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



NAAC Accreditation

Our college has been accredited with NAAC grade 'A' with a CPGA of 3.11.



NIRF Ranking

The college is **ranked 67** in college category in NIRF 2020.

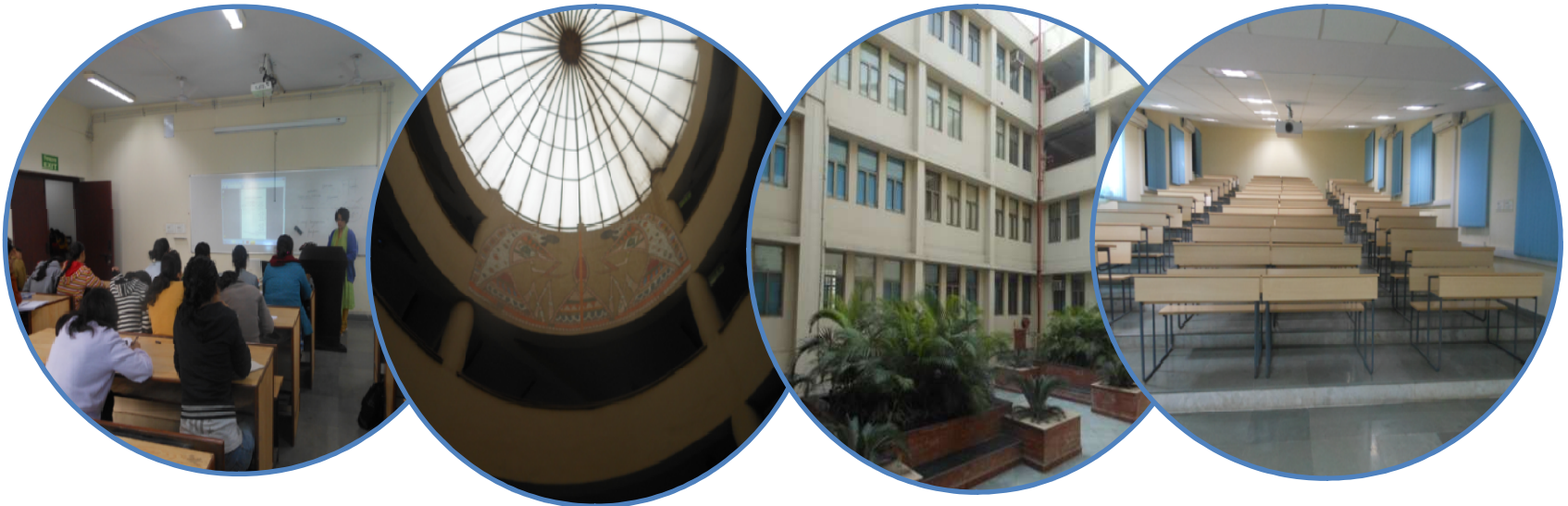


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INFRASTRUCTURE

Academic Block

- An aesthetically designed campus spread over an area of 8 acres of land with state of the art infrastructure.
- Four floored Academic Block with all departmental laboratories.
- ICT enabled one Seminar Room and four Lecture Theatres on each floor.
- Student's Common Room, Canteen and Gymnasium in the basement area.



Admin Block

- Principal's Office, Administrative office, Accounts office, a Conference room
- A Committee room.
- A three floored RFID enabled Library.
- A fully air conditioned Auditorium with a seating capacity of about 500.



Amphitheatre and Grounds

- Lush green Grounds.
- An artistic Amphitheatre



Hostel and Quarters

- A well maintained Hostel with a capacity of 119 residents on sharing basis.
- A hygienic mess to cater to the food requirements.
- A Medical room equipped to handle the basic first aid requirements.
- Facilities like Recreational Room, Pantry and Laundry are also available.
- The hostel warden and Matron handles the responsibilities of the hostel.
- On campus accommodation with four Quarters for academic and eleven for administrative staff.

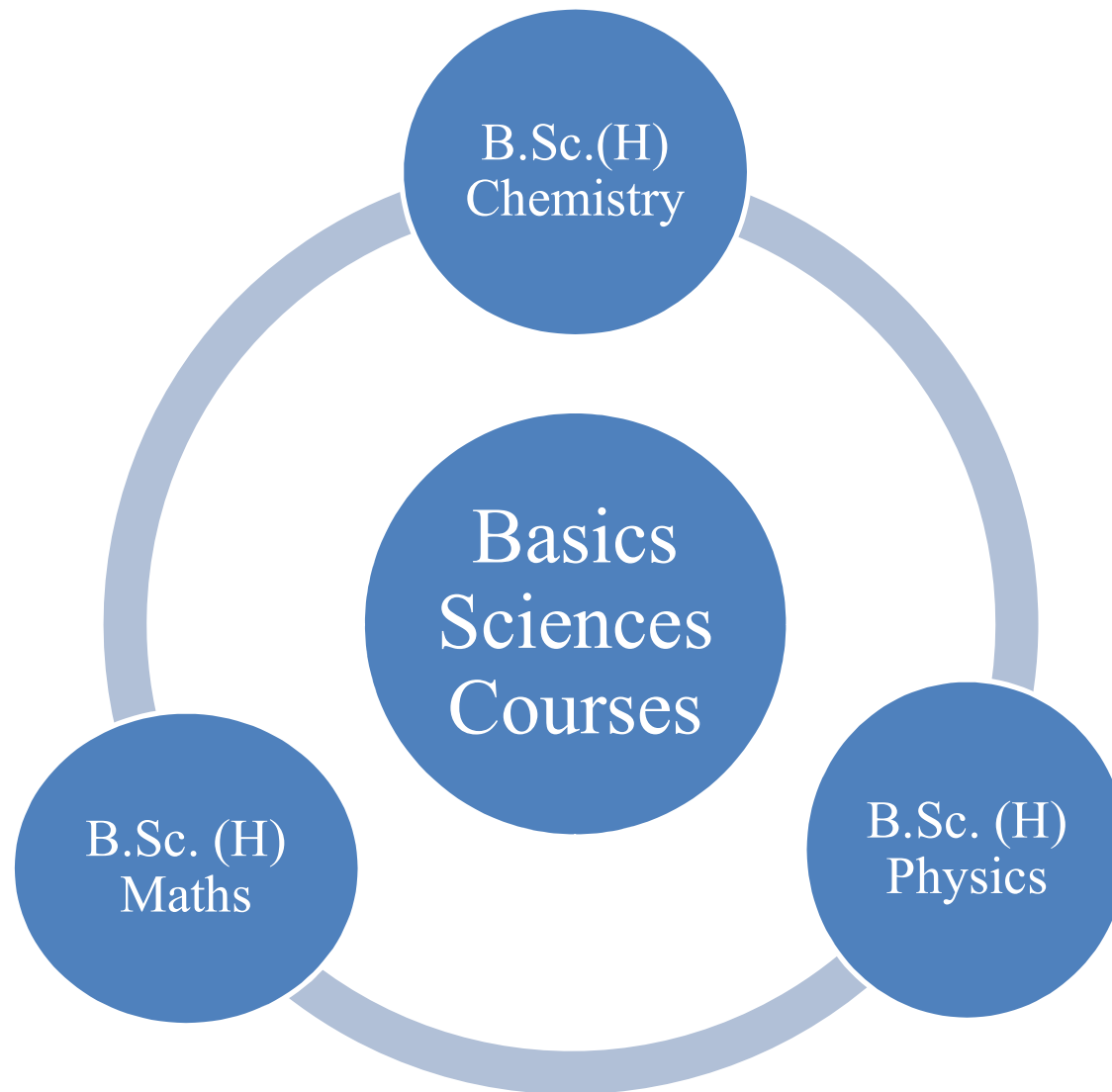
Hostel and Quarters (Contd.)



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COURSES

Basic Sciences Courses



Applied Courses

B.Sc(H)
BioChemistry

B.Sc(H) Food
Technology

B.Sc(H)
BioMedical
Science

B.Sc(H)
Instrumentati
on

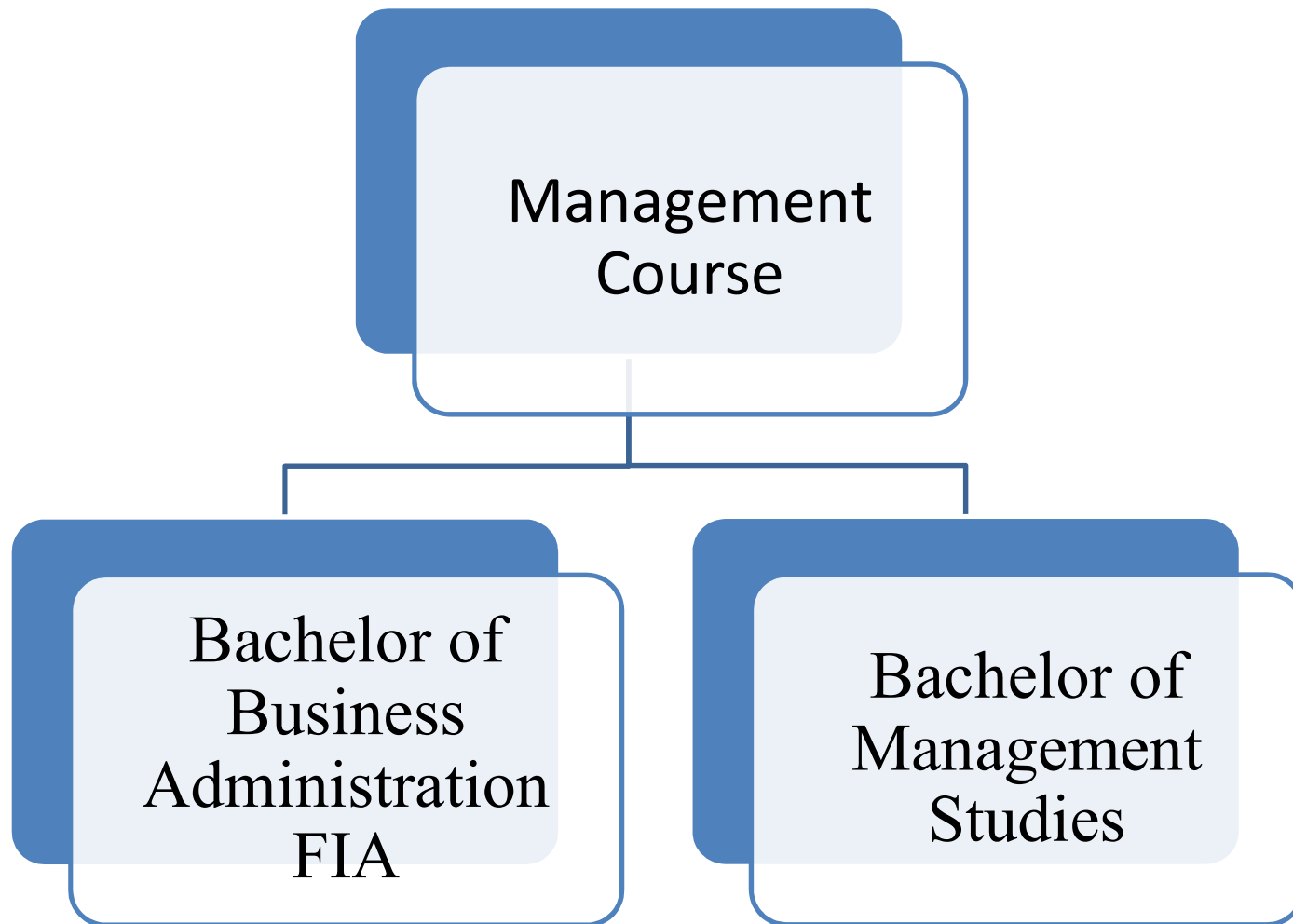
B.Sc(H)
Computer
Science

B.Sc(H)
Microbiology

B.Sc(H)
Electronics

B.Sc(H)
Statistics

Management Courses



Arts Courses

Arts
Course

B.A.(H) Psychology

DEPARTMENTS-

**Infrastructure, faculties, Activities , Achievements
and
Results**

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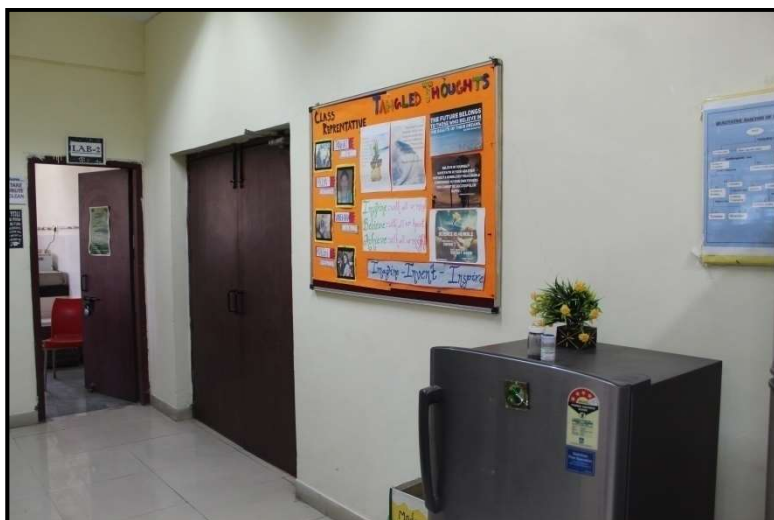
Department of Biochemistry



Department of Biochemistry Infrastructure

- The department is situated on the ground floor in academic block.
- Biochemistry lab is well equipped with all basic and advanced instruments like
 - weighing balance,
 - PH meter
 - UV and visible spectrophotometer
 - Refrigerated centrifuges
 - Protein and DNA Gel running systems
 - Protein analysis system
 - Basic chromatography equipment's and Microscopes

Department of Biochemistry Infrastructure (contd.)



Department of Biochemistry Faculties



Dr. Sadhna Jain



Dr. Lakshmi Sarin



Dr. Bhawana
Sharma



Dr. Tarun Kumar



Dr. Mohita Bhagat



Dr. Alok Kumar
Singh



Dr. V.A. Pratyusha



Dr. Poorti Kathpalia

THE TECHNICAL FEST- PLEXUS 2019

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

Department's of Biomedical Science, Biochemistry & Microbiology

Presents

PLEXUS

THEME: NEUROSCIENCE

Date:
4th October, 2019

Venue:
College Auditorium

SEMMAA BT:
Dr. Kunzang Chosdol
Professor of Biochemistry
AIIMS, Delhi
Dr. Manjari Tripathi
Professor of Neurology
AIIMS, Delhi

Department of Biochemistry
Rebuttal
President:
Shalini Mondal
8368056162

Department of Microbiology
Just-A-Minute
President:
Deesha
8800262450

Department of Biomedical Science
Trivia Triffles
President:
Ishi Jain
7065906855

Department of Biochemistry Activities

- ❖ With utmost zeal and enthusiasm, **Vasantotsav** i.e Vasant Panchami was celebrated and a small talk by our former principal, Dr. Lakshmi Devi was organized on the topic of Time Management on 30th January 2020.
- ❖ An insightful workshop, “**Train the trainers**” by Prof. Balram Singh was conducted on 10th February 2020.
- ❖ A workshop on IPR, “**IPR Workshop Ice Breaker on Patents**” was conducted on 17th February 2020.
- ❖ A **webinar series** was organized on the following topics:
 - ❖ Embracing Traditional Knowledge: Indian Vedic Immunoboosting Practices by Prof. Balram Singh, Director at Institute of Advanced Sciences, USA on 20th April 2020.
 - ❖ Scientific Approach for solving societal problems by Prof. Alok Bhattacharya, Head of Department of Biology, Ashoka University on 15th May 2020.
 - ❖ Yoga for healthy body & mind by Mr. Ram Sahu, Yoga instructor at Isha Foundation on 18th May 2020.
 - ❖ Basic Scientific research and its societal relevance by Prof. J.K. Roy, Head of Department of Zoology, BHU on 18th May 2020.
- ❖ A **virtual farewell** for the batch of 2020 was organized on 15th June 2020.

Department of Biochemistry

Activities

Following 8 **research projects** were conducted and all were accepted at 3rd *International conference on Food, Nutrition, Health and lifestyle (Nutricon'19)* entitled "Emerging trends in nutrition and Food science" held in Thailand on 7-8th November 2019.

- ❖ In-vitro studies for anti-oxidant & anti-diabetic properties in bark extract of *Saracaasaca*. Principal Investigator: Dr. Sadhna Jain
- ❖ Effect of sprouting on amylase inhibition activity in fenugreek seeds. Principal Investigator: Dr. Sadhna Jain
- ❖ Potential of citrus fruits peels for pharmaceutical and cosmetic industries: An environmentally friendly approach. Principal Investigator: Dr. Sadhna Jain & Dr. Mohita Bhagat
- ❖ Effect of germination on antioxidative and antiarthritic properties of wheatgrass. Principal Investigator: Dr. Sadhna Jain
- ❖ Comparative study on antioxidant activity and phytochemical analysis of 0-7 days old sprouts of mung bean (*Vignaradiata*) and black gram. Principal Investigator: Dr. Bhawna Sharma
- ❖ Estimation of ascorbic acid in pulp and peel of citrus fruits using alternative methods: Iodine Clock. Principal Investigator: Dr. Sadhna Jain
- ❖ To study the effect of natural ingredients on seborrheic dermatitis (dandruff). Principal Investigator: Dr. Lakshmi Sarin
- ❖ To study the antimicrobial activity in peels of citrus fruits. Principal Investigator: Dr. Astha Giri
- ❖ *To study the effect of natural ingredients on seborrheic dermatitis (dandruff)* (Principal Investigator: Dr. Lakshmi Sarin)' won 1st prize (Rs. 5000) in Innovative idea category and *To estimate the ascorbic acid content by using alternative method: Iodine clock* (Principal Investigator: Dr. Sadhna Jain) won 2nd prize (Rs. 4000) in Research poster presentation at **International conference on 'Frontiers of Biochemistry & Biotechnology: Strategies to combat human diseases' at Shivaji College**
- ❖ *Natural remedies for seborrheic dermatitis (dandruff): A Study on their level of Effectiveness* (Principal Investigator: Dr. Lakshmi Sarin) secured 1st position (Cash Prize: Rs. 2500) in oral presentation in innovation category at **National Seminar and Research Fest' 20: Antimicrobial Therapy: Challenges and Future treatments** at Shaheed Rajguru College of Applied Sciences for Women, Delhi University
- ❖ Students visited **Dabur Research Foundation**, attended a workshop at **Translational Health Science and Technology Institute (THSTI)** and went for an educational visit to South Campus.

Department of Biochemistry Activities



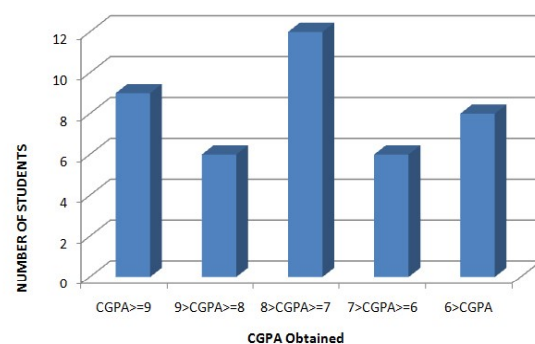
"Innovation is our tradition"

Department of Biochemistry Students' Achievements

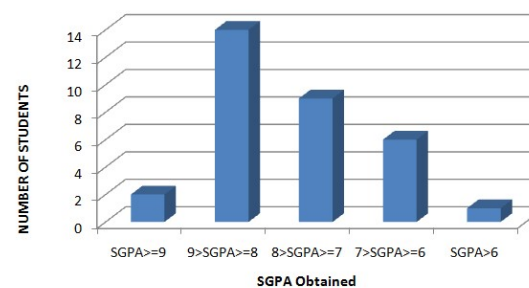
- ❖ In Semester I, Himani secured the first position and Deepika and Sabika secured second position in the University exams.
- ❖ In Semester V, Surabhi stood first, Ritika stood second and Gayatri, Aspiara, Priya Sinha, Anjali Jaiswal stood third in the University examination.
- ❖ Reena Kumari, Khushi, Vanshika, Kishnoor, Vibhuti, Ayushi and Muskan Tiwari secured 1st prize (Cash Prize: Rs. 5000) in poster presentation on the topic '*To study the effect of natural ingredients on seborrheic dermatitis (dandruff)*' (Principal Investigator: Dr. Lakshmi Sarin) in innovation category at International Conference on Frontiers in Biochemistry & Biotechnology: Strategies to Combat Human Diseases (IC 2020) organized by Department of Biochemistry of Shivaji College, University of Delhi.
- ❖ Ritika Bassi, Surbhi Chauhan, Anjali Jaiswal and Priya Sinha won 2nd prize (Rs. 4000) in Research poster presentation on the topic '*To estimate the ascorbic acid content by using alternative method: Iodine clock*' (Principal Investigator: Dr. Sadhna Jain) at International conference on 'Frontiers of Biochemistry & Biotechnology: Strategies to Combat Human Diseases' at Shivaji College.

Department of Biochemistry Results

Result of batch 2017-2020



Result of Batch 2018-2021



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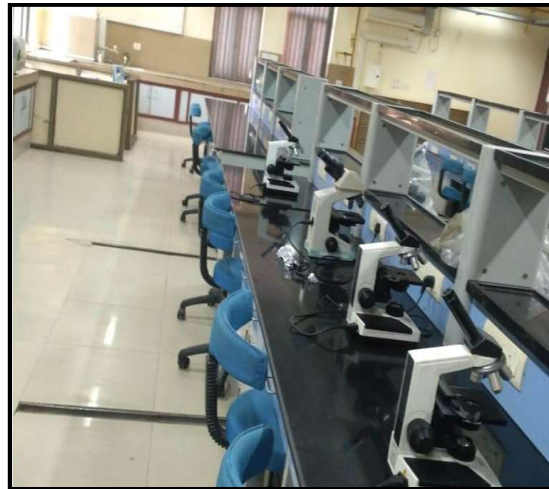
Department of Biomedical Science



Department of Biomedical Science Infrastructure

- Department of Biomedical Science has four well equipped labs namely
 - Microbiology Lab
 - Molecular Biology/ Biotechnology Lab
 - Tissue culture Lab/ Cell Biology Lab
 - Research Lab
- **Departmental Library:** The Department has a library with a reading room.
- **Internet facilities for Staff & Students:** The Department has system with Internet facility.
- The Department has a **Research/Workshop laboratory** recognized by the university currently with one Ph.D. Student.

Department of Biomedical Science Infrastructure (contd.)



Department of Biomedical Science Faculties



Dr. Radhika
Bakshi



Dr. Shruti
Banswal



Dr. Varsha
Mehra



Dr. Mohd.
Saquib Ansari



Dr. Indu
Arora



Dr. Manisha
Khatri



Dr. Parvinder
Kaur



Dr. Hemant
Kardam

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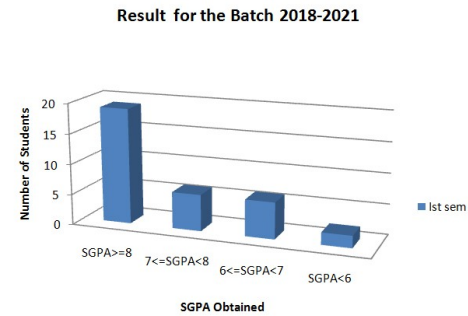
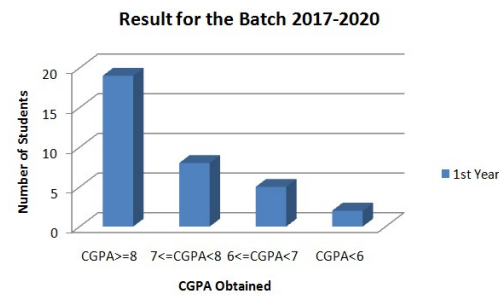
Department of Biomedical Science
Trivia Triffles
President:
Ishi Jain
7065906855

Department of Biomedical Sciences

Students' Achievements

- ❖ Satarupa Sarkar secured the 2nd position in the overall result of the University in 2018-2019 for her performance in the examinations held from 2016-2019.

Department of Biomedical Science Results



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Department of Chemistry



Department of Chemistry Infrastructure

- There are four well equipped labs namely:
 - Inorganic Lab
 - Organic Lab
 - Physical Lab
 - Research Lab
- **Departmental Library:** The Department has a small library/book club. Teachers use its facility for preparation of lectures.
- **Internet facilities for Staff & Students:** The Department has two systems with Internet facility. They are available for both staff and students to access web.

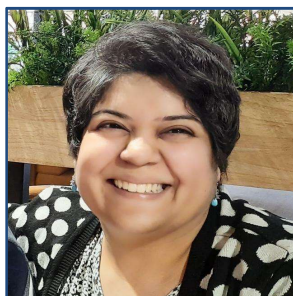
Department of Chemistry Infrastructure(Contd.)



Department of Chemistry Faculties



Dr. Jasjeet Kaur



Dr. Shuchi
Dhingra



Ms. Neha Sagar



Dr. Deepak
Kumar



Dr. Anjeeta
Rani



Dr. Mukesh
Kumar



Dr. Garima Khanna

THE TECHNICAL FEST- TRAP 2019




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

Department of Chemistry, Mathematics, Physics and Statistics
Presents

TRAP'19

EVENTS



**Valid ID Cards
Mandatory**


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Associate Partners:





Media Partners:

3RD OCTOBER (10AM Onwards)

- ❖ Talk by MR. Alok Bansal ,Career Counceller on carrer options in India and Abroad
- ❖ Talk by MR. Harjas Singh,Author of the book,'The Righteous Rebel'
- ❖ Debate competiton (12:30PM Onwards)

4TH OCTOBER

- EdHeads
- Quizzigar 2.0
- Best Out of E-Waste
- Chem-Mania

WIN CASH
PRIZES
WORTH
45,000

TREASURE HUNT AT 3:30PM
and many more exciting fun events(10AM to 3PM)

For more details

✉ trap.srcasw@gmail.com

📷 [trap_srcasw](https://www.instagram.com/trap_srcasw)

Contact-

Karishma- 7500185189

Anjali- 8368138662

Aayushi- 827931165

Sanya-8368231666

Department of Chemistry Activities

- ❖ Talk by Mr. Alok Bansal, Career Counsellor, on *Career Options in India and Abroad*
- ❖ Talk by Mr. Harjas Singh on *Everything about Relationships*
- ❖ Chemania- *Chemistry Quiz Competition*
- ❖ Fun activities : *Ballon pe booty , Cup walk, Ping tong*

Department of Chemistry Activities



Department of Chemistry Students' Achievements

- ❖ Bhawna, Muskan Chhabra and, Vidhi (2018-2021 batch) have worked as summer intern on the project “*Chemical detection of latent fingerprints*”, at Shaheed Rajguru College of Applied Sciences for Women, June-July 2019.
- ❖ Karishma Kumari, Shivani Bhandari and Avantika Rajput (2018-2021 batch) have worked as summer intern on the project “*Comparative evaluation of plant based natural pH indicators and synthetic indicators*”, at Shaheed Rajguru College of Applied Sciences for Women, June - July 2019 (under DBT star college scheme).
- ❖ Meetul Sharma, Riyansha Verma (Batch 2018-2021) and Divyanshi Anand (2017-2020 batch) have worked as summer intern on the project “*Fruit juices catalysed organic transformation*”, at Shaheed Rajguru College of Applied Sciences for Women, June - July 2019 (under DBT star college scheme).
- ❖ Shiva Pandey (2017-2020 batch) has worked as summer intern on the project “*Synthesis, characterization of Schiff base complexes and their theoretical studies*”, at Shaheed Rajguru College of Applied Sciences for Women, June - July 2019 (under DBT star college scheme).

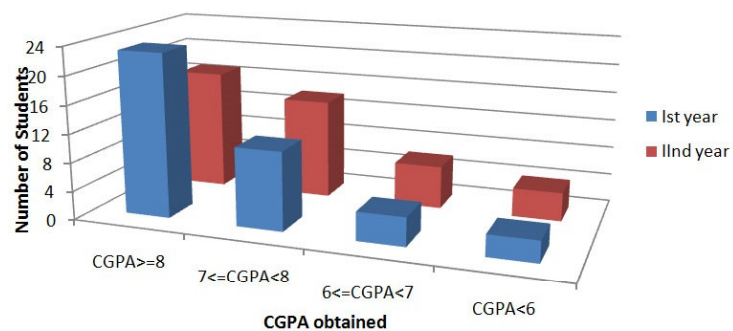
Department of Chemistry

Students' Achievements

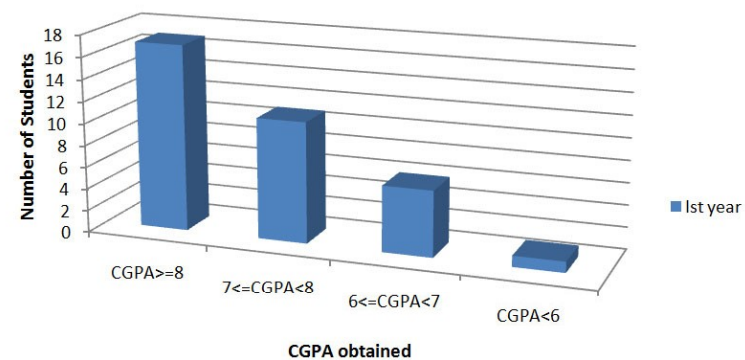
- ❖ Deepanshi Sharma (2018-2021 batch) has been awarded Science Academies' Summer Research Fellowship 2020, to work at Jawaharlal Nehru for Advanced Scientific Research, Bengaluru.
- ❖ Diksha Singla and Prerna Goel (2017-2020 batch) are working as Research Analysts (Trainees) on the project "*Identify crop volatiles released under different crop activity / diseases / infestations*", at Ayata Intelligence, Delhi, 15th April, 2020.
- ❖ Ritu Katiyar (2017-2020 batch) is working as Research Analyst (Trainee) on the project "*Symbiosis in crops, survey of 100 farmers to get to know about their pain points in many aspects of farming*", at Ayata Intelligence, Delhi, 15th April, 2020.
- ❖ Beena Joshi and Deeksha Dwivedi (2017-2020 batch) are working as Research Analysts (Trainees) on the project "*Volatile organic compounds that are released during pathogen attack in plants*", at Ayata Intelligence, Delhi, 15th April, 2020.

Department of Chemistry Results

Result for the Batch 2017-2020



Result for the Batch 2018-2021



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Department of Computer Science



Department of Computer Science Infrastructure

- The department has 4 well equipped ICT enabled labs with about 135 computers with latest computer configuration, 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.
- Three HP LaserJet 4555HMFP server printers, coloured laser printer, laser printers cum scanners.
- Each lab has a mounted LCD projector which is used during seminars and presentations.

Department of Computer Science Infrastructure

- An add-on CISCO laboratory is further equipped with CISCO equipment.
- Various utility rooms like **programmer room, server room, departmental library, UPS room, teaching rooms and technical staff room.**
- **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

Department of Computer Science Infrastructure(Contd.)



Department of Computer Science faculties



Dr. Suruchi
Chawla



Ms. Deepali Bajaj



Dr. Aakanksha



Ms. Tina
Sachdeva



Ms. Urmil
Bharti



Ms. Asha Yadav



Ms. Seema



Mr. Sumit Kumar



Ms. Tulika
Kumari



Ms. Neha
Gandhi



Dr. Abha Jain

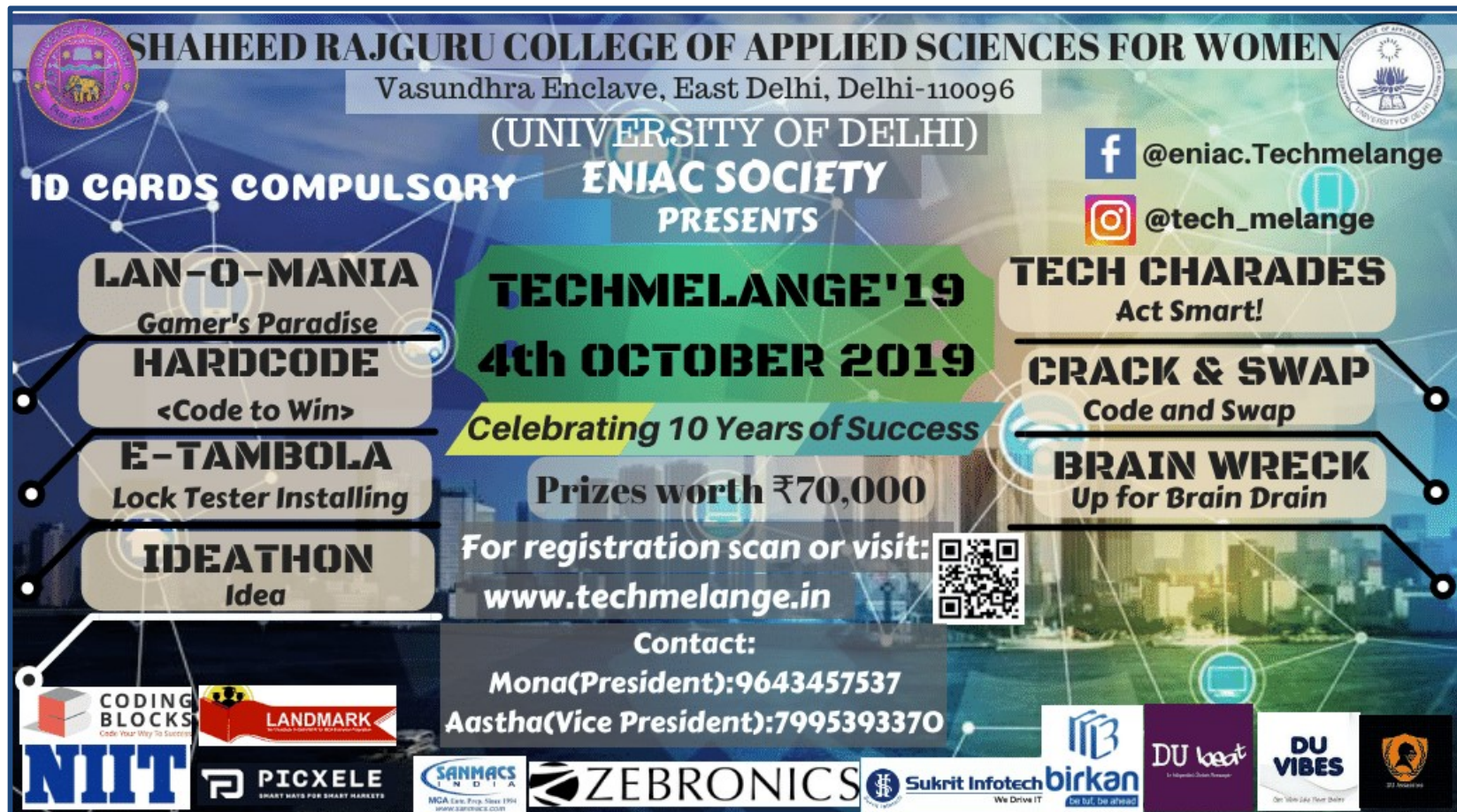


Ms. Monika



Ms. Anshika Singh

THE TECHNICAL FEST- TECHMELANGE 2019



SHAHEED RAJGURU COLLEGE OF APPLIED SCIENCES FOR WOMEN
Vasundhra Enclave, East Delhi, Delhi-110096
(UNIVERSITY OF DELHI)

ID CARDS COMPULSORY

ENIAC SOCIETY PRESENTS

TECHMELANGE'19
4th OCTOBER 2019
Celebrating 10 Years of Success
Prizes worth ₹70,000

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www.techmelange.in

Contact:
Mona(President):9643457537
Aastha(Vice President):7995393370

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IDEATHON
Idea

TECH CHARADES
Act Smart!

CRACK & SWAP
Code and Swap

BRAIN WRECK
Up for Brain Drain

CODING BLOCKS
Cable Your Way To Success

LANDMARK
Smart Ways For Smart Markets

NIIT

PICXELE
SMART WAYS FOR SMART MARKETS

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MCA Govt. Prop. Since 1994

ZEBRONICS

Sukrit Infotech
We Drive IT

birkan
for btl. be ahead

DU best
In Integrated Design Thinking

DU VIBES
Open Vision Like Never Before

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QR Code

Department of Computer Science Activities

- ❖ **Five days workshop on “Basic and Applied Sciences”** organized by Departments of Microbiology, Computer Science, Physics, and Chemistry from 17th to 26th June 2019 for students of Geeta Bal Bharti Public School, Delhi.
- ❖ **A technical talk on “*Intellectual Property Rights: A kaleidoscope of Opportunities*”** held on 2nd August 2019. The talk was delivered by eminent speaker Dr. Chitra Arvind, advocate and partner, LEX IP CARE.
- ❖ **A technical session on “*How does a processor execute my code? And Why!*”** was organized on 7th August, 2019 for the students of Computer Science, Electronics and Instrumentation departments. Session was delivered by an eminent speaker Mr. Alok Govil (Principal Engineer, Amazon) who is holding more than 40 US patents and authored many technical papers and book chapters.
- ❖ **A session on “*CV Building and Interview Skills*”** was organized on 17th September 2019 for the students of Department of Computer Science and Food Technology. The speaker for the session was Dr. Shivani Khurana, Professor, Institute for Integrated Learning in Management (IILM).

Department of Computer Science Activities

- ❖ A **two days (6 hrs) Workshop** was organized on "***Ethical Hacking and Cyber Security***" for Computer Science students on 26th & 27th September, 2019. The workshop trainer was Mr. Sonu Hussain, Microsoft Cyber Security Certified Trainer.
- ❖ The **Inter-College technical fest *Tech Melange 2019*** was organized by Departmental Student Council and ENIAC society along with teacher mentors on 4th October 2019. The chief guest for the event was Dr. Abhishek Tandon, Director, Indian Council of Social Science Research (ICSSR) who addressed students on importance of research and use of technology for social advancement. Various coding and gaming events were organized such as Lan-O-Mania, Hardcode, Tech Charades, Crack and Swap, Ideathon, e-Tambola, and Brain Wreck. Students from various renowned colleges & Universities across NCR participated in this event and the fest was a huge success.
- ❖ Talk on "***Violence against Women: Interpersonal and Digital Interface with Special Emphasis on Delhi Victim Compensation Scheme***" was organized on 22nd January 2020. It was delivered by Sh. Pawan Kumar, Secretary, DLSA East.

Department of Computer Science Activities

- ❖ A **career counselling talk** on 31 January, 2020 for the students of the department. It was delivered by Ms. Bhanvi Shukla, Agile Software Engineer Engineer, Tribalscale, UAE.
- ❖ Organized a **webinar on “Internet of Things (IoT) applications in Smart Agriculture: Issues,Challenges and Solutions”** on 24th April 2020 , Speaker: Dr. Anuradha Chugh, USCIT, GGSIP University, Dwarka, Delhi.

Department of Computer Science Activities



Department of Computer Science

Students' Achievements

- ❖ Hunar Batra from 3rd Year was selected as one of the Machine 28 global AI experts to collaborate as a Learning Engineer at Omdena AI for 8 weeks on their Coronavirus AI Pandemics challenge to understand the impact of policies during COVID-19 over the vulnerable groups using LDA topic modelling, time series analysis, correlation and exploratory data analysis.
- ❖ Astha Pattanaik from 2nd Year published a paper titled "Software Test Data Generation based on Path Testing using Genetic Algorithms" in International Journal of Recent Technology and Engineering (IJRTE)', ISSN: 2277-3878 (Online), Volume-8 Issue-6, March 2020. along with faculty Ms. Tina Sachdeva.
- ❖ Hunar Batra, Shreya Lalit, Shweta Lalit, Aayushi Gangwani from 3rd Year presented 'Medbot: Conversational Artificial Intelligence powered Chatbot for delivering Telehealth after COVID-19' at IEEE 5th International Conference on Communications and Electronic Systems (ICCES 2020) along with faculty Ms. Urmil Bharti and Ms. Deepali Bajaj.

Department of Computer Science

Higher studies prospects

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M.Sc. Computer Science

- University of Delhi
- NIT Tiruchirappalli
- South Asian University
- Anna University
- Banasthali Vidyapith
- etc.

MCA

- University of Delhi
- Jawaharlal Nehru University
- National Institute of Technology
- Banaras Hindu University
- Birla Institute of Technology & Science
- Guru Gobind Singh Indraprastha University
- Jamia Millia Islamia
- et

MBA

- Indian Institutes of Management
- Indian Institute of Technology
- Faculty of Management Studies - University of Delhi
- Indian Institute of Foreign Trade
- etc.

Department of Computer Science Higher studies prospects

PGDM

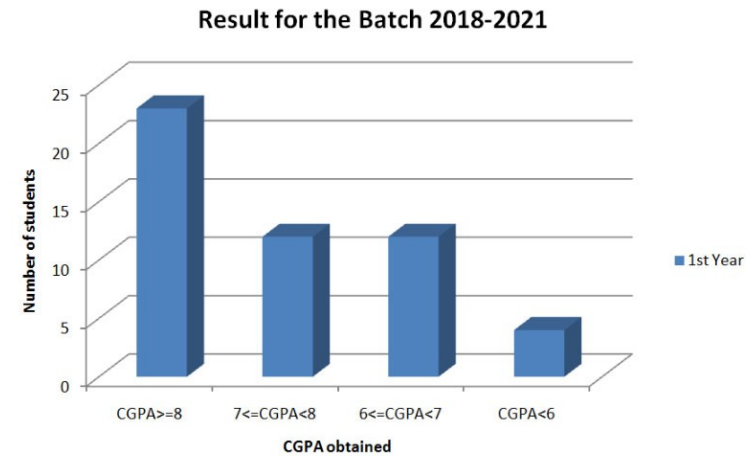
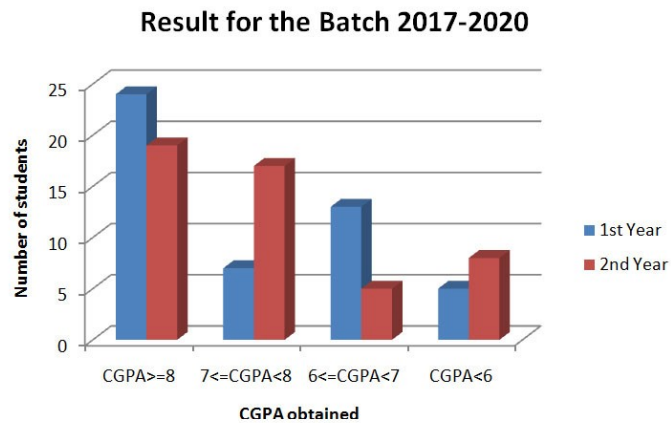
- Indian Institutes of Management
- Institute of Management Technology
- etc.

Bachelor of Education

- University of Delhi
- Guru Gobind Singh Indraprastha University
- Jamia Milia Islamia University
- etc.

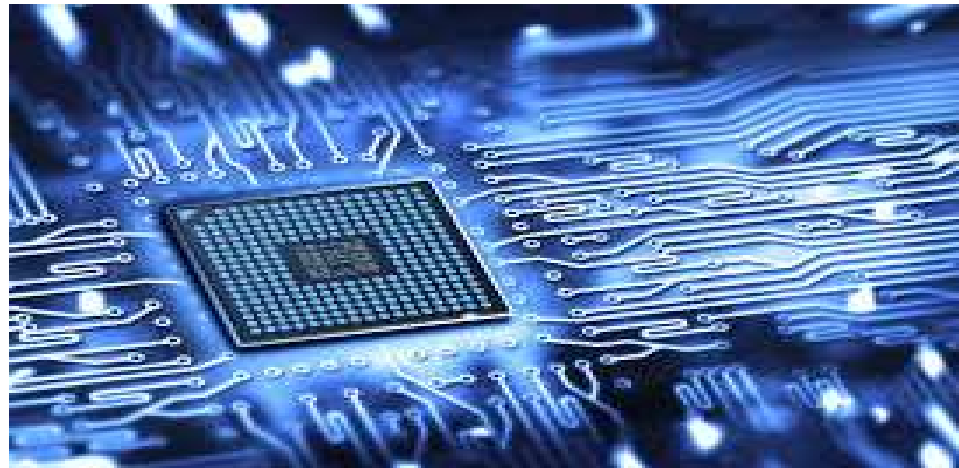
M. Sc in other disciplines
(IT, Operation Research / Computer Application etc.)

Department of Computer Science Results



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Department of Electronics



Department of Electronics Infrastructure

- There are well equipped eight laboratories namely
 - Circuit and Networks Lab
 - Digital and Analog Lab
 - Communication Lab
 - Microprocessor Lab
 - Optoelectronics Lab
 - Electronics Simulation Lab1
 - Electronics Simulation Lab2
 - Research Lab
- The Department has a Research/Workshop laboratory recognized by the university currently with one Ph.D. Student.

Department of Electronics Infrastructure (Contd.)

- The Department has a Research/Workshop laboratory recognized by the university currently with one Ph.D. Student.
- **Departmental Library:** The Department has a small library/book club and a reading room. Students use its facility during practical's and otherwise.
- **Internet facilities for Staff & Students:** The Department has about 40 systems with Internet facility. They are available for both staff and students to access web.

Department of Electronics Infrastructure (Contd.)



Department of Electronics Faculties



Ms. Venika Gupta



Ms. Preeti Singhal



Dr. Amita Kapoor



Ms. Monika Tyagi



Ms. Sonia Ahlawat



Dr. Neha Katyal



Ms. Surbhi Aggarwal

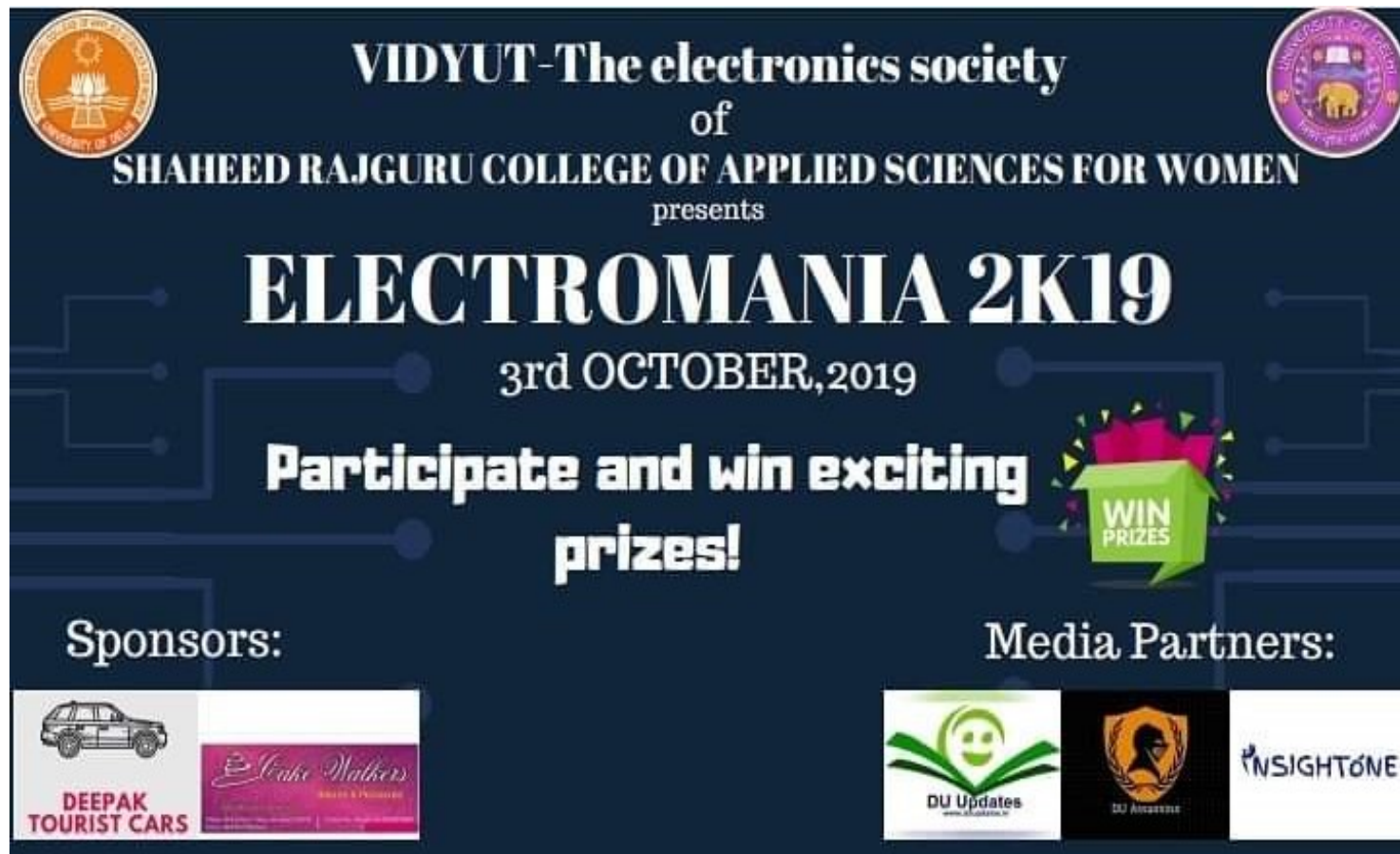


Mr. Deepak Jaiswal



Mr. Basant Saini

THE TECHNICAL FEST- ELECTROMANIA 2019



The poster features a dark blue background with a subtle circuit board pattern. At the top, two circular logos are displayed: the Shaheed Rajguru College of Applied Sciences for Women on the left and the Vidyut logo on the right. The central text is white and bold, announcing the event and its date. Below this, a call to action is followed by a green prize box icon. The bottom section is divided into two columns for sponsors and media partners, each with their respective logos.

VIDYUT-The electronics society
of
SHAHEED RAJGURU COLLEGE OF APPLIED SCIENCES FOR WOMEN
presents

ELECTROMANIA 2K19

3rd OCTOBER, 2019

Participate and win exciting prizes!

Sponsors:

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- Elite Walkers

Media Partners:

- DU Updates
- DU Angerite
- INSIGHTONE

Department of Electronics Activities

- ❖ Organized its Annual Technical Fest “**ELECTROMANIA’ 19**”
- ❖ Organized a National seminar on “**Laser Dynamics and Fiber Optics** ” in collaboration with Department of Physics.
- ❖ Organized a seminar on “**Introduction to Micro Electro Mechanical Systems**”
- ❖ Organized a seminar on “**Internet of Things**”
- ❖ Organized a Trip to “**Dalhousie**” in collaboration with Department of Biomedical Science.
- ❖ Organized an online workshop on “**MOODLE : LEARNING MANAGEMENT SYSTEM**”

Department of Electronics Activities



National Seminar on Laser Dynamics Departmental Fest- Electromania



Excursion to
Dalhousie



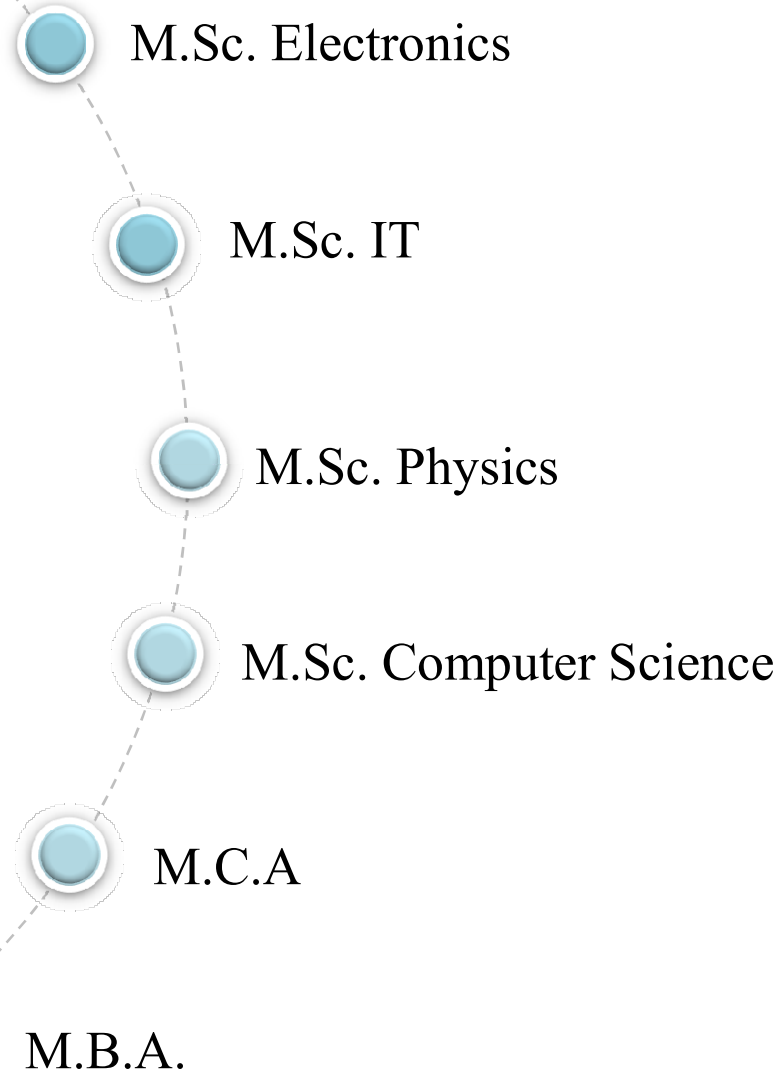
Bagged 1st position in
March Past in Sports
Fest



Seminar on
Internet of Things (IOT)

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Future Prospects



Department of Electronics Students' Achievements

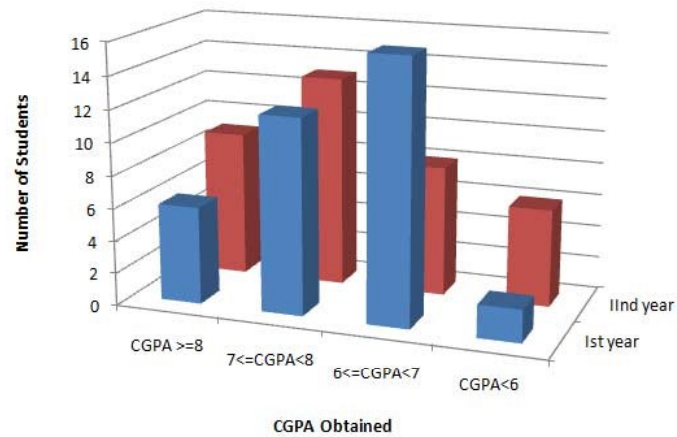
- ❖ Saumya Srivastava of batch 2016-19 has secured the 1st Position in the overall result of the university in 2018-2019 and has received a gold medal in 96th convocation ceremony of University of Delhi.
- ❖ Stuti Singh and Vasvi Gautam from third year have been selected for the next level in the E-Yantra Robotics National Competition organised by IIT Mumbai.
- ❖ Priya Deoli from first year secured the first position in the Power Point Presentation in “INOVISION” organised by SRCASW, University of Delhi.
- ❖ Himanshi Vaishya of second year got the second position in an online quiz held by BCAS, University of Delhi.
- ❖ Ms. T. Swathi, a student of B.Sc. (H) Electronics batch (2017-2020) has worked as an Associate Intern at Global Peace Foundation (Malaysia) from December 17th, 2019 – January 31st 2019.
- ❖ Ms. Sonia Thongam, a student of B.Sc. (H) Electronics batch (2017-2020) has been associated as an intern in an online Summer Student Research Programme from 5th June, 2020 - July 31st July, 2020 on the topic "Heterostructure of Semiconductors" in the Department of Physical Sciences in Indian Institute of Science Education and Research, Kolkata (IISER-K).

Department of Electronics Students' Achievements

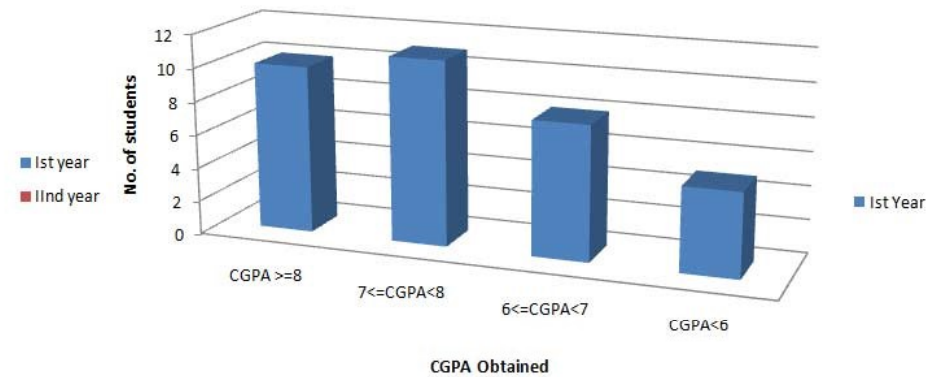
- ❖ Himanshi Vaishya of 2nd year participated in a five days online session on 61 IIRS outreach program on satellite photogrammetry and its application organised by DDUC, University of Delhi.
- ❖ Upasana Yadav of first year and Himanshi Vaishya of second year completed an online workshop on AI conducted by BCAS, University of Delhi.
- ❖ Himanshi Vaishya of second year also participated in an Online live session on evaluation of digital product in this world organised by Edureka.
- ❖ Archana Krishnan, Nidhi and Sonia Thongam participated in a workshop on Arduino Uno & biotechnology by Miranda House.
- ❖ A group of 14 students from first year participated in the MHRD Institution Innovation Concil (IIC) Hackathon-2020 conducted by DDUC, University of Delhi.
- ❖ A batch of 10 students completed a workshop on IOT using Arduino organised by Hansraj College, University of Delhi.

Department of Electronics Results

Result for the Batch 2017-2020



Result for the Batch 2018-2021



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Department of Food Technology



Department of Food Technology Infrastructure

- 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
 - Sensory Evaluation Lab
- The pilot plant I houses bakery and Ice-cream unit and Pilot plant II houses canning and dehydration unit.

Department of Food Technology Infrastructure(Contd.)

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- **Departmental Library:** The Department has a small library. Students use its facility during practical and otherwise.
- **Internet facilities for Staff and Students:** The Department has systems with Internet facility. They are available for both staff and students to access web.

Department of Food Technology Infrastructure(Contd.)



Department of Food Technology Faculties



Dr. Ranjana Singh



Dr. Deepa Joshi



Ms. Para Dholakia



Ms. Saumya Chaturvedi



Ms. Vandana



Ms. Prabhjot Kaur
Sabharwal



Mr. Twinkle
Sachachan



Dr. Jyoti Nishad

THE TECHNICAL FEST : WORLD FOOD DAY'19

 **SHAHEED RAJGURU COLLEGE OF APPLIED SCIENCES FOR WOMEN**
(University of Delhi) 

Department of Food Technology
celebrates

WORLD FOOD DAY' 2019



3rd October 2019
**HEALTHY DIETS
FOR A
#ZERO HUNGER
WORLD**

Events:

- * **Technical Session**
- * **Talking Titans**
- * **The Recipe Contest**
- * **Food Trivia**
- * **Doodle the Hunger**

sponsored by:-

For queries contact
Shalini Singh-9540889368
Anushka-8770957495
 **_edesia_19**

Events:

- * **Waste to Best**
- * **Sense to Bence**
- * **Food Shooters**
- * **Act-Enact**

Department of Food Technology Activities

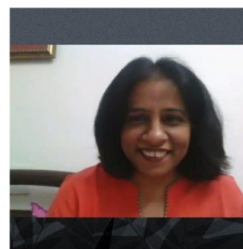
- ❖ World Food Day' 19
- ❖ Seminars & Webinars
- ❖ Departmental Trip

Department of Food Technology World Food Day'19



Department of Food Technology

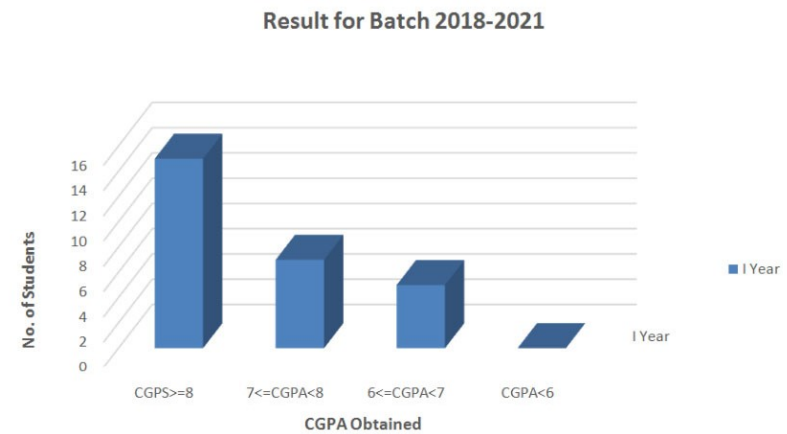
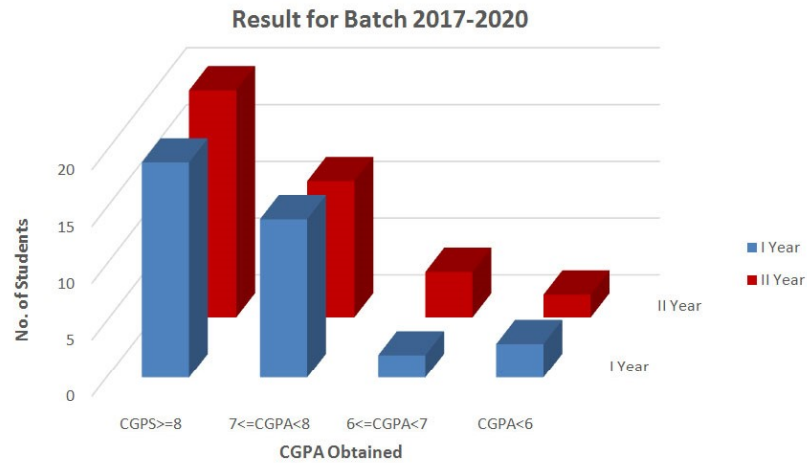
Other Activities



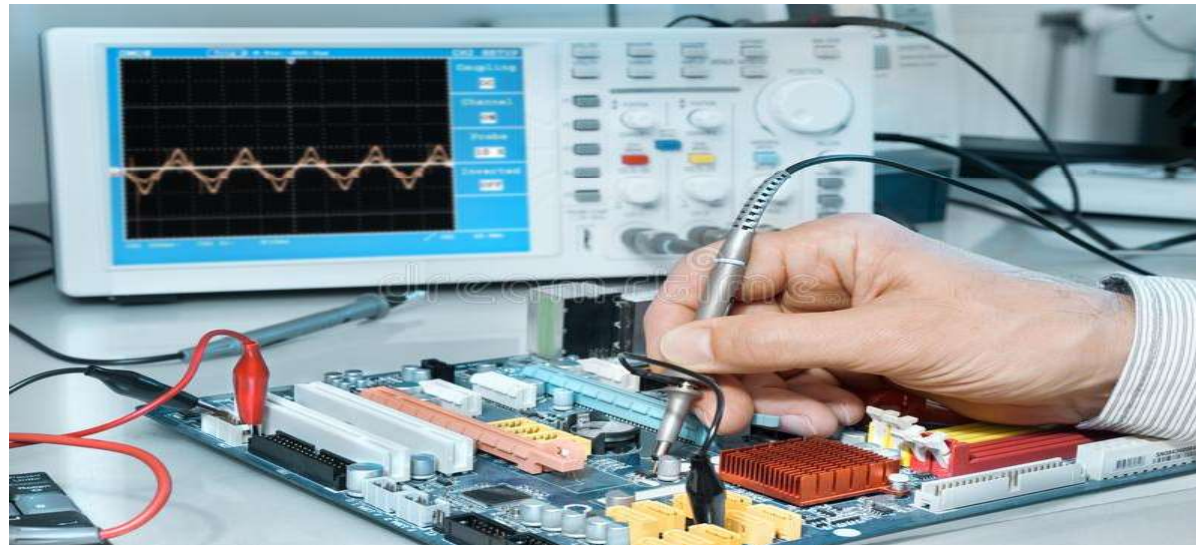
Department of Food Technology Students' Achievements

- ❖ PFNDAI Merit-Cum-Means-Scholarship of Rs 20000 awarded to Shalini Singh from the Department.
- ❖ Rashmi, Parul, Jampel, Shirin, Mansi Maurya received CII-FACE-SKA Merit-Cum-Means-Scholarship worth Rs 25000.
- ❖ Mili Manchanda has been awarded the Italian Technical Service Award by AIFPA.

Department of Food Technology Results



Department of Instrumentation



Department of Instrumentation Infrastructure (Contd.)

- Department has 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
 - Analog and Electronics Instrumentation Laboratory

Department of Instrumentation Infrastructure



Department of Instrumentation Faculties



Dr. Daya Bhardwaj



Dr. Sneha Kabra



Ms. Himani Dua



Ms. Neha Garg



Dr. Yogesh Pratap



Ms. Reshma Sinha



Dr. Sarul Malik

THE TECHNICAL FEST TECHNEXUS 2019



SHAHEED RAJGURU
COLLEGE OF APPLIED
SCIENCES FOR
WOMEN

Instrumentation
presents

TECHNEXUS 2019

OCTOBER 4, 2019

EVENTS:

1. CIRCUITRIX
2. JUST A MINUTE
3. PEHCHAAN KAUN
4. THE QUIZZARD OF OZ
5. MAZE RUNNER
6. CLASH OF THEORIES
7. CIRCUIT HUNT
8. HYDRAULIC CONTROL
9. BEG-BORROW-SELFIE

Follow us at our fb page:
@technexus2k19

**EXCITING
PRIZES!!**

ALL ARE CORDIALLY INVITED

Department of Instrumentation Activities 2019-2020

- ❖ Vizag student exchange/training program was held from 10th May 2019 to 20th May 2019 in different departments of the college.
- ❖ A group of students visited AIIMS to attend the Leadership dialogue series organized by DBT and BIRAC in partnership with AIIMS.
- ❖ A talk cum interaction session with Alumni was organized on 20th August 2019.
- ❖ An industrial visit to Waters India Pvt. Ltd. was organized for students on 18th Sep 2019.
- ❖ DL talk on “Nanotechnology Science and Engineering Amalgamation Emerging Liberalism of Homo Sapiens” was organized on 27th September 2019 at college premises.
- ❖ The Technical fest of instrumentation department “Technexus” was organised on 4th October 2019.

Department of Instrumentation Activities 2019-2020

- ❖ A group of students along with 2 faculty members participated in Global Bio-India Summit organized by Department of Biotechnology (DBT), Ministry of Science and Technology, Government of India and Biotechnology Industry Research Assistance Council(BIRAC) held from 21st November 2019 to 23rd November 2019.
- ❖ A group of students from along with 2 faculty members participated in 2 day International Summit on Women in STEM organized by International Centre for Genetic Engineering and Biotechnology (ICGEB) held on January 23-24, 2020 at India Habitat Centre, Lodhi Road Near Airforce Bal Bharati School, New Delhi.
- ❖ Hands-On Workshop titled “I-SENSO BOTZ for Embedded System Design” was organized from 17th February, 2020 to 18th February, 2020.
- ❖ A Mini Colloquium on “Nano-electronics and advanced semiconductor devices for future electronics” was organized by the department in collaboration with IEEE EDS Delhi Chapter.

Department of Instrumentation

Activities during COVID-19 Pandemic

- ❖ **National Webinar** titled “Role of technocrats in healthcare emergencies like nCovid-19” was organized on 20th April, 2020 at 3 PM IST via Cisco Webex application.
- ❖ An online **alumni interaction** session titled “Exploring the future endeavours in the field of environmental studies” on May 2, 2020 at 3 PM IST via GoToMeeting application.
- ❖ Another online alumni interaction session titled “Career Guidance, Future Prospects and Experience Sharing” on May 23, 2020 at 3 PM IST via Google Meet application.
- ❖ Department students showcased their creativity with a short video clip, demonstrating innovative homemade tips to make masks, hand gloves and sanitizers.
- ❖ A virtual Farewell was organized for final year students on 25th June 2020 using Google meet platform.
- ❖ E-workshop on “Multisim Electronics Workbench” was organized from 13th to 15th July 2020 via Google Meet application for different departments of students.

Department of Instrumentation

On going projects during COVID-19 Pandemic

- ❖ An innovative approach to assess psychological impact of the COVID-19 pandemic on college/university students in India.
- ❖ Effect of environmental factors on the spread of novel corona virus in India
- ❖ A mathematical modelling of Covid-19 cases in India using MATLAB

Department of Instrumentation Activities



Department of Instrumentation Activities During Lockdown



Department of Instrumentation Students' Achievements

- ❖ Arushi Chaubey (First year) bagged First Position in an inter-college poster competition “Create for World” on the topic Biodiversity organised by Ramjas College, University of Delhi.
- ❖ Akanksha Aggarwal, Varsha Goel and Tara Singh (Third year) bagged first position in circuit breakers the technical quiz and finalists in Match the pace the robot race in technical fest “TECHNITOS” held on September 3rd, 2019 by Department of Electronics, Keshav Mahavidyalaya College, Delhi University.
- ❖ Akansha Aggarwal, Lakshmi Gayathri and Simran Parveen have secured the first, second and third rank in the University examination for the batch 2017-2020 respectively.
- ❖ Ritika and Raveena Rautela from the 2018-2021 batch have bagged the first and second position in the University examination for the third semester.
- ❖ Khushboo from Semester I has stood second in the University examination for the 2019-2022 batch.

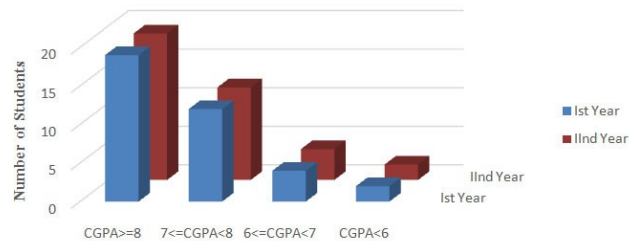
Department of Instrumentation

Students' Achievements

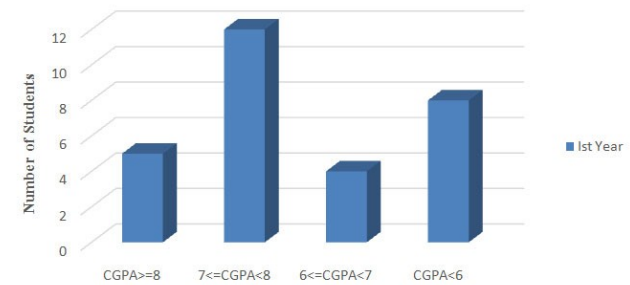
- ❖ Somya and Shalini from third year are working in the research project titled: An innovative approach to assess psychological impact of the COVID-19 pandemic on college/university students in India under the guidance of Dr Daya Bhardwaj, Dr Sarul Malik and Ms Aastha Jain.
- ❖ M. Pavitra and Lakshmi Gayatri from third year are engaged a research project on Effect of environmental factors on the spread of novel corona virus in India under the guidance of Dr Daya Bhardwaj and Dr Sarul Malik.
- ❖ Under the guidance of Dr. Daya Bhardwaj and Dr Sarul Malik, Arushi and Stuti from second year are working in a project titled: A mathematical modelling of Covid-19 cases in India using MATLAB.

Department of Instrumentation Results

Result for the Batch 2017-2020



Result for the Batch 2018-2021



Department of Management and Financial Studies



Department of Management and Financial Studies Infrastructure

- The department offers two undergraduate courses under the CBCS scheme— **Bachelor in Management Studies (BMS)** and **Bachelor of Business Administration (Financial Investment Analysis) [BBA (FIA)]**.
- It provides a **well-equipped library** where students devour books on topics such as Taxation, Auditing, Human Resource, Marketing, Operations, Finance, Economics, Accountancy, Business Research, Statistical methods, Law etc. by famous authors and can access some of the most sought after journals.

Department of Management and Financial Studies Infrastructure (Contd.)



Department of Management and Financial Studies

Faculties



Ms. Yuthika
Agarwal



Dr. Dimpy Handa



Ms. Tanusha Jain



C.A. Amit Kumar
Agarwal



Mr. Rajdeep Singh



Ms. Rableen Kaur
Rao



Ms. Sanjana Monga



Ms. Juhi Jham



Mr. Subhash Manda



CA Sonal Kumawat



Dr. Nidhi Nijhawan
Dhaka

THE TECHNICAL FEST IDAIRA 2019

SHAHEED RAJGURU COLLEGE OF APPLIED SCIENCES FOR WOMEN, UNIVERSITY OF DELHI
DEPARTMENT OF MANAGEMENT AND FINANCIAL STUDIES

4TH OCTOBER, 2019
09:30 A.M. ONWARDS

present's

IDAIRA '19

IN ASSOCIATION WITH

PLATINUM SPONSOR

GOLD SPONSOR

PERFECT MATCH

MIND-O-PEDIA

SAUDE-BAAZI

INDIA VISION, 2047
TALK BY
DR. AGARWALA
(TECHNICAL EVENT)

PRIZES WORTH
₹2,90,000/-

MARKFIN EXPRESS

MARKET TO MARK IT

HOGWARTS WAR

DE-CASE-IT

STANDUP COMEDY
BY
HARSH GUJRAL
(STAR EVENT)

DR. RAMGOPAL AGARWALA
(DISTINGUISHED FELLOW, NITI AAYOG)

RAJAT SOOD & ADNAN MUGHAL
(POETS-DAYS OF OUR LIVES)

HARSH GUJRAL
(COMEDIAN)

For more details, contact: SEEMAN YADAV (DMFS PRESIDENT): 72899 99756, VIDUSHI GERA (DMFS VICE PRESIDENT): 93340 66933

Department of Management and Financial Studies - Activities

- ❖ The Department organised a diverse range of activities like seminars on the topics career prospects, soft skills, Indian Economy, Mergers/Acquisitions, Budget 2020, etc., Diwali Pooja celebrations and Annual Departmental fest, "Idaira".
- ❖ Recreational Departmental Trip organised to Jodhpur-Jaiselmer.
- ❖ Webinars on topics like effect of Covid on financial services; revival of economy post Covid-19, career prospects in digital marketing, HRM and finance, employee value proposition, top soft skills, societal marketing, etc.
- ❖ Fun, interactive activities between faculty and students like virtual farewell and informal discussions.

Department of Management and Financial Studies- Activities

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Department of Management and Financial Studies

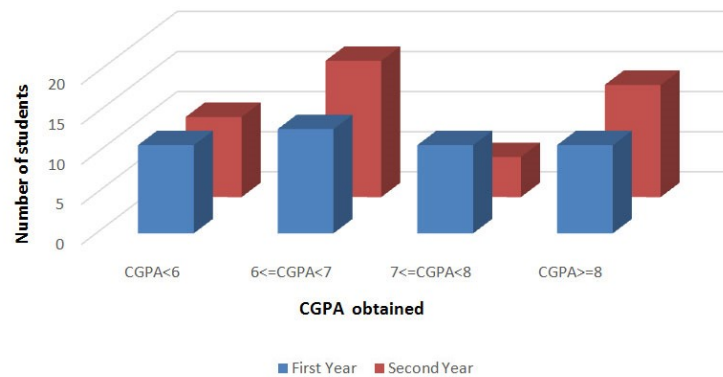
Students' Achievements

- ❖ Pooja Valecha from BMS fifth semester has secured first position in the University examination.
- ❖ Gunjan Goel from BBA(FIA) stood second for her performance in the University examination of first year.
- ❖ Bhoomika Mithra from BBA (FIA) second year has secured the 4th position in the University.

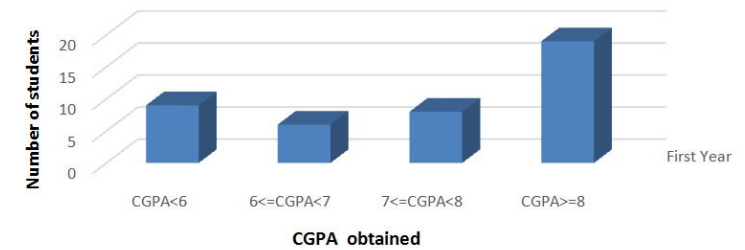
Department of Management and Financial Studies

Results -BFIA

Result for the batch 2017 - 2020



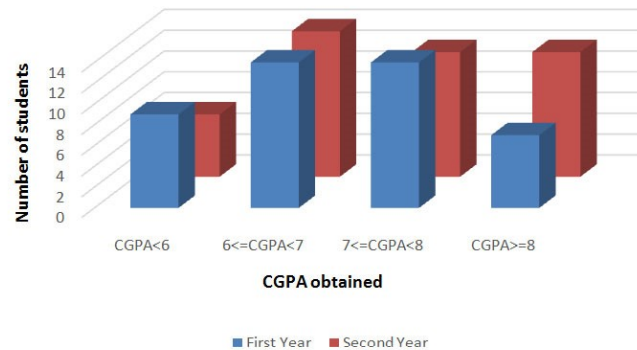
Result for the batch 2018 - 2021



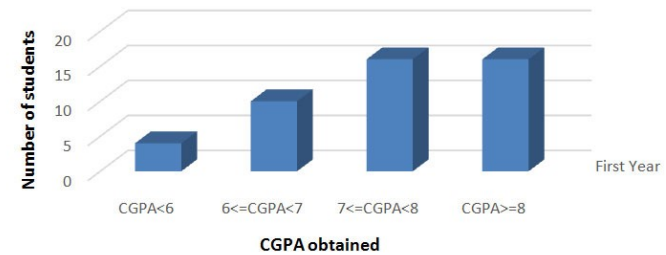
Department of Management and Financial Studies

Results -BMS

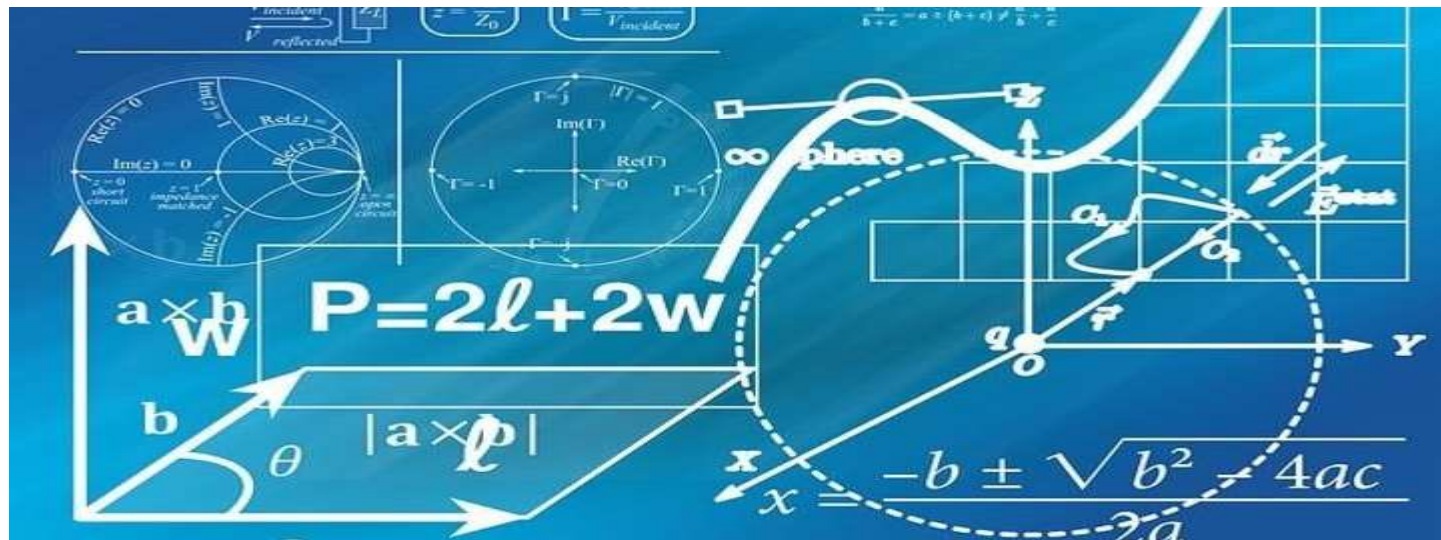
Result for the batch 2017 - 2020



Result for the batch 2018 - 2021



Department of Mathematics



Department of Mathematics Infrastructure

- Department of Mathematics at present has a well equipped lab with 30 high-speed P-IV computers with broadband internet facility. The systems are installed with mathematical and statistical software such as MATLAB and SPSS.
- **Internet facilities for Staff & Students:** The Department has about 30 systems with Internet facility. They are available for both staff and students to access web.

Department of Mathematics Infrastructure



Department of Mathematics faculties



Dr. Punita Saxena



Dr. Shalu Sharma



Dr. Ritika Chopra



Dr. Raksha Verma



Dr. Amita Sethi



Ms. Tanvi



Dr. Yashi



Dr. Sanjiv Kumar



Dr. Shivam Kumar
Singh



Ms. Arushi Goyal



Mr. Yogesh Meena



Ms. Shimla Meena

THE TECHNICAL FEST- TRAP 2019





Department of Mathematics Activities



- ❖ The department has organized a departmental fresher's party "Frematics" in the month of September 2019 to welcome the new members into our family.
- ❖ The department has also organized a talk by Prof. S.C. Arora (former head of the Department of Mathematics, University of Delhi) on the topic "**Applications of Mathematical Logic**" on September 17, 2019.
- ❖ A two day inter-college fest **TRAP** was organized in collaboration with the Departments of Chemistry, Physics and Statistics. The main departmental event '**Ed-Heads**' held during the technical fest was a 3-levelled game, including quiz, rapid fire and relay.
- ❖ The Department of Mathematics has also organized a two-day project oriented workshop on the software **MATLAB** in association with **CETPA InfoTech Pvt. Ltd.**



Department of Mathematics Activities



- ❖ A five day trip to Jaisalmer and Jodhpur was organized by the department, to give a refreshing, enlightening, adventurous and tremendous learning experience to the students.
- ❖ During national lockdown a webinar was organized on May 12, 2020 on “**Clock Arithmetic and Secure Communications**” by Dr. Manu Kaur, Professor, Benedictine University, Chicago.
- ❖ Students of the department organized an online farewell ceremony for the batch 2017-20. A series of competitions and games were held in the event. The event was full of fun and excitement for students of all the years.
- ❖ A ten day workshop on “**Mathematica**” was organized by the department. This workshop was to give hands on training to the students who are not majoring in mathematics. The objective was to train students how the theoretical concepts taught in the class can be used to solve practical problems in their respective fields.

Department of Mathematics Activities



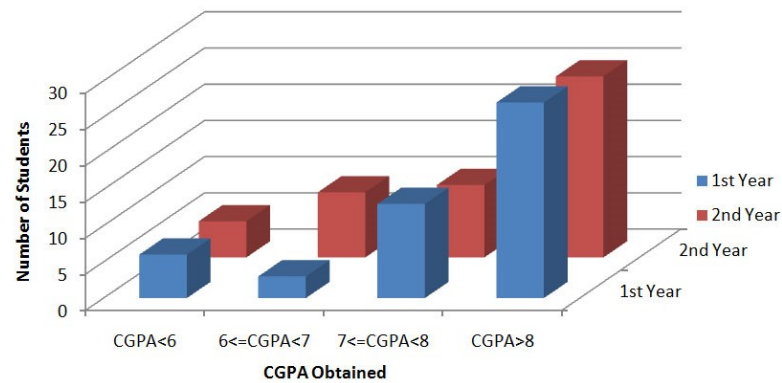
Department of Mathematics

Students' Achievements

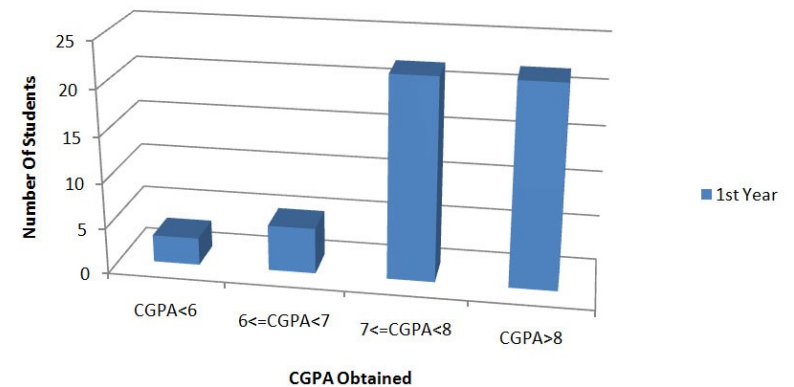
- ❖ Amisha (2017-2020 batch) did her internship with Ayata Intelligence and a second internship with Microsoft Azure on Machine Learning.
- ❖ Priyanshi (2018-2021 batch) is selected for Summer Internship Program to be held at Mathematical Institute, Chennai.
- ❖ Kratika (2018-2021 batch) completed internship with Graviens Educational Services as SME
- ❖ Urvashi Arora, Priya Singh, Neha Singh, Gauri and Saloni Yadav of II year completed an Academic Internship under Dr. Punita Saxena on the topic of : Studying the relationship between the causes academic pressure and how they affect a student's academics as well as parent-child relationship.
- ❖ Many students qualified the National Level Madhava Mathematical Competition conducted by TIFR, Mumbai

Department of Mathematics Result

Result For The Batch 2017-2020



Result For The Batch 2018-2021



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Department of **Microbiology**



Department of Microbiology Infrastructure

- There are three well equipped labs namely
 - Biology Lab 1
 - Biology Lab 2
 - Microbiology Lab
- Apart from the laboratories the department also has well maintained media preparation room, instrumentation room, inoculation room and a culture room.
- The Department has a computer system with Internet facility that can be utilized by the staff and students to access web.

Department of Biology And Microbiology Infrastructure



Department of Microbiology Faculties



Dr. Rekha Mehrotra



Dr. Richa Sharma



Dr. Kohinoor Kaur



Dr. Yamini Aggarwal



Dr. Ashwini Kumar
Ray



Dr. Nitin Chauhan

THE TECHNICAL FEST- PLEXUS 2019

Shaheed Rajguru College Of Applied Sciences for Women
(University of Delhi)
Departments of Biomedical Science, Biochemistry & Microbiology
present

PLEXUS

THEME: NEUROSCIENCE

SEMINAR BY:
Dr. Manjari Tripathi
Professor, Department of
Neurology, AIIMS, Delhi
Neuroscience: Basic Concepts
Dr. Aparna Dixit
Assistant Professor
Molecular Neurobiology
Dr. Ambedkar centre of Biomedical Research, University of Delhi
Molecular Mechanisms Underlying drug resistant epilepsy

Department of Biomedical Science
Trivia Truffles
President: Ishi Jain
7065906855

Department of Biochemistry
Rebuttal
President:
Shalini Mondal
8368056162

Department of Microbiology
Just-A-Minute
President:
Deesha
8800262450

Venue:
College Auditorium
Date:
4th October, 2019

Department of Microbiology Activities

- ❖ **Workshop on ‘Basic and Applied Sciences’** for students of Geeta Bal Bharti School from 17-26th June, 2019.
- ❖ The students visited and participated at the **Open day at THSTI, Faridabad** on 15th July, 2019.
- ❖ **"Celebrating Himalayas“ festival** in collaboration with CMS VATAVARAN, Environment and Wildlife International Film Festival and Forum on 2nd August, 2019 .
- ❖ Educational visit to the Bioinformatics centre **at National Institute of Plant and Genomic research**, New Delhi on 9th August, 2019.
- ❖ **A talk by Mr. L. V. M. Kishore** , Vice President, Times of India and State coordinator Sri Satya Sai Seva organization was organized on the topic ‘Life is a game play it’ , on 12th September, 2019.
- ❖ An **Intracollege Debate Competition** 'Debate it up' was organized on 19th September, 2019 on the topic ‘The house believes that private healthcare system is better than public healthcare system’.
- ❖ **A talk by Dr. Ravi Tandon**, Assistant Professor, School of Biotechnology, Jawaharlal Nehru University, New Delhi was organized on the topic ‘Natural history of HIV infection from pathogenesis to current treatment’ on 25th September, 2019.
- ❖ An **intracollege poster making competition** was organized on the topic ‘Microorganisms - Friends or Foe’ on 25th September, 2019.

Department of Microbiology

- ❖ The **Annual technical fest PLEXUS'19** was organized with Biochemistry and Biomedical sciences departments on 4th October, 2019 on the theme 'Neuroscience'.
- ❖ The **second edition of the departmental magazine 'Evanescence - A Vision Beyond Invisible'** was released on 4th October, 2019.
- ❖ Educational visit to the **fermentation facility at the Department of Microbiology, UDSC** on 1st October, 2019.
- ❖ A **talk by Dr Rajendra Gupta**, Associate Professor (Retd), Department of Botany, University of Delhi was organized on the topic 'Social and Ethical consequences of Biotechnology' on 23rd January, 2020.
- ❖ A **cancer awareness campaign** was organized involving distribution of information leaflets in the college on World Cancer Day , 4th February, 2020.
- ❖ A Talk on the topic 'Science and Religion' was delivered by **Dr. Rajendra Gupta**, Associate Professor (Retd), Department of Botany, University of Delhi on 10th February, 2020.
- ❖ **Educational visit to NIFTEM**, Sonipat on 13th February, 2020.
- ❖ A **corona virus awareness campaign** organized within the campus to aware students and faculty regarding the same from 10th to 14th February, 2020.
- ❖ **First National seminar and Research Fest'20** On 'Antimicrobial Therapy: Challenges And Future Trends' was organised, Students from various colleges participated in poster presentation and

Department of Microbiology Activities during Lockdown

- ❖ A webinar based **interactive question and answer session** was organized on the topic ‘**COVID-19: Lessons learnt and Road ahead**’ on 17th April 2020. The expert panellists for the session were **Dr. J. S. Virdi** (superannuated), Department of Microbiology, University of Delhi, South campus and **Dr. R. C. Kuhad**, Vice-chancellor, Central University of Haryana..
- ❖ A webinar was organized on the topic ‘**Healthy mindset for a better tomorrow**’ on 24th April 2020. The speakers for the session were **Dr. S. Lakshmi Devi**, Founder and ex-Principal, SRCASW and **Dr. Tara Devi S. Ashok**, Retired Senior Lecturer II, Biology and Anthropology Departments, University of Massachusetts, Boston, USA.
- ❖ A **webinar series** was organized between 8th to 14th May 2020 on three different themes. The speaker for **Theme 1: Security in the digital world**, **Mr. Dibyanshu Pandey**, Advocate, Supreme Court of India delivered a talk on the topic ‘Digital media and your privacy.’ The speakers for **Theme 2: Health care and wellness**, **Dr. Abhishek Aditya** (MBBS, M.D), ESI Hospital, Faridabad and **Dr. Ashwini K. Ray**, Assistant Professor, Department of Microbiology, SRCASW, and Global Health Fellow, NIH, USA delivered a talk on the topic ‘COVID-19: Evaluation, Treatment and Management’. The speaker for **Theme 3: Ancient Indian Naming Systems**, **Dr Rajendra Gupta**, Associate Professor (Retd), Department of Botany, University of Delhi delivered a talk on the topic ‘Walk with the Ancestors-naming plant and animals in prehistoric era’.

Department of Microbiology

Hold A Virtual Program DSC



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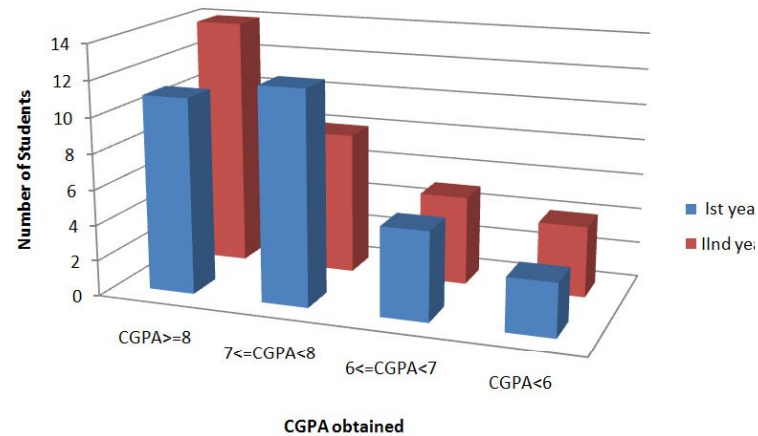
Department of Microbiology

Prospects for higher studies

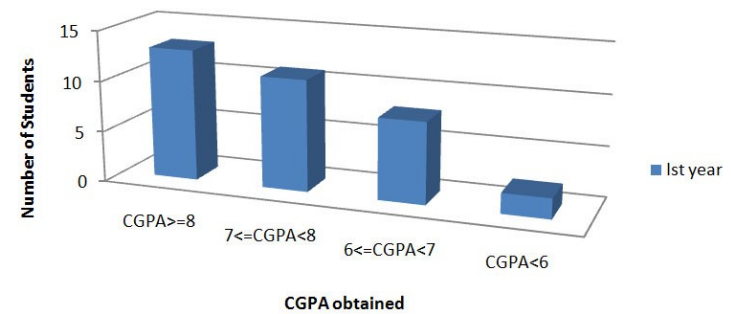
- ❖ After completing B.Sc. (H) Microbiology, the students can opt for a masters program in microbiology as well as various allied fields. Some commonly selected masters programs are as follows:
 - ❖ Microbiology
 - ❖ Biotechnology
 - ❖ Life sciences
 - ❖ Molecular medicine
 - ❖ Biochemistry
 - ❖ Food technology
 - ❖ Genetics
 - ❖ Plant molecular biology
 - ❖ Clinical research
 - ❖ Environment sciences
 - ❖ Management
- ❖ Interested students can further pursue a PhD program in the subject of their choice.

Department of Microbiology Result

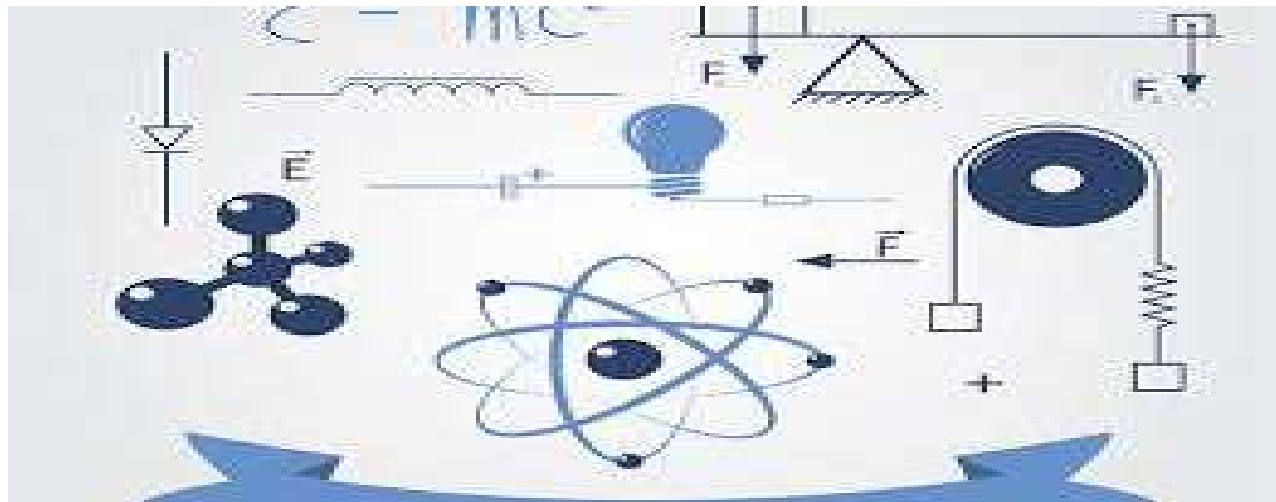
Result for the Batch 2017-2020



Result for the Batch 2018-2021



Department of Physics



Department of Physics Infrastructure

- The department has state-of-the-art research lab wherein the students build their foundation on the principles of physics. It is equipped with:
 - Mechanics Lab
 - Thermal Physics Lab
 - Optics laboratory
 - Digital and Analog Lab
 - Modern Physics Lab
 - Computer Lab (under construction)
- **Departmental Library:** The Department has a collection of academic books maintained within its lab.

Department of Physics Infrastructure (Contd.)

- **ICT Uses for the faculty & students** The Department has 4 systems with Internet facility. They are available for both staff and students to access web.

Department of Physics Faculties



Dr. Alka Vohra
Kuanr



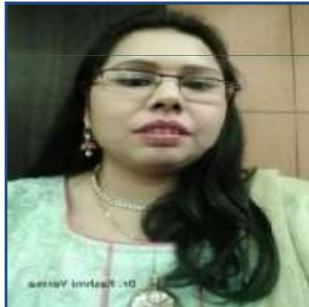
Dr. Manoj Kumar
Jaiswal



Mr. Ginminlen
Touthan



Dr. Ashok Kumar



Dr. Rashmi Verma



Dr. Vartika Gupta



Dr. Rajan Goyal



Dr. Pooja Sharma



Dr. Kishan Das



Mr. Amit Kumar



Mr. Ganesh Gurjar

THE TECHNICAL FEST- TRAP -2019



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

Departments of Chemistry, Mathematics, Physics and Statistics

Present



TRAP'19

**Valid ID Cards
Mandatory**

EVENTS

Sponsored by

ALPHA PLUS

preparing mathematicians

CAREER ENDEAVOUR
Best Institute for IIT-JAM, NET & GATE

GETPA
Because Knowledge Matters
ISO 9001:2015 Certified

Media Partners:



3RD OCTOBER (10:00 AM Onwards)

- ❖ Talk by Mr. Alok Bansal ,Career Counsellor on 'Career Options in India and Abroad'
- ❖ Talk by Mr. Harjas Singh, Life Skills Coach on 'Everything about relationships'
- ❖ Debate competition (12:30 PM Onwards)

4TH OCTOBER

- EdHeads
- Quizzigar 2.0
- Best Out of E-Waste
- Chem-Mania

TREASURE HUNT AT 3:00PM
and many more exciting fun events(10AM to 3PM)

**WIN CASH
PRIZES
WORTH
45,000**

For more details

✉ trap.srcasw@gmail.com

📷 [trap_srcasw](https://www.instagram.com/trap_srcasw)

Contact-

Karishma- 7500185189

Anjali- 8368138662

Ayushi- 8279311165

Sanya-8368231666

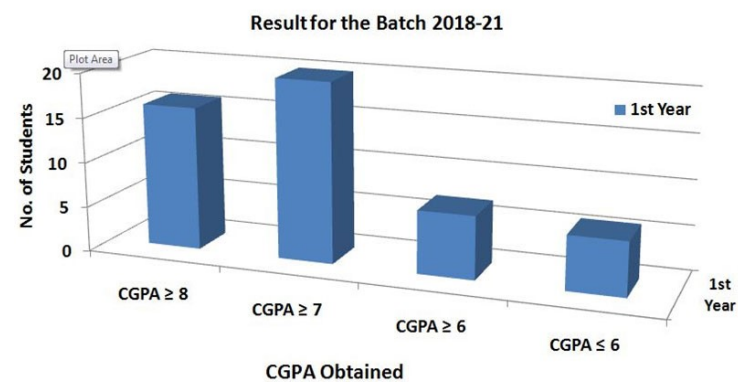
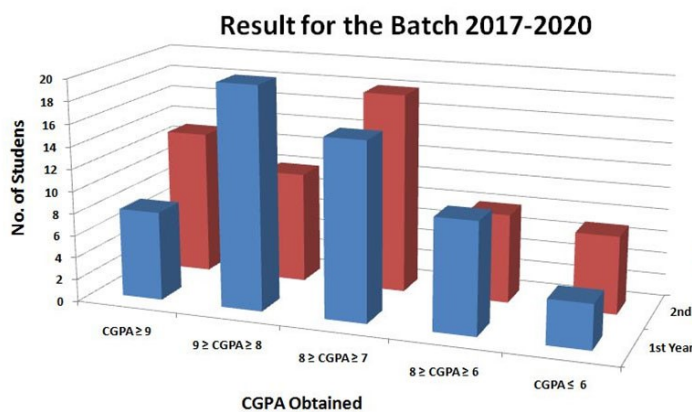
Department of Physics Activities

- ❖ **September 3, 2019:** A talk on “***E-nose to smell Tuberculosis***”, delivered by Dr. Ranjan Nanda, Group leader, Translational Health Group, International Centre for Genetic Engineering and Biotechnology (ICGEB), Delhi.
- ❖ **September 5: Teacher’s Day** celebration organized by the students with cake cutting, fun games, singing, dancing, poetry recitation etc.
- ❖ **TRAP-Technical Festival on October 3-4, 2019:** Organized by the Physics society, **TACHYONS** in collaboration with departments of Mathematics, Chemistry and Statistics.
- ❖ **October 4, 2019:** A talk on the topic, “**Physics and Mathematics of bacterial cell growth and division**” by Prof. Sanjay Jain, Head of the Dept. of Physics and Astrophysics, University of Delhi.
- ❖ **E-collection drive** within the college in collaboration with **Hindustan E-Waste Management Ltd. (NEO SURVIKAS)**
- ❖ **October 21 2019:** A talk on “**E-waste: Hazardous Effects and Recycling Process**” by Mr. Shekhar Sharma, CEO Hindustan E-waste Management and Mr. Ravi Bhushan.
- ❖ **January 7, 2020: National Seminar** on “**Laser Dynamics and Fiber Optics (NSLDFO’20)**” in collaboration with Department of Electronics.
- ❖ **January 22, 2020:** Educational visit to Nehru Planetarium, New Delhi for the students of B.Sc. (H) Physics II year.
- ❖ **January 28, 2020 :** One-day lab visit to Inter University Accelerator Centre (IUAC), New Delhi for the students of B.Sc. (H) I year.
- ❖ **February 24, 2020:** Departmental gathering over lunch to celebrate our journey thus far and to build a sense of belongingness in the Department.
- ❖ **February 28 – March 2, 2020:** Educational and fun trip to Jaisalmer and

Department of Physics Activities



Department of Physics Result



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C
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S
W

Department of Psychology



Department of Psychology Infrastructure

- The Department has two well equipped labs at present: **Analytical lab and Research lab.**
- There are 25 laptops in the lab with Wi-Fi internet connectivity for students to conduct experiments and to access web for academic purposes.

Department of Psychology Infrastructure (Contd.)



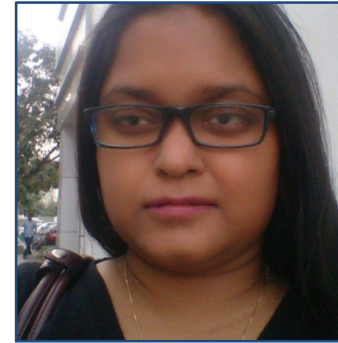
Department of Psychology



Dr. Komal Chandiramani



Dr. Nupur Gosain



Dr. Shalini Choudhary



Ms. Ankita Mishra



Ms. Pallavi Preeti



Ms. Rekha Negi

THE TECHNICAL FEST- TREZIRE 2019



PSYMENTIA
The Psychology Department of
Shaheed Rajguru College of Applied Sciences for Women
Vasundhra Enclave, Delhi 110096



Presents
TREZIRE'19

Extempore Debate - 12:30pm onwards, SR2

Kabaad se Jugaad - 2pm, LT22

Brush Off - 12 noon, LT23

Talk- An Ode to Misfits (by Ms. Divya Dureja) - 9:30am-12 noon, SR2

Abide and Die - 9:30am-5pm, Amphitheatre

One two ka four - 9:30am- 5pm, Foyer area

Amemeaffair - 3pm onwards, near SR2

Divya- 880218405
Kirti- 999910304

Department of Psychology Activities

- ❖ Organized a seminar on **“Relevance of Psychology in Victimology: Indian Context”** by **Prof. (Dr.) Marc Groenhuijsen, Tilburg University, Netherlands.**
- ❖ Conducted an interactive session on **“HRM Opportunities and Skill Set”** in collaboration with Department of Management and Financial Studies.
- ❖ Organised the Annual Psychology Fest **“Trezire’19”**
- ❖ Held a career counselling session on **“Educational opportunities in universities of UK”** by Ms Aakshi Vashishtha
- ❖ Organized a Lecture on **“ Depression ” Dr. Sanjay Siddhartha, Miramichi Hospital, Canada**

Department of Psychology Activities

- ❖ A Workshop on “**Publishing a Research Paper**” conducted by **Dr. Tushar Singh, BHU.**
- ❖ An “**Educational Visit**” to Sheroes Home, a rehabilitation centre for the acid attack survivors by Chhanv Foundation, Noida.
- ❖ Under the “**Social outreach programme**”, a group of students visited Sheroes Hangout in Agra, a café run by acid attack survivors.
- ❖ A “**Departmental trip**” to Rajasthan in collaboration with the Department of Management and Financial Studies.
- ❖ Conducted the **Farewell** for the first batch of the Department online
- ❖ Organised a webinar on “Maintaining Mental and Physical Health: A Positive Approach” by **Prof. (Dr.) N.K. Chadha, Manav Rachna University.**

Department of Psychology Activities (2019-2020)



Department of Psychology

Students' Achievements

- ❖ Aayushi Agarwal and Jameema John from third year have secured the second and fifth rank respectively for their performance in University Examination for the year 2018-2019.
- ❖ Zainab Batool of 3rd year has secured 3rd position in the V semester University examination.
- ❖ Aayushi Agarwal, Anshica Aron, Ashita Anil, Himani Pundir and Jameema John (2017-2020) are tied for the 4th rank in the University for the Semester V Exams.
- ❖ Namita and Tina Nautiyal (2017-2020) have secured the 5th rank in the University for their performance in Semester V.
- ❖ 25 students from 2017-2020 batch got ranks between 6th to 10th in the University Examination of Semester V.
- ❖ Nidhi Mathur and Ashita Anil from third year completed an online Post Graduate Certificate Course on Understanding Criminal Behaviour conducted by Jindal Institute of Behavioural Sciences (JIBS), **O.P. Jindal Global University** in July, 2020.

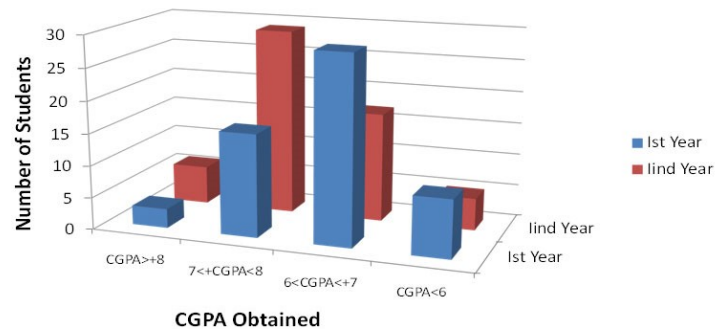
Department of Psychology

Students' Achievements

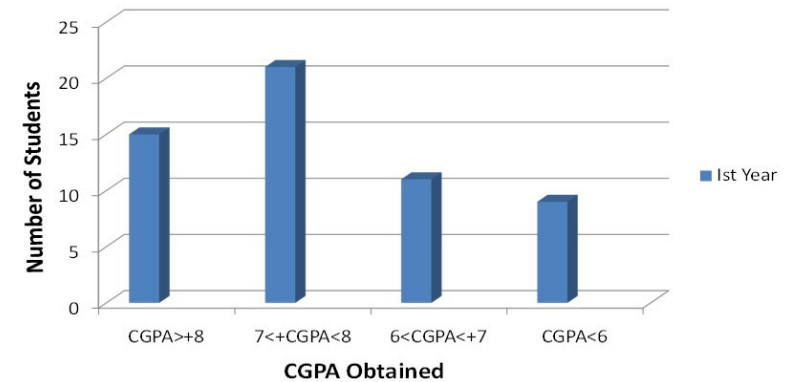
- ❖ Namrah Wani (2018-2021) has secured the 1st rank in the University and Kirti Mundhra (2018-2021) got the 3rd position in the University Examination of Semester III.
- ❖ Anushka Goyal, Ishika Negi and Sonali Singh (2018-2021) have got the 5th rank in the University Examination for their performance in the III Semester.
- ❖ Seven students of second year have secured ranks between 6th to 10th position in the University Examination in the III Semester.
- ❖ Akanksha Verma of 3rd Year presented a research paper on “ relationship between student life stress and well-being” at International Conference of Indian Academy of Health Psychology in 2019.
- ❖ Ananya Tripathi, a 3rd year student, presented the project MapMyTemple at YMCA University, Faridabad in May 2019.
- ❖ Khushi Sharma of first year presented a research paper on 'Parent-Child relationship during Lockdown' at the Bharatiya Vidya Bhavan, New Delhi.

Department of Psychology Results

Result for the Batch 2017-2020

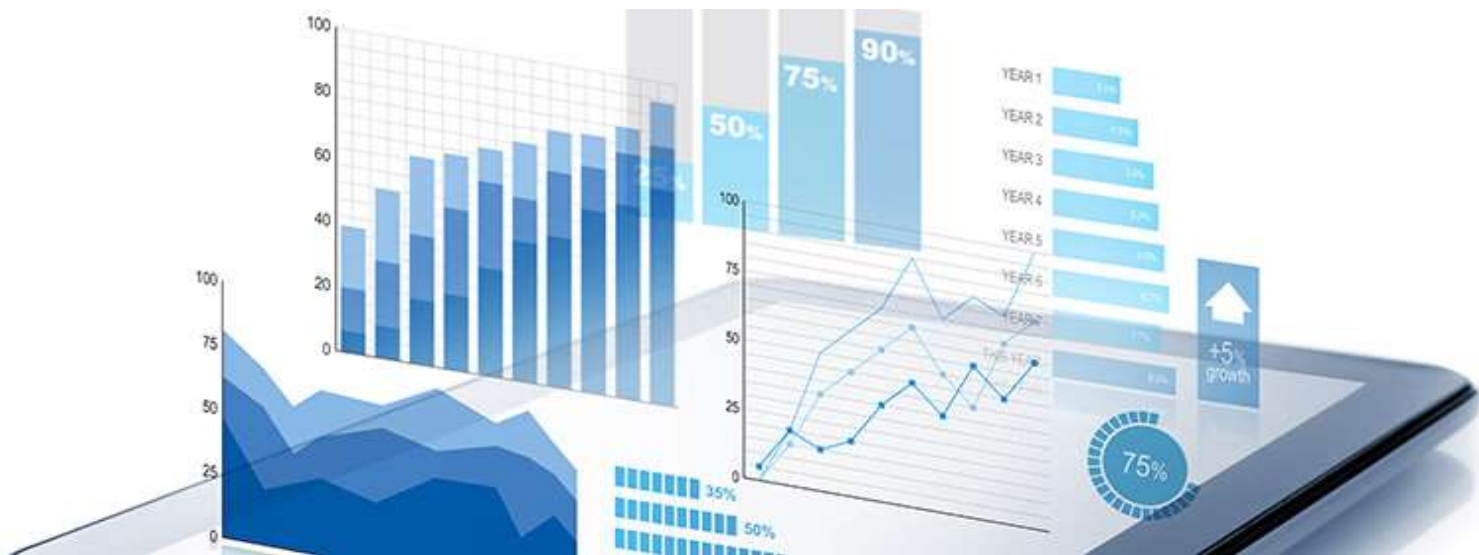


Result for the Batch 2018-2021



S R C A S W

Department of Statistics



Department of Statistics Faculties



Mr. Ashish Kumar
Garg



Dr. Deepa



Mr. Santosh
Yadav



Dr. Dharendra
Singh



Dr. Satish Kumar



Dr. Sandeep Mishra

THE TECHNICAL FEST- FEST NAME 2019



Department of Statistics Activities

- ❖ The department of Statistics organized a seminar on the topic entitled as '**Python and its Applications**' by CEPTA Info Pvt. Ltd. on 28th August, 2019.
- ❖ The department organized a one month workshop on the topic entitled as '**Python and its Applications**' in collaboration with CEPTA Pvt. Ltd. from 12th September to 5th October, 2019.
- ❖ The department organized talks on the topics entitled as '**Population Census of India: Demographic Analysis of Data**' by Dr. Dipak Roy Choudhary, Former Deputy Registrar General (Census), Govt. Of India and another entitled as '**Retail Banking and Digital Payments System**' by Dr. Ashish Das, Department of Mathematics, IIT- Bombay on 27th September, 2019.
- ❖ The department organized another talk held on 30th September regarding to '**The Joint Admission Test for MSc (JAM)**' by Alpha plus, a coaching institute.
- ❖ The department organized its technical fest "**TRAP'19**" on 3rd and 4th October, 2019 which provided a platform to students to enhance their managerial skills. This fest included many events like several

Department of Statistics Activities Continue....

talks by career counsellor and life skills coach, respectively and occupied by multiple fun games activities. DEBATE competition was also held in which peoples from different colleges participated.

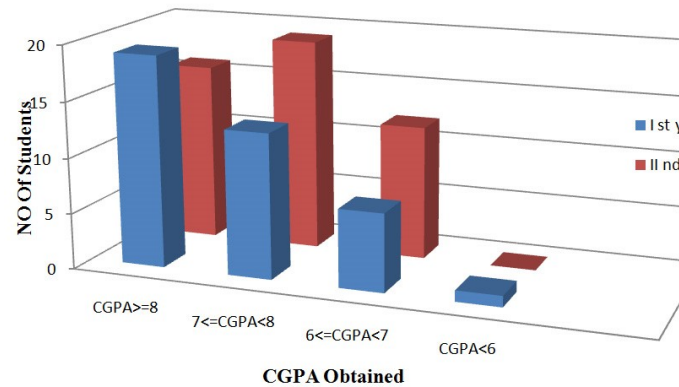
- ❖ The department organized a seminar on “**Data Science with Python**” on 21st October, 2019.
- ❖ The department also showed its enthusiasm by participating in various games during **SPARDHAA**, the annual sports fest of the college held on 16th and 17th January, 2020. The students showcased their skills in the inter-departmental March Past Competition and grabbed **Second position** in the competition.
- ❖ A trip (Five days and three nights) to **Jodhpur & Jaiselmer** was organized by the Department of Statistics from 23rd February to 27th February, 2020.
- ❖ The department organized a webinar on “**Artificial Intelligence**” on 20th May, 2020.

Department of Statistics Activities (Glimpse)

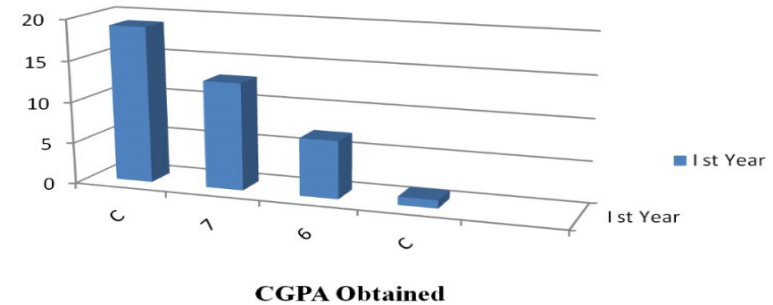


Department of Statistics Results

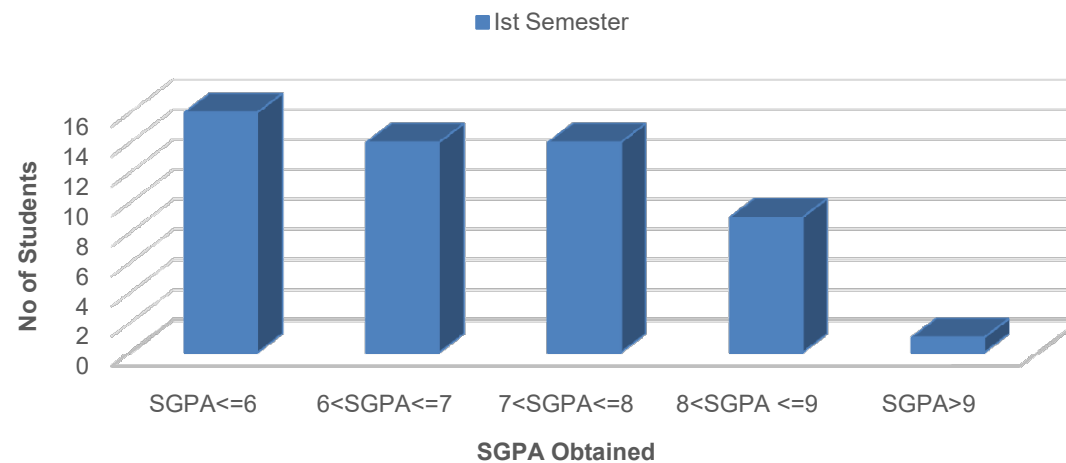
Result For the Batch 2017-2020



Result for the Batch 2018-2021



RESULT FOR THE BATCH 2019-2022



Department of Physical Education



Department of Physical Education Infrastructure

- The Department provides facilities for
 - Athletics ground
 - Badminton Court
 - Kho-Kho Ground
 - Volleyball Court
 - Table Tennis-Two Tables
 - Aerobics Facility
 - Yoga
 - Well-equipped Gym (Treadmill, Cross Trainer, Spine Bikes, Vibro Machine Flat /Incline/Decline bench, Weights etc.) in its campus.
- The Department imparts coaching for each game by expert coaches every day.

Department of Physical Education Faculty



Dr. Bimla Panwar

Department of Physical Education Activities

