, Database Management.

**Training/Project:** NA.



**Anu**

anusardana1997@gmail.com ● +91 – 9643685895

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**CGPA:** 8.5.

**Skill Set:** C++, Java, Android, PHP, DBMS, MS Word, MS Power Point, MS Excel, Quincy, SQL.

**Training/Project:** One year project with TERI and GENPACT on environmental science, secured 3<sup>rd</sup> position as well. Training under NSS for past two years currently serving as a President of NSS Unit of the college.



**Anuradha Aggarwal**

maggarwal907@gmail.com ● +91 - 9899708574

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**CGPA:** 9.39.

**Skill Set:** C++, java, html, css, bootstrap, javascript, php, sql, jsp, python, android programming, jdbc, nodejs (mean stack).

**Training/Project:** Internship in web designing and development on mean stack platform; Cisco networking academy “introduction to iot course”; and College project on



# B.Sc. (H) Computer Science



**Ayushi**

ayushi0722@gmail.com ● +91 – 9205310568

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**CGPA:** 8.07.

**Skill Set:** C++, Java, HTML, SQL, PHP, Javascript, Javasever pages, Oracle Database, JDBC,CCNA switching and routing, Linux, networking, XML, Android Basics, internet technology.

**Training/Project:** Software Project on college Application.



**Deeksha Chhetri**

deeksha.chhetri121@gmail.com ● +91 - 9456710586

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**CGPA:** 8.1.

**Skill Set:** C/C ++, Java, PHP, Android programming, SQL, NetBeans.

**Training/Project:** “Sanitation and health” project under Teri and Genpact, LEADearthSHIP Programme.



**Deepakshi Arora**

deepakshiarora8@gmail.com ● +91 – 9560196815

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**CGPA:** 7.03.

**Skill Set:** C++, Java, Android, PHP, DBMS, MS Word, MS Power Point, MS Excel, Quincy, SQL.

**Training/Project:** Campus Impact Challenge (2015-2016) under LEADearthSHIP, a collaborative effort of TERI and Genpact. CCNA Networking course by Cisco Networking Academy.



**Devanshi Bharadwaj**

bharadwajdevanshi@gmail.com ● +91 - 9565780935

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**CGPA:** 8.11.

**Skill Set:** C++, Java, JavaScript, HTML, SQL, PHP, also worked on Oracle database.

**Training/Project:** NA.

# B.Sc. (H) Computer Science



**Divya Agarwal**

divya5111998@gmail.com ● +91 – 9013725848

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**CGPA:** 8.5.

**Skill Set:** C++, Java, HTML, SQL, PHP, Javascript, Javasever pages, also worked on Oracle database, Netbeans.

**Project/Training:** NA.



**Divya Tripathi**

divya2tripathi@gmail.com ● +91 – 7309663347

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**CGPA:** 6.86.

**Skill Set:** C++,Java,HTML, SQL, PHP, JavaScript, JavaServer Pages, also worked on Oracle database, Netbeans.

**Training/Project:** NA.



**Drishti Rawal**

drishti9711@gmail.com ● +91 – 9711688947

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**CGPA:** 7.97.

**Skill Set:** C++, Java, Android, PHP, DBMS, MS Word, MS Power Point, MS Excel, Quincy, SQL, MiTAppinventor (Beginner), Telnet.

**Training/Project:** Attended a 6-hour workshop on entrepreneurship and startups.



**Gunjan Sharma**

sharma1gunjan96@gmail.com ● +91 – 7827179297

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**CGPA:** 8.1.

**Skill Set:** C++, Java, HTML, SQL, PHP, Javascript, Javasever pages, also worked on Oracle database, Netbeans.

**Project/Training:** Successfully completed emergency app in software project.

# B.Sc. (H) Computer Science



**Himani Sharma**

sharmahimani@gmail.com ● +91 – 9899108556

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**CGPA:** 7.64.

**Skill Set:** C++, Java, HTML, SQL, PHP, Javascript., Javasever pages, also worked on Oracle database, Netbeans.

**Project/Training:** NA.



**Juhi Priya**

juhi23priya@gmail.com ● +91 – 8851437305

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**CGPA:** 8.11.

**Key Skill:** C++, Java, Html, SQL, Php.

**Training/Project:** NA.



**Kajal**

kajal.patyal@gmail.com ● +91 - 8130207930

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**CGPA:** 8.64.

**Skill Set:** C++, Java, HTML, JavaScript, SQL, PHP, Android programming, JSP, IOT course by Cisco, Introduction to CCNA Routing and Switching (CISCO) course, also worked on Oracle database and Netbeans.

**Training/Project:** 2 months internship in testing at DJUBO. Working on College Central Database Project.



**Kalpana Purohit**

kalpanapurohit9953@gmail.com ● +91 - 9643594610

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**CGPA:** 8.57.

**Skill Set:** C++, core java, ms-excel, html, php, android programming, SQL, JSP, Javascript, Cisco Introduction to IOT course, worked on oracle database and Netbeans.

**Training/Project:** Training in a software company (Djubo) on performance testing and API automation.

# B.Sc. (H) Computer Science



**Khushboo**

khushboosizzling@gmail.com ● +91 - 9891300444

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**CGPA:** 6.64

**Skill Set:** C++, JAVA, DBMS, HTML, Javascript, Information Technology, Software Development.

**Training/Project:** Java training, IOT in Cisco. Project on Campus Challenge Impact 2015-2016 (A TERI - Genpact Youth Initiative).



**Mahima Jindal**

mahij9711@gmail.com ● +91 – 8826057567

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**CGPA:** 8.18.

**Skill Set:** C, C++, java, html, php, android programming, JSP, also worked on oracle database and Netbeans, Cisco Introduction to IOT course, Mysql, JavaScript, CSS.

**Training/Project:** Working on a project of Mobile Application Development under Software Engineering to develop our college library app. Platform used - MIT App Inventor 2 and Android Studio. Secured 3rd position in a Project under Campus Impact Challenge (CIC) on sanitation, health and hygiene among local communities (Duration 1 year). 2 months Internship at DRDO on Dspace. Working on College Central Database Project (Platform used - Oracle database and Netbeans).



**Mahima**

kanojia.mahima00@gmail.com ● +91 - 9599436153

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**CGPA:** 9.07.

**Skill Set:** C++, Java, HTML, SQL, PHP, Javascript., Javaserer pages, also worked on Oracle database, Netbeans.

**Project/Training:** NA.



**Monika Upadhyay**

umonika97@gmail.com ● +91 - 8375952737

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**CGPA:** 7.79.

**Skill Set:** C++, Java, HTML, SQL, PHP, JavaScript, also worked on ORACLE database, UNIX.

**Training/Project:** NA.

# B.Sc. (H) Computer Science



**Naina Kumari**

kumari.naina1998@gmail.com ● +91 – 9643244016

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**CGPA:** 8.82.

**Skill Set:** Programming (Languages known : C, CPP, JAVA, PHP, Android Programming, JavaScript, JavaBeans, JSP,MySQL), Database Management, Networking.

**Training/Project:** Empresario (Website for college entrepreneur development cell on Local host).



**Neha**

s.nehans1996@gmail.com ● +91 - 9868676511

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**CGPA:** 8.61.

**Skill Set:** C++, Java, HTML, SQL, PHP, Javascript, bootstrap, xampp, Javaser ver pages, Android studio, Dspace, Netbeans, Assembly Language.

**Training/Project:** Currently working on a project of Central Data Bank of Shaheed Rajguru College, Summer Internship at DRDO on Repository Formation using Dspace. Worked on a project of Mobile Application Development under Software Engineering to develop our College Library App.



**Nidhi Pundir**

nidhirajput247001@gmail.com ● +91 – 8743943827

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**CGPA:** 6.64.

**Skill Set:** C++, Java, PHP.

**Training/Project:** NA.



**Niharika Tiwari**

niharika12t@gmail.com ● +91 - 8130541277

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**CGPA:** 7.89.

**Skill Set:** C++, Java, PHP.

**Training/Project:** NA.

# B.Sc. (H) Computer Science



**Nirupma Chaudhary**  
du.nirupma@gmail.com ● +91 – 7840842082

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**CGPA:** 6.05.

**Skill Set:** HTML, CSS, Javascript, Java, C++, Php, Andriod, Software development, beginner in machine learning.

**Training/Project:** Currently working on a shopping website in php, javascript, html and css.



**Nishu Kumari**  
nishu0906@gmail.com ● +91 – 8285093476

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**CGPA:** 7.89.

**Skill Set:** C++, Java, DBMS, PHP, HTML, Javascript, Software Development.

**Training/Project:** CCNA, IOT, TERI Project (Topic - Health and Sanitation).



**Nupur Gulia**  
nupurgulia22@gmail.com ● +91 – 9999491966

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**CGPA:** 8.00.

**Skill Set:** C++, java, python, sql, html, php, android programming, jdbc, javascript.

**Projects/Training:** Training in CISCO networking academy CCNA. Summer Training Project - Training management system using PHP at Sandrock E-securities Pvt. Ltd.



**Pallavi Singh**  
singhpallavi856@gmail.com ● +91 - 8650308741

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**CGPA:** 6.31.

**Skill Set:** Information Technology, Software Development, C++, Java, PHP, Html, DBMS, Javascript.

**Traning/Project:** NA.

# B.Sc. (H) Computer Science



**Parul Khanna**  
parulkhanna14@gmail.com ● +91 - 9818096069

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**CGPA:** 8.07.

**Skill Set:** Languages/Technologies - Fundamentals of C++, Java, Basics of HTML, PHP, Android; Database: MySQL; Development Tools: Notepad++, Dreamweaver, Brackets; Operating Systems - Windows XP/7/8/8.1/10.

**Training/Project :** Made a web application called ZABAVA - a platform for entertainment for multiple fandoms under one name, as a software engineering project.



**Parul Sharma**  
parul.dream26@gmail.com ● +91-7289027410

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**CGPA:** 5.25.

**Skill Set:** C++, Java, DBMS, PHP, HTML, Javascript, Information Technology, Software Development.

**Training/Project:** NA.



**Phalguni Goel**  
phalguni7d@gmail.com ● +91 - 8505954970

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**CGPA:** 8.79.

**Skill Set:** C, C++, Java, JavaScript, Java Server Pages, HTML, SQL, PHP, UNIX, VHDL, Adobe flash, Android Studio, Oracle database, Windows, Linux (Ubuntu), NetBeans, Xilinx ISE.

**Training/Project:** Campus Impact Challenge, a leadership project under collaborative initiative of TERI and Genpact for which won the third Genpact Campus Impact Award collectively.



**Plasha Bali**  
plashabali001@gmail.com ● +91 - 9013461086

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**CGPA:** 7.14.

**Skill Set:** C++, Java, Android, PHP, DBMS, MS Word, MS Power Point, MS Excel, Quincy, SQL, WordPress, Yii framework.

**Training/Project:** Web development intern at MASH project.

# B.Sc. (H) Computer Science



**Pratiksha Singh**

pratikshasingh28997@gmail.com ● +91 – 8826271151

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**CGPA:** 8.46.

**Skill Set:** C, C++, java, php, javascript, android programming, javabeans, jsp, my sql, oracle, masm.

**Training/Project:** Empresario (Online shopping web site for enterprenourship development cell of Shaheed Rajguru College on local host).



**Priya**

priyabedi98@gmail.com ● +91 - 9999414450

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**CGPA:** 7.54.

**Skill Set:** Languages/Technologies - Fundamentals of C++, Python, Java; Basics of HTML, PHP, Android, JAVABEANS, JDBC, JavaScript, JSP; Database - MySQL, ORACLE; Development Tools - Notepad++, Dreamweaver, Brackets; Website Development.

**Training/Project:** Software Engineering Project on Online Voting for College Elections.



**Priya Saxena**

saxenapriya1997@gmail.com ● +91 – 9717594457

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**CGPA:** 8.11.

**Skill Set:** Computer Languages - C++, Java, Assembly Language, Microsoft Office Word, Microsoft Office Excel, Microsoft Office PowerPoint, Internet Browsing, General and Graphics Application, PHP, Android Programming, HTML.

**Training/Project:** Undergone "Maestro in Ethical Hacking" under the guidelines designed by the industry experts and the professors of IIT Delhi which was conducted at Kyrion's, Canaught Place, New Delhi.



**Priyanka Gupta**

prygupta1708@gmail.com ● +91 – 8375846169

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**CGPA:** 7.57.

**Skill Set:** C++ (basic), Java (basic), DBMS (basic), OS (basic,) HTML (basic), Android (basic), PHP (basic).

**Training/Project:** NA.



# B.Sc. (H) Computer Science



**Priyanka Khantwal**

priyankakhantwal4@gmail.com ● +91 - 9650581612

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**CGPA:** 7.18.

**Skill Set:** C++, Java, HTML, SQL, PHP, Javascript., Javaser pages, also worked on Oracle database, Netbeans.

**Project/Training:** NA.



**Priyanka Mehra**

pmehra98.pm@gmail.com ● +91 - 9711818174

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**CGPA:** 7.74.

**Skill Set:** Knowledge of programming in C++, Java, Android, PHP.

**Project/Training:** Software engineering project of creating a mobile app.



**Priyanka Negi**

pynkanegi@gmail.com ● +91 - 8510847426

---

**CGPA:** 8.50.

**Skill Set:** C++, Java, HTML, CSS, JavaScript, JQuery, PHP, SQL, Java Server Pages, also worked on Oracle database and Netbeans.

**Training/Project:** NA.



**Ritika Gautam**

ritika100898@gmail.com ● +91 - 9958297473

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**CGPA:** 7.54.

**Skill Set:** C, C++, Java, PHP, Android, DBMS, JDBC, JSP, Javabeans.

**Training/Project:** NA.

# B.Sc. (H) Computer Science



**Riya Tyagi**

riyat7251@gmail.com ● +91 - 8505822661

---

**CGPA:** 7.86.

**Skill Set:** C++, java, Android Programming, Php, Html.

**Training/Project:** NA.



**Sakshi Gaur**

sgaur060@gmail.com ● +91 - 9205403164

---

**CGPA:** 8.07.

**Skill Set:** C++, Java, HTML, PHP, Javascript, SQL, Javasever Pages, also worked on Oracle Database, Basic Windows, Unix, Netbeans.

**Training/Project:** NA.

# PROFILE

## B.Sc. (H) Electronics

### Students'



**Aarti Garg**

aartimvd123@gmail.com ● +91 - 9910843367

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**CGPA:** 7.79.

**Skill Set:** Html ,C, Java Script, Computer Basics and Fundamentals, Scilab, Matlab.

**Training/Project:** Working on Bidirectional Visitor Counter and Designing Power Supply.



**Alisha Zameer**

alishazameer4@gmail.com ● +91 - 9582376270

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**CGPA:** 6.75.

**Skill Set:** Html, C, Java Script, Computer Basics and Fundamentals, Scilab, Matlab.

**Training/Project:** NA.



**Anushka Singh**

anushkasingh988@gmail.com ● +91 - 8742967677

---

**CGPA:** 8.18.

**Skill Set:** Core Java, C Language, Simulation, Matlab.

**Training/Project:** NA.



**Ashi Vashistha**

ashi.vashistha@gmail.com ● +91 - 8447499579

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**CGPA:** 7.57.

**Skill Set:** C Language, Simulation, matlab, scilab, html, javascript., database.

**Training/Project:** NA.

# B.Sc. (H) Electronics



**Bhumika Sachdeva**

bhumikasachdeva18@gmail.com ● +91 - 9899792809

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**CGPA:** 8.46.

**Skill Set:** C language, Database(My sql), Matlab, Simulation, Html, Javascript.

**Training/Project:** NA.



**Javeri Khatoon**

javerikhatoon@gmail.com ● +91 - 8510929130

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**CGPA:** 6.14.

**Skill Set:** Java, C Language, Android, Matlab, Scilab, Html, Java Script.

**Training/Project:** NA.



**Kratika Varshney**

krativarshney.kratika@gmail.com ● +91 - 7838549292

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**CGPA:** 7.81.

**Skill Set:** Java, C Language, Android, Matlab, Scilab.

**Training/Project:** Workshop on Arduino conducted by IIT Madras.



**Manisha Patwal**

manu.patwal.17@gmail.com ● +91 - 8755638394

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**CGPA:** 8.57.

**Skill Set:** C, C++, Java, Html (Beginner), Basic Knowledge of Scilab, Matlab and Multisim.

**Training/Project:** Workshop on Arduino conducted by IIT Madras.

# B.Sc. (H) Electronics



**Nitansha**

nitansha.198@gmail.com ● +91 – 8377990517

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**CGPA:** 6.65.

**Skill Set:** Learnt C, C++, Java Language, Simulation, Html, Java Script.

**Training/Project:** NA.



**Pooja Sharma**

sharmapooja861997@gmail.com ● +91 - 8287989790

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**CGPA:** 8.11.

**Skill Set:** Html, C, Java Script, Computer Basics and Fundamentals, Scilab, Matlab.

**Training/Project:** NA.



**Prachi Ahalawat**

prachi.ahalawat@gmail.com ● +91 - 9717349233

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**CGPA:** 8.71.

**Skill Set:** C Language, Simulation, Matlab.

**Training/Project:** 2-Day Workshop on Robotics.



**Priya Agrawal**

priya.priyaagrawal2020@gmail.com ● +91 - 8826949568

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**CGPA:** 8.18.

**Skill Set:** C Language, Android, Matlab, Scilab, C++, Html, Java Script, Database Management (SQL), Simulation.

**Training/Project:** NA.

# B.Sc. (H) Electronics



**Riya Kishore**

riyakishore04@gmail.com ● +91 - 7531029030

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**CGPA:** 8.11.

**Skill Set:** Basic Knowledge of C Language, Html, Microsoft Office, Beginner in Matlab, Scilab, Java Script, C++, Multisim.

**Training/Project:** Workshop on Robotics conducted by IIT Mumbai; Workshop on PCB fabrication conducted by NSIT; Workshop on Arduino.



**Sakshi Sharma**

kaushiksakshi44@gmail.com ● +91 - 7895679529

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**CGPA:** 7.3.

**Skill Set:** C, Java Script, Computer Basics and Fundamentals, Scilab, Matlab.

**Training/Project:** 2-day Workshop on (.Net).



**Sakshi Tyagi**

sakshityagi17499@gmail.com ● +91 - 8860170134

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**CGPA:** 8.89.

**Skill Set:** C language, C++, HTML, Javascript, Java, Android, Computer basics and fundamentals, Matlab, Scilab, Multisim, DBMS (SQL).

**Training/Project:** 2-day Robotics workshop conducted by IIT Mumbai.



**Shubhangi Ghosh**

shubhangighosh89@gmail.com ● +91 - 8447177837

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**CGPA:** 8.07.

**Skill Set:** C, Java Script, Computer Basics and Fundamentals, Scilab, Matlab.

**Training/Project:** NA.

# B.Sc. (H) Electronics



**Shrashti Sharma**

shrashtisharma832@gmail.com ● +91 - 9654973905

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**CGPA:** 8.32.

**Skill Set:** C Language, Simulation, Matlab, C++, Android.

**Training/Project:** NA.



**Vandana Pal**

palvandana45@gmail.com ● +91 - 9451957671

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**CGPA:** 7.79.

**Skill Set:** Core Java, C Language, Simulation, Matlab, C++.

**Training/Project:** NA.



**Vandana Pal**

vinnipal111@gmail.com ● +91 - 9818505737

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**CGPA:** 7.57.

**Skill Set:** C, Html (Beginner), Basic Knowledge of Scilab, Matlab and Multisim.

**Training/Project:** NA.



**Suchita Bisht**

suchitasb16@gmail.com ● +91 - 8800579664

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**CGPA:** 6.64.

**Skill Set:** Core Java, C Language, Simulation, Matlab.

**Training/Project:** NA.

# B.Sc. (H) Electronics



**Shivani**

shivanikaimeya136@gmail.com ● +91 - 9873766856

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**CGPA:** 3.00.

**Skill Set:** Core Java, C Language, Simulation, Matlab, C++

**Training/Project:** NA.



**Muskan Bansal**

bansalmuskan1998@gmail.com ● +91 - 8447488535

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**CGPA:** 6.5.

**Skill Set:** Basic Knowledge of C Language, Android, Mat Lab, Scilab, Html, Java Script, Multisim.

**Training/Project:** Workshop on PCB Fabrication conducted by NSIT; Workshop on Arduino.



**Samanta**

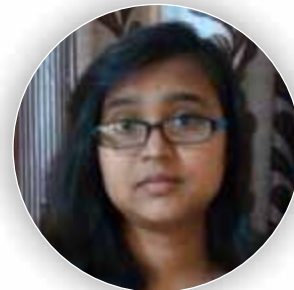
samantachaudhary98@gmail.com ● +91 - 7290800374

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**CGPA:** 7.18.

**Skill Set:** Java, C Language, Android, Matlab, Scilab, Html, Java Script.

**Training/Project:** NA.



**Akanksha Tyagi**

aashityagi206@gmail.com ● +91 - 8650710164

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**CGPA:** 9.11.

**Skill Set:** C Language, Matlab, Computer Basics and Fundamentals, Scilab,HTML, Java Script, C++, Multisim, Core Java, Advanced Java, Python, DBMS (SQL).

**Training/Project:** Workshop on Robotics; Workshop on Arduino; Mario Game using Python, Online Examination using Advanced Java.



# B.Sc. (H) Electronics



**Deepshikha**

deepshikhachaudhary1998@gmail.com ● +91 - 9012625496

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**CGPA:** 7.79.

**Skill Set:** Html (Beginner}, C, C++, Computer Basics and Fundamentals.

**Training/Project:** Pursuing Training in Embedded Systems (AVR Microcontroller) from Ducat; Attended Robotics Workshop.



**Sonam**

pressume00@gmail.com ● +91 - 8376933471

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**CGPA:** 5.89.

**Skill Set:** C language, android, c++, html, java script, database management (SQL), basic knowledge of matlab and scilab.

**Training/Project:** Working on all type of portable chargers



**Ayushi Pant**

ayushi97pant@gmail.com ● +91 - 9582766219

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**CGPA:** 8.07.

**Skill Set:** Html, C, Java Script, Computer Basics and Fundamentals, Scilab, Matlab, C++.

**Training/Project:** NA.



**Rishika Sharma**

rishikasharma.trmps@gmail.com ● +91 - 8439671578

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**CGPA:** 8.75.

**Skill Set:** C Language, Matlab, Scilab, Html, Java Script, C++, Multisim, DBMS (SQL).

**Training/Project:** Workshop on Sensor based Robotics from Indian Tech Group (Delhi); Currently working on Line

# B.Sc. (H) Electronics



**Deepika Joshi**

deepika2107@gmail.com ● +91 - 9643087200

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**CGPA:** 6.93.

**Skill Set:** C language, Scilab, Matlab, Basic knowledge of matlab and scilab.

**Training/Project:** NA.



**Bhagwati Meena**

bhagwatimeena5869518@gmail.com ● +91 - 9911324822

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**CGPA:** 6.3

**Skill Set:** C, Java Script, Computer Basics and Fundamentals, Scilab, Matlab, Html.

**Training/Project:** NA.



**Kajal**

kajjudaksh@gmail.com ● +91 - 8750730041

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**CGPA:** 7.82.

**Skill Set:** C Language, Java Script. Computer Basics and Fundamentals, Scilab, Matlab, Html, Basic Java, Android, Multisim, VHDL.

**Training/Project:** 2-day Workshop on (.Net).



**Deepu**

deepudaksh7u@gmail.com ● +91 - 9717417447

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**CGPA:** 7.07.

**Skill Set:** C language, Scilab, Matlab, Basic Java, Android, Multisim, VHDL.

**Training/Project:** 1-day workshop on (.NET).

# B.Sc. (H) Electronics



**Bharti Nimesh**

bharti.nimesh0820@gmail.com ● +91 - 8818066965

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**CGPA:** 3.07

**Skill Set:** C language, Scilab, Matlab, Basic Java, Android, Multisim, VHDL.

**Training/Project:** NA.



**Shweta Kumar**

kumeshweta828@gmail.com ● +91 - 9910159643

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**CGPA:** 6.8.

**Skill Set:** Html, C, C++, Java, Java Script, Computer Basics and Fundamental, Scilab, Matlab.

**Training/Project:** NA.



**Reshmi**

reshmikumari483@gmail.com ● +91 - 7065926880

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**CGPA:** 6.5.

**Skill Set:** C Language, Computer Basics and Fundamentals, Scilab, Matlab.

**Training/Project:** NA.

# PROFILE

## B.Sc. (H) Food Technology

### Students'



**Aisha Peenwal**

aisha.peenwal.97@gmail.com ● +91 - 9971596335

**CGPA:** 7.61.

**Skill Set:** Well-versed with most of the instruments related to food processing and packaging (Brookfield viscometer, Air dried oven, Abbe's refractometer, Autoclave, Laminar Air Flow hood, Microscope, Zahmnagel gas volume tester, colorimeter, spectrophotometer, Cabinet dryer, Fluidised Bed Freezer, Deep freezer, Butyrometer, Kjeldahl apparatus, Analytical balance, Lactometer, Basic knowledge of analytical instrumentation and statistics. managerial skills learnt during internship in Makson Group confectionery in Gujarat.

**Training/Project:** Makson Group confectionery in Gujarat.



**Anjali Singh**

angel.anjali987@gmail.com ● +91 - 8826223371

**CGPA:** 9.36.

**Skill Set:** Knowledge of handling Autoclave, Laminar Air Flow hood, Microscope, Brookfield viscometer, Air dried oven, Abbe's refractometer, spectrophotometer, Cabinet dryer, Fluidised Bed Freezer, Deep freezer Butyrometer, Kjeldahl apparatus, Analytical balance, Lactometer, Multi-Purpose Analyzer and knowledge of word, excel, powerpoint. Basic knowledge of biostatistics.

**Training/Project:** FOSTOC - Safety in bakery product, one month summer training at Pradeshik Co-operative Dairy Federation, Lucknow, UP.



**Akansha Singh**

aakanshaspirit@gamil.com ● +91 8742955310

**CGPA:** 5.9

Mobile no.:

**Skill Set:** knowledge of how to handle refractometer, photography, Lightroom, laminar flow, autoclave, microscope, spectrophotometer, butyrometer, GC, TLC, kjeldhal apparatus, colorimeter, Flame Photometer.

**Training/Project:** NA.



**Akanksha**

akankshaetw1920@ gmail.com ● +91 - 9560636718

**CGPA:** 7.6.

**Skill Set:** Viscometer, Abbes refractometer, soxhlet apparatus, butyrometer, kjeldhal unit, freezer, drier, TLC, HPLC, autoclave, spectrometer, Dean and stark moisture content estimation and canning unit.

**Training/Project:** Internship in NDRI Karnal.

# B.Sc. (H) Food Technology



**Ankita Rawat**

ankirwt99@gmail.com ● +91 - 7210027314

**CGPA:** 9.89.

**Skill Set:** Analysis, correlation & regression analysis, t-test, chi-square test, ANOVA, basic knowledge of concepts of linear algebra, spectrophotometer, colorimeter, moisturemeter, viscometer, abbes refractometer, soxhlet apparatus, butyrometer, kjeldahl unit, freezers, driers, canning, TLC, autoclave, GC- FID, GC- TCD, flame photometer, folin's method for protein estimation in milk, dean & stark method for moisture content, mohr's procedure for salt content estimation, pour plate technique, streaking method for microbial count (MPN), water (coliforms), air quality testing, meal planning.

**Training/Project:** FOSTAC - Bakery Supervisor 2017, Moon Beverages (Coca Cola).



**Anushka Pallavi**

anushkapallavi@hotmail.com ● +91 - 9455127528

**CGPA:** 6.43.

**Skill Set:** Brook field viscometer, spectrophotometer, abbes refractometer, freezer drier, autoclave, laminar, flow, canning, dean and stark method for moisture content.

**Training/Project:** NA.



**Aradhna**

raoaradhya094@gmail.com ● +91 - 9958537126

**CGPA:** 4.67.

**Skill Set:** Statistics, linear algebra, kjeldhal unit, drier, spectrophotometer, butyrometer, autoclave, Microscope.

**Training/Project:** NA.



**Bhoomika Khatter**

bhoomikhattar04@gamil.com ● +91 - 9991305460

**CGPA:** 8.5.

**Skill Set:** Knowledge of how to handle refractometer, kiln dryer, laminar flow, autoclave, microscope, air drying oven, Brookfield viscometer, refractometer, Muffle Furnace, BR meter, RM apparatus, Soxhlet apparatus, voter mixer, centrifuge, spectrophotometer, butyrometer, kjeldhal apparatus, flame photometer, moisturemeter.

**Training/Project:** Training in Codex : Principles and Practices, FOSTAC : Safety in bakery products, Summer Training at Mother Dairy Fruits and Vegetables Pvt. Ltd. Patparganj, New Delhi (QA/QC) Poster Presentation (1).

# B.Sc. (H) Food Technology



**Chanda**

chndarai2909@gamil.com ● +91 - 9821140318

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**CGPA:** 8.18.

**Skill Set:** Working knowledge of MS Office; Skilled in working with instruments like Karl Fisher titrator, Tintometer, Polarimeter, moisture analyser, lactometer, HPTLC, butyrometer, colorimeter, Abbe's refractometer, viscometer, flame photometer, double beam spectrophotometer, FT-IR spectroscopy, HPLC, gas chromatography, dissolution tester, canning units, Thin Layer Chromatography, industrial



**Divya Gupta**

divyagupta1202@gamil.com ● +91 - 9717418412

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**CGPA:** 8.96.

**Skill Set:** Data analysis, correlation & regression analysis, t-test, chi-square test, ANOVA, spectrophotometer, colorimeter, moisturemeter, viscometer, Abbe's refractometer, Soxhlet apparatus, butyrometer, Kjeldahl unit, color comparator, basic microbiological techniques, turbidity meter, pH meter, TDS meter, gas volume tester, density meter.

**Training/Project:** FOSTAC - Bakery supervisor 2017, Moon Beverages (Coca Cola).



**Kadambini Pandey**

kadambini.29@gmail.com ● +91 - 8447975874

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**CGPA:** 9.68.

**Skill Set:** Knowledge of handling Autoclave, Laminar Air Flow hood, Microscope, Brookfield viscometer, Air dried oven, Abbe's refractometer, spectrophotometer, Cabinet dryer, Fluidised Bed Freezer, Deep freezer Butyrometer, Kjeldahl apparatus, Analytical balance, Lactometer, Multi-Purpose Analyzer and knowledge of word, excel, powerpoint, Basic knowledge of biostatistics.



**Kirti Singh**

kirti.singh2896@gmail.com 8447633816

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**CGPA:** 8.39.

**Skill Set:** Knowledge of how to handle refractometer, kiln dryer, laminar flow, autoclave, microscope, air drying oven, brookfield viscometer, refractometer, spectrophotometer, butyrometer, kjeldahl apparatus, gc, tlc, colorimeter, flame photometer.

# B.Sc. (H) Food Technology



**Mahima Meena**

mahimameena109@gmail.com ● +91 – 9582319873

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**CGPA:** 8.29.

**Skill Set:** Knowledge of how to handle refractometer, kiln dryer, laminar flow, autoclave, microscope, air drying oven, Brookfield viscometer, refractometer, spectrophotometer, butyrometer, kjeldhal apparatus, GC, TLC colorimeter, flame photometer.

**Training/Project:** FOSTOC - training on safety in bakery



**Monica Jaiswal**

smileymj20@gmail.com ● +91 - 9643227411

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**CGPA:** 8.0.

**Skill Set:** knowledge of how to handle refractometer, kiln dryer, laminar flow, autoclave, microscope, air drying oven, Brookfield viscometer, refractometer, spectrophotometer, butyrometer, kjeldhal apparatus, GC, TLC, colorimeter, flame photometer.

**Training/Project:** FOSTAC - safety in bakery product, internship at moon beverages, DBT summer project in college itself.



**Mrigya Bansal**

mrigyabansal2@gamil.com ● +91 - 9013478869

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**CGPA:** 9.25

**Skill Set:** Capable to handle Spectrophotometer, Tray dryer, viscometer, refractometer, fluidised bed freezer, kjeldal assembly, Soxhlet apparatus.

**Training/Project:** 1-month training at Mother Dairy fruit and vegetable plant mangolpuri, written one research paper presented 2 posters, Training in codex: principle and practices, FOSTOC - Training on safety in bakery products.



**Priya pal**

priyapal1302@gmail.com ● +91 - 8527788194

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**CGPA:** 9.11.

**Skill Set:** Sound knowledge of Brookfield viscometer, spectrophotometer, abbe's refractometer, tray dryer, laminar air flow, freezers, autoclave, butyrometer, kjeldal apparatus, soxhlt apparatus, follin's method for protein estimation, canning, TLC, colorimeter and basic knowledge of T-test, chi square test, ANOVA, correlation and regression analysis of data.

**Training/Project:** Internship at Mother Dairy Fruits and Vegetable Pvt. Ltd.; Training in codex: principle and practices, FOSTOC - training on safety in bakery product.

# B.Sc. (H) Food Technology



**Priyanka Prajapati**

shrutirohilla2@gmail.com ● +91 - 8901323431



**Sakshi**

sakshirohilla2209@gamil.com ● +91 - 9718064181

**CGPA:** 9.07.

**Skill Set:** Working knowledge of spectrophotometer, Tray dryer, viscometer, refractometer, fluidised bed freezer, kiln dryer, kjeldhal assembly, Soxhlet apparatus, colorimeter, abbe's refractometer, TLC, air sampler, biostatistics, canning, quantitative analysis of tannin content, total phenolic content, calcium content.

**Training/Project:** Summer internship programme Dabur India Limited, Plot No. 22, Site-IV, Sahibabad Ghaziabad in quality assurance for 2 months and worked on project during internship. Assocom - FSSAI FoSTaC training – Train the Trainer – Bakery – Food Processing 2017. Written one review paper and presented 2 posters.

**CGPA:** 8.69.

**Skill Set:** Knowledge of handle spectrophotometer, butyrometer, autoclave, laminar flow, spray dryer, kiln dryer, abbe's refractometer, Brookfield viscometer, moisturometer, muffle furnace, freezers, Soxhlet apparatus, kjeldhal unit, knowledge of making different milk products like mozzarella cheese, channa, ice-cream, kulfi yoghurt etc. fortification of iron inn cereal flours, preparation of different bakery products like biscuit cookies, different types of cakes, utility management at dairy plant and CIP in Dairy and other food processing industries.

**Training/Project:** Paper Presentation (1), Review paper (1); Training in (NDRI) National Dairy Research Institute, Karnal.



**Rashi Jain**

jainrashi.rj26@gmail.com ● +91 - 9654530125



**Shrestha Naudiyal**

shrestha.naudiyal70@gmail.com ● +91 - 9205869844

**CGPA:** 8.39.

**Skill Set:** Knowledge of handling Brookfield viscometer, Air dried oven, Abbe's refractometer, Autoclave, Laminar Air Flow hood, Microscope, Zahmnel gas volume tester, colorimeter, spectrophotometer, Cabinet dryer, Fluidised Bed Freezer, Deep freezer, Butyrometer, Kjeldahl apparatus, Analytical balance, Lactometer, Basic knowledge of biostatistics.

**Training/Project:** Summer Training (1 month) at Moon Beverages (Coca cola); Training in Codex : Principles and Practice; FOSTOC : Safety in bakery product.

**CGPA:** 7.29.

**Skill Set:** Brook field viscometer, spectrophotometer, ABBES refractometer, freezer, driers, commercial autoclave, moisturometer, laminar flow, canning, dean and stark method for moisture content.

**Training/Project:** FOSTAC - Bakery supervisor 2017, internship at moon beverages.



# B.Sc. (H) Food Technology



**Shreya Kanojia**

shreyakanojia75@gmail.com ● +91 - 9711729103

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**CGPA:** 8.57.

**Skill Set:** Knowledge of handling autoclave, microscope, laminar air hood, Brookfield viscometer, air dried oven, refractometer, spectrophotometer, butyrometer, kjeldahl apparatus.

**Training/Project:** Fostoc - Safety in bakery product, Codex Alimentarius, Moon beverages (Coca Cola).



**Shruti**

shrutirohilla2@gmail.com ● +91 - 8901323431

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**CGPA:** 8.79.

**Skill Set:** Knowledge of biostatistics, driers, microscope, spectrophotometer, chromatography, autoclave, laminar flow, freezers, basic knowledge of calculus, linear algebra, AGE, PAGE, Tissue culture.

**Training/Project:** Mrs. Bector's Cremica Food Industries Ltd., Phillaur.



**Shweta Gautam**

shwetagautam200@gmail.com ● +91 - 8447161962

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**CGPA:** 8.79.

**Skill Set:** Knowledge of how to handle refractometer, kiln dryer, laminar flow, autoclave, microscope, air drying oven, Brookfield viscometer, refractometer, spectrophotometer, butyrometer, kjeldhal apparatus.

**Training/Project:** FOSTAC - Safety in bakery product, CODEX by AFST, Delhi Chapter; Internship at Moon Beverages.



**Simran Rajput**

simran.rajpoot1991@gmail.com ● +91 - 9205152974

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**CGPA:** 8.0.

**Skill Set:** Knowledge of how to handle refractometer, kiln dryer, laminar flow, autoclave, microscope, air drying oven, Brookfield viscometer, refractometer, spectrophotometer, butyrometer, kjeldhal apparatus, GC, TLC, colorimeter, flame photometer.

**Training/Project:** FOSTAC - safety in bakery product, internship at moon beverages, DBT summer project in college itself.

# B.Sc. (H) Food Technology



**Sparsh Yadav**

sparshyadav449@gmail.com ● +91 - 9711536324

**CGPA:** 7.69.

**Skill Set:** data analysis, correlation and regression analysis, basic knowledge of concepts of linear algebra, spectrophotometer, colorimeter, moisturemeter, viscometer, abbes refractometer, soxhlet apparatus, butyrometer, kjeldahl unit, freezers, driers, canning, TLC, autoclave, GC-FID, GC-TCD, flame photometer, folin's method for protein estimation of milk, dean and stark method for moisture content, pour plate technique, streaking method for microbial count (MPN), water (coliform), air quality testing, meal planning.

**Training/Project:** Moon Beverages, Sahibabad.



**Srishti Rawat**

sristyrawat1@gmail.com ● +91 - 7838445507

**CGPA:** 6.2.

**Skill Set:** Data security, risk analysis, cryptography and application, computer forensics, cyber laws and security policies, correlation & regression analysis, chi-square test, basic knowledge of concepts of biostatistics, spectrophotometer, colorimeter, moisturemeter, streaking method for microbial count, viscometer, abbes refractometer, t-test, soxhlet apparatus, butyrometer, kjeldahl unit, freezers, driers, canning, TLC, autoclave, GC-TCD, flame photometer, folin's method for protein estimation in milk, dean & stark method for moisture content, mohr's procedure for salt content estimation, pour plate technique, water (coliforms), air quality testing, meal planning, ANOVA.



**Shreelakshmi**

shreelakshmi470@gmail.com ● +91 - 9643759774

**CGPA:** 6.43.

**Skill Set:** knowledge of c language, viscometer, ABBES refractometer, soxhlet apparatus, butyrometer, kjeldahl unit, freezers, driers, canning, TLC, commercial autoclave, Mohr's method for salt estimation, folin's method for protein estimation in milk, dean and stark method for moisture content.

**Training/Project:** Bakery Supervisor 2017, Dabur India Ltd.



**Suyimzenla**

suyimienla97@gmail.com ● +91 - 9560110054

**CGPA:** 6.75

**Skill Set:** Knowledge of driers, freezers, canning, refractometer, butyrometer.

**Training/Project:** NA.

# PROFILE

## Students'

## B.Sc. (H) Instrumentation



**Abha Gahlot**

gahlot.abha24@gmail.com ● +91 - 9560441246

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**CGPA:** 8.30.

**Skill Set:** Mat Lab, Lab View.

**Training/Project:** Null



**Ankita Rawat**

ankitarawat831@gmail.com ● +91 - 8802167801

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**CGPA:** 8.11.

**Skill Set:** C++, DBMS, SQL, Matlab, Scilab, Lab View, HTML, Tally.

**Training/Project:** NA.



**Anuska**

anushka0128@gmail.com ● +91 - 9540253122

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**CGPA:** 6.86.

**Skill Set:** C, HTML, DBMS, Matlab, LabView.

**Training/Project:** NA.



**Arnika**

arnikakhokher@gmail.com ● +91 - 9560101951

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**CGPA:** 8.23.

**Skill Set:** Matlab, Scilab, Embeeded System.

**Training/Project:** NA.

## B.Sc. (H) Instrumentation



**Bhoumika Verma**

bhoumi02verma@gmail.com ● +91 - 9873323715

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**CGPA:** 6.21.

**Skill Set:** Computer languages: DBMS, Information Security, Web Development, HTML, C++, Java, Lab View, Matlab, Practical instrumental knowledge of HPLC, GC, Spectrophotometer, Sphygmomanometer, ECG, EEG.

**Training/Project:** NA.



**Farha Saifi**

farhasaifi15@gmail.com ● +91 - 8882201346

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**CGPA:** 5.21.

**Skill Set:** Computer languages: python, C++, Matlab, Multisim, Labview software, Analytical Instruments like HPLC, GC, And Spectrophotometer.

**Training/Project:** NA.



**Khushboo Singh**

sunita.singh1478@gmail.com ● +91 - 7838479787

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**CGPA:** 5.76.

**Skill Set:** Computer languages: C++, Matlab, Multisim, Labview software; Analytical Instruments like HPLC, GC, Spectrophotometer; Biomedical Instruments like Sphygmomanometer, ECG, and EEG.

**Training/Project:** NA.



**Manisha Kumari**

manishakumari031997@gmail.com ● +91 - 8586858029

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**CGPA:** 7.78

**Skill Set:** C++, HTML, SQL, Lab View, VHDL, Multisim , DBMS, Matlab.

**Training/Project:** Home Automation.

## B.Sc. (H) Instrumentation



**Manisha V**

manishavelu58@gmail.com ● +91 - 8800791105

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**CGPA:** 5.65.

**Skill Set:** Fundamental knowledge of electronics, biomedical instrumentation and analytical instrumentation. Can handle analytical instruments like GC, HPLC, Flame photometer, Colorimeter, TLC spectrophotometer meter & Biomedical Instruments Like Ultrasound machine, ECG machine , Stethoscope , Spiro meter, Software like C++, MS Office.

**Training /Project:** Summer internship in analytical field on “Milk Analysis”.



**Mariam Jamal**

mariamjamal001@gmail.com ● +91 9990185718

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**CGPA:** 7.29.

**Skill Set:** Computer languages : Android Studio, Web Development, C++, Java, HTML, MATLAB, Microprocessor 8085, Analytical Instruments like HPLC, GC, Spectrophotometer, Biomedical Instruments like Sphygmomanometer, ECG, EEG.

**Training/Project:** Robotics Workshop, Internship at Dabur India in Quality Control and Assessment Lab.



**Namita Nandwani**

namitanandwani189@gmail.com ● +91 - 9891448395

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**CGPA:** 6.07

**Skill Set:** C, C++, Matlab, LabView, Basics of Java.

**Training/Project:** NA.



**Neha**

nc537135@gmail.com ● +91 - 8744961678

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**CGPA:** 7.86.

**Skill Set:** Computer languages: C++, MATLAB, LabVIEW, Analytical Instruments like HPLC, GC, Spectrophotometer, Biomedical Instruments like Sphygmomanometer, ECG, EEG.

**Training/Project:** NA.

# B.Sc. (H) Instrumentation



**Nikita**

peehukataria89@gmail.com ● +91 - 8376950121

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**CGPA:** 5.43.

**Skill Set:** C++, HTML, SQL, Lab View, VHDL, Multisim.

**Training/Project:** Home Automation.



**Nishu Yadav**

016septnihsuyadav@gmail.com ● +91 8506828355

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**CGPA:** 7.66

**Skill Set:** Fundamental knowledge of electronics, biomedical instrumentation and analytical instrumentation. Can handle analytical instruments like GC, HPLC, Flame photometer, Colorimeter , TLC spectrophotometer meter & Biomedical Instruments Like Ultrasound machine, ECG machine , Stethoscope , Spiro meter . Software: multisim, LABview, MS Office.

**Training /Project:** Summer internship in analytical field on “Milk Analysis”.



**Parakh Sachdeva**

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**CGPA:** 9.08.

**Skill Set:** C Language, Matlab, Multisim, Labview.

**Training/Project:** Embedded systems workshop held by Tevatron.



**Pooja Yadav**

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**CGPA:** 6.33.

**Skill Set:** HTML, Matlab, Scilab, C++, DBMS.

**Training/Project:** NA.

## B.Sc. (H) Instrumentation



**Priya Varshney**

priyavarshney070497@gmail.com ● +91 - 9891581599

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**CGPA:** 8.06.

**Skill Set:** Computer languages - C++, HTML, DBMS, Matlab, Labview, Microprocessor 8085, VHDL. Analytical instruments like HPLC, GC, Spectrophotometer. Biomedical instruments like Sphygmomanometer, ECG, and Ultrasound machine. Good in circuit implementation.

**Training/ project:** Workshop on Multisim Software including topics like designing of various filters and circuits.



**Priyanka Gupta**

pgupta9711@gmail.com ● +91 - 7042831033

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**CGPA:** 8.10.

**Skill Set:** Knowledge of C & C++, Matlab, LabView, multisim. Analytical Instruments like HPLC, GC, Spectrophotometer. Biomedical Instruments like Sphygmomanometer, ECG, and EEG.

**Training/Project:** NA.



**Priyanka Rana**

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**CGPA:** 7.68.

**Skill Set:** MATLAB, LabView, Multisim, Scilab, VHDL, Analytical Instruments like HPLC, GC, Spectrophotometer, Biomedical Instruments like Sphygmomanometer, ECG, EEG.

**Training/Project:** NA.



**Reeshika Sundaram**

rssinha19@gmail.com ● +91 8750514144

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**CGPA:** 7.93.

**Skill Set:** C++, Matlab, SQL, Multisim.

**Training/ Project:** Summer Internship Project on Super Heterodyne Receiver, Ministry of Defence, DRDO.

# B.Sc. (H) Instrumentation



**Riya Sharma**

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**CGPA:** 6.7.

**Skill Set:** MATLAB, LabView, Multisim, Scilab, VHDL, Analytical instruments like HPLC, GC, Spectrophotometer. Biomedical instruments like Sphygmomanometer, ECG, EEG.

**Training/Project:** NA.



**Rohini Supriya**

rsupria7@gmail.com ● +91 - 9873697004

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**CGPA:** 6.93.

**Skill Set:** HTML, Matlab, Scilab, C++, DBMS. Biomedical instruments like Sphygmomanometer, ECG, EEG.

**Training/Project:** NA.



**Shivani**

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**CGPA:** 7.73.

**Skill Set:** MATLAB, Multisim, Analytical instruments.

**Training/Project:** NA.



**Shivani**

shivani Kapoor3124@gmail.com ● +91 - 7065484818

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**CGPA:** 5.21.

**Skill Set:** Matlab, Labview, HTML, C, DBMS.

**Training/Project:** NA.



# B.Sc. (H) Instrumentation



**Shivani**

shivani1198.shivi@gmail.com ● +91 - 9716221189

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**CGPA:** 5.25.

**Skill Set:** Matlab, LabView.

**Training/Project:** NA.



**Shivani Jha**

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**CGPA:** 6.56

**Skill Set:** HTML, Matlab, Skilab, C++, DBMS. Biomedical Instruments like Sphygmomanometer, ECG, EEG.

**Training/Project:** NA.



**Shweta Dhyani**

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**CGPA:** 8.30.

**Skill Set:** Knowledge of Matlab, HTML, SQL, DBMS, Labview, Scilab, Microsoft Office.

**Training/Project:** NA.



**Sonali Kushwaha**

sonalikushwaha14@gmail.com ● +91 - 9013302997

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**CGPA:** 7.84.

**Skill Set:** C++, HTML, SQL, Lab View, VHDL, Multisim, DBMS, Matlab.

**Training/Project:** Home Automation.

# B.Sc. (H) Instrumentation



**Sonika Rawat**

sonikarawat529@gmail.com ● +91 - 9643757311

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**CGPA:** 8.0

**Skill Set:** Matlab, LabView, Multisim, VHDL , C, C++, HTML, JAVA. Analytical instruments like HPLC, GC, Spectrophotometer. Biomedical instruments like Sphygmomanometer, ECG, EEG.

**Training/Project:** NA.



**Sushmita**

saina413500@gmail.com ● +91 - 7011606997

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**CGPA:** 6.93.

**Skill Set:** Matlab, Labview, Scilab.

**Training/Project:** NA.



**Sushmita**

sushmitadadhwal@gmail.com ● +91 - 8745918220

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**CGPA:** 7.86.

**Skill Set:** Matlab, GC, VI, Scilab, HTML, SQL.

**Training/Project:** SSPL, DRDO.



**Urvashi Gupta**

urvashigupta065@gmail.com ● +91 8750195072

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**CGPA:** 8.28.

**Skill Set:** C++, HTML, SQL, Lab View, VHDL, Multisim, DBMS.

**Training/Project:** Home Automation.

# B.Sc. (H) Instrumentation



**Vaishnavi Kaushal**

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**CGPA:** 7.17.

**Skill Set:** Programming using Mat lab, C++ programming language, JavaScript ,HTML programming languages, VHDL programming, Virtual instrumentation using LabVIEW Software.

**Training/Project:** Workshop on Multisim Software including topics like designing of various filters and circuits.



**Sidra Khan**

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**CGPA:** 6.72.

**Skill Set:** Matlab, Lab View, Scilab.

**Training/Project:** NA.



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