

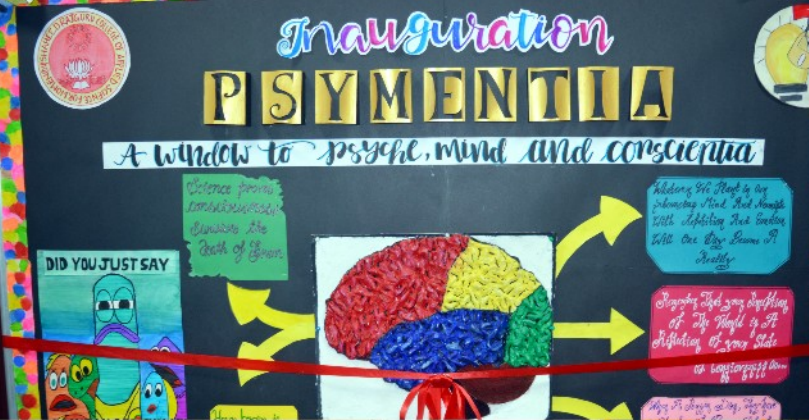


# Annual Report 2017-18

Driving *Change*, Fostering *Creativity*



Shaheed Rajguru College of Applied Sciences for Women  
Accredited by NAAC with 'A' Grade  
(University of Delhi)





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## ANNUAL REPORT 2017-18

I take great pleasure in presenting the Annual Report of Shaheed Rajguru College of Applied Sciences for Women documenting its developments and achievements. The year 2017-18 was marked with many events and success stories. This can be attributed to the dedication and team spirit of the members of the management, staff and students.

Today we celebrate the 27th Annual day of the college which means more than 25 years of togetherness, dedication, commitment, cooperation and evolution.

We are extremely honored to have **Sh. Sanjay Singh**, Hon'ble Member of Parliament, Rajya Sabha, as our Chief Guest to grace this occasion.

Sh. Sanjay Singh is a Member of the Political Affairs Committee and National Executive of the Aam Aadmi Party. A social activist turned politician, he was in-charge of party affairs in the state of Punjab during the elections and a core member of the Delhi Election Campaign Group (DECG) which was formed during the Delhi assembly elections.

Sh. Sanjay Singh was born in Sultanpur District, Uttar Pradesh. Born to parents who were teachers, Sh. Singh has a diploma in Mining Engineering from Orissa School of Mining Engineering in Keonjhar. After completing his studies, he was not keen on a working a regular '9 to 5' job. In 1994, he thus started an organisation called 'Sultanpur Samaj Sewa Sangathan'. He started working among the poor — organising blood donation camps, health camps and campaigning for people's rights. He worked for 16 years for hawkers' rights, where he met socialist leader Raghu Thakur of his Democratic Socialist Party. The other organisation he worked with was the 'Azad Sewa Samiti', which later became a part of the National Hawkers' Association.

We also have with us **Sh. Naresh Verma**, Air Marshal (Retd.) and **Ms. Atishi Marlana**, Adviser to Dy. Chief Minister of Delhi as Guests of Honour on this special occasion.

Air Marshal Naresh Verma, AVSM, VSM (Retd.) is the Director of India International Centre, New Delhi, since 1st July, 2015.

During his forty-years service in the Administration Branch of the Indian Air Force, he held several assignments in which he was responsible for Infrastructure Development, Project Management, Education, Legal Matters, Financial Management, Human Resource

Management and Development, Welfare, sports and Adventure and even Catering. Some of his other notable appointments are Chief Administration Officer at four premier Air Force Stations, Principal Director of Works at Air Headquarters, head of Administration (SOA) of two Air Force Commands. He was promoted to the rank of Air Marshal and appointed first Director-General of Administrative Branch and later appointed the Air Officer Incharge of Administration of the Indian Air Force.

He is an alumnus of the reputed National Defence College, New Delhi. He was appointed as Hon'ble Member of the Armed Forces Tribunal, Regional Bench, Chandigarh, on 4 December 2013, a post which he relinquished on 30 June 2015 on his appointment as Director, India International Centre.

He was also the elected President of Delhi Gymkhana Club for two years from 1 October, 2011 to 30 September, 2013. He is currently holding the following Honorary appointments :

- (i) Member, Governing council, Indian Council of World Affairs.
- (ii) Member, Board of Governors, Ramlal Anand College, South Campus, Delhi University.
- (iii) Member, Advisory Council, Shemford Doon School, Dehradun.
- (iv) Member, National Advisory Board, SPIC-MACAY (Society for Promotion of India Classical Music and Cultural amongst Youth).
- (v) Honorary Chief Patron of NNDICI (National Network of Depression Centres (India)).
- (vi) Member, General Body, Council for Social Development (CSD).

Ms. Atishi Marlena is a member of the Political Affairs Committee of the Aam Aadmi Party. After having joined the party at the time of its inception, Atishi was a key member of the Manifesto Drafting Committee of the party for the 2013 Assembly election. She was also a Spokesperson of the party.

She is presently Advisor to Deputy Chief Minister of Delhi Manish Sisodia, primarily on Education. She has been spearheading the Delhi Government's interventions in the field of education and works on a policy level on improving the effectiveness of various stakeholders involved in Government schools. Her passionate effort to democratise the functioning of government schools and increase accountability led to the revival of School Management Committees in Delhi.

I would also like to introduce members of our newly constituted Governing Body.

Ms. Richa Pandey Mishra, *Professional MBA from IIM* ..... Chairperson  
Dr. Payal Mago, *Principal, SRCASW* ..... Member Secretary  
Sh. F.I. Ismailee, *Professional MBA from XLRI Jamshedpur* ..... Treasurer  
Prof. P. C. Jha, *Department of Operational Research, DU* ..... University Representative  
Prof. D K. Singh, *Department of Zoology, DU* ..... University Representative  
Sh. Naresh Verma, *AVSM, VSM, Air Marshal (Retd.)* ..... Member  
Ms. Meenakshi Arora, *Advocate, Supreme Court of India* ..... Member

Dr. Purnima Gupta, <i>Advisor, ILL</i> .....	Member
Prof. B. S. Garg, <i>Former OSD Exam, DU</i> .....	Member
Mohammed Tariq Farooqui, <i>Advocate, Delhi High Court</i> .....	Member
Sh. Mithilesh, <i>Social Worker</i> .....	Member
Sh. Anurag Mishra, <i>Social Worker</i> .....	Member
Dr. Punita Saxena, <i>Teacher Representative</i> .....	Member
Ms. Deepali Bajaj, <i>Teacher Representative</i> .....	Member
Mr. Manoj Pathak, <i>Non-teaching Representative</i> .....	Member

Like every year, we witnessed a marathon of academic and cultural events. I would like to apprise our guests of the progress and the activities of the college.

### The National Institutional Ranking Framework (NIRF)

The National Institutional Ranking Framework (NIRF) was approved by the MHRD on 29th September 2015. This framework outlines a methodology to rank institutions across the country. The methodology draws from the overall recommendations broad understanding arrived at by a Core Committee set up by MHRD, to identify the broad parameters for ranking various universities and institutions. The parameters broadly cover “Teaching, Learning and Resources,” “Research and Professional Practices,” “Graduation Outcomes,” “Outreach and Inclusivity,” and “Perception”. **Institutions were given a discipline specific rank besides an overall ranking.**

India Rankings-2018 based on this framework were released on 3 April, 2018. Amongst the 1087 institutes, our college was ranked as **53rd** in the **Colleges category**. It holds the overall score of 49.85 with a high score of 67.43 in the parameter Outreach and Inclusivity.

### New Courses

The year 2017-18 witnessed the beginning of six new courses in the college. The college introduced Bachelor of Management Studies, Bachelor of Business Administration FIA, B.A.(H) Psychology, B.Sc.(H) Biochemistry, B.Sc.(H) Microbiology and B.Sc.(H) Statistics.

### Teacher Exchange Program

The Silesian University, Faculty of Sciences and Philosophy, Opava, Czech Republic and Shaheed Rajguru College of Applied Sciences for Women has agreed upon international faculty exchange program for the period of three years. The exchange program is the part of Erasmus project No-2017-1-CZ01-K107-034877 (Key Activity 1). The exchange program will start from this year onwards.

### Technology Business Incubator

Shaheed Rajguru College of Applied Science for Women has got the approval to have Technology Business Incubator (TBI) supported by the Micro, Small and Medium Enterprises

(MSME)-DI, New Delhi (Feb, 2018 ). The mission of incubator is to stimulate the establishment & growth of technology based startups. The proposed TBI includes space, shared use of lab equipments, direct business assistance, mentoring, networking to capital & other technical resources. By fulfilling this mission, the TBI would contribute to job creation & generate revenue to run the incubator without support.

### **Faculty Development Program (21-27 July, 2017)**

The first UGC, DBT and CSEC sponsored National Faculty Development program on “Recent Trends in Applied Science Teaching (FDP-RTAST)”, was conducted by Shaheed Rajguru College of Applied Sciences for women from 21-27 July, 2017. The 7-day Faculty Development Program was inaugurated by Padmabhushan Prof. M.D Athreya as a chief guest, who focused on improving the quality of teaching and empowering the students with subject skills for future. The guest of honors Dr. Deepika Bhaskar, Deputy Dean Research and Coordinator CSEC DU, Dr. S. Lakshmi Devi University of Delhi and Dr. G. S. Sodhi also enlightened the program by their topics of current interest such as values in education, grant writing and forensic science.

The program was divided in two sections i.e. biological & chemical sciences and physical sciences. Various sessions were held in both sections including the hands on practice. Biological and chemical sciences included the sessions; engineering techniques in molecular biology, chromatography separation techniques and plant tissue culture and bioinformatics, held by various speakers and hands on practioners (both inhouse and guests) like Dr. Samim, Dr. Varsha Mehra, Dr. Rekha Mehrotra, Dr. Jasjeet Kaur, Dr. Radhika Bakhshi, Dr. Sadhna Jain, Dr. Indu Arora. Physical sciences also included various sessions; laser and its applications, advance electronics, LaTeX and Mathematics which were held by various speakers and hands on practioners (both inhouse and guests) like Dr. Ajoy Ghatak, Prof. Mridula Gupta, Dr. Punita Saxena, Dr. Venika Gupta, etc. Motivational session was also been held in which Dr. S.K. Palhan was speaker. A small session on Intellectual Property Rights (IPR) was also held for both sections in which Ms. Sangeeta Nagar, Ms. Jaya Bhatnagar and Mr. Yashwant dev Panwar were speakers. On 7th day valedictory and certificate distribution was done in the presence of our chief guest Dr. Suman Govil, Advisor, DBT and guest of honor Dr. Pratishta Pandey, Scientist E, DST.

### **National Para-Teaching Staff Skill Enhancement Workshop (PTSSEW 2017)**

The College organised a one week Para teaching staff skill enhancement Workshop (PTSSEW) from Dec 15-21 December, 2017; jointly sponsor by IEEE Delhi chapter, UGC and DBT Star College Scheme. It was attended by 43 participants from various parts of India. The work shop was inaugurated by Chief Guest Dr. Garima Gupta, Scientist E, DBT followed by Inaugural lecture on work ethics by Dr. S. Lakshmi Devi, Founder Principal, Shaheed Rajguru College. Various technical hands on sessions viz. Introduction to measuring instruments, study of PCB of power supply, function of various features of function generator and CRO, their trouble shooting, Chemical Inventory Management, ‘Safety in lab’ and Repair and maintenance of analytical instruments’ were organised by eminent academicians and industry persons. Session on personal grooming was also organised for the participants. Delhi visit was organised for



participants from outside Delhi. The Valedictory session was successfully conducted on 21st December, wherein the Chief Guest Dr. Suman Govil, Advisor, DBT, emphasised on the important contribution of the Para teaching staff in the upliftment of the organisation.

### **Three-Day National Workshop on Next Generation Sequencing Data Analysis**

The Department of Biomedical Science, Shaheed Rajguru College of Applied Sciences for Women, University of Delhi, organised 3-day Workshop on “Next Generation Sequencing Data Analysis” from 5-7 July, 2017 in collaboration with Bio-Discovery Group. The workshop was sponsored by DBT Star College Scheme. This workshop was second among series of similar workshops planned in future. Dr. Indu Arora, Co-ordinator, inaugurated the workshop and gave a brief idea about the Next Generation sequencing. The workshop witnessed delegates from all over India, including academicians, researchers, doctors and industry professionals.

### **Two-Day National Workshop on Drug Discovery Technology**

Two days workshop on Drug Discovery Technology: Computational approaches in drug discovery & design was organised by Department of Biomedical science in association with Bio discovery group (18-19 January, 2018). Around 80 participants including college students, faculty, research scholars from different places like JNU, AMITY, MIET, DU, Jamia Hamdard etc attended the workshop. The workshop was very effective as it was interactive and practical approach.

### **Initiatives of IQAC**

The Internal Quality Assurance Cell has achieved the following targets in the year 2017-18 :

- The date-activity calendar to maintain systematically the large number of activities organised by the various college departments, societies, NSS, and other internal groups.
- A Google form was designed and a data bank for the alumni was created.
- The college website was redesigned and is being regularly updated.
- To identify sectors for improvement and enhancement of facilities, the IQAC has undertaken the task of survey from students, employees, alumni and parents as well.
- The IQAC, along with the inkling society, has encouraged the release of E-newsletter once in six months.
- A College Directory of the employees has been designed.
- An Internal security audit was carried out.
- A Performa for an Internal Academic Audit has been designed.
- The IQAC is making concrete effort towards environment friendly activities like moving towards digitalisation.
- The process of building a central data bank is being continued.

- The IQAC organised the seminars/training program along with various departments. Some of them are listed below :
  - § 28 September, 2017 — Cyber Security
  - § 8 January, 2018 — GST and IFRS(International financial reporting standards)
  - § 11 January, 2018 — An Interactive Session on Stress Management
  - § 24 January, 2018 — Training program on PFMS EAT module
  - § 13 February, 2018 — Decoding the Union Budget
  - § 26 February, 2018 — Relevance of Ethics in Modern Life

### **Cisco Networking Academy**

Shaheed Rajguru College of Applied Sciences for women in association with CISCO systems is running CISCO Networking Academy since 2002. The Academy offers CCNA (Cisco Certified Network Associate) certification and various other exploratory courses.

This year our academy won the “Best Performing Academy Exploratory Courses-2017” award for excellence in conducting IoT exploratory course.

### **DBT Star Scheme activities (April, 2017 to March, 2018)**

Various interdisciplinary in house projects were initiated and completed by the students of participating departments under the DBT star scheme. Some of them are :

<u>S.No.</u>	<u>Title of the Project</u>	<u>Name of Supervisor</u>
1	Ultrasonic sensor based stick for blind	Dr. Sneha Kabra, Dr. Yogesh Pratap
2	Flaxseed bhujiya	Ms. Chaynika Verma
3	Polycarbonate ZnO nanocomposite film for smart food packaging	Dr. Deepa Joshi, Dr. Surinder Pal Singh
4	Development of intelligent package using oxygen sensitive dye	Ms. Saumya Chaturvedi
5	New Product Development of Papaya Tamarind Jam	Ms. Chaynika Verma
6	Osmotic dehydration of papaya: optimisation and standardisation	Ms. Saumya Chaturvedi
7	Antidiabetic and antimicrobial properties of fenugreek seeds	Dr. Deepa Joshi
8	Irradiation of strawberries and subsequent shelf life analysis	Dr. Deepa Joshi
9	Development of edible coating for minimally processed potatoes	Ms. Chaynika Verma
10	New Product Development — “Sapota Spread”	Dr. Ranjana Singh

11	Development of biodegradable gluten based films for food packaging	Ms. Saumya Chaturvedi
12	New Product Development: banana choco spread	Dr. Ranjana Singh
13	New Product Development: tamarind panna conc.	Dr. Ranjana Singh
14	Impact assessment of Indian participation in international standard setting process	Dr. Deepa Joshi, Ms. Seema Shukla
15	Bioactive component quantification and estimation of total antioxidant activity from <i>Punica granatum</i> L peels extract for industrial waste utilisation	Ms. Chaynika Verma
16	New Product Development — Dates Ice Cream	Dr. Ranjana Singh
17	Osmotic dehydration of Apples with various additives	Ms. Saumya Chaturvedi
18	Exploitation of unmarketable potatoes for the preparation of instant custard powder	Ms. Saumya Chaturvedi
19	Street food in India a survey analysing hygiene level	Ms .Saumya Chaturvedi
20	Cell Phone detector	Ms. Reshma Sinha
21	Wireless heartbeat and temperature monitoring system	Ms. Reshma Sinha
22	Designing and simulating power supply	Ms. Neha Garg
23	To make a metal detector using transistors	Ms. Himani Dua
24	To make a laser security system using transistors	Ms. Himani Dua
25	Bluetooth Controlled Home Automation system using Aurdino	Dr. Yogesh Pratap
26	Analysis of physical, chemical, microbial and electrical properties of milk procured from different sources	Dr. Daya Bhardwaj, Dr. Manisha Khatri, Ms. Chaynika Verma, Ms. Saumya Chaturvedi
27	Physico-chemical and microbiological analysis of various brands of Milk and health drinks	Dr. Daya Bhardwaj, Dr. Manisha Khatri, Ms. Chaynika Verma, Ms. Saumya Chaturvedi

### Faculty/Student Improvement Activities

- One-day training program was organised on 14 July, 2017 on Silvaco TCAD. Mr. Subhajit Chatterjee from Cognitive Design Technology Pvt. Ltd., Bangalore delivered the training session to the faculty members and research scholars.
- The first UGC, DBT and CSEC sponsored National Faculty Development program on “Recent Trends in Applied Science Teaching (FDP-RTAST)”, was conducted from

21-27 July, 2017. The Program was inaugurated by Padmabhushan Prof. M.D Athreya as a chief guest.

- Training cum workshop in collaboration with FSSAI on the topic of “Food Safety Standards in a Bakery Industry” was organised on 31 July, 2017.
- One-day talk cum interaction session with Alumni under activity “Vyakhyan” was organised on 23 August, 2017. In this session our eminent alumni Ms. Surabhi Jain, Research Analyst and Ms. Surbhi Gupta, Research Analyst in Jubilant Organosys Pvt. Ltd, Noida and Ms. Aparna Sharma CEO, Innovators and Entrepreneurs’ Academy, Dubai, United Arab Emirates were invited to share their experiences and career journey with the students. Around 100 students and faculty members of department of Instrumentation and Chemistry attended the session.
- The Department of Biomedical Science, organised three days workshop on “Next Generation Sequencing Data Analysis” from 5-7 July, 2017 in collaboration with Bio-Discovery Group.
- The Department of Biomedical Science in collaboration with Department of Biochemistry and Microbiology conducted the most awaited departmental fest of the college “Plexus” on 27 October, 2017. The theme of the event was “Forensic Science – Face to a Case”.
- Department of Psychology organised a session on ‘Enhancing Interpersonal Relationships on 29 August, 2017.
- Interaction with Alumunus : Ms Palak Parasher Alumini of Department of Biomedical Science batch 2012-15 was invited to interact with students of the department. She is presently pursuing Ph.D. from JNU. She motivated students to take up research as a career option.
- The Department celebrated “World Food Day” on 13 October, 2017 with great enthusiasm.
- Department of Instrumentation in collaboration with IEEE-EDS, Delhi Chapter organised a talk on “Evolution of Electronics and VLSI Design” on 26 October, 2017.
- One-week Para-Teaching Staff Skill Enhancement Workshop (PTSSEW) was organised from 15-21 December, 2017 jointly sponsored by IEEE Delhi Chapter, UGC and DBT Star College Scheme.
- Two-day workshop on “Drug Discovery Technologies” was conducted by Department of Biomedical Science from 18-19 January, 2018.
- The Department of Food Technology organised a lecture on ‘Food Safety : Global Trends and Role of FSSAI’ and Grain Storage and Management on 26 February, 2018.
- A group of 10 students had undergone 2 months’ summer training from May, 2017 to

June, 2017 on a project entitled “Antioxidant, antimicrobial and anti-inflammatory activity of Adhatoda Vaxica leaves extract”.

### Outreach Activities Conducted

- A student exchange program between Shaheed Rajguru College and University of Sikkim was organised from 8-17 April, 2017.
- The department of food technology has organised an outreach activity on “Basic food handling and storage” for housekeeping and canteen staff on 26 May, 2017. The main objective of this interaction session was to make them aware about the importance of basic food handling, hygiene, storage and impact on health.
- A workshop entitled “Wonders of Science” was organised for students of government Schools of East Delhi on 17-18 May, 2017. Hands -on exposure were given on practical aspects of basic physical, chemical and biological Sciences.
- A group of four students of M.Sc. (F) Forensic Science, Department of Anthropology, University of Delhi completed training of 5 weeks at Department of Instrument from 17 January, 2018 to 20 February, 2018. They were trained on Analytical Instruments used in Forensic analysis, under the guidance of Dr. Daya Bharadwaj & Dr. Jasjeet Kaur.
- Two students from Amity University have done 2 months’ dissertation on the project entitled “Role of genes and enzymes in lung and breast cancer”.

### Guest Lectures

Various lectures and interactive talks were organised during the session 2017-2018. Some of them are listed as follows :

<u>Name</u>	<u>Designation/ Organisation</u>	<u>Duration of Visit</u>	<u>Topic of Lecture/ Discussion</u>
Mr. Subhajit Chatterjee	Cognitive Design Technology Pvt. Ltd., Bangalore	14 July, 2017	Silvaco TCAD
Dr. Ashni Gupta	FoSTac Trainer	31 July, 2017	FoSTac Trainer
Ms. Surabhi Jain	Research Analyst, Jubilant Organosys Pvt. Ltd, Noida	23 August, 2017	Alumni Interaction Session “Vyakhyan”
Ms. Surbhi Gupta	Research Analyst, Jubilant Organosys Pvt. Ltd, Noida	23 August, 2017	Alumni Interaction Session “Vyakhyan”

Ms. Aparna Sharma	CEO, Innovators and Entrepreneurs' Academy, Dubai, UAE	23 August, 2017	Alumni Interaction Session "Vyakhyan"
Dr. Anil Aggarwal	Prof., Maulana Azad Medical College	27 October, 2017	Forensic Science : Face to a Case
Dr. G. S. Sodhi	Associate Prof., SGTB Khalsa College, DU	27 October, 2017	Forensic Science and Chemistry : Hand in Hand
Mr. Kautilya Kashyap	CETPA Infotech Pvt. Ltd.	17 January, 2018	Artificial Intelligence
Mr. Wesley Wojtas	Technical Expert, Energy Efficiency Building Program, Indo-German Energy Program, Ministry of Power, New Delhi	1 February, 2018	Issues related to Environment
Prof. Y. Singh	Dean (Research) Life Science, DU	27 February, 2018	Scope and Future in Microbiology

#### Visits to Industries, Institutes, etc.

<u>S. No.</u>	<u>Name of Institute/Industry</u>	<u>Duration of Visit</u>	<u>Number of Students</u>
1	Mother Dairy Plant, Patparganj, Delhi	6 April, 2017	52
2	Gogia Chemical Industries Pvt. Ltd., G. Noida	10 April, 2017	32
3	Semiconductor Laboratory, Chandigarh	11-12 April, 2017	36
4	Translational Health Science and Technology Institute (THSTI), Delhi	22 September, 2017	13
5	AIIMS, New Delhi	27 September, 2017	30
6	Defence Institute of Physiology and Applied Sciences (DIPAS, DRDO)	13 October, 2017	35
7	Jubilant Generics and Chemsys	1 November, 2017	7
8	National Dairy Research Institute, Karnal	9 February, 2018	30
9	Keoladev Bird Sanctuary, Bharatpur, Rajasthan	21-22 February, 2018	40

## Science Setu

This year Shaheed Rajguru College of Applied Sciences for Women, collaborated with Translational Health Science and Technology Institute (THSTI), an Institute of the Department of Biotechnology, Government of India, under prestigious Science Setu Program.

Science Setu, as the name of the Program suggests, is a program, which acts as a bridge between research institutes and undergraduate colleges. This program addresses the changing needs of teaching, learning and research in the under graduate courses and deploys innovative methods to promote Science education. Our students and some faculty members visited the research institute and participated in the quiz competition organised by THSTI.

## Foreign Language Course

This year Shaheed Rajguru College of Applied Sciences for Women collaborated with Langma International School of Languages to conduct on campus foreign language courses. Langma institute is engaged in training in English and wide range of foreign languages.

The classes for German language began with a batch of 24 students in February, 2018. This course addresses the need of the hour as multilingualism has become more than just important. This helps to make real connections with people and provide a better understanding.

## Alumni Cell

The alumni cell has conducted following activities for session 2017-18 :

- Department of Computer Science organised an interactive session on “Career Counselling and Internship Advice” on 13 January, 2018. Various alumni came and guided current batch of students about numerous career options relating to industry standards.
- Department of Computer Science organised a talk on “Journey to CERN, Switzerland” on 20 March, 2018. Ms. Dinika Saxena, currently working as Web Developer in CERN, had a reciprocal session on training and employment options at various foreign Universities.
- Department of Instrumentation organised a one day talk cum interaction session with Alumni under activity “Vyakhyan” on 23 August, 2017. Ms. Surabhi Jain, Research Analyst and Ms. Surbhi Gupta, Research Analyst in Jubilant Organosys Pvt. Ltd, Noida and Ms. Aparna Sharma CEO, Innovators and Entrepreneurs’ Academy, Dubai, United Arab Emirates were invited to interact with the students
- Department of Biomedical Science invited Ms. Palak Parasher to interact with students on 9 March, 2018.
- Department of Electronics invited Mrs. Shikha Jain as guest of honour for the Annual Technical Fest, ‘Electromania Ciencia’ held on 26 October, 2017.

## 25 Year Excellence Award

Shaheed Rajguru College of Applied Sciences for Women, in the year 2017-18, recognises the 25 years of outstanding service and dedication of the following members :

### Faculty Members

- Ms. Preeti Singhal
- Dr. Sadhna Jain
- Dr. Punita Saxena
- Dr. Ranjana Singh
- Dr. Deepa Joshi

### Non-Teaching Staff

- Mr. Sunderlal
- Ms. G. Vijaya

## World Women Summit 2018 Award

The Principal, Dr. Payal Mago, along with 5 teachers (Dr. Ranjana Singh, Dr. Punita Saxena, Ms. Preeti Singhal, Dr. Jasjeet Kaur and Dr. Bimla Pawar) and 5 students (Tania Chopra, Anu Sardana, Vaishali Chhabra, Khushboo and Vatika Singh) of Shaheed Rajguru College of Applied Sciences for Women were awarded the **Girl Centric Education and Training Award** under **World Women Summit 2018** organised by Women's Agency for Generating Employment on the occasion of the International Women's Day, 8 March, 2018.

## Meritorious Teachers Award by the Govt. of NCT of Delhi

Dr. Varsha Mehra, Assistant Professor, Department of Biomedical Science was conferred the Meritorious Teachers Award by the Govt. of NCT of Delhi, Delhi for the year 2017-18.

## Digital Empowerment for Homemakers (DEH)

Digital Empowerment for Homemakers (DEH) programme was started in January, 2017 at Shaheed Rajguru College of Applied Sciences for Women (SRCASW) and presently running in its phase II. It is an initiative of Department of Computer Science & Department of Electronics in association with Sakhi Saheli, an active NGO working for women welfare and empowerment in Vasundhara Enclave. The objectives of this initiative are to digitally literate non working women of all age groups and enable them to acquire basic ICT skills. Presently 20 women have registered for this noble initiative.

## Computer Literacy Programme

Computer Literacy Programme (CLP) was started in October, 2015. It is an initiative of Department of Computer Science in association with Galaxy Master Classes and Manav Ujjval Samaj Samiti under the Delhi Government's outright backing. The programme is in its phase IV at present. This programme aims to help underprivileged girls/women to be self reliant and confident in using current technologies in their day to day life and also make them better suitable for jobs where basic computer literacy is a prerequisite.



CLP is executed under the supervision of Ms. Deepali Bajaj and Ms. Urmil Bharti as teacher co-coordinators and student volunteers from Department of Computer Science. The Department of Computer Science has successfully completed four batches of CLP programme and more than 100 students have been certified under this initiative.

### **Spic Macay**

Shaheed Rajguru College of Applied Sciences for Women in association with 'Spic Macay' (Society for the Promotion of Indian Classical Music and Culture Amongst Youth) organised a Qawwali Program by Qutbi Brothers on 7 February, 2018 in the College Auditorium. The program lasted for 2 hours, followed by an open house, where students and participants were allowed to address their questions on Sufi Qawwali to Qutbi Brothers.

The event was a part of Spic Macay's series of cultural events, Virasat 2018, through which the aim is to raise the awareness and the understanding of Indian classical music in schools and educational institutes across the country.

### **Happy Club**

Happy Club is an initiative of the staff association of Shaheed Rajguru College of Applied Sciences for Women. It is an attempt to create healthy, fun filled environment for faculty members of various departments to meet and interact. In the academic year 2017-18, Happy Club hosted three meetings. Two of these meetings were organised to celebrate the festivals of Diwali and Holi. The club will continue to work towards achieving its objective of creating a healthy work environment that is characterised by teamwork and respect for each other.

### **Departmental Activities**

#### **Department of Biochemistry**

- A Technical Fest was organised in collaboration with Departments of Microbiology, Biomedical Sciences (BMS) and Biochemistry on 27 October, 2017. The theme was based on Forensic Sciences.
- 'Better than Normal' event was organised by the Biochemistry Department on 24 August, 2017 in which Mr. Hitesh Ramchandani demonstrated how, despite being born with cerebral palsy, he battled stereotypical adversities and overcame various challenges in his life.
- The Lab 2 of Biochemistry Department was inaugurated by Dr. S. Lakshmi Devi on 25 January, 2018. Mentorship certificates were distributed and various activities pertaining to environment, were conducted by the department.
- Saraswati Puja was celebrated in the foyer area on 22 January, 2018 in which a small puja was performed followed by the recitation of a poem 'Basant Geet' and singing of 'Saraswati Vandana'.

- Festival of Holi was celebrated on 26 February, 2018 in which participants from the department performed 'Ghoomar', a folk song from Rajasthan and prepared a probiotic drink 'Kanji'. This was followed by a lucky draw in which handmade gifts were given to the winner.
- On 19 March, 2018, Mrs. Deepa Lohani had come to teach students how to bake a cake using simple ingredients. Other departments also joined the session.
- On 3 November, 2017, a talk on 'Anecdotes in Biological Sciences' was organised by the department in which Dr. S. Lakshmi Devi was the key speaker. She gave a talk on the prospects and scope in the field of biological sciences.
- On 15 January, 2018, a seminar on 'Library Resources and Informational Databases' was organized, which was presided over by Dr. Projes Roy, the librarian of our college. He informed us about all the technologies and facilities available in our library and how to make proper use of them.
- A very informative talk was organised by the Biochemistry Department of South Campus, University of Delhi on 19 January, 2018 on the topic of drug discovery which was headed by Dr. S. K. Maulik, Professor of Pharmacology, AIIMS.
- On 2 February, 2018, Dr. Suman Kundu, HOD, Biochemistry Department, South Campus delivered a talk on 'The Charm of Biochemistry — Scopes, Applications and Future Prospects' and updated us on the many contributions made in this field by various organisations.
- A seminar on 'Modern Science and Indian Culture' was held on 26 February, 2018 with the key speaker being Dr. S. C. Goswami, Retd.. Professor, Dyal Singh College, who briefly informed us about the history of modern science and culture of our country and how they are both correlated to each other.
- The department went on an educational trip to South Campus on 8 September, 2017 where various instruments used in laboratories were showcased.
- A very informative educational trip was organised to Dabur at Kaushambi, UP on 10 April, 2018.
- A few students of the department attended the Youth Convention, 'Utkarsh' held at Ramakrishnan Ashram Marg on 3 February, 2018 in which a number of speakers motivated and inspired the students to overcome various obstacles in life.
- An overnight trip was organised by the department to Bahadugarh, Haryana on 27 February, 2018 in which the students participated in various games and celebrated Holi.
- Various environment friendly programmes were planned by the department like Say No to Disposables, Adopt a Plant, Best out of Waste, to name a few.

- Various cleanliness drive activities were organised by the department like adopting instruments, furniture maintenance, maintaining cleanliness both inside and outside of the laboratories and putting up new scientific advancements on the News Board.
- Voluntary mentors were made in the first semester in which students helped each other to grasp things that were taught in class. Surbhi Chauhan won the title of best mentor.
- A medicine box for various common ailments is maintained by the department.

### **Department of Biomedical Science**

- A visit to Transitional Health Science and Technology Institute (THSTI) was organised on 22 September, 2017 for the students and faculty of Biomedical Science, Food Technology and Instrumentation departments of the college. A quiz competition was held at THSTI and four students of the college secured 3rd position in it.
- On 13 October, 2017, the students made an educational excursion to the Defence Institute of Physiology and Applied Sciences (DIPAS, DRDO). An intriguing part of the visit involved the visit to the yoga and health centres. The scientists also gave a walk-in experience to many other areas of active research where fascinating new techniques and technologies were being developed to create state-of-the-art facility for advanced scientific research.
- The students visited India's premier Medical Institute on 27 September, 2017 on the occasion of its 62nd Foundation Day. To commemorate the occasion, AIIMS held a clean and green campaign, very much in sync with the need of the hour. In addition to this, the students visited the Nuclear Magnetic Resonance (NMR) facility.
- The Department of Biomedical Science conducted the most awaited departmental fest of the college, 'Plexus'. This year the theme of the event was, 'Forensic Science — Face to a Case'. Guest speakers, Dr. Anil Aggarwal (Prof. at Maulana Azad Medical College) and Dr. G. S. Sodhi (Associate Prof. at SGTB Khalsa College) were invited for a talk on the topic. A number of student activities including X-Quiz It, Minute to Win it, Pictionary, Quisterium and Fiendish Brain Teasers were organised.
- A talk was delivered by Dr. Zoheb Karim, Ph.D., Nanocellulose specialist, MoRe Research, Örnsköldsvik AB and KTH Royal Institute of Technology, Stockholm, Sweden on 18 January, 2018. He gave insight into the research of membrane technology to remove contaminants from water bodies. Students learnt about membrane technology and methodology of water purification.
- A three day workshop on 'Next Generation Sequencing Data Analysis' (5-7 July, 2017) was organised.
- A two-day workshop on 'Drug Discovery Technology: Computational Approaches in Drug Discovery & Design' was organised in association with Bio Discovery Group (18-19 January,

2018). Around 80 participants including college students, faculty, research scholars from different institutes like JNU, Amity, MIET, DU, Jamia Hamdard etc. attended the workshop.

- The department organised a lecture by Mr. Wesley Wojtas, Technical Expert, Energy Efficiency Building Program, Indo-German Energy Program, Ministry of Power, New Delhi, India on 1 February 2018. The topic of his talk was 'Issues Related to Environment' which focused on climate change, sustainable energy and policies regarding use of natural energy resources for minimizing use of exhaustible resources.
- The department organised a crash course in the month of January & February 2018 to help the students crack M.Sc. entrance tests. The course was organised as a joint venture between Department of Biomedical Science and Biolearning Academy, Hudson Lane, GTB Nagar, Delhi. Mr. Tahir Iqbal from Biolearning Academy and Mr. Tarun Kumar from Shaheed Rajguru College were the resource persons. 27 Students attended the crash course and were profoundly benefited.
- A two-day excursion to Agra and Keoladeo National Park, Bharatpur was organised. On 21st February 2018 students visited Taj Mahal, Agra Fort and Fatehpur Sikri. On 22nd February 2018, Keoladeo National Park was visited.
- Ms. Palak Parasher, Alumni of the Department of Biomedical Science, batch 2012-15, was invited to interact with students of the department. She is presently pursuing Ph.D. from JNU. She motivated students to take up research as their career option.

### **Department of Chemistry**

- A one-week National workshop for para-teaching staff was organised by Chemistry Department alongwith other departments from 15-21 December, 2017. Para-teaching staff from various institutions and different disciplines participated in this workshop from various colleges of Delhi University as well as other Universities of India. Dr. Garima Gupta, Scientist (E), DBT was the Chief Guest for the inaugural function. Inaugural lecture was given by Dr. S. Lakshmi, the founder Principal of SRCASW on the topic 'Work Ethics'. Various topics/techniques such as safety issues in laboratory, preparation of solutions, various types of titrations, separation and purification of laboratory chemicals and their handling, calibration of thermometer, working and handling of pH meter, conductometer and potentiometer etc were covered in the talks given by resources from the department as well as from other institutions.
- We jointly organised Technical Fest 'Trap' with Departments of Mathematics, Physics and Statistics on 27 October, 2017. An interactive talk was given on self-effectiveness by Professor S. K. Palhan, the founder-director of The Great Lakes Institute of Management, Gurgaon. Various technical and fun events were organised in which students from various colleges of University of Delhi participated.
- A talk on 'Chemistry of Processed Food' was delivered by Professor J. M. Khurana, Department of Chemistry, University of Delhi, on 27 September, 2017.

- A talk on 'Handling of Laboratory Glassware and Safe Practices' was delivered by Borosil Glass Works Ltd., on 8 January, 2018.
- A talk-cum-demonstration on 'Preparation of Oil Soaps' was given by Dr. Heena Lamba and Ms. Pooja Kukreja, founders of Estilo Handmade Products, on 15 February, 2018.
- A talk on 'Chemistry — a Central Science Playing God', was delivered by Dr. S. V. Eswaran, Visiting Scientist, Regional Centre for Biotechnology (DBT-UNESCO) and formerly from St. Stephen's College, University of Delhi on 27 February, 2018.
- An industrial trip to Yakult Danone India Pvt. Ltd was arranged on 16 March, 2018. The team was enlightened about *Minoru Shirota*, the Japanese microbiologist and inventor of Yakult. The students and the faculty members further visited the setup of processing, packaging and bottles manufacturing units.
- A two-day workshop was jointly organised on 'Wonders of Science' with Department of Instrumentation for school students of classes 6th-8th of East Delhi region, on 18 May 2017.

### **Department of Computer Science**

- A workshop on 'Soft Skill Personality Development' was organised on 26 September, 2017 by mentor, Sriparna Upadhyay.
- An interactive talk on 'Cyber Security', in collaboration with Department of Electronics was delivered by Rakshit Tandon (Cyber Security Expert) on 28 September, 2017.
- The department organized an interactive session 'Exploring Career Opportunities' with its alumni on 13 January, 2018. The session covered many things like career counselling, internship advice, coding practices and entrances.
- A workshop on 'Game Development with Javascript' was organised on 24 January, 2018 in collaboration with 'Coding Blocks'. The trainers were Mr. Harpreet Singh and Mr. Anuj Garg. Anuj is an open-source enthusiast and a GSoCer under the RedHat Foundation. Harpreet has worked on several Enterprise level applications and has successfully piloted several startups. He did his B. Tech in Computers from UIET, Kurukshetra in 2013.
- A one-day workshop on 'Python3' was successfully conducted on 3 February, 2018 by Dr. Sandeep Nagar, Head of Electrical and Electronics Department (Assistant Professor III), G. D. Goenka University.
- The department, in collaboration with the Placement Cell, organised a seminar on 'Career Awareness and Emerging Trends in IT industry' by TCS iON on 16 February 2018. The speaker, Mr. Vishal Isaac is an Assistant Consultant at TCS iON Digital Hub at Chennai.
- The department, in collaboration with Akatva TCS ion training partner, organised a workshop on 'Big Data and Hadoop' on 26 and 27 March, 2018. The workshop was

conducted by Azmat Siddique, a B. Tech. engineer with expertise in software proficiency and technical skills. He is an IBM Certified Hadoop Developer and has International Rank 1 holder in HackerRank in SQL Technology.

- A talk on 'Applied Aspects of Network Security — an Emerging Career Prospect' was given by Mr. Prasenjit Das (CSO, TCS) on 6 April, 2018.
- The department organised a talk on 'Journey to CERN, Switzerland' on 20 March 2018. Ms. Dinika Saxena, currently working as Web Developer in CERN, had a reciprocal session on training and employment options at various foreign universities.
- The Deptt. coordinated Computer Literacy Program's 3rd & 4th batch was completed successfully.
- The department coordinated Digital Empowerment for Homemakers.
- Tech Melange'17 was organised on 27 October, 2017. The Tech Melange was inaugurated by Mr. Padmakar Ojha, Principal DevOps Engineer from Wynn Limited(Airtel). Various events were organised including hardcode, lan-o-mania, hack-kar, tech charades, whiz quiz, scavengers, sorpriza, E-tambola, design-o-web, brain wreck. Students from many colleges of Delhi NCR participated in the events.

### **Department of Electronics**

- The department organised its Annual Technical Fest 'Electromania — Ciencea' on 26 October 2017. This event was sponsored by Cetpa, DU Updates, Career Launcher, Hungry House, Shivam Opticals and Apron. Students from many colleges like HMR Institute of Technology and Management, AKIDO College of Engineering, Dronacharya Group Of Institution, RD Engineering College, YMCA, Faridabad, Ganga Group of Institutions, NIEC, Rajkumar Goyal Institute of Technology, AKTU, Krishna Engineering College, Maharaja Agrasen College, Hansraj College, DTU and Institute of Engineering and Rural Technology participated in the event.
- Under the aegis of IQAC of Shaheed Rajguru College of Applied Sciences for Women, Department of Electronics and Department of Computer Science organised a talk 'Cyber Security' by Mr. Rakshit Tandon, cyber security expert from Internet and Mobile Association of India, on 28 September, 2017. Around 200 students along with the faculty members got the privilege to be a part of this informative session.
- The Department of Electronics organised an industrial visit to NTPC, Dadri on 9 February, 2018. The students visited coal-based thermal power plant, gas-fire plant and a solar plant which collectively produce about 2640 megawatt power.
- The Department of Electronics, in collaboration with Abdul Kalam Research Centre, Maharaja Agrasen College, organised a four day Hands-on workshop from 3 to 8 January, 2018 on Virtual Instrumentation with Lab view and IOT using Raspberry pi to improve technical skills of students and to make them aware of recent technologies.

- A 5-day excursion to Mcleodganj was arranged from 14 to 18 March, 2018. Students and the faculty members went for Triund trek that was approximately 18 km.

### **Department of Food Technology**

- The Department of Food Technology, along with two participating departments, organised a two-day hands-on workshop on 'Wonders of Science' for school students of East Delhi region on 17 May, 2017.
- The department of Food Technology organised an outreach activity on 'Basic Food Handling and Storage' for housekeeping and canteen staff on 26 May, 2017.
- The department, along with two participating departments, conducted a 1 month long interdisciplinary summer project (June 2017-July 2017) on 'Physico-chemical and Microbiological Analysis of Various Brands of Milk and Health Drinks'.
- The Food Technology Department organised a training-cum-workshop in collaboration with FSSAI on the topic 'Food Safety Standards in Bakery Industry' on 31 July, 2017.
- The Students participated in All India Level Quiz Competition organised by CII FACE under the initiative 'Surakshit Khadya Abhiyan' at Indian Habitat Centre, New Delhi on 18 September, 2017.
- The students along with faculty members attended the open day event which was conducted by the THSTI (Translational Health Science and Technology Institute) on 22 September, 2017.
- The Students and faculty members attended the Public Lecture series organised by FSSAI in collaboration with CHIFSS on 22 September 2017.
- The students and faculty member attended one-day National Conference organised by AFSTI (Association of Food Scientists and Technologists India) Delhi chapter, in association with Amity Institute of Food Technology 'AMIFOST 2017' on the theme 'Food Safety, Nutrition, Security and Sustainability' on 26 September, 2017 at Amity University, Noida.
- The Department celebrated 'World Food Day' on 13 October, 2017 with great enthusiasm.
- The faculty members and students attended 'World Food India : A Gateway of Indian Food Economy' organised by Ministry of Food Processing Industries, Government of India. It was held in partnership with Confederation of Indian Industry (CII) at Vigyan Bhawan, New Delhi, India from 3-5 November, 2017.
- The department organised an industrial visit to National Dairy Research Institute, Karnal on 9 February, 2018.
- The Department organised lectures on 'Food Safety : Global Trends and Role of FSSAI' and 'Grain Storage and Management' on 26 February, 2018.

## Department of Instrumentation

- The department in collaboration with other departments of college organised a workshop titled 'Wonders of Science' for students of East Delhi Schools on 17 & 18 May, 2017 under the DBT Star College Scheme outreach activity. A group of 50 students, majorly from the government schools of East Delhi attended the workshop.
- A three-day workshop on 'Multisim Software' for the students of B.Sc. (H) Instrumentation, Electronics and Physics, was organised from 7th to 9th June, 2017. Resource Persons were Ms. Neha Garg, Ms. Himani Dua and Ms. Reshma Sinha.
- Department in collaboration with IEEE-EDS, Delhi Chapter organised one-day training session on Silvaco TCAD on 14 July, 2017. Mr. Subhajit Chatterjee from Cognitive Design Technology Pvt. Ltd., Bangalore delivered the training session. Faculty members and Research scholars attended it. The event was supported by DBT Star college funding.
- The department organised a one-day talk-cum-interaction session with Alumni under activity 'Vyakhyan' on 23rd August, 2017 sponsored by DBT Star College Scheme. In the session, our eminent alumni Ms. Surabhi Jain, Research Analyst and Ms. Surbhi Gupta, Research Analyst in Jubilant Organosys Pvt. Ltd, Noida and Ms. Aparna Sharma CEO, Innovators and Entrepreneurs' Academy, Dubai, United Arab Emirates were invited to interact with the students.
- The department, along with Department of Food Technology and Biomedical Sciences participated in the open day at Translational Health Science and Technology Institute (THSTI) on 22 September, 2017. The event started with the welcome address by Dr. Shinjini Bhatnagar, Dean Clinical Research (THSTI) followed by a talk on 'Cataractogenesis and Theranostics' by Dr. S. V. Eshwaran, Emeritus Scientist (UNESCO-DBT Regional Centre for Biotechnology, Faridabad). Students participated in the intercollege quiz competition and ex-tempore organised by THSTI. Our college secured third position in intercollege quiz competition.
- The department, in collaboration with IEEE-EDS, Delhi Chapter organised a talk on 'Evolution of Electronics and VLSI Design' on 26 October, 2017. Professor R. S Gupta, Department of Electronics and Communication (Maharaja Agrasen Institute of Technology, GGSIPU) delivered the talk. The event was supported by DBT Star College funding.
- Inter college technical fest 'Technexus' was held on 26th and 27th October, 2017.
- We organized a one-day educational visit to Jubilant Generics and Chemsys, Noida on 1st November, 2017.
- The department organised a one-week Para Teaching Staff Skill Enhancement Workshop (PTSSEW) from 15 to 21 December, 2017 jointly sponsored by IEEE, Delhi Chapter, UGC and DBT Star College Scheme.



- In collaboration with Robotica, Robotics club of college, organised a talk on Artificial Intelligence on 17 January, 2018. The talk was delivered by Er. Kautilya Kashyap from Cetpa Infotech Pvt. Ltd.
- A group of four students of M.Sc. (F) Forensic Science, Department of Anthropology, University of Delhi completed five-week training at Department of Instrumentation from 17 January 2018 to 20 February 2018. They were trained on Analytical Instruments used in Forensic Analysis, under the guidance of Dr. Daya Bharadwaj & Dr. Jasjeet Kaur. They also initiated 6 months project entitled 'UV-Vis Spectrophotometer and Gas Chromatographic Analysis for Dating the Writing Age of Different Colour of Indian Inks' which is supposed to be completed by July, 2018.
- An excursion cum trekking trip to Mcleodganj, Himanchal Pradesh was organised from 14 March, 2018 to 18 March, 2018.
- In collaboration with IEEE-EDS, Delhi chapter organised a talk on 'Emerging Semiconductor Devices and its Applications' by Dr D Nirmal, Associate Professor, Electronics and Communication Engineering, Department of Electrical Sciences, Karunya Institute of Technology and Sciences, Coimbatore on 4 April, 2018.
- We organised a one-day talk cum interaction session with Alumni under activity 'Vyakhyan' on 7th April 2018 in collaboration with IEEE Delhi Section Women in Engineering Affinity Group. In the session our eminent alumni Ms. Paramita Mukherji, Consultant, Wipro, Ms. Mukta Jain, Manager ATM, Airport Authority of India & Ms. Poonam Rai, Project Assistant, CSIR-NEERI were invited to interact with the students.

### **Department of Management Studies**

- Inauguration cum Orientation took place on 23rd August 2017. The Department was inaugurated by Principal Dr. Payal Mago and Management Society 'Gestire' was introduced. It was followed by management games such as Brand Charades, Business Quiz, various ice breaking games, Ad Mad and JAM session. The event concluded with a tree plantation session.
- 'Better than Normal', a motivational talk by Hitesh Ramchandani (born with cerebral palsy) was organised in association with other departments on 24 August, 2017.
- 14th National Youth Parliament Competition was organised on 15 September 2017 in the college. Students also participated in the same.
- A visit to the Parliament House, Delhi was organised on 20 September. All students along with the faculty visited the Parliament to witness the prize distribution ceremony of 13th National Youth Parliament Competition.
- Two Sanitary Napkin Vending Machines were installed, one in academic block and other in the hostel under Mission AAA — Awareness, Availability and Affordability of Sanitary

Napkins by C.S.R. Research Foundation. A session on 'Adolescent Women Health and Hygiene Awareness Program' by Dr. Manjusha Gogna (Head, Medical Affairs, Northern Region, Apollo Life), Mr. Gopal Krishna Agarwal (Director, Bank of Baroda and National Spokesperson on Economic Affairs, BJP) and Mr. Deendayal Agarwal (Chairman, C.S.R. Research Foundation) was organised on 26 Sep 2017.

- A 'Career Counselling' seminar was held by Mr. Abhijit, IMS on 10th October, 2017.
- A talk was given by Dr. Kumar Bijoy, Head of Department of Management Studies, SSCBS on 'General Management Perspective' on 13 October, 2017.
- 46 students of department participated in a three phase (Quiz, Orientation and Residential Camp), Delhi University level Competition — Young India Know Thyself : A Leadership Development Programme organised by Vivekananda Foundation. Orientation programme was hosted in college campus for the same on 14 October, 2017.
- 'Tidaira', first Annual Management Fest was organised on October 26, 2017. Various events were organised including Module Your Biz, Ludo Megalomania, Brand Charades and Memory Game. Motivation in a Box — a motivational talk show was delivered by Aditya Arora, CEO, Faad Times and Nikhil Sarojaz (JNICSAR). There was a comedy show by Jaspreet Singh from the Canvas Laugh Club. Students from all the colleges in Delhi NCR participated in the events.
- A talk was organised on the topic 'Global Education and Study Abroad' by Mr Neel Panicker from the TIME Education group on 31st October, 2017.
- 'Entrepreneurship Skills while Learning' a talk by Ms. Pooja Avasthi, Network 21 was organised jointly with EDP Cell of college on 31st October, 2017.
- There was a seminar on 'GST and IFRS' by CA Kamal Garg, fellow member of ICAI on 8 January, 2018
- *Shraddhanjali* to Swami Vivekananda on his birthday, 12th January 2018 was organised as a part of the celebration of National Youth Day. The event was graced by Principal, Dr. Payal Mago and was attended by students from the college.
- Interactive session of students with Principal, Dr. Payal Mago was organised in January 2018.
- Students of BMS and BBA (FIA), along with faculty of the department attended a seminar on 'Entrepreneurship and Innovation in Financial Services Leveraging Technology' organised by YStart-SIIF Incubation, SSCBS on 29 January, 2018
- Students visited the slum area of Harijan Basti on 31st January, 2018 to create awareness about personal and environmental health and to encourage children to attend schools.

- A seminar was organised on 'Decoding the Budget' by Dr. Kumar Bijoy, Head, Department of Management Studies, SSCBS on 13 February, 2018.
- Students and Faculty of Management Studies, alongwith Department of Statistics visited 'Social Startup Fest'18' organised by Enactus, SSCBS.
- The department organised a Seminar on 'Relevance of Ethics in Modern Life' by Swami Chidrupanand Ji, Chinmaya Mission on 26 February, 2018.
- An overnight trip cum Holi celebration was organised alongwith the Department of Biochemistry to Club Platinum Resort, Bahadurgarh, Haryana on 27-28 February, 2018.
- A visit to Sanjay Colony, a slum on 22 March, 2018 was made for the generation of project idea for Enactus.
- Students as well as the faculty attended a session on 'India and Germany ?— Ideas and Perspectives' by Mr. Frank-Walter Steinmeier (President, Federal Republic of Germany) at North campus (DU) on 23 March, 2018.
- A talk was organised on 'Breaking the Shackles of Societal Stereotypes' on 26th March, 2018 by Ms. Kriti Singhal, Co-founder, The Education Tree.
- Students participated in a one year certification course 'CLICK' (Certificate in Leadership Insights and Comprehensive Outlook) by Chinmaya Yuva Kendra, Noida which included Workshops on goal setting, power of communication, power of concentration, self-inspired personality, time management, power of attitude, patriotism, movie workshop, experiential learning, etc. through the academic year 2017-18.
- The students and the faculty participated in a workshop on 'Water: An Element of Life' organised by Gandhi Smriti and Darshan Samiti and Jaladhikar Foundation on 14 April, 2018 at Satyagraha Mandap, Gandhi Smriti and Darshan Samiti, Rajghat, New Delhi.

### **Department of Mathematics**

- Eleven students of the department attended the 'Science Academic Lecture Workshop on Game Theory and Graph Theory' held at Jesus and Mary College, University of Delhi, from 10th to 12th August, 2017.
- One student Ms. Rupali Sharma has been selected for Level 'O' of MTTTS 2018 (Mathematics Training and Talent Search Programme), an initiative of IISc Bangalore for skill building in higher mathematics, at SSN College of Engineering, Chennai to be held from 21 May, 2018 till 16 June, 2018.
- A talk was organised on 'Linear Algebra and its Applications' by Dr. Aparna Mehra, Professor, Department of Mathematics, IIT Delhi on 21 September, 2017. The speaker

addressed the students of Mathematics and Statistics departments and apprised them of the applications of linear algebra in principal component analysis.

- Department of Mathematics along with the departments of Physics, Chemistry and Statistics organised its Annual Technical Fest 'Trap'17' on 27 October, 2017. The event started with a talk by Dr. S.K. Palhan on 'Self Effectiveness' followed by a plethora of technical and fun activities such as Musical Birds, Picture Pirates and Partners in Crime, to name a few. Students of various colleges participated in these events organised by the department.
- The department organised a talk on 'STEM Education', by Prof. Yogesh Velankar, Adjunct Faculty, IIT (BHU) on 3 January 2018. Prof. Yogesh talked on various options in STEM education. It was an activity based session in which students were encouraged to choose career options based on their potentials.
- A two-day workshop called 'Mathematica' was held on 8 and 9 March, 2018. 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. It was held in two sessions on both the days. Topics of Calculus, Linear Algebra, Differential Equations and Numerical Methods were covered in this workshop.
- Four students attended one-day workshop conducted by APTRON and CETPA in the college in March 2018.
- The department of Mathematics has always believed in giving back to the society by serving selflessly. As a part of their social outreach programme, the department, this year started a project called 'Utthan' which means upliftment. The objective of this project is to encourage and help girls of economically weaker sections of the society to study Mathematics. In this endeavour, an NGO 'Swayampath' that works for the underprivileged sections of the society acted as a link between the students of our college who were willing to help and those who were willing to be helped. At present, around 13 students from standard VI-IX were helped to cope up with the problems in Mathematics. Some of the girls being taught under this project are not even attending a formal school. More than 30 student volunteers from Mathematics department are part of this project.

### **Department of Microbiology and Biology**

- The Departmental fest 'Plexus' was conducted (26-27 October, 2017) along with the Department of Biomedical Sciences and Department of Biochemistry. We organised the event Questerium. Dr. Anil Aggarwal (Prof. Maulana Azad Medical College) and Dr. G.S. Sodhi (Associate Prof. SGTB Khalsa College) were invited to give talks regarding applications and scope of Forensic Sciences.
- The Department of Microbiology and Biochemistry organised an introductory lecture on science by Dr. S. Lakshmi Devi, Ex-Principal, Shaheed Rajguru College of Applied Sciences for Women on 3 November, 2017.

- The department organised scientific talk by Prof. Yogendra Singh, Dean Research (Life Sciences), University of Delhi, (former Scientist, IGIB) on the topic 'Future and Scope of Microbiology' in Shaheed Rajguru College of Applied Sciences for Women, on 27th February, 2018.
- An industrial visit to Moon Beverages, Sahibabad was organised by the Department of Microbiology on 30th March, 2018, giving detailed knowledge to the students about different aspects of beverage manufacture, packaging, quality control and waste treatment.

### **Department of Physics**

- A series of lectures was conducted to cover the topic 'Laser and its Applications' on 22nd July, 2017, under a seven-day 'National Faculty Development Program' from 21st to 27th July, 2017 on 'Recent Trends in Applied Science Teaching' at Shaheed Rajguru College of Applied Sciences for Women. There were talks by Prof. Ajoy Ghatak [(Retired) Professor of Physics at IIT, Delhi] on 'Basics of Lasers' and Dr. Sunil Kumar [Assistant Professor, Department of Physics, IIT, Delhi] on 'Laser Technology and Applications'.
- A one-day educational visit to Nehru Planetarium & Museum, New Delhi was arranged for second year students of B.Sc (H) Physics on 22nd August, 2017. The visit provided the students not only basic knowledge of our universe but also the technical aspects of astronomy.
- The physics society 'Tachyons', in collaboration with three other departments namely Mathematics, Chemistry and Statistics organised the annual departmental fest 'Trap-2017' on 27 October 2017. The event was inaugurated by Prof. S.K. Palhan, Founder Director, Great Lakes Institute of Management, Gurgaon and Dr. Payal Mago, Principal SRCASW. A talk on 'self-effectiveness' was delivered by the distinguished guest.
- The department conducted a session on 'Introduction to Mechanical Instruments' on 19th December, 2017 under National Para-Teaching Staff Skill Enhancement Workshop (PTSSEW-2017), a seven-day workshop from 15th to 21st December 2017 at Shaheed Rajguru College of Applied Sciences for Women organised by Department of Instrumentation. The prime goal of this session was to introduce the participants from various universities with the basic and technical knowledge of mechanical instruments.
- 'Tachyons', the Physics society invited Dr. N. Rathnasree, Director of Nehru Planetarium, New Delhi on 24th January, 2018. She delivered a lecture on the topic 'Jantar Mantar - Observatories of India'. She introduced students with the historical instruments built for astronomical calculations to predict time and movement of sun, moon and other planets. The talk was very insightful for the students as it gave a conceptual and theoretical knowledge of ancient ways of Indian Astronomy.
- The department organised a one-day lab visit for the first year students of B.Sc (H) to Inter University Accelerator Centre (IUAC), New Delhi on 27th February 2018. The motivation of this visit was to create awareness among the students about the research centres, their

research activities for the development of the country and the career opportunities offered by them.

- Students from the department won the first Position in March-past in the second sports fest of SRCASW 'Spardhaa' held on 18-19 January, 2018. They were awarded for their well-coordinated and energetic presentation.

### **Department of Psychology**

- Organized a session 'Better than Normal', a motivational talk by Hitesh Ramchandani (born with cerebral palsy) with other departments on 24 August, 2017.
- A talk on 'Interpersonal Relationships' was organised on the occasion of Inaugural event of Psychology society, Psymenia on 29 August, 2017.
- An interactive session on Suicide Prevention Awareness — 'Take a Minute, Save a Life' was organised as the first attempt to observe National Suicide Prevention Day (10th August) within the college premises. It took place on 14 August, 2017.
- A workshop on Music Therapy — 'Musicology' was organised to give students hands-on experience of alternative psychotherapies on 26 September, 2017.
- The department celebrated the first 'Mental Health Awareness Week' in the college from 11 October to 17 October, 2017. The 7-day long event comprised of workshops, competitions and demonstration of relaxation techniques.
- An interactive session on 'Stress Management' was organised on 11 January, 2018. The session was organised with the aim of helping people to understand the importance of stress management and equipping them with necessary information to cope with stress in their day to day lives.
- On 27 February, 2018, the college witnessed its very first Annual Psychology Fest, Trezire'18. The theme of the fest was 'Positively Embracing Negative Emotions'.

The event comprised of talks, psychology quiz, competitions and fun games. It turned out into huge success with participation from students of various colleges.

- A talk was organised on 'Breaking the Shackles of Societal Stereotypes' on 26 March, 2018 by Ms. Kriti Singhal, Co-founder, The Education Tree.

### **Department of Statistics**

- Dr. Sudhir Kapoor, Associate Professor of Department of Statistics in Hindu College was invited for the inauguration of our society and giving lecture on 'Statistical Methods and its Implications'. This event was held on 26 September, 2017. This event was headed by Mr. Ashish Kumar Garg and Dr. Punita Saxena.

- The department fest was organised in collaboration with Departments of Mathematics, Physics and Chemistry. This collaboration was named 'Trap'. This was held on 27 October, 2017. Three fun events were organised by our department namely — Mogambola, Twister and Mukkadar ka Sikkandar.

### Academic Achievements and Activities of Teaching Faculty

#### Dr. Payal Mago, Principal

- Recipient of 33rd Dr. S. Radha Krishnan Memorial National Teacher Award 2017 from Freelance Journalist & Writers of India on 3 September, 2017
- Recipient of World Environment and Livelihood (WEAL) Award from World Clean Environment Summit organized by National Institute of Cleanliness Education and Research (NICER) on 5-6 June, 2017
- Recipient of Lifetime Achievement Award from Women's Agency for Generating Employment presented on 8 March, 2017
- Appointed as Joint Dean academic affairs and projects. (University of Delhi).
- Appointed as Joint Dean Colleges (University of Delhi).
- Completed third term as UGC Standing Committee member of Women Study Centres.
- Visitor nominee in Executive Council of Central University of Haryana for the second term.
- Nominated as member on the Advisory Board of Women Study Centers of Calcutta University, Uttarakal University, Kurukshetra University; Tiagraj College Madurai (Tamil Nadu); Lady Doak College Madurai (Tamil Nadu) and DAV College, Yamuna Nagar — Second term.
- Member Committee for the purpose of control and supervision of experiments on animals (CPCSEA) Ministry of Environment and Forest and climate Change Government of India — Third term.
- Member Court, Maharishi Dayanand University.

#### Department of Biochemistry

##### Dr Sadhna Jain, Associate Professor

- Published a research paper “Estimation of phenolic content, flavanoid content, antioxidant activity and alpha amylase inhibition activity of Pomegranate (*Punica granatum*) and Kinnow (Hybrid of citrusdelicosa) peels”. Pragy Saxena and Sadhna Jain, World Journal of Pharmaceutical Research (2017) vol. 7, issue 2, 817-826.

- Presented a poster entitled “Estimation of phenolic content, flavanoid content, antioxidant activity and alpha amylase inhibition activity of Pomegranate (*Punica granatum*) and Kinnow (Hybrid of *Citrus delicososa*) peels”. Pragma Saxena and Sadhna Jain in 5th International Conference on Drug Discovery 2017, India (14-15 September, 2017).
- Convener, Recent Trends in Applied Science Teaching : First National FDP (UGC sponsored) 20-27th July, 2017 held at Shaheed Rajguru College of Applied Sciences for Women, University of Delhi.
- Resource Person in UGC and DBT sponsored National Para-Teaching Staff Skill Enhancement Workshop (15-21 December, 2017) organised by Shaheed Rajguru College of Applied Sciences for Women, University of Delhi.

**Dr Lakshmi Pasricha Sarin, Assistant Professor**

- Organised and Coordinated “Better than Normal”, a motivational talk by Hitesh Ramchandani, on 23 August, 2017 at SRCASW, University of Delhi.
- Organising Committee Member for UGC and DBT sponsored National Para-Teaching Staff Skill Enhancement Workshop (15-21 December, 2017) organised by Shaheed Rajguru College of Applied Sciences for Women, University of Delhi.

**Dr. Bhawana Sharma, Assistant Professor**

- Organised and Coordinated “Better than Normal”, a motivational talk by Hitesh Ramchandani, on 23 August, 2017 at Shaheed Rajguru College of Applied Sciences for Women, University of Delhi.
- Organising Committee Member for UGC and DBT sponsored National Para Teaching staff Skill Enhancement Workshop (15-21 December, 2017) organised by Shaheed Rajguru College of Applied Sciences for Women, University of Delhi.
- Introduced and Coordinated “Foreign Language Course” at Shaheed Rajguru College of Applied Sciences for Women, University of Delhi. Classes began from 26 February, 2017 with a batch of 24 students for German language.

**Department of Biomedical Sciences**

**Dr. Varsha Mehra, Assistant Professor**

- Convenor, First National Workshop for Science Faculty : “Recent Trends in Applied Science Teaching” (Sponsored by UGC and Star College Scheme) held in college from 20-26 July, 2017.
- Conferred the Meritorious Teachers Award by the Government of NCT of Delhi, Delhi for the year 2017-18.



- Published following Research/review articles in International Journals of repute :
  - § Assessment of Anti-diabetic and Anti-oxidant activity of *MurrayaKoenigii* extracts using in-vitro assays, *Journal of Biomedical and Therapeutic Sciences* (2018): 5(1); 1-8.
  - § Diabetes : The Next Epidemic?, *International Journal of Life Sciences* (2018):6(2)

**Dr. Indu Arora, Assistant Professor**

- Organised three-day workshop on “Next Generation Sequencing Data Analysis” at Shaheed Rajguru College (5-7 July, 2017) in the capacity of Workshop Co-ordinator.
- Organised two-day training in “Drug Discovery Technologies – Computational Approaches in Drug Discovery and Design” at Shaheed Rajguru College (18-19 January, 2018) in the capacity of Workshop Co-ordinator.
- Program Convenor and Resource Person in National Para-Teaching Staff Skill Enhancement Workshop 2017 organised at Shaheed Rajguru College from 15-21 December, 2017.
- Participated in International Right to Information Summit 2017 held on 16-17 September, 2017 organised by RTI Institute of India.
- Presented a paper entitled “*Gold Nanoparticles Using Extracts Of Spilanthes Achmella Akarkarah*” and attended a Workshop on Magnetic Resonance Imaging, Transmission Electron Microscopy, Gamma Scintigraphy, Confocal Microscopy in Conference-cum-Workshop on Molecular Imaging & Drug Discovery (MIDD-2018) organised by J H Institute of Molecular Medicine, School of Interdisciplinary Sciences & Technology, Jamia Hamdard, 26-27 March, 2018.
- Supervised projects for students of B.Sc. (Biotechnology) from Department of Biotechnology, Amity University, entitled :
  - § “*Role of Genes and Receptors in Lung Cancer*”
  - § “*Role of Genes and Receptors in Breast Cancer*”

**Dr. Manisha Khatri, Assistant Professor**

- Organised three day workshop on “Next Generation Sequencing Data Analysis” at Shaheed Rajguru College (5-7 July, 2017) in the capacity of Workshop Co-ordinator.
- Organised First National Faculty Development Workshop on “Recent Trends in Applied Science Teaching” (Sponsored by UGC and Star College Scheme) from 20-26 July, 2017 in the capacity of Organising Secretary.
- Organised two-day training in “Drug Discovery Technologies – Computational Approaches

in Drug Discovery and Design” at Shaheed Rajguru College (18-19 January, 2018) in the capacity of Workshop Co-ordinator.

- Resource Person in National Para-Teaching Staff Skill Enhancement Workshop, 2017 organised at Shaheed Rajguru College from 15-21 December, 2017.
- Coordinated the workshop entitled “*Wonders of Science*” for students of East Delhi School on 17-18 May, 2017 under the DBT Star College Scheme outreach activity.
- Supervised M.Sc. dissertation entitled “Antimycobacterial activity of *Justicia adhatoda* leaves extract and its phytochemical profiling” of Ms. Nomita Gupta, student from Amity Institute of Microbial Technology.
- Published following Research/review articles in International Journals of repute :
  - § Investigating the free radical scavenging and acetylcholinesterase inhibition activities of *Elletaria cardamomum*, *Piper nigrum* and *Syzygium aromaticum*, *International Journal of Pharmaceutical Sciences and Research* (2017): 8(7); 3180-3186.
  - § Antimycobacterial Potential of Indian Spices: A Review, *International Journal of Pharmacognosy and Phytochemical Research* (2017): 9(8); 1127-1134.
  - § Assessment of Anti-diabetic and Anti-oxidant activity of *Murraya Koenigii* extracts using *in-vitro* assays, *Journal of Biomedical and Therapeutic Sciences* (2018): 5(1); 1-8.
  - § Diabetes : The Next Epidemic?, *International Journal of Life Sciences* (2018):6(2)
- Acted as Reviewer for the Journals : European Journal of Integrative Medicine, Plos One and Letters in Drug Design and Discovery.

#### **Dr Parvinder Kaur, Assistant Professor**

- Resource Person in National Para-Teaching Staff Skill Enhancement Workshop, 2017 organised in the college.

#### **Dr. Hemant Kardam, Assistant Professor**

- Resource Person in National Para-Teaching Staff Skill Enhancement Workshop, 2017 organised in the college.

#### **Mr. Tarun Kumar, Assistant Professor**

- Resource Person in National Para-Teaching Staff Skill Enhancement Workshop, 2017 organised in the college.
- Resource Person in crash course program for M.Sc. entrances organised for the students of Biomedical Sciences in 2018.

- Submitted Ph.D. thesis entitled “Protein N-homocysteinylation : Structural Consequences and Preventive Strategies” in August, 2017.

#### **Dr. Neetu Sain, Assistant Professor**

- Resource Person in National Para-Teaching Staff Skill Enhancement Workshop, 2017 organised in the college.
- Attended Open Day programme at Translational Health Science and Technology Institute (THSTI) on 22 September, 2017 organised by THSTI and Vijnana Bharati.
- Awarded Ph.D. Degree, thesis entitled ‘Multi-scale Analysis of Protein Interaction Networks involving Peptide Recognition Modules’ in April, 2018.

#### **Department of Chemistry**

#### **Dr. Jasjeet Kaur, Associate Professor**

- Published a research paper entitled, ‘Oil red O reagent for Detection of Latent Fingermarks: A review’, *Egyptian Journal of Forensic Sciences*, 8 (2018).
- Presented a paper entitled, ‘The Forgotten Indian Pioneers of Fingerprint Science’ at the Conference on Emergence of Modern Science in Colonial India, held on 14-16 March, 2018 at *Indian National Science Academy*, New Delhi.
- Organised a two-day workshop on *Wonders of Science* for school students of East Delhi region with Department of Instrumentation, on 18 May, 2017 and was Resource Person for the same.
- Resource Person and Treasurer for *7-Day Faculty Development Programme on Recent Trends in Applied Science technology (FDA-RTAST)* organised by Shaheed Rajguru College of Applied Sciences for Women, 21-27 July 2017.
- Coordinator and Resource Person for *One-week National Para-teaching Staff Skill Enhancement Workshop* held on 15-21 December, 2017 at Shaheed Rajguru College of Applied Sciences for Women.
- Supervised five-week internship training program for M.Sc. (Forensic Science) students on various analytical techniques and instruments from 17 January to 24 February, 2018.

#### **Dr. Shuchi Dhingra, Assistant Professor**

- Resource Person and Organising Member : A two-day workshop on “Wonders of Science” organised by Departments of Chemistry, Biomedical Science, Food Technology and Instrumentation for school students of classes 6th-8th (of East Delhi Region) on 18 May, 2017.

- Participated in one-day workshop on “Green Chemistry Courses” held during the International Conference on “Advancing Green Chemistry: Building a Sustainable Tomorrow”, jointly organised by Green Chemistry Network Centre, Department of Chemistry, University of Delhi and Hindu College, University of Delhi, held at University of Delhi, on 3-4 October, 2017.
- Convener for Eco Day celebration, held on 27 March, 2018.

**Dr. Deepak Kumar, Assistant Professor**

- Published a research paper entitled, “Synthesis, antiamoebic activity and docking studies of metronidazole-triazole-styryl hybrids”. *European Journal of Medicinal Chemistry*, 150 (2018) 633-641.
- Resource person for “One-week National Para-teaching Staff Skill Enhancement Workshop” held on 15-21 December, 2017 at Shaheed Rajguru College of Applied Sciences for Women, University of Delhi, Delhi

**Dr. Anjeeta Rani, Assistant Professor**

- Published Research Papers :
  - § ‘Sustained Stability and Activity of Lysozyme in Choline Chloride against pH Induced Denaturation’, *ACS Sustainable Chemistry and Engineering*, 5(2017), 8344–8355.
  - § ‘The effects of biological buffers TRIS, TAPS, TES on the stability of lysozyme’ *International Journal of Biological Macromolecules*, 112 (2018), 720-727.
  - § ‘Undesirable impact on Structure and Stability of Insulin on Addition of (+)-Catechin Hydrate with Sugar’ *Archives of Biochemistry and Biophysics*, 2018, accepted.
  - § ‘Influence of additives on thermoresponsive polymers in aqueous media: A case study of poly(N-isopropylacrylamide)’, *Physical Chemistry Chemical Physics*, 2018, accepted.

**Ms. Neha Sagar, Assistant Professor**

- Organizing Committee member for UGC and DBT sponsored National Para Teaching staff Skill Enhancement Workshop (15-21 December, 2017), organised by Shaheed Rajguru College of Applied Sciences for Women, University of Delhi.

**Department of Computer Science**

**Dr. Suruchi Chawla, Assistant Professor**

- Organised a talk on “Career Awareness and Emerging Trends in Information Technology Industry” by TCSion.

- Organised departmental two-day Workshop on “Big Data and Hadoop” conducted by TCSion training partner.
- Organised talk on “Global Education and Study Abroad” Mr. Prakash, TIME institute on 31 October, 2017.
- Organised the Seminar on “Career counseling” by IMS on 10 October, 2017.
- Published Paper entitled “A novel approach to effective web information retrieval based on optimization using hybrid of fuzzy set, ant colony optimization and trust”. International Journal of Computer Engineering and Applications, Volume XII, Issue I, Jan. 18.

### **Ms. Deepali Bajaj, Assistant professor**

- Organised a Soft Skills training workshop on “*Communication Skills for Career Excellence*” by Ms. Sriparana Ghosh on Tuesday, 26 September, 2017.
- Organised a talk on “Cyber Crime” by Mr. Rakshit Tandon, Director, Internet and Mobile Association of India on 28 September, 2017.
- Organised an interactive session on “Career Counseling and Internship Advice” on 13 January, 2018. In this session our bright alumni guided and counseled current students about placements and post graduation options.
- Organised a talk on “Journey to CERN, Switzerland” on 20 March, 2018. Ms. Dinika Saxena, currently working as Web Developer in CERN, had a reciprocal session on training and employment options at various foreign Universities.
- Bajaj, D., Yadav, A., Jain, B., Sharma, D., Tewari, D., Saxena, & Ray, P. (2017, July). Android based nutritional intake tracking application for handheld systems in *8th International conference on Computing, Communication and Networking Technologies (ICCCNT), 2017 on* (pp. 1-7). IEEE.
- Presented a paper entitled “Identifying Requirements for Big Data Analytics and Mapping to Hadoop Tools” in 5th International Conference on Computing for Sustainable Global Development (INDIACOM 2018) conference held at Bharti Vidyapeeth’s Institute of Computer Applications and Management, New Delhi, India on 14-16 March, 2018. Conference Id: 42835.
- Published a paper entitled “Experiences in setting up Hadoop Environment and running MapReduce job for teaching Big Data Analytics in Universities” in 5th International Conference on Computing for Sustainable Global Development (INDIACOM 2018) conference held at Bharti Vidyapeeth’s Institute of Computer Applications and Management, New Delhi, India on 14-16 March, 2018. IEEE Conference Id : 42835
- Published a paper titled ‘Mobile application to track nutritional intake — a smart step towards nutritional security through m-health’ in the conference proceedings of World

congress on Disease, Health and Society: Issues, challenges organised by G.C.Mishra education foundation on 20 May, 2017, at JNU, Delhi ISBN; 978-93-85822-51-3.

- Participated in a two-day conference “2018 Cisco networking Academy Conference in India” on 8-9 February, 2018.
- Invited as Resource Person to deliver a day long hands-on workshop on “LaTeX : Tool for Technical Writing” in a UGC, DBT and CSEC (Delhi University) sponsored 7-day National Faculty Development Program (FDP) on “Recent Trends in Applied Science Teaching” from 21-27 July, 2017.
- Convener for social outreach program :
  - § Computer Literacy Programme (Batch 4)
  - § Digital Empowerment for Homemakers (Batch 2)

#### **Dr. Aakansha, Assistant Professor**

- Published Paper titled “Analysis of Hyper Text Transfer Protocols and its Variants” in International Conference on Smart Innovations in Communications and Computational Sciences (ICSICCS-2017), Moga, Punjab, India, Springer. (ISBN:978-1-5090-6470-0). Authors- Dr. Aakanksha, Dinika Saxena, Bhawna Jain, Pooja Sharma, Disha Sahni.
- Aakanksha, Saxena D., Jain, B., Sharma P., Sahni.D.(2017). Analysis of Hyper Text Transfer Protocols and its Variants.International Conference on Smart Innovations in Communications and Computational Sciences (ICSICCS-2017), Moga, Punjab, India, Springer. ISBN:978-1-5090-6470-0.

#### **Ms. Urmil Bharti, Assistant Professor**

- Organised a soft skills training workshop on “Communication Skills for Career Excellence” by Ms. Sriparana Upadhyay, certified Soft Skill Trainer, on 26 September, 2017.
- Organised an interactive session on “Career Counseling and Internship Advice” on 13 January, 2018. In this session our bright alumni guided and counseled current students about placements and various post graduation options.
- Organised a talk on “Journey to CERN, Switzerland” on 20 March, 2018. Ms. Dinika Saxena, currently working as Web Developer in CERN, had a reciprocal session on training and employment options at various foreign Universities.
- Presented a paper with title “Experiences in setting up Hadoop Environment and running MapReduce job for teaching Big Data Analytics in Universities” in 5th International Conference on Computing for Sustainable Global Development (INDIACOM2018) conference held at Bharti Vidyapeeth’s Institute of computer Applications and Management, New Delhi, India on 14-16 March, 2018. IEEE Conference Id: 42835.

- Published a paper with title “Identifying Requirements for Big Data Analytics and Mapping to Hadoop Tools ” in 5th International Conference on Computing for Sustainable Global Development (INDIA COM2018) conference held at Bharti Vidyapeeth’s Institute of computer Applications and Management, New Delhi, India on 14-16 March, 2018. IEEE Conference Id: 42835.
- Invited as resource person to deliver a day long hands-on workshop on “LaTeX: Tool for Technical Writing” in a UGC, DBT and CSEC (Delhi University) sponsored 7-day National Faculty Development Program (FDP) on “Recent Trends in Applied Science Teaching” from 21-27 July, 2017.

**Ms. Tina Sachdeva, Assistant Professor**

- Authored and presented a paper titled “Designing of an Application for group-based coordination for Information exchange in Ad-hoc networks” at IC3TSN, Amity University held on 12-14 October, 2017. IEEE ISBN: 978-1-5386-0627-8.
- Attended workshop on R-programming held at Department of Computer Science, University of Delhi on 12 February, 2018.
- Attended “International Conference on Computing and Communications Technologies for Smart Nations” held at Gurugram, India on 12-14 October, 2017.

**Ms. Kalpana Singh, Assistant Professor**

- Organised Departmental one-day hands on Workshop on “Game Development using JavaScript”.
- Organised Departmental two-day Workshop on “Big Data and Hadoop” conducted by TCSion training partner.
- Published a Chapter “Understanding the basics of ‘R’ Programming Language” in Librarianship in New Millennium, ISBN 81-7019-589-2 in Jul, 2017.
- Attended One Day National Seminar on “Quality Assurance in Higher Education”, on 4 November, 2017 organised by IQAC, Jamia Millia Islamia, New Delhi
- Attended and Presented a Poster in “National Conference on Protein Structure and Dynamics in Health and Agriculture”, 3-4 November, 2017 organised by Centre for Interdisciplinary Research in Basic Sciences and Department of Biosciences, Jamia Millia Islamia, New Delhi.
- Attended UGC Sponsored National Level workshop on “A Trend towards Machine Learning: Techniques and Application” organised by Deen Dayal Upadhyay College, 26 December, 2017 to 1 January, 2018.

- Attended National Level Workshop (FDP), “Machine Learning: A Practical Approach”, SSCBS, 29 January, 2018 to 3 February, 2018.

**Mr. Sumit Kumar, Assistant Professor**

- On 2 November, 2017, a Blood Bank drive was conducted in the college campus with collaboration of AIIMS.
- Organised a talk on “Applied Aspects of Network Security : An Emerging Career Prospect” by Mr. Prasenjit Das (CSO, TCS) on 6 April, 2018.

**Ms. Asha Yadav, Assistant Professor**

- Teacher Co-ordinator for Digital Empowerment for Homemakers (Batch 2).
- Published paper “Android based nutritional intake tracking application for handheld systems”. In *Computing, Communication and Networking Technologies (ICCCNT), 2017 8th International Conference on* (pp. 1-7). IEEE.
- Published paper titled, “Identifying the usage and impact of gadgets on Adolescents: A study on Students in Computing for sustainable global development”, March 2018, 5th International conference on (pp-178-181), IEEE.
- Attended one-day conference on “Cashless and Mobile Higher Education Conference “ on 15 September, 2017.
- Organised a talk on “Applied Aspects of Network Security : An Emerging Career Prospect” by Mr. Prasenjit Das (CSO, TCS) on 6 April, 2018.

**Ms. Seema, Assistant Professor**

- Organised a talk on “Applied aspects of network security-an emerging career prospect” by Mr. Prasenjit Das (CSO, TCS) on 6 April, 2018.
- Teacher coordinator for Digital Empowerment for Homemakers (Batch 2).
- Published paper, Identifying the usage and impact of gadgets on Adolescents: A study on Students in Computing for sustainable global development, March 2018, 5th International Conference (pp-178-181), IEEE.
- Attended one-day conference on “Cashless and Mobile Higher Education Conference” on 15 September, 2017.
- Attended IEEE 5th International Conference on “Computing for Sustainable Global Development” on 14-16 March, 2018.



### **Ms. Tulika Kumari, Assistant professor**

- Organised one-day workshop on “Python” on 3 February, 2018 in Deptt. of Computer Science.
- Organised departmental two-day Workshop on “Big Data and Hadoop” conducted by TCSion training partner.
- Published paper titled “A Comprehensive Study of Shilling Attacks in Recommender Systems” International Journal of Computer Science Issues, Volume 14, Issue 4, July 2017 ISSN (Print): 1694-0814 | ISSN (Online): 1694-0784 , Page Nos. 44-50.
- Attended a National Workshop on “A trend towards Machine Learning: Techniques and Applications” at Deen Dayal Upadhyaya College from 26 December, 2017 to 1 January, 2018.

### **Ms. Neha Gandhi, Assistant professor**

- Presented paper on “Reliability Analysis of Open Source Software based on User Growth” at Seventh International Conferences on Advances in Information Technology and Mobile Communication AIM 2017, Pune, India, Pg 17-23, Mc Graw Hill Education (ISBN:978-81-931119-9-4).
- Presented paper on “Reliability Growth Modeling for OSS : A Method Combining the Bass Model and Imperfect Debugging”, International Conference on Smart. Innovations in Communications and Computational Sciences (ICSICCS 2017), Moga, Punjab, India, Springer. (ISBN:978-1-5090-6470-0).
- Presented paper on “Estimating Reliability for OSS : An approach with Change-point in Operational Phase”, 6th International Conference on Reliability, Infocom Technologies and Optimization (ICRITO) (Trends and Future Directions), 20-22 September, 2017, Noida pg. 251-256, IEEE. (ISBN: 978-1-5090-3012-5).
- Presented paper on “Reliability Modeling of OSS Systems based on Innovation : Diffusion Theory and Imperfect Debugging” Proceedings of the First International Conference on Information Technology and Knowledge Management, pp. 53–58 DOI: 10.15439/2018KM48 ISSN 2300-5963 ACSIS, Vol. 14.
- Was conferred Best Paper Award for paper presented at 6th International Conference on Reliability, Infocom Technologies and Optimization (ICRITO 2017), technically sponsored by IEEE, Amity University, Noida.
- Organised one-day hands-on Workshop on “Game Development using Javascript” on 24 January, 2018 by Coding Blocks.
- Organised departmental two-day Workshop on “Big Data and Hadoop” conducted by TCSion training partner.

- Attended UGC Sponsored National Level workshop on “A Trend towards Machine Learning : Techniques and Application” organised by Deen Dayal Upadhyaya College, 26 December to 1 January, 2018.
- Attended National Level Workshop (FDP) on “Machine Learning : A Practical Approach” organised by Shaheed Sukhdev College of Business Studies, University of Delhi, 29 January to 3 February, 2018.
- Attended Workshop on “R Programming” organised by Department of Computer Science, University of Delhi, 12 February, 2018.
- Attended Entrepreneurship Awareness Camp in Shaheed Rajguru College of Applied Sciences for Women, conducted by NISBUD, Ministry of Skill Development and Entrepreneurship, Government of India with DST, 21-23 March, 2018.
- Member of organising committee of “Eco Debatarian”, the Debate Competition held on Eco-Day, 27 March, 2018.
- Judged ‘Robotika’ presented event “Expo’ 18”, the Annual Tech Projects Showcase during ‘Karvaan 2018’.

### **Department of Electronics**

#### **Ms. Venika Gupta, Associate Professor**

- Was a member of Organising Committee of Faculty Development Programme on Recent Trends in Applied Science Teaching (FDP-RTAST) held on 21-27 July, 2017 at SRCASW.
- Guided the participants as Resource Person in Faculty Development Programme on Recent Trends in Applied Science Teaching (FDP-RTAST) held on 21-27 July, 2017 at SRCASW.
- Attended DST sponsored “Third Lecture Workshop on Trans-disciplinary Areas of Research and Teaching” by Shanti Swaroop Bhatnagar Awardees organised by Science Foundation, Deen Dayal Upadhyaya College, University of Delhi held on 15-16 September, 2017.
- Organised a four day Hands-on Workshop as Convenor on Virtual Instrumentation with Lab view and IOT using Raspberry pi in collaboration with Abdul Kalam Research Centre, Maharaja Agrasen College 3-7 January, 2018.
- Organised Seminars and Workshops as Co-ordinator of IQAC.

#### **Ms. Preeti Singhal, Associate Professor**

- Guided the participants as Resource Person in Faculty Development Programme on Recent Trends in Applied Science Teaching (FDP-RTAST) held on 21-27 July, 2017 at SRCASW.

- Attended DST sponsored Third Lecture Workshop on Trans-disciplinary Areas of Research and Teaching by Shanti Swaroop Bhatnagar Awardees organised by Science Foundation, Deen Dayal Upadhyaya College, University of Delhi held on 15-16 September, 2017.
- Attended a two-day e-procurement Workshop and Training held on 7-8 November, 2017 in Bhaskaracharya College of Applied Sciences.
- Was a member of Organising Committee of National Para-Teaching Staff Skill Enhancement Workshop held on 15-21 December, 2017 at SRCASW.
- Organised a four-day Hands-on workshop as Convenor on Virtual Instrumentation with Lab view and IOT using Raspberry pi in collaboration with Abdul Kalam Research Centre, Maharaja Agrasen College held on 3-7 January, 2018.
- Received a Girl Centric Education and Training Award in World Women Summit 2018 organised by Women’s Agency for Generating Employment (WAGE) on 8 March, 2018.

**Dr. Amita Kapoor, Associate Professor**

- Volunteered as Expert Mentor, in the NIPS Paper Implementation Challenge 2017 for the area Transfer Learning, Computer Vision and Variational Autoencoders.
- Awarded in September 2017 “Coursera Mentor — Twelve Months” for Mentoring Robotics : Aerial Robotics Course by the University of Pennsylvania by Coursera.
- Invited as a speaker at Machine Learning Unplugged, a Conference organised by Women in Machine Learning and Data Sciences Delhi chapter on 18 March, 2018, IIT Delhi, India, 2017.
- Invited as a Speaker at NIPS AI Saturdays, Delhi, India, 2017 to speak about Convolutional Neural Networks.
- Invited to conduct a Workshop on “Applying Transfer Learning to Your Data” at PyCon India 2017.
- Resource Person in the Faculty Development Program, SRCASW, University of Delhi, 2017.
- Invited to give a talk on “Transfer Learning using Keras and Tensorflow” at PyData Delhi 2017.
- Resource Person for one-day workshop on “Biologically Inspired Learning : Neural Networks and Artificial Intelligence”, at Hansraj College, University of Delhi, September, 2017.
- Published a book entitled “TensorFlow 1.x Deep Learning Cookbook”; by Packt Publishing Ltd. UK, 2017.

- Published a paper entitled “Low-Resolution Image Recognition using Cloud Hopfield Neural Network.”, in an International Journal Progress in Advanced Computing and Intelligent Engineering, Advances in Intelligent Systems and Computing (563), Springer. 2018.
- Published a paper entitled “Lifecycle of Butterfly and True Nature of Things”, in a National Journal Bodhi Path, vol 13, pp 27-29, July, 2017.
- Delivered a lecture as a Resource Person in National Para-Teaching Staff Skill Enhancement Workshop held on 15-21 December, 2017 at SRCASW.
- Presented a paper entitled “Impact of Artificial Intelligence on Business”, Digital Innovations, Transformation, and Society Conference 2018 (Digits 2018), jointly organised by Birla Institute of Management Technology (BIMTECH), India and University of Maryland, USA at India Habitat Centre, New Delhi, India on 13-14 January, 2018.
- Presented a paper entitled “Metta a pathway to Global Peace”, at the 17th Annual conference of Indian Society for Buddhist Studies, 2017.

**Ms. Monika Tyagi, Assistant Professor**

- Guided the participants as resource person in Faculty Development Programme on Recent Trends in Applied Science Teaching (FDP-RTAST) held on 21-27 July, 2017 at SRCASW.
- Presented an oral paper on Dynamical Solutions of the non-linear vibration of single walled carbon nanotube embedded in viscous elastic matrix using Krylov Bogoliubov and Mitropolsky method in International conference on Nanotechnology : Ideas Innovation and Initiatives 2017 (ICN:3I-2017) at IIT Roorkee held on 8 December, 2017.
- Presented a poster presentation on Resonant and Non-Resonant solutions of the non-linear vibration of SWCNTs embedded in viscous elastic matrix using KBM method in International workshop on Physics of Semiconductor Devices (IWPSD 2017) at IIT Delhi held on 14 December, 2017.
- Delivered a lecture as a Resource Person in National Para-Teaching Staff Skill Enhancement Workshop held on 15-21 December, 2017 at SRCASW.
- The paper titled “The Resonant and Non-Resonant solutions of the non-linear vibration of SWCNTs embedded in viscous elastic matrix using KBM method” is accepted to be published in Springer Proceedings of Physics.
- Attended a FDP on “Mathematica” at Hansraj College, University of Delhi.

**Ms. Sonia Ahlawat, Assistant Professor**

- Guided the participants as resource person in Faculty Development Programme on Recent Trends in Applied Science Teaching (FDP-RTAST) held on 21-27 July, 2017 at SRCASW.











- Delivered a lecture as a Resource Person in National Para-Teaching Staff Skill Enhancement Workshop held on 15-21 December, 2017 at SRCASW.
- Organised a four-day Hands-on Workshop as Co-Convenor on Virtual Instrumentation with Lab view and IOT using Raspberry pi in collaboration with Abdul Kalam Research Centre, Maharaja Agrasen College 3-7 January, 2018.

**Dr. Neha Katyal, Assistant Professor**

- Guided the participants as Resource Person in Faculty Development Programme on Recent Trends in Applied Science Teaching (FDP-RTAST) held on 21-27 July, 2017 at SRCASW.
- Attended DST sponsored Third Lecture Workshop on Trans-disciplinary Areas of Research and Teaching by Shanti Swaroop Bhatnagar Awardees organised by Science Foundation, Deen Dayal Upadhyaya College, University of Delhi on 15-16 September, 2017.

**Ms. Surbhi Aggarwal, Assistant Professor**

- Delivered a lecture as a Resource Person in National Para-Teaching Staff Skill Enhancement Workshop held on 15-21 December, 2017 at SRCASW.

**Mr. Deepak Jaiswal, Assistant Professor**

- Delivered a lecture as a Resource Person in National Para-Teaching Staff Skill Enhancement Workshop held on 15-21 December, 2017 at SRCASW.
- Organised a four-day Hands-on workshop as Co-Convenor on Virtual Instrumentation with Lab view and IOT using Raspberry pi in collaboration with Abdul Kalam Research Centre, Maharaja Agrasen College 3-7 January, 2018.
- Attended a Workshop on VLSI Current Trends Using Mentor Graphics & Xilinx organised by Department of Electronics Science, South Campus and CoreEL Technologies held on 21-22 March, 2018.

**Department of Food Technology**

**Dr. Ranjana Singh, Associate Professor**

- Co-authored a research paper on “Assessment of anti-diabetic and anti-oxidant activity of *Murraya koenigii* extracts using in-vitro assays” in Journal of Biomedical and Therapeutic Sciences 2018.
- Was instrumental in support to achieve the approval of Technology Business Incubator (TBI) in college by MSME, Govt of India.
- Guided the New Product Development to final year students. Developed Bittergourd chips,

Lotus stem chips, Low calorie-high protein potato and sweet potato chips, High protein muffins, sapota jam and pizza base, beetroot-apple ice-cream.

**Ms. Para Dholakia, Assistant Professor**

- Attended 5-day Workshop on ‘Baking Science and Technology’ organised by Department of Flour Milling and Baking Technology, CFTRI from 12-16 June, 2017.
- Published a paper — Deepali Bajaj, Asha Yadav, Para Dholakia, Bhawna Jain, Deeksha Sharma, Diksha Tewari, Dinika Saxena, Disha Sahni, Preetanjali Ray 2017. Android based nutritional intake tracking application for hand-held systems, Conference Proceedings of 8th International Conference on computing, Communication And Networking Technology (ICCCNT) IEEE conference held in IIT Delhi, India on 3-5 July, 2017, Page 589-591, IEEE Catalog Number : CFP1752J-ART, ISBN: 978-1-5090-3038-5.
- Published a paper — Para Dholakia, Deepali Bajaj, Asha Yadav, Disha Gupta, Kaavya Raveendran, Lavika Singh and Mansi Manchanda 2017. Mobile application to track nutritional intake-a smart step towards nutritional security through m-health’, in the conference proceedings of World congress on Disease, Health and Society: Issues, challenge, 20th May, 2017, Page-15-19, ISBN No. 9789385822513, Krishi Sanskriti Publications, Delhi.
- Attended National Conference on Food Safety, Nutrition Security and Sustainability at Amity University on 26 September, 2017.
- Attended NFI technical orientation programme on ‘Assessment of Nutritional Status in Dual Malnutrition Burden Era’, at NAMS House on 6 October, 2017.

**Ms. Saumya Chaturvedi, Assistant Professor**

- Presented 2 posters in National Conference on Food Safety, Nutrition Security and Sustainability AMIFOST-2017 held on 26 September, 2017 at Amity University, Uttar Pradesh, Noida.
- Conducted 1-month interdisciplinary summer project (June-July, 2017) on “Physico-Chemical and microbiological analysis of various brands of Milk and health drinks”.
- Organised an outreach activity on “Basic food handling and storage” for housekeeping and college canteen staff.
- Participated in organising a two-day Hands-on workshop on “Wonders of Science” for school students of East Delhi region.

**Ms. Shikha Goel, Assistant Professor**

- Co-authored a research paper on “Assessment of anti-diabetic and anti-oxidant activity of

*Murraya koenigii* extracts using in-vitro assays” in Journal of Biomedical and Therapeutic Sciences 2018.

- Presented a poster and published abstract on “Fruit waste: Potential as a functional ingredient in foods” in AMIFOST-2017 National Conference on Food Safety, Nutrition Security and Sustainability organised on September 26, 2017 by Amity University, Noida and Association of Food Scientists and Technologists (India).
- Resource person and coordinator of two-day workshop entitled *Wonders of Science* for students of East Delhi School on 17-18 May, 2017 under the DBT Star College Scheme outreach activity.
- Guided nine mini projects on Food quality management of fifth semester students of FT.
- Attended International Conference and Exhibition in ‘World Food India 2017’ organised by Ministry of Food Processing and Industries, Government of India and Confederation of Indian Industries (CII) from 3-5 November, 2017 at New Delhi.

#### **Ms. Chaynika Verma, Assistant Professor**

- Presented poster on “Traditional Food — The Inheritance for Good Health” in National Conference on “Food Safety, Nutrition Security and Sustainability” held at Amity University, Noida on 26-27 October, 2017.
- Presented poster on “Street Foods — Safety and Potential” in National Conference on “Food Safety, Nutrition Security and Sustainability” held at Amity University, Noida on 26-27 October, 2017.

#### **Ms. Vandana, Assistant Professor**

- Published 2 abstracts in National Conference on Food Safety, Nutrition Security and Sustainability AMIFOST-2017 held on 26 September, 2017 at Amity University, Noida.
- Conducted 1-month interdisciplinary summer project (June-July, 2017) on “Physico-Chemical and microbiological analysis of various brands of Milk and health drinks”.
- Organised an outreach activity on “Basic Food handling and Storage” for housekeeping and college canteen staff.
- Participated in organizing a two-day Hands-on Workshop on “Wonders of Science” for school students of East Delhi region.

#### **Ms. Prabhjot Kaur Sabharwal, Assistant Professor**

- Kaur A., Sabharwal, “Preparation of edible coatings and to study their effect on shelf life of green vegetables”. International Journal of Basic and Applied Biology. 2017; 4(4).

- Poster presentation “Development and characterization of triclosan incorporated polyhydroxybutyrate-co-valerate biodegradable films for packaging applications.” In International Conference on Advances in Polymer Science & Technology on 23-25 November, 2017 held in New Delhi, India.
- Presented poster on “Street Foods — Safety and Potential” in National Conference on “Food Safety, Nutrition Security and Sustainability” held at Amity University, Noida on 26-27 October, 2017.
- Presented poster on “Traditional Food — The Inheritance for Good Health” in National Conference on “Food Safety, Nutrition Security and Sustainability” held at Amity University, Noida on 26-27 October, 2017.
- Delivered invited talk on “Soft Skills — Professional Need of the Hour” at Bhaskaracharya College of Applied Science, University of Delhi on 16 March, 2018

**Dr. Kulsum Jan, Assistant Professor**

- Published Research articles/reviews on :
  - § Khalid Bashir, Kulsum Jan, Manjeet Aggarwal. (2017). Thermo-rheological and functional properties of gamma irradiated whole wheat flour. *International Journal of Food Science and Technology*. 52,4, 927-935. (Impact Factor 1.64).
  - § K Jan, CS Riar, DC Saxena (2017). Characterization of agroindustrial byproducts and wastes for sustainable industrial application. *Journal of Food measurement and characterization*. 11,3, 1254–1265. (Impact Factor 0.536).
  - § M.s. beg, Sameer Ahmad, Kulsum Jan, Khalid Bashir. (2017). Status supply chain and processing of cocoa- A review. *Trends in Food Science and Technology* .66, 106-108. (Impact Factor 5.191).
  - § Ruchi Verma, Shumaila Jan, Savita Rani, Kulsum Jan, Tanya L. Swer, Kumar S. Prakash, M. Z. Dar, Khalid Bashir. (2018). Physicochemical and functional properties of gamma irradiated buckwheat and potato starch. *Radiation Physics and Chemistry*. 144:37-42. (ISSN: 0969-806X). (Impact Factor 1.315).
  - § M Zuhaib Dar, Km Deepika, Kulsum Jan, Tanya L Swer, Pradeep Kumar, Ruchi Verma, Kush Verma, Kumar S Prakash, Shumaila Jan, Khalid Bashir. (2017). Modification of structure and physicochemical properties of buckwheat and oat starch by  $\gamma$ -irradiation. *International Journal of Biological Macromolecules*. (ISSN: 0141-8130). (Impact Factor 3.671).
  - § Pradeep Kumar, Kumar S. Prakash, Kulsum Jan, Tanya L. Swer, Shumaila Jan, Ruchi Verma, Km Deepika, M. Zuhaib Dar, Kush Verma, Khalid Bashir. Effects of gamma irradiation on starch granule structure and physicochemical properties of brown rice starch. *Journal of Cereal Science*, 77 (2017) 194-200. (Impact Factor 2.223).
  - § Published Book chapter: Kulsum Jan, Khalid Bashir, Shumaila Jan, D.C Saxena. 2018. Utilization of agro-industrial wastes (banana peel): Development, characterization and classification of biodegradable pots using PCA approach. *Polymer Rheolog*. Inpress.

## **Department of Instrumentation**

### **Dr. Daya Bhardwaj, Assistant Professor**

- Attended DBT Star College Scheme 7th Expert-cum-Coordinators meet held on 11-12 April, 2017 at Doaba College, Jalandhar.
- Coordinated the Workshop entitled “*Wonders of Science*” for students of East Delhi School on 17-18 May, 2017 under the DBT Star College Scheme outreach activity.
- Worked as an active member of the organising committee and Resource Person of UGC and DBT Sponsored, 7-Day faculty development program on Recent Trends in Applied Science Teaching (FDP-RTAST’2017) held during 21-27 July, 2017 in Shaheed Rajguru College of Applied Sciences for Women, Delhi University, India.
- Participated in the STEM Teacher Training Workshop on Research based Pedagogical Tool held from 6-9 October, 2017 at Pt. Ravishankar Shukla University, Raipur organised by MHRD, DBT, Govt. of India, ISER Pune, Newton Bhabha Fund of British council and Centre for Science Education Sheffield Hallam University, UK.
- Coordinated UGC and DBT Sponsored, National Para-teaching Staff Skill Enhancement Workshop (PTSSEW 2017) held during 15-21 December, 2017 in Shaheed Rajguru College of Applied Sciences for Women, Delhi University, India.
- Organised one day workshop on PFMS-EAT module for the college faculty and staff under DBT star college scheme on 24 January, 2018.
- Supervised five-week internship training program for M.Sc. (Forensic Science) students on various analytical techniques and instruments from January 17-24 February, 2018.

### **Dr. Sneha Kabra, Assistant Professor**

- Elevated to Senior Member of Institute of Electrical and Electronics Engineers (IEEE), USA.
- Elected as secretary IEEE Electron Device society, Delhi Chapter and Joint Secretary of IEEE Delhi Section, Women in Engineering Affinity Group for the year 2018.
- Published paper entitled “Analytical Modeling of Gate-All-Around Junctionless Transistor based Biosensor for Detection of Neutral Biomolecule Species”, Yogesh Pratap, M. Kumar, SnehaKabra, S. Haldar, R. S. Gupta and Mridula Gupta. Journal of Computational Electronics, Vol-17, no-1, PP- 288-296, Year 2017 (Springer).
- Member of Organizing Committee in workshop entitled “*Wonders of Science*” for students of East Delhi School on 17-18 May, 2017 under the DBT Star College Scheme outreach activity.

- Attended and organised One day SILVACO TCAD training organised by IEEE EDS Delhi Chapter and SRCASW in association with Cognitive Design Technology, Bangalore, at SRCASW on 14 July, 2017.
- Attended one day workshop on “*Modeling & Simulation Techniques for Advance Semiconductor Devices*” organised by IEEE-EDS Delhi Chapter in association with Tech Next Lab Private Limited, Lucknow on 18 July, 2017 at UDSC.
- Attended IEEE-EDS Distinguished Lecturer Talk On Statistical analysis of Reliability test data by Prof. Cher Ming Tan, *Chang Gung University* on 11 August, 2017 at UDSC.
- Attended one-day National Seminar on Recent Advances and Challenges Faced in GaN HEMT organised by IEEE Chandigarh Subsection and Punjab Engineering College, Chandigarh on 19 August, 2017.
- Attended and organised Invited talk on “Evolution of Electronics” by Prof. R.S. Gupta on 26 October, 2017 at SRCASW.
- Attended and organised mini Colloquia on Insights of Emerging Nanoscale Research Devices on 11 December, 2017 at MAIT, Indraprastha University.
- Member of Organising Committee of UGC and DBT Sponsored, National Para-teaching Staff Skill Enhancement Workshop (PTSSEW 2017) held during 15-21 December, 2017 in Shaheed Rajguru College of Applied Sciences for Women, Delhi University, India.
- Attended National Conference on *Technological Empowerment of Women* organised by National academy of Sciences, India held on 8-9 March, 2018 at Vigyan Bhawan, Delhi.
- Presented paper entitled “Performance analysis of metalloid source/ drain GaAs FinFET for analog/RF applications” at IEEE 4th International Conference on circuits, devices and systems organised by Karunya University, Coimbatore from 16-17 March, 2018. It was co-authored by Yogesh Pratap, Reshma Sinha, Praveen Pal, Sarul Malik and Sneha Kabra.
- Attended Workshop on VLSI Current Trends Using Mentor Graphics & Xilinx on 21-22 March, 2018 at Department of Electronics Science, UDSC. It was organised by IEEE Electron Devices Society Delhi Chapter, in collaboration with Department of Electronic Science, University of Delhi South Campus and Core EL technologies.
- Co-Supervised M.tech Dissertation entitled "Amalagation of Graphene with efficient semiconductor materials for improving the efficiency of GaAs Schottky Junction field effect solar cell' by Pragati Tripathi, M.Tech ( Electrical engineering , with the specialization in Power Electronics and Drive) Gautam Buddha University.
- Co-Supervised M.tech Dissertation entitled "Four junction solar cell optimization with compositionally graded buffer to GaAs substrate using Silvaco ATLAS" by Urvashi

Sharma, M.Tech ( Electrical engineering , with the specialization in Power Electronics and Drive)Gautam Buddha University.

**Ms. Neha Garg, Assistant Professor**

- Organised a three-day workshop on “Multisim software” from 7-9 June, 2017 in Shaheed Rajguru college of Applied Sciences for Women.
- Member of Organising Committee in Workshop entitled “Wonders of Science” for students of East Delhi School on 17-18 May, 2017 under the DBT Star College Scheme outreach activity.
- Attended one-day Silvaco TCAD training organised by IEEE EDS Delhi Chapter and SRCASW in association with Cognitive Design Technology, Bangalore, at SRCASW on 14 July, 2017.
- Visited THSTI on their open day on 22 September, 2017 along with students.
- Member of Organising Committee, as Resource Person in National Para-Teaching Staff Skill Enhancement Workshop (PTSSEW 2017).
- Tina Sachdeva, Aakanksha, Neha Garg, Shivani Digari, Himani Kaira, Shivani Tiwary, Dolly, Neerajpreet Kaur, Bhavna Goel, Priya Naib, Chhavi Jain, Shivani Jain, Shreya Rajan “Designing of an application for group based coordination for information exchange in Ad-hoc nNetworks”, Computing and Communication Technologies for Smart Nation (IC3TSN), 2017 International Conference on 12-14 October, 2017.

**Ms. Himani Dua, Assistant Professor**

- Organised a three-day workshop on “Multisim software” from 7-9 June, 2017 in Shaheed Rajguru college of Applied Sciences for Women.
- Member of Organising Committee in workshop entitled “Wonders of Science” for students of East Delhi School on 17-18 May, 2017 under the DBT Star College Scheme outreach activity.
- Attended one-day Silvaco TCAD training organised by IEEE EDS Delhi Chapter and SRCASW in association with Cognitive Design Technology, Bangalore at SRCASW on 14 July, 2017.
- Completed two projects on Metal Detector using diode and transistor and Laser Security System with students in June-July, 2017.
- Member of Organising Committee and a Resource Person in National Para-Teaching Staff Skill Enhancement Workshop (PTSSEW 2017).

### **Ms. Sonal Singh, Assistant Professor**

- Awarded Ph.D in Electronics. Thesis entitled “Photocatalytic and photo-electrochemical property of Zinc Oxide and Bismuth Vanadate for pollutant degradation and water splitting applications” from University of Petroleum & Energy Studies, Dehradun.
- Worked as an active Member of the Organising Committee and Resource Person of UGC and DBT Sponsored, National Para-teaching staff Skill Enhancement Workshop (PTSSEW 2017) held during 15-21 December, 2017 in Shaheed Rajguru College of Applied Sciences for Women, Delhi University, India.
- Attended and presented poster titled “Nitrogen-doped ZnO coupled with BiVO<sub>4</sub> with high Zn interstitial defects and enhanced surface area for enhanced photocatalytic dye degradation activity” at 4th International Conference on Nanoscience and Nanotechnology (ICONN-2017) held at SRM University, Chennai during 9-11 August, 2017.
- Sonal Singh, Aakansha Ruhela, Sanju Rani, Manika Khanuja and Rishabh Sharma, Concentration specific and tunable photoresponse of bismuth vanadate functionalized hexagonal ZnO nanocrystals based photoanodes for photoelectrochemical application, *Solid State Sciences*, Elsevier, 76, 48-56, 2018.

### **Dr. Yogesh Pratap, Assistant Professor**

- Elected as Executive committee Member, IEEE Electron Device Society, Delhi Chapter for year 2018.
- Published paper entitled “Analytical Modeling of Gate-All-Around Junctionless Transistor based Biosensor for Detection of Neutral Biomolecule Species”, Yogesh Pratap, M. Kumar, SnehaKabra, S. Haldar, R. S. Gupta and Mridula Gupta. *Journal of Computational Electronics*, Vol-17, no-1, PP- 288-296, Year 2017 (Springer).
- Published paper entitled “Cylindrical Gate All Around Schottky Barrier MOSFET with Insulated Shallow Extensions at Source/Drain for Removal of Ambipolarity: A Novel Approach.” By M. Kumar, Yogesh Pratap, S. Haldar, R. S. Gupta and Mridula Gupta. *Journal of Semiconductor*, Vol-38, no-12, PP- 124002-08, Year 2017.
- Attended One day Silvaco TCAD training organised by IEEE EDS Delhi Chapter and SRCASW in association with Cognitive Design Technology, Bangalore, at SRCASW on 14 July, 2017.
- Member of Organizing Committee in workshop entitled “Wonders of Science” for students of East Delhi School on 17-18 May, 2017 under the DBT Star College Scheme outreach activity.
- Published paper entitled “Performance Analysis of Metalloid source/ drain GaAs-finfet for analog/RF applications,” by Yogesh Pratap, P. Pal, S. Malik, and S. Kabra,



ICDCS International conference, held at Karunya University, Kerala from 15-17 March, 2018.

- Attended Workshop on VLSI Current Trends using Mentor Graphics & Xilinx on 21-22 March, 2018 at Department of Electronics Science, UDSC. It was organised by IEEE Electron Devices Society Delhi Chapter, in collaboration with Department of Electronic Science, University of Delhi South Campus and Core EL Technologies.
- Completed two projects on Home Automation using Bluetooth and Electronic Voting Machin with students in April, 2018.

#### **Ms. Sarul Malik, Assistant Professor**

- Awarded 3rd best oral presentation award at SYSCON 2017-2018, National Conference of the Society of Young Scientist (R), AIIMS, New Delhi held on 11-12 January, 2018 at JLN Auditorium, AIIMS, India.
- Attended and presented poster titled “Non Invasive Platform to Estimate Fasting Blood Glucose using Salivary Electrochemical Parameters” at National Science Day 2018 held on 28 February, 2017 at Indian National Science Academy, Delhi.
- Attended and orally presented titled “Blood glucose estimation using saliva as a non-invasive bio fluid” at SYSCON 2017-2018, National conference of the Society of Young Scientist (R), AIIMS, New Delhi held on 11-12 January, 2018 at JLN Auditorium, AIIMS, India.
- Attended and presented poster titled “Non Invasive Platform to Estimate Fasting Blood Glucose using Saliva” at IIT Delhi’s Industry day under the theme of Affordable Healthcare held on 23 September, 2017 at Indian institute of Technology, Delhi.
- Yogesh Pratap, Sachin Kumar, Reshma Sinha, Parveen Pal, Sarul Malik and Sneha Kabra (2018), “Performance analysis of Metalloid Source/ Drain GaAs-FinFET for Analogy/RF Applications” in IEEE ICDCS 18 International Conference on Devices, Circuits and Systems, held on 17-18, March, 2018 at Coimbatore, India. (In Press).
- Worked as an active Member of the Organizing Committee of UGC and DBT Sponsored, National Para-Teaching Staff Skill Enhancement Workshop (PTSSEW 2017) held during 15-21 December, 2017 in Shaheed Rajguru College of Applied Sciences for Women, Delhi University, India.

#### **Ms. Reshma Sinha, Assistant Professor**

- Worked as an active Member of the Organising Committee of UGC and DBT Sponsored, National Para-Teaching Staff Skill Enhancement Workshop (PTSSEW-2017) held during 15-21 December, 2017 in Shaheed Rajguru College of Applied Sciences for Women, Delhi University, India.

- Member of Organising Committee in Workshop entitled “Wonders of Science” for students of East Delhi School on 17-18 May, 2017 under the DBT Star College Scheme outreach activity.
- Yogesh Pratap, Sachin Kumar, Reshma Sinha, Parveen Pal, Sarul Malik and Sneha Kabra (2018), “Performance Analysis of Metalloid Source/Drain GaAs-FinFET for Analogy/RF Applications” in IEEE ICDCS 18 International Conference on Devices, Circuits and Systems, held on 17-18 March, 2018 at Coimbatore, India. (In Press).
- Attended one-day SilvacoTCAD training organised by IEEE EDS Delhi Chapter and SRCASW in association with Cognitive Design Technology, Bangalore, at SRCASW on 14 July, 2017.
- Organised a three-day workshop on “Multisim software” from 7-9 June, 2017 in Shaheed Rajguru College of Applied Sciences for Women.
- Completed project on Electronic Voting Machin with students in April, 2018. Department of Management Studies.

**Ms. Sanjana Monga, Assistant Professor**

- Paper presentation Title — Impact of Activity Based Costing Technique and ABCM on various managerial decisions, International conference on Advances in Management and decision Sciences, Gautam Buddha University, Noida, 30-31 December, 2017.
- Paper Presentation Title — Urban Resilience and Climate Change, National Conference on Disaster Management, Aditi Mahavidyalaya, DU, 26 March, 2018.

**Ms. Yuthika Agarwal, Assistant professor**

- Published Research Paper ‘Water Sustainability in India’ in the Journal, ‘The Horizon, A Journal of Social Science’ with ISSN-0975-5535, 2017.
- Published Chapter, ‘Demonetisation : The strategy for a corruption free and transparent ecosystem’ in book entitled, ‘Demonetisation: Dharma Yuddha. For a better tomorrow’ with ISBN 978-93-5080-099-7, 2017.
- Published Chapter, ‘Public Sector Enterprises : Twenty-Five Years of Reforms vis-a-vis Disinvestment’ in book entitled, ‘The Future of Indian Economy : Post Reforms and Challenges Ahead’ ISBN: 978-81-291-4806-3, 2017.
- Published Chapter, ‘Sanitation as an adaptation to mitigate climate change’ in book entitled, ‘Climate Change : Perspectives and Challenges in 21st Century’ with ISBN: 978-93-5171-094-3 and presented it at a National Seminar on, ‘Adaptation and implementation of Paris agreement: National initiatives towards climate change mission’ by Shaheed Bhagat Singh Evening College (DU), 2017.

- Participated in seven-day Workshop for teachers on ‘Contemporary Themes in India’s Economic Development and the Economic Survey’ by Chief Economic Advisor (Arvind Subramanian) with MHRD 11-17 June, 2017.
- Participated in National Economic Conclave organised by India Policy Foundation 2017, Seminar on, ‘Charon Or Pani, Phir Bhi Bharat Pyasa Kyoun’ by Jaladhikar Foundation 2017 and ‘Swayam Siddha : Women in New India Conclave’ 2018.
- Worked for installing two Sanitary Napkin Vending Machines, one in the academic block and other in the hostel under Mission AAA — Awareness, Availability and Affordability of Sanitary Napkins by C.S.R. Research Foundation on 26 September, 2017.
- College Co-ordinator for ‘Young India Know Thyself : A Leadership Development Programme’ including quiz, orientation and camp by Vivekananda Kendra, 2017-2018. 46 students participated from college. And organised orientation in college with participation from other colleges of Delhi University on 14 October, 2017.
- 14th National Youth Parliament Competition was organised on 15 September, 2017 in the college.
- Organised visit to the Parliament House to witness the prize distribution ceremony of 13th National Youth Parliament Competition, Delhi on 20 September, 2017.
- Organised the First annual Management Fest ‘IIDAIRA’ and first departmental trip.
- Accompanied students in the session on ‘India and Germany — Ideas and Perspectives’ by Mr. Frank-Walter Steinmeier (President, Federal Republic of Germany) at North campus (DU) on 23 March, 2018.
- Coordinated students participation for one-year certification course — “CLICK” (Certificate in Leadership Insights and Comprehensive Outlook) by Chinmaya Yuva Kendra, Noida which included series of workshops on Goal Setting, Power of Communication, Power of Concentration, Self Inspired Personality, Time Management, Power of Attitude, Patriotism, Movie Workshop, Experiential Learning etc. through the academic year 2017-18.
- Organised various talks in college like, ‘Adolescent women health and hygiene Awareness Program’, ‘Relevance of Ethics in modern life’, ‘Better Than Normal’ etc.
- Participated in a workshop on 'Water: An Element of Life' by Gandhi Smriti and Darshan Samiti and Jaladhikar Foundation on 14th April, 2018 at Satyagrah Mandap, Rajghat, New Delhi.

## **Department of Mathematics**

### **Dr. Punita Saxena, Associate Professor**

- Presented a paper entitled, “ Benchmarking State Road Transport Undertakings of India: A DEA-based stepwise approach” in the 9th International Conference on Applied

Operational Research, held at Chung Yuan Christian University, TAIWAN from 18-20 December, 2017. The same was published in the conference proceedings.

- Convenor for Physical Sciences stream in *7-Day Faculty Development Programme on Recent Trends in Applied Science technology (FDA-RTAST)* organised by Shaheed Rajguru College of Applied Sciences for Women, 21-27 July, 2017.

**Dr. Shalu Sharma, Assistant Professor**

- Delivered a talk entitled “Near Exact Operator Banach Frames” in International workshop on Wavelets, Frames and Applications III, held at Kirori Mal College, University of Delhi, Delhi from 14-20 December, 2017.
- Attended National Conference “On Advances in Applied Mathematics and Statistics-2017” held at Mata Sundari College for Women, University of Delhi, Delhi, from 7-8 September, 2017.
- Attended one-day Workshop on PFMS-EAT organised by Shaheed Rajguru College of Applied Sciences under DBT Star Scheme on 24 January, 2018.

**Dr. Ritika Chopra, Assistant Professor**

- Awarded Ph.D. from the Department of Mathematics, Faculty of Mathematical Sciences, University of Delhi, Delhi on the topic, “Possibilistic, Intuitionistic and Fuzzy Multi-objective Linear Programming Problems”.
- Published papers :
  - § Chopra, R. and Saxena, R.R, 2017, “Solving Fuzzy Linear Programming Problems with Bell-shaped membership functions”, *The Journal of Fuzzy Mathematics*, 25 (4), pp. 795-804.
  - § Chopra, R. and Saxena, R.R, 2017, “An application of Matrix games with Trapezoidal Intuitionistic fuzzy pay-offs transportation problem”, Conference Proceedings, 9th International Conference on Applied Operational Research, Taiwan held from December 18-20, 2017.

**Ms. Raksha Verma, Assistant Professor**

- Published papers :
  - § Verma R., Parihar R. S., Das S., (2017). A Generalized Framework for Multi Up-gradation Software Reliability Growth Model. *CDQM — An International Journal*, 20 (1), 5-15.
  - § Verma R., Parihar R. S., Das S., (2017). Multi-Up gradation Software Reliability Growth Model considering the joint effect of Testing and Operational phase. *International Journal of Computer Applications (0975 -8887)*, 172(5), 25-30.

- Presented a paper entitled “Quantitative assessment of software reliability” in 3rd International Conference on Emerging Trends in Engineering and Management Research held at IETE, Pune on 30 July, 2017.
- Presented a paper entitled “software reliability and multi up-gradation modeling” in 2nd International conference on Recent Research Development in Environment, Social sciences and Humanities held at IFUNA, New Delhi on 6 August, 2017.
- Attended a Conference on “Dream Realization of Swachh Bharat Abhiyan through Innovative and Smart Technologies for Waste Management and Pollution Control” held at Sunrise University, Alwar, Rajasthan, from 16-17 December, 2017.

#### **Dr. Minakshi Dhamija, Assistant Professor**

- Published papers :
  - § Dhamija M. and Deo N., Approximation by generalized positive linear Kantorovich operators, *Filomat*, 31:14, (2017) 4353-4368.
  - § Dhamija M., Pratap R. and Deo N., Approximation by Kantorovich form of modified Szasz-Mirakyan operators, *Appl. Math. Comput. (Elsevier)*, Vol. 317, (2018), 109–120.
  - § Deo, N. and Dhamija, M., Generalized Positive Linear Operators Based on PED and IPED, *Iran. J Sci Technol Trans Sci (Springer)* (2018). <https://doi.org/10.1007/s40995-017-0477-5>.
  - § Deo, N. and Dhamija, M., Charlier–Szász–Durrmeyer type positive linear operators, *Afr. Mat. (Springer)*, Vol. 29,(2018), 223-232.

#### **Ms. Tanvi, Assistant Professor**

- Awarded M.Phil. in Mathematics, from Department of Mathematics, University of Delhi, Delhi. on the topic “Mathematical Modelling and Stability Analysis OF HIV-TB Co-infection”.
- Presented a paper entitled “Dynamics of HIV/AIDS and TB Co-infection with Holling Type-II Treatment Rate” in an International conference on Mathematical Modeling and Computations in Biosystems held at IIT Roorkee, India, from 12-14 March, 2018.
- Attended a Research Scholar Seminar and Annual Conference of the Society of Mathematical Sciences in University of Delhi from 1-2 May, 2017.

#### **Department of Biology and Microbiology**

#### **Dr. Rekha Mehrotra, Associate Professor**

- Resource Person in Faculty Development Programme (FDP) on “Plant Tissue Culture”.

## **Department of Physics**

### **Dr. Alka Vohra Kuanr, Associate Professor**

- Member of the Organising Committee for 7-day Faculty Development Programme on “Recent Trends in Applied Science Teaching” (FDP-RTAST-2017) organised by SRCASW from 21-27 July, 2017.
- Program Convenor for UGC and DBT sponsored National Para-Teaching Staff Skill Enhancement Workshop from 15-21 December, 2017 organised at Shaheed Rajguru College of Applied Science of Women.
- Attended five-day Workshop on Vigilance Matters including Disciplinary Proceedings from 8-12 January, 2018 conducted by Directorate of Training Union Territories Civil Services, Govt. of N.C.T of Delhi.

### **Dr. Manoj Kumar Jaiswal, Assistant Professor**

- Organising Member of “One-week National Para-teaching Staff Skill Enhancement Workshop (PTSSEW 2017)”.

### **Dr. Ashok Kumar, Assistant Professor**

- Presented paper “Effects of UV irradiation on fission-fragment track parameters in Makrofol-E” in International Conference on High Energy Radiation and Applications (ICHERA 2017) held from 10th-13th October 2017 at M.S. University of Baroda Vadodara-390002, Gujarat, India.
- Organising Member of “One-week National Para-teaching Staff Skill Enhancement Workshop (PTSSEW 2017)”.

### **Dr. Rashmi Verma, Assistant Professor**

- Organising Member of “One-week National Para-teaching Staff Skill Enhancement Workshop (PTSSEW 2017)”.

### **Dr. Vartika Gupta, Assistant Professor**

- Organising Member of “One-week National Para-teaching Staff Skill Enhancement Workshop (PTSSEW 2017)”.
- Awarded Ph.D. in March 2018.

## **Department of Psychology**

### **Dr. Shivani Vij, Assistant Professor**

- Book Authored : Woolfolk Anita & Vij Shivani (2017). *Educational Psychology*. Pearson Education (ISBN: 978-93-3258-669-7).

- Chapter in Book : Babu, N., Hossain, Z., Morales, J.E. & Vij, S. (2017). Grandparents in Bangladesh, India and Pakistan: A Way Forward with Traditions and Changes in South Asia. In D.W. Shwalb & Z. Hossain (Eds.). *Grandparents in Cultural Context*. New York Londonk Routledge, Taylor & Francis Group.
- Organised and Coordinated “Better Than Normal” a motivational talk by Hitesh Ramchandani, on 23 August, 2017 at Shaheed Rajguru College of Applied Sciences for Women, University of Delhi.
- Organising Committee Member for UGC and DBT sponsored National Para Teaching staff Skill Enhancement Workshop (15-21 December, 2017) organised by Shaheed Rajguru College of Applied Sciences for Women, University of Delhi.
- Successfully organised Workshops on Music Therapy and Art Therapy in Shaheed Rajguru College of Applied Sciences for Women.
- Successfully organised 7-day long Mental Health Awareness Week in Shaheed Rajguru College of Applied Sciences for Women.
- Organised interactive sessions on Suicide Prevention Awareness, Stress Management and Dealing with Failure Shaheed Rajguru College of Applied Sciences for Women.
- Successfully organised First Annual Academic Festival of Psychology Department.
- Attended Swayam Siddha : Women Conclave on 21 March, 2018.

## **Department of Physical Education**

### **Dr. Bimla Pawar**

- Presented a Paper titled ‘Energy Drinks & Sports Performance’, in the International Conference on Issues & New Ideas in Sports Management organised by Lakshmibai National Institute of Physical Education, Gwalior (M.P) on 8-10 March, 2018 at Vishwa Yuvak Kendra, New Delhi.
- Presented a Paper titled ‘Nutrition & Sports Performance’, in the 4th National Conference on Physical Education & Sports Sciences (Under the Aegis of Ministry of Youth Affairs & Sports) jointly organised by Sports Authority of India & Foundation of Physical Education of India on 9-10 February, 2018 at Convention Centre, NDMC, Sansad Marg, New Delhi.
- Published a Research Paper in Research Journal of Social & Life Sciences on “Arousal and Its Relevance for Sports Performance” Vol. XXIII-II, Dec. 2017 pp-179-182, ISSN-0973-3914.
- Felicitated by Women’s Agency for Generating Employment for Women’s Education and Empowerment on 8 March, 2018 at India International Centre on the occasion of World Women Summit.

## **Dr. Projes Roy, Librarian**

- Invited talk at International Conference on “Information Communication in Digital Era: Present Scenario and Future Perspectives (ICICDEPSFP-2018) on 24-25 February, 2018, Aggrawal College, Ballavgarh, Harayana.
- Invited lecture on National Workshop on “Open Source Software Koha: Training and Certification” on 16 December, 2017 at Raj Kumar Goel Institute of Technology, Ghaziabad, U.P.
- Invited lecture for State Council of Educational Research and Training (SCERT), Delhi training programme for school librarians on 6-7 July, 2017 at Rajkiya Pratibha Vikas Vidyalaya, Lajpat Nagar, New Delhi.
- Invited lecture for NCCDLSE-2018 National Conference on “Changing Digital Landscape in SMART Environment” on 9 February, 2018 at Anasal University, Gurugram, Haryana.
- Paper presented at for NCCDLSE-2018 National Conference on “Changing Digital Landscape in SMART Environment” on 8 February, 2018 at Anasal University, Gurugram, Haryana. The paper entitled “NFC and RFID Interoperability : Challenges and Opportunity in Libraries”.
- Support extended to Hansraj College, University of Delhi, for NAAC visit, trained staff and design effective library service for the academic community in the college.
- Attended training programme on “Roster writing and Reservation in Services Govt. Policy for SCs, STs, OBCs and Physically Handicapped & Recruitment Rules in Government Departments, Autonomous Bodies & PSUs” on 19-21 April, 2017 at Leh, Jammu & Kshmir.
- Participated in training program on “Interpersonal Skill Art of Communication” at Directorate of training: Union Territories Civil Services, Delhi from 4-5 January, 2018.
- Initiated three-year teacher exchange program through Erasmus along with the Silesian University, Faculty of Philosophy and Sciences in Opava, Czech Republic.

## **Extra Curricular Activities**

### **Eco Club**

The Eco Club of our college symbolises love and responsibility to nature. Through the society, members of the college community, including students from all courses, faculty and non teaching staff come together to voice their common environmental concerns. To fulfill the above objectives several activities were undertaken in the current year :

- Best out of waste articles;
- Innovative note pads made from waste paper;



- Wall art;
- Poster making depicting environmental issues;
- Herbal remedies;
- Shopping bags from waste material; and
- Eco jewellery.

Eco Day was also celebrated to further highlight the significance of clean environment wherein following activities were carried out :

- Environmental Quiz;
- Debate;
- Slogan Writing;
- Herbal Preparation; and
- Herbal Rangoli.

### **Entrepreneurship Development Cell**

**Intropreneur** — An introduction session was organised on 13 August, 2017. The students were enlightened about entrepreneurship, basics of entrepreneurship and how they can pursue it. The session was conducted by Mr. Piyush Agarwal, CEO of Superprofs. The session was accompanied by enrollment drive for the formation of a new team for the session 2017-2018.

**Two Talk Series :** It was organised on 31 October, 2017 from 11:00 a.m. to 1:00 p.m. for the students of Food Technology and Management Studies.

- The first talk was on “Entrepreneurship Skills While Learning” was conducted by a group from Network 21. The talk was conducted by Ms. Pooja Avasthi, who is a Nutritionist by profession from Network. The talk highlighted all the qualities that an entrepreneur should possess and made all the students familiar with the challenges they face. The talk concluded after providing the information about the second phase where the actual program of the model was rolled out for the interested students.
- The second talk was based on the topic “Study Abroad” which was conducted by Mr. Neel Panicker from the TIME Education group. He mentioned all about G-MAT exams and solved all the queries regarding that. He mentioned about the Question paper distribution, eligibility criterion, expenditure and expenses, and all the countries where the G-MAT score is accepted. Above all, he gave tips and tricks that would help for attempting of question paper. The talk was very much appreciated by students as it provided all the information about foreign education in a nutshell.

### **A 3-Day Workshop on Entrepreneurship Awareness Camp**

It was conducted by NIESBUD, MSDE. Day 1 was occupied by a very interesting and interactive talk by Mr. Rajesh Kashyap, who talked about entrepreneurship and also helped the students assess their personality and helped them find their strengths and weaknesses. Many small activities were also arranged to check and improve the essential qualities in a

human being for a successful life. The students were highly motivated by the talk. Towards the end, Mr. Chandrashekhar told the students about different financial assistance for inaugurating enterprises.

### **Robotics Club**

- Seminar on Artificial Intelligence by CETPA on 17 January, 2018 — The Seminar was attended by 42 students from Instrumentation, Electronics, Physics, Computer Science and Statistics Department.
- An event was organised in Karvaan'18 on 13 March, 2018, wherein 3 teams from Maharaja Agrasen College and Indraprastha Engineering College participated in teams of 3-5 students each.

### **Women Development Cell**

- Organised a talk on Cervical Cancer on 29 January, 2018 for spreading awareness among students and faculty members of the college. The guest of honour for the event was Dr. Satinder Kaur, Consultant, Gynaecologic Oncology in Dharmshilla Naraina Superspeciality Hospital.
- To promote the idea of self empowerment, the NSS Unit and Women Development Cell of College collaborated together to conduct self-defense classes for the girl students of the college. Mrs. Puja was invited as the trainer and she conducted the session from 7-23 February, 2018 in the college playground. Over the duration of two weeks, 50-70 girls learned techniques for dealing with both physical and physiological situations.
- An interactive session with 'Oxycare' was organised on 19 February, 2018. The session was addressed by Ms. Pooja Jaiswal, representative of the organisation 'Oxycare' for promoting the healthcare of women and children.
- Organised an interactive session with Mrs Swati Malival, Chief of Delhi Commission for women organisation on 27 February, 2018. In this session, she talked about women empowerment, sexual harassment against women and her protest for rape victims. More than 200 students came for this session and many of them cleared their doubts regarding women related issues from her.

### **National Service Scheme (NSS)**

Throughout the year many activities are actively carried out, like educating underprivileged kids from nearby slum areas (Dallupura and Kondli), composting, Old Age Home Visit, Orphanage Visit, Collection Drives (Clothes and stationary Collection), Slum adoption, Cleanliness Drive, Road Safety activities, Women upliftment related activities etc. The NSS volunteers also organise various camps like Eye check-up camp, Blood Donation Camp, Health Issues related Camps, Self Defense Training Camp etc. and organise various rallies on social topics.

Following is the Annual Report of the College NSS Society listing different activities that were organised in the academic session (2017-18) :

**International Yoga Day :** It was celebrated in the college campus on 21 June, 2017 to bring awareness about health benefits of Yoga. Students and staff members enthusiastically took part in the yoga session. NSS volunteers from the college also participated in Mass Yoga Demonstration at the University.

**International Youth Day :** International Youth Day was celebrated on 12 August, 2017 to recognise efforts of the world's youth in enhancing global society. It also aims to promote ways to engage them in becoming more actively involved in making positive contributions to their communities. Slogan, poster making competition and a talk on HIV/AIDS were organised in the college premises.

**Sankalp Se Siddhi :** It is an integrated yojna that the Central Government had launched during the month of August, 2017 for the betterment of the nation. Under this scheme major social and economic issues were covered. As part of Sankalp Se Siddhi, a pledge was taken by all the NSS Volunteers for the betterment of the society.

**NSS Orientation Day :** It was organised in the college on 24 August, 2017. Dr. Jasjeet Kaur, the former Program Officer of NSS, SRCASW, graced the occasion with her presence and also gave a presentation touching various fields where NSS has worked. Dr. Bimla Pawar, current Program Officer, presented a presentation on annual report for the session 2016-17. In the end, many alumni of NSS, SRCASW shared their own experience and encouraged all the students to become a part of NSS.

**Literacy Drive :** NSS volunteers of the college have been undertaking teaching for the underprivileged children in the college premises daily since past 2 years and the smile on these children's faces come as a reward. The activities along with study held under the literacy drive include dance, singing, writing competition, drawing competition and essay writing competition. About 30 underprivileged students are benefiting from this drive.

**Old Age Home/Orphanage Visit :** NSS Team visited Sai Kripa Orphanage on weekly basis to interact with the children and to teach them. The team played games with the children in which they all performed dance, singing, poetry etc. The volunteers got to know many things that cannot be found on the internet. They shared their experiences which helped volunteers to grow in the right direction.

**Collection of Stationary :** There's someone, somewhere holding on an urge to seek knowledge, but some reasons makes them devoid of this. Help them to become fortunate enough that they too can join schools with basic stationery and learn. So, give it a thought once and raise interests in helping these children. With this campaign, NSS unit of the college organised a collection drive in which students donated new stationery items, like pencils, erasers, sharpeners, sketch pens, notebooks, registers, paints, crayons and much more. In a similar manner a drive on "winter clothes collection" and later on distribution was done by the NSS volunteers in Dallapura and Kalyanpuri areas.

**Graffiti Competition :** The graffiti competition was held on 2 November, 2017 from 1.00 p.m. to 4.00 p.m. on the topic “Elections”, in which 14 teams of the college participated. The participants were provided T-shirts, caps and refreshment.

**75th Anniversary of the Quit India Movement and 70th Independence Day Celebration :** The 75th anniversary of Quit India Movement, also known as August Kranti Andolan, was celebrated across India on 9 August, 2017. On the occasion, Hon’ble Prime Minister Narendra Modi asked the people to take a pledge to free the country of problems like communalism, casteism, corruption and create a ‘New India’ by 2022. Our NSS volunteers participated in this pledge.

**River Rally :** To create awareness in society for saving our dying rivers, a “Rally for Rivers” was organised at India Gate, New Delhi on 3 September and 2 October, 2017 in which our NSS student volunteers also took part. Five volunteers also attended the workshop held in Chanakyapuri on the same subject.

**Swachta Hi Sewa :** On this occasion, NSS, SRCASW organised a cleanliness drive in the college and took out a rally for spreading awareness. Cleanliness drive had a great effect on cleanliness of the college environment.

**Blood Donation Camp :** The blood donation camp was held on 2 November, 2017 by the specialist team of AIIMS including eight doctors, in our college. The donation of both — blood and organs — was considered under this camp. 160 students and teachers registered for the event and 40+ students donated their blood along with 8 teachers of our college. The donors were provided t-shirts and refreshment. Thanks to all the specialists, donors and volunteers who maintained the registration desk and facilitated the camp.

**NSS Day :** NSS unit celebrated NSS day on 25 September, 2017. We had a rally on Swachta Abhiyaan in college premises and in the DDA market nearby.

**Diwali Mela :** NSS unit also organised some fun events on the occasion of Diwali.

**National Youth Day :** On the birthday of Swami Vivekanand, as a mark of befitting respect to Swami Ji, the NSS unit celebrated National Youth Day with the primary aim of sensitising the students about the philosophies, principles and ideas of Swami Vivekananda. The event started by lamp lightening and then the inspiring stories of Swami Vivekananda’s life narrated to the students by Dr. Payal Mago, our college Principal, made the session even more interesting and captivating. The students were enlightened about the relevance of his teachings in the present world. Her lecture inspired the youth to lead a very happy and productive life, wherein we should be the donors of love. This was followed by the pledge. The program was well received by the entire faculty and the students of NSS.

**Sport’s Day :** The team of NSS, SRCASW organised a sports festival for the students under literacy drive as overall development is not just about the mind but is the whole body. The following events were held: 50m Race, Lemon race, Sac race, Relay race, Frog race. The winners were awarded with prizes and goodies. The kids were extremely happy as this was a

day entirely different than the rest. We cannot thank the teachers enough for their immense support and guidance throughout the event and without them, the sports day wouldn't have been successful.

**Lecture on Drugs :** The lecture on drug addiction by Dr. Rakesh was organised by NSS, SRCASW to spread the awareness on drug addiction especially for first year students as they are very new to the college environment and must be made aware of the adverse affects of drug addiction.

**Scooty Driving Training Program :** NSS along with HONDA and Sakhi Saheli Sansthan has successfully conducted scooty driving training program of 6 days in the first week of April. More than 70 students attended this training. The expert trainers from HONDA explained the driving tactics like body posture, driving precaution and proper maintenance of the scooty. The program ended with overwhelming response from students. At the end of training, the students were felicitated with certificate from chief guest ACP, Anand Kumar Mishra and Shri F. I. Ismailee.

Following activities were organised throughout the year :

### **Freshers' 2017**

The Freshers' Party was organised on 18 August, 2017 to welcome the new comers for the session 2017-2018. The very first fun filled event of the session saw enthusiastic participation by the newly admitted students as well as their seniors. The Miss Freshers' title was bagged by Ms. Shanna Susanne Philip of B.Sc. (H) Biomedical Sciences.

### **Independence Day**

To keep the spirit of nationalism alive, Independence Day celebrations took place in the college campus. The celebrations were marked by dance performances, music recitals and some inspirational speeches.

### **Rajguru Day**

The Rajguru Fraternity celebrated Rajguru Day on 28 August, 2017. The event was marked by some very enlightening speeches.

### **Motivational Talk**

A talk by Mr. Hitesh on 24 August, 2017 was organised to enlighten the students and motivate them.

### **Student's Council Elections**

Student Council Elections were held on 8 September, 2017 in compliance with Lygdoh Committee recommendations.

### **Prime Minister's Address to Students (Webcast)**

Hon'ble Prime Minister Narendra Modi held an interactive webcast session on 11 September, 2017 with school and college students to discuss the importance of stress-free exams. The session "Pariksha Par Charcha" was aired in all CBSE-affiliated schools and different colleges and students were encouraged to ask questions and share stress-relieving techniques with the PM.

### **14th National Youth Parliament Competition**

SRCASW performed for the Group Level Competition of the 14th National Youth Parliament Competition for Colleges/Universities organised by Ministry of Parliamentary Affairs, Govt. of India on 15 September 2017 at 3.00 p.m. There students enacted a one hour parliament session raising and debating about issues ranging from punishment for rape, lack of legal provisions for marital rape, Aadhaar, food prices, appointment of judges and electoral reforms. The performance was judged by Shri Bratin Sengupta, Ex Rajya Sabha MP; Dr Dinesh Arora, Group Coordinator from DAV College Jalandhar and Professor Sudheer Pratap Singh from JNU.

### **Sanitary Napkin Vending Machine Installation**

The Women Health and Hygiene Awareness program was held on 26 September, 2017 at 2.30 p.m. in Shaheed Rajguru College of Applied Sciences for Women by CSR Foundation. The event was held in the college auditorium to educate the students about various health and hygiene issues and to inaugurate the sanitary napkin vending machines which were installed free of cost by the esteemed foundation.

### **Ofo Bicycle Inauguration**

OFO, a Beijing based company, launched its bicycle services for the very first time in University of Delhi at Shaheed Rajguru College of Applied Sciences for Women on 22 January, 2018. Mission of the company was to solve the 'last mile' transportation problem in India's urban areas by providing Ofo's convenient, affordable and low carbon way of travel. The inauguration ceremony was graced by Prof. Neeta Sehgal, Proctor, University of Delhi, Mr. Rajarshi Rakesh Sahai, Director of Public Policy, Government Relations and Communications and Mr. Indrapreet Singh, Senior Manager at OFO. Mr. Indrapreet Singh briefed the students on the history, views and aims of their company. They invited students to download their app and demonstrated the protocols of its operation. To the immense delight of students, OFO officially launched their bicycles by flagging off a bicycle race with yellow and black balloons released into the sky of a sunlit winter morning.

### **Apron Workshop**

The Apron Coaching Institute conducted 2 workshops for the students of our college. Students from other institutes also participated. The Apron institute conducted a workshop on topics Python, and PLC scada. The topics of the workshop were really fascinating and enhanced the knowledge of our students.

## Lenskart Eye Checkup

An eye check up camp was organised by the Student's council on 12 March, 2018.

## Cetpa Workshop

The Cetpa Coaching Institute conducted 2 workshops for the students of our college wherein students from other institutes also participated. The topics of the workshop were — Digital Marketing, and Artificial Intelligence.

## Quiz Competition by North East Cell

The North East Cell of Shaheed Rajguru College of Applied Science for Women successfully organised a quiz competition on the topic “Sikkim — The Hidden Valley of Rice” under the scheme of Ek Bharat Shrestha Bharat in the SRG of college on 23 March, 2018.

## Annual Cultural Fest — Karvaan 2018

The Student's Council of Shaheed Rajguru College of Applied Sciences for Women organised “Karvaan 2018 — A Wanderlust” with a slogan — Different is a trend. A pack of dance, drama, music, fashion, art and photography is a pride for every fest, but different is a trend, and so was Karvaan'18 and to make it different, this year we had a flavour of International Competitions and Auditions for Daily soap serial and Miss Elite Asia 2018. Karvaan 2018, the annual cultural fest of Shaheed Rajguru College of Applied Sciences for Women was an extravagant affair with an ode to performing arts on the first day which was witnessed with the different cultural society events that kept the audience engaged by thrill and melody filling the air. Everything made the ambience full of fun and excitement.

The stage was on fire for the second day as it was filled with power packed performances of the Artist line up — Punjabi singers Akhil and Inder Dosanjh, Agastya Band, cover play singer Shivai Vyas, DJ Neel and the event was hosted by RJ Rahul Makin. International auditions like Mr. and Mrs. Elite judged by Akash Choudhary (Splitsvilla Fame) and audition for daily soap serial by Casting Bappa took place. A new event ‘Screening’ was organised where TV show ‘Friends’ was screened. Various colleges of Delhi NCR participated in this event.

A summary of the winners of the various events is presented below :

<i>S. No.</i>	<i>Society</i>	<i>Event</i>	<i>Position</i>	<i>Team Name</i>	<i>College</i>
1.	Ahaarya	Beat Puppets	First	RDS	Ramjas Dance Society
			Second	Footloose	Shivaji College
		Kinesthesia	First	Vaibhav Gautam	LSR College
		Dancellenium 1.0	First	Aman	Satyawati College (M)

<i>S. No.</i>	<i>Society</i>	<i>Event</i>	<i>Position</i>	<i>Team Name</i>	<i>College</i>
		Dancellenium 2.0	Second	Pulkit Takyar	Bhartividhyapeeth College of Engineering
			First	AksharTekchanani and Anshita	Hansraj College
			Second	Pulkit Sharma and Himani	Dyal Singh College
2.	Mukhauta	Lalkaar'18	First	Aayam	Maharaja Agrasen Institute of Technology
			Second	Deshbandu Dramatics Society	Deshbandhu College
			Best Actor (Male)	Raunaq	MAIT College
				Tushar	Deshbandhu College
			Best Actor (Female)	Spratia	Indraprasth College
				SanyaSaifi	Deshbandhu College
3.	Glamfire	Vogue	First	Alluring Dazzlers	Vivekanand College
			Second	Bandwagons	Aurobindo College
		Mr. & Miss Karvaan	Mr. Karvaan	Manjot Singh	
			Ms. Karvaan	Shivani Choudhary	SRCASW
4.	Philyra (Avirbhav, The Music Festival)	Cadenza (Solo Singing)	First	J Aditya Rao	Shaheed Bhagat Singh College
			Second	Gaurav Vohra	Deshbandhu College
		Chorale Group Singing)	First	Alarya	Daulat Ram College
			Second	Sangeetika	KamlaNehru College
		Battle of Bands	First	Flip	DDU College
5.	Inklings	Tape-a-Tale (Story Writting) Order of the Masters	First	Ira Alok Puranik	Maharaja Agrasen
			First	Sunny	Maharaja Agrasen
			Second	Richa	Maharaja Agrasen
		Comicraze (Quiz Competition)	First	Vinayak	Noida Institute of Engg. and Technology
			Second	Niharika	SRCASW



<i>S. No.</i>	<i>Society</i>	<i>Event</i>	<i>Position</i>	<i>Team Name</i>	<i>College</i>
		Haiku Jam (Online Poetry)	First	Team Deepakshi (Deepakshi Arora, Aditya Asthana, Megha Mannan)	SRCASW
			Second	Team Sonam (Sonam, Himanshi, Pallavi)	SRCASW
		The Indian Senate (Conventional Debate)	First	Kushal Jindal	College of Voc. Studies
			Second	Bharat	Maharaja Agrasen
		The Marauder's Hunt (Treasure Hunt)	First	Team Pratibha (Pratibha, Shiva Singh, Zeeshan Nabi, Nidhi Jha)	SRCASW
			Second	Team Sonam (Sonam, Himanshi, Pallavi, Stuti)	SRCASW
6.	Elvira	Doodling	First	Ambika	Dr. AITH
			Second	ShaliniYadav	SRCASW
		News Paper Dressing	First	Charu Dhingra, Komal Gayatri, Ritika	SRCASW
			Second	Shivani Jyoti, Yojana, Aarti	Maharaja Agrasen
		Mask Painting	First	Yamini, Shweta	Maharaja Agrasen
			Second	Muskan	Maitrayi College
				Seetal	SRCASW
		Tattoo Designing	First	Harshit, Nikhil	Dyal Singh College (Evening)
			Second	Muskan	Maitrayi College
		Cartoon Sketching	First	VaibhavButola	Kirori Mal college
			Second	Muskan	Maitrayi College
		T-Shirt Designing	First	Akash Kumar	KIIT Gurgaon
			Second	Mayank Lekhi	Anitoons

<i>S. No.</i>	<i>Society</i>	<i>Event</i>	<i>Position</i>	<i>Team Name</i>	<i>College</i>
		Paper Crafting	First	Girisha	SOL
				Ashish	CRRIT
		Surprise Event	Second	Savez, Hritika	ITS
			First	Vaibha Butola	Kirori Mal College
				Aditya	Sharda University
			Second	Shivani Chaudhary	SRCASW
				Tushar	Pass out
7.	Shuffleshots	Shoot Art : Online Event	First	Karan Bagga	GGSIPIU and Lovely Professional University
				Nirbhay Singh (Kids Portrait Theme)	
			First	Kapil Yadav (Reflection Theme)	Shivaji College
			First	Soumesh Pandey (Silhouette Theme)	Shivaji College
		Lensarch	First	Deepika, Ankit	Shyamlal Collge
			Second	Shashwat	IMS
				Mridul	BCIPS
8.	Aarambh	Dramatic Dreams	First	Magdali	Gragi College
			Second	Anubhav Tekwani	PGDAV College
			Third	Himani Pundir	SRCASW
				Lalit Ahuja	Maharaja Surajmal Institute of Technology

## Cultural Societies

### Aarambh

An initiative towards mental health awareness organised the following events in chronological order in the academic year 2017-18 :

- “Wall of Wellness” — At Diwali Mela of SRCASW on 11 October, 2017.
- “Failure is the best thing that can happen to you : An Interactive Session”, organised on 13 February, 2018 in the college auditorium.

- “Slam Poetry Competition — Dramatic Dreams”, organised on 13 March, 2018 at the annual cultural fest of SRCASW, Karvaan’18.

### **Ahharya : The Dance Society**

Ahaarya has been recognised various times by news giants like Delhi Times, Local Turnon, DU Express, etc. The society has dancers and connections with the best dance clubs of the country and is mentored by renowned artists like Abhinav Sharma, Aastik Tewatia, Sangram, Helen Koroji, Shubham Sharma, Rakshit Arora, etc. Also, the team has been invited to participate at India’s best dancing platforms like India’s Got Talent, Dance Plus and many more. This year, the society is headed by Sheetal Khandari, the President. The society’s participation through the session 2017-18 were :

- Vips
- Ramanujan College, University of Delhi

### **Elvira — The Fine Arts Society**

The society right from its commencement in 2014 has been responsible for the decoration of college for various events throughout the year. Elvira witnessed a manifold increase in participation on both inter and Intra College level during the session 2017-2018. The sketching and painting workshop was conducted by Mr. Sonu Kumar (Student of College of Fine Arts) which pulled in a lot of enthusiast and boosted artistic temperament in the students.

The society is headed by Tania, the President and Hina Gupta, the Vice President and managed by Shalini Bhardwaj, the Treasurer for the session 2017-2018. Elvira’s achievements through the session 2017-2018 are as follows :

- 1st Prize in Poster Making at SRCASW NSS — Kritika
- 1st Prize in Best out of waste at SRCASW — Vasvi
- 1st Prize in Eco jewelry making at SRCASW — Priyanshi
- 1st Prize in Tattoo Making at Shivaji College — Tania, Radhika and Shalini Bhardwaj
- 1st Prize in Card Making at Lady Irwin College — Hina Gupta
- 1st Prize in Poster Making at SRCASW(NSS) — Tania
- 2nd Prize in Graffiti at SRCASW (NSS) — Ayushi, Shalini and Komal
- 2nd Prize in Graffiti at Maharaja Agrasen College — Shalini, Ayushi
- 2nd Prize in Crafting at Maharaja Agrasen College — Anjali
- 2nd Prize in Poster Making at SRCASW — Saima
- 2nd Prize in Eco shopping bag at SRCASW — Hina Gupta
- 2nd Prize in Eco jewelry making at SRCASW — Hina Gupta
- 2nd Prize in Rangoli at SRCASW — Kritika, Ayushi

- 2nd Prize in Card Making at Maharaja Agrasen College — Hina Gupta
- 3rd Prize in Flower Show at University of Delhi — Ayushi
- 3rd Prize in Tattoo Making at Maharaja Agrasen College — Tania and Arpita
- 3rd Prize in Eco shopping bag at SRCASW — Priyanshi
- 3rd Prize in Phone cover design at Maharaja Agrasen College — Jyoti
- Consolation Prize in Graffiti at SRCASW — Barnali
- Consolation Prize in Poster Making at SRCASW — Kritika
- Consolation Prize in Flower Show at University of Delhi — Priyanshi

### **Glamfire : The Fashion Society**

Fashion is a distinctive and often constant trend (in the style) in which a person dresses. Glamfire, the fashion society, comprises of talented prodigies working for the society as designers, stylists, models and prop artists. This year's theme of the society is "The Gothic Era". A Gothic World, which is marked by conspicuously dark, mysterious, antiquated and homogenous features is depicted. In the very depths of hell resides a world where illumination and forgiveness is banished, a world where demons sojourn, where darkness beguiles. This world is transformed into reality, into women of substance signifying the darker and powerful side.

The society is headed by Shivangi Kalakoti, the President and Kanishka Arora, the Vice President and managed by Priya Agrawal, the Treasurer for the session 2017-2018. The society's achievements through the season 2017-18 were :

- 1st Prize in Bhaskaracharya College of Applied Sciences, University of Delhi
- 1st Prize in KIET Group of Institution
- 2nd Prize in IIT-D (Department of Management Studies)
- 2nd Prize in LMNIIT, Jaipur
- 2nd Prize in Shaheed Sukhdev College of Business Studies

The team was appreciated at colleges like LMNIT, Maharaja Surajmal Institute of Technology, Zakir Hussain Delhi College, Bhaskaracharya College of Applied Sciences, International management Institute, IIT-D, Jaipuria School of Business Studies, KIET, Aurbindo College, Shaheed Sukhdev College of Business Studies and G.D Goenka College.

### **Inklings : The Literary Society**

Inklings was established by a group of literature enthusiasts to bring together all other people who liked to express themselves using words.

The society is headed by Aparna Somaraj, the President and Kavita Mishra, the Vice President and managed by Srishti Vermani, the Treasurer for the session 2017-2018. The society's achievements through the session 2017-2018 are as follows :

- 3rd Prize in Creative writing at Janki Devi Memorial College — Zainab Batool
- 3rd Prize in Creative writing at IIT Delhi — Zainab Batool
- 1st Prize in Online event at IIT Delhi — Zainab Batool
- 2nd Prize in Panel discussion at NTPC — Sneha Gupta
- 2nd Prize in Word game at Lady Irwin College — Deesha Gupta
- Top 10 Prize in Inspirational Speech at Global Foundation for Human Excellence — Deesha Gupta
- 2nd Prize in Debate at Mata Sundari College — Tarushi Anand
- 3rd Prize in Panel discussion at NTPC — Tarushi Anand
- 2nd Prize in Essay writing at Maharaja Agrasen College — Esha Gupta
- High commendation Prize in MUN at Jamia Milia Islamia — Arufi Singh
- 2nd Prize in Debate at Maharaja Agrasen College — Barnali Banerjee
- Best interjector Prize in Debate at Maharaja Agrasen College — Barnali Banerjee
- 3rd Prize in Slam poetry at Gargi College — Himani Pundir
- Special mention Prize in Youth parliament at Unnati, IAS Hub — Himani Pundir
- Special mention Prize in MUN at ISBF — HimaniPundir
- 3rd Prize in Slam poetry at Shaheed Rajguru College — Himani Pundir
- Consolation Prize in Slam poetry Gargi College — Himani Pundir
- 2nd Prize in JAM at Daulat Ram College — Ravleen Kaur
- 1st Prize in Panel discussion at NTPC — Garima Sati
- 1st Prize in Creative writing at IITD — Shanna Susanne Philip

### **Mukhauta : The Dramatic Society**

Mukhauta, the dramatics society, aims to spread awareness about the social, political and cultural views through street plays. They say “We believe in bringing about a change at any and every level possible. In order to put across our messages, we package our complex research in a simple yet interesting manner. Our dedication towards achieving our aim of affecting societal change is what makes us different from other dramatics societies.”

The society is headed by Shweta Bisht, the President and Lavanya, the Secretary and managed by Nitika, the Treasurer and Nisha, the PR for the session 2017-2018. The society’s achievements through the session 2017-18 are as follows :

- 1st Prize in Krishna Institute of Engineering and Technology
- 1st Prize in The Institute for Integrated Learning in Management, Lodhi Road

- 2nd Prize in World University of Design
- 3rd Consolation Prize at Udaan
- Performed at National School of Drama (NSD)
- Performed for the Manthan — India's largest theatre festival which is organised by Shaheed Sukhdev College of Business Studies

### **Philyra : The Music Society**

Philyra, the Music Society believes in spreading Folk Music through their performances. The society is headed by Sreyasi, the President and Shrishti S. Nagar, the Vice President and managed by Aditi Sharma, the Secretary and Nidhi Prasad, the Treasurer for the session 2017-2018. The society's achievements in session 2017-18 are :

- Participation in 10+ Colleges
- Special Mention at Udaan

### **Shuffleshots : The Photography Society**

Shuffleshots is the photography society encouraging prodigious photographers and video makers to try their hands on professional photography and enhance their skills through exposure within and outside the college campus.

The society is headed by Urvashi Gupta, the President and Shalini Pant, the Vice President and managed by Anshu Kumari, the Secretary and, Priyanka Rana the Treasurer for the session 2017-18. The society's achievements through the session 2017-2018 are as follows :

- 2nd Prize in Sankalan (Online Event) at DU, Computer Science — Anshu Kumari
- 3rd Prize in Flower Show 'Petals' at University of Delhi — Shefali Tripathi
- 3rd Prize in Sankalan (Online Event) at DU, Computer Science — Urvashi Gupta

### **Sport Activities**

Physical education plays a critical role in educating both mind and body. It contributes directly to the development of physical competence and fitness. To make students fit and healthy, our College puts maximum focus on sports activities and encourages students to participate and excel in a variety of games and sports that are organised regularly in our college.

Sports achievements of our college during the session 2017-18 : We started with the *Sports Conditioning Program* for all from 1-12 August, 2017 which included Table Tennis, Athletics, Badminton, Kho-Kho, Volleyball, Chess and Yoga. It set the tone for the competitive spirit. Then an *Interdepartmental Sports Tournament* from 25-29 September, 2017 was organised in the college premises which included Chess, Table Tennis, Athletics, Badminton, Kho-Kho, Volleyball, Yoga and Basketball. College teams were raised during this tournament.

Participation of the college students and sports teams in different colleges and trophies won event wise :

### ***Athletics***

- Bhavana Yadav of Psychology 1st year won *silver medal* in *77th Delhi State Annual Athletics Championship* held at Delhi University Polo Ground, New Delhi on 1-3 September, 2017.
- Athletic team took part in *University Inter College Cross Country* held at NSIT, Dwarka on 21st October, 2017. Team members were: Nishu Yadav (Instrumentation - 3rd year), Sonam (Electronics — 3rd year), Aakanshi (Biochemistry — 1st year), Shankey Yadav (Physics — 1st year), Diksha Jaiswal (Mathematics — 1st year). All the team members completed 6 km race and our college got 7th position out of 24 colleges that participated.
- College Athletic team participated in *DU Inter College Tournament* held at Polo ground, GTB Nagar from 13-15 November, 2017. Team members were : Jyoti Yadav (Physics — 1st year), Sonam (Electronics — 3rd year), Aakanshi (Biochemistry — 1st year), Manisha (CS — 1st year), Bhavana Yadav (Psychology — 1st year), Bhavshi (Chemistry — 1st year), Ashlesha (Electronics — 2nd year), Diksha Jaiswal (Mathematics — 1st year). Bhavana Yadav secured *silver medal* in Discuss Throw.
- At *SRCC Sports Fest*, Jyoti Yadav (Physics — 1st year) got 3rd position in 100 m Race.

### ***Aerobics***

- College Aerobics team won 1st position in *Spardhaa* — the Sports Fest of our college held on 18-19 January, 2018.
- Our Aerobics team also participated in the Sports Fest of Ramanujan College on 22 February, 2018 and bagged 1st position.
- Aerobics team attended workshop organised by JMC on 19 February, 2018. Team members were : Sonam (Electronics — 3rd year), Muskan (Electronics — 3rd year), Mokshda (CS — 2nd year), Ritika (Biochemistry — 1st year), Rashmi (CS — 1st year).
- Aerobics team also showed their talent in the Sports Fest of NSIT, Dwarka on 16 March, 2018.

### ***Badminton***

- College Badminton team took part in the 8th Indraprastha Invitational Badminton and Tennis Tournament held on 18-19 September, 2017 at IP college. Team members were : Santosh Sharma (BMS — 3rd year), Surabhi Singh (CS — 2nd year), Kaushiki Tiwari (Microbiology — 1st year), Anupama Bharti (BMS — 3rd year).
- Badminton Team took part in Chakravayuh' 17 — All India Sports Fest held at IMS Group of Institution from 13-15 October, 2017. Our Team members Santosh Sharma (BMS — 3rd year), Surabhi Singh (CS — 2nd year) bagged 2nd position in Doubles and Santosh got 2nd position in Singles.
- Badminton team took part in the Sports Fest of SRCC held on 1 February, 2018. Team members were : Santosh Sharma (BMS — 3rd year), Surabhi Singh (CS — 2nd year) and Kaushiki Tiwari (Microbiology — 1st year).

- Badminton team participated in LSR Invitational Intercollege Tournament on 26 February, 2018. Surabhi Singh (CS — 2nd year) and Akansha (Physics — 1st year) entered semifinals.

### ***Basketball***

- Basketball team took part in Enthusia — Annual Sports Fest of IHE on 1 November, 2017. Team members were : Nishu Yadav (Instrumentation — 3rd year), Ayushi (FT — 2nd year), Diksha (Maths — 1st year), Jyoti Yadav (FT — 1st year), Praveena (CS — 2nd year), Priya (CS — 2nd year), Kirti (Maths — 1st year), Anushka (FT — 1st year), Aditi (Electronics — 1st year), Nidhi (Electronics — 1st year) and Vertika.
- Basketball team also took part in the Sports fest of SRCC held on 31 January, 2018. Team members were : Diksha, Nandita, Ayushi, Shifali, Yasthika, Nishu Yadav, and Jyoti.
- Nandita (Statistics — 1st year), our Basketball team member participated in the Senior State Competition of Basketball, Utrakhand and secured 1st position and got selected for Nationals.

### ***Chess***

- Ms. Prachi Bhargava participated in UP State U/19 (W) Chess Championship held at Indrapuram from 7-9 July, 2017 and bagged the Gold Trophy.
- Chess team took part in the Sports Fest of SRCC held on 1-2 February, 2018. Team members were : Prachi Bhargava (BMS — 2nd year), Tripti Mishra (Chemistry — 2nd year), Anushka Garg (FT — 1st year) and Shreya Tyagi (Chemistry — 2nd year).
- Chess team took part in DU Intercollege Tournament from 20-22 February, 2018 and secured 4th rank.

### ***Kho-Kho***

- College Kho-Kho team took part in DU Inter College Tournament held at SPM College, DU on 6-7 November, 2017. Team members were : Shivani (Instrumentation — 3rd year), Neha Kala (CS — 2nd year), Prerna Upman (CS — 2nd year), Surabhi Singh (CS — 2nd year), Ankita Ulshai (Electronics — 2nd year), Nisha Sharma (Electronics — 2nd year), Manisha (CS — 1st year), Rachi Dagar (Physics — 1st year), Jyoti Yadav (Physics — 1st year), Shankey Yadav (Physics — 1st year), Sakshi (Instrumentation — 1st year) and Oorja Gund (Instrumentation — 1st year).
- Kho-Kho team participated in Athleema — 6th Annual Sports Festival of Asian Education Group on 22-23 March, 2018 held at Netaji Subhash Sports Complex, Jasola and won 2nd Position in the tournament.

### ***Table Tennis***

- Table Tennis team participated in DU Intercollege Tournament held at MPH on 9-11 January, 2018. Team members were : Khushboo Yadav (Maths — 2nd year), Muskan Varshney (Physics — 1st year), Shristi Rawat, Madhu Yadav.
- Table Tennis team participated in TT Tournament at MAIT, Punjabi Bagh held on 16 January, 2018.



## ***Volleyball***

- Volleyball team took part in DU Intercollege Tournament held at University Polo ground on 22-24 January, 2018.
- Participated in Invitational Intercollege Tournament held at Kalindi College on 30-31 January, 2018.
- Participated in Sports fest of Mata Sundri College on 1 February, 2018.
- Participated in Sports Fest of Lady Irwin College held on 14-15 February, 2018 and qualified the Semi-finals.
- College Volleyball team participated in IIT Delhi Sports Fest held on 23-26 February, 2018 and secured 3rd Position in the tournament. Team members were : Versha (Electronics — 2nd year), Yogita Bisht (Physics — 2nd year), Shambhavi (Electronics — 2nd year), Garima (Electronics — 2nd year), Priya (Biochem — 1st year), Mansi (BMS — 1st year), Gauri (Maths — 1st year), Nikita (Microbiology — 1st year), Shashi (Biochem — 1st year) and Shilangana (Maths — 1st year).
- Our Volleyball team also took part in Invitational Intercollege Tournament of Symbiosis Management College held on 27 February, 2018 and qualified till Semi-finals.
- Volleyball team then participated in the Sports fest of University College of Medical Sciences on 19 March, 2018 and secured 2nd Position in the tournament.

## ***Yoga***

- Yoga team took part in 33rd Delhi State Yoga Championship on 26 September, 2017 held at Sant Hari Das College of Higher Education, Najafgarh, New Delhi. Team members were: Nisha Sharma (Electronics — 2nd year), Juhi Priya (CS — 3rd year), Laxmi (CS — 1st year), Arushi (BFIA — 1st year), Kirti (Physics — 1st year), Kajal (Physics — 1st year) and Bharti Rana (CS — 1st year).
- College yoga team participated in 2nd Delhi State Yoga Championship on 15 October, 2017 held at Maharaja Agrasen College, Rohini Sector-22.
- Yoga team took part in Enthusia — Annual Sports Fest of IHE, DU on 2 November, 2017. Team members were : Nisha Sharma (Electronics — 2nd year), Laxmi (CS — 1st year), Arushi (BFIA — 1st year), Bharti Rana (CS- — 1st year), Sangeeta (Psychology — 1st year), Supriya (BMS — 1st year).
- Ms. Laxmi (CS — 1st year), yoga team member secured 3rd Position in Yoga National held at Panipat, Haryana on 2 December, 2017.
- Yoga team participated in the Invitational Intercollege Tournament held at Kalindi College on 30-31 January, 2018.
- Nisha Sharma (Electronics — 2nd year) and Laxmi (CS — 1st year) participated in the Sports Fest of Miranda House and secured 3rd Position in Rhythmic Pair.
- Yoga team participated in DU Intercollege Tournament held on 15 February, 2018 at University Ground.

- Yoga team took part in LSR Invitational Sports Competition held on 24 February, 2018 and secured 2nd Position.

### ***“Spardhaa” — The Sports Fest***

Shaheed Rajguru College of Applied Sciences for Women organised its second Sports Fest “Spardhaa” on 18-19 January, 2018 in the college campus. “Spardhaa” which signifies healthy competition, served as a significant platform for the participants to exhibit their sports talent, leadership and comradery. The Chief Guest for the Opening Ceremony was Shri Ram Niwas Goel, Speaker, Delhi Legislative Assembly and the function was also graced by Shri Manoj Kumar, Member Legislative Assembly, NCT of Delhi. The guest of Honour was Mrs. Santosh Yadav, Padma Shree Awardee and the first woman in the world to scale Mount Everest twice within a gap of less than a year.

The festival started with a March-past of fourteen Departmental Teams and two teams of Students Council and Sports Council respectively. The Department of Physics bagged the first Position in March-past for their well-coordinated and energetic presentation.

In the Inter college category, there were nine events including Aerobics, Rhythmic Yoga, Non- Rhythmic Yoga, Volleyball, Kho-Kho, Table Tennis, Badminton, and Tug of War. Chess and Carom were specially kept for Para-athlete category to encourage equal opportunity. A vibrant participation by around 800 athletes from 43 colleges/Institutions of University of Delhi and NCR was witnessed in “Spardhaa” to make it a grand success. Though these events were primarily for girls but Badminton, Tug of war and Table Tennis were open for boys also.

The Sports Fest was yet another platform to display women power. It also catered to community sports activities for the non-sports students and staff of the college in order to promote fitness, wellness and a sense of socialisation. The community sports activities included 50 metre Race, Discuss throw, Shot Put, Long Jump, 4x100 metre Relay Race and Three-legged Race and some Fun based activities for staff. The community sports activities proved to be very popular among the in-house students/staff and showcased their sports potential.

“Spardhaa” received overwhelming support from our sponsors, Chief among them being the ONGC Ltd. and the Delhi State Aids Control Society, Govt of Delhi. Other sponsors like Vki photography, Sega Shoes, Parle Agro and Delhi Sports also chipped in and contributed to its success. Our media partners like SamacharNirdesh, DU Express, DU Vibes, DU Beat, DU Khabar etc. covered the events and helped us in reaching out to all our stake holders.

### ***Students’ Achievements***

<i>Department</i>	<i>Name of the Student</i>	<i>Competition</i>	<i>Position</i>	<i>Organiser</i>
Biochemistry	Aspiara Roosmin	Logo Making	1st Prize	Biochemistry Department, SRCASW
	Parul Agarwal	Poster Making	1st Prize	Elvira, SRASW

<i>Department</i>	<i>Name of the Student</i>	<i>Competition</i>	<i>Position</i>	<i>Organiser</i>
	Parul Agarwal	Graffiti making	Consolation	Elvira, SRCASW
	Parul Agarwal	Poster making	3rd Prize	Elvira, SRCASW
	Anjali Jaiswal	Best out of Waste	3rd Prize	Eco Club, SRCASW
	Surbhi Chauhan	Best out of Waste	3rd Prize	Eco Club, SRCASW
	Ruby	Best out of Waste	3rd Prize	Eco Club, SRCASW
	Priya	Best out of Waste	3rd Prize	Eco Club, SRCASW
	Mittali Tyagi	Debate	2nd Prize	Eco Club, SRCASW
	Radhika Nair	Debate	2nd Prize	Eco Club, SRCASW
	Radhika Nair	National Youth Parliament Conference	Position of Prime Minister	SRCASW
	Janhvi	Poster Making	2nd Prize	Delhi AIDS Control Authority
	Yogyta	Slogan Writing	Consolation	Delhi AIDS Control Authority
	Yogyta	Extempore	1st prize	SRCASW
	Yogyta	Kalakriti	2nd prize	SRCASW
	Yogyta	XQuiz It	1st prize	SRCASW
	Arzoo	XQuiz It	1st prize	SRCASW
Biomedical Sciences	Lisha	Quiz	2nd Prize	THSTI
	Prachi Bhatnagar	Quiz	3rd Prize	THSTI
Computer Science	Shreya Lalit	Essay writing	Top 3	Income Tax Department of India
	Hunar Batra	Small City Challenge	2nd Prize	IIT-D
	Sadhvi	Jenesys 2017	Bonafide	Ministry of Foreign Affairs Japan Government
	Ankita	Web dDsigning	2nd Prize	Keshav Mahavidyalaya
	Ankita	Brain wreck	1stPrize	Tech Melange, SRCASW
	Anuradha Aggarwal	Web designing	2nd Prize	Keshav Mahavidyalaya
	Anuradha Aggarwal	Webtypes	2nd Prize	Keshav Mahavidyalaya
	Anuradha Aggarwal	Quiz	1st Prize	SRCASW

<i>Department</i>	<i>Name of the Student</i>	<i>Competition</i>	<i>Position</i>	<i>Organiser</i>
Food Technology	Ankita Rawat	Debate	Best Interjector	AFSTI
	Mrigya Bansal	Recognition	Merit and Scholarship	PFNDIAI
	Mrigya Bansal	Recognition	Scholarship	WBO
	Kadambini Pandey	Recognition	Silver Medal	AIFPA
Instrumentation	Nishu	Quiz	3rd Prize	THSTI
	Roopa	Three leg race	1st Prize	Spardha, SRCASW
	Shalini	Three leg race	1st Prize	Spardha, SRCASW
	Shipra	Three leg race	3rd Prize	Spardha, SRCASW
Management Studies	Bhawini Bhardwaj	Canvas painting	1st Prize	SRCASW
	Bhawini Bhardwaj	Fusion Art	3rd Prize	Gargi college Annual Fest
	Bhawini Bhardwaj	Ad-Mad	2nd Prize	Deptt. Fest, SRCASW
	Abhiramy S.M.	Solo Indian Classical Dance	3rd Prize	Daulat Ram College Annual Fest
	Amisha Singhal	Canvas Painting	1st Prize	District Magistrate
	Radhika Verma	Tattoo Designing	1st Prize	Shivaji College Annual Fest
	Ananya Thukral	National Model Youth Parliament	6th Prize	SRCASW
	Ananya Thukral	Innobuzz	3rd Prize	Miranda House
	Ananya Thukral	NTPC Panel Discussion	4th Prize	Inklings, SRCASW
	Ananya Thukral	InstaMin	1st Prize	SRCASW
	Arushi Thakur	Yoga	2nd Prize	Annual Sports Meet, LSR
	Nishtha Pandey	Economic Quiz	1st Prize	SGND Khalsa College
	Nishtha Pandey	Business Quiz	2nd Prize	SGND Khalsa College
Priya Arora	Innobuzz	3rd Prize	Miranda House	
Microbiology	Deesha Gupta	Module your Biz	1st Prize	Idaira, SRCASW
Psychology	Zainab Batool	Creative writing	3rd Prize	Lady Irwin College
	Shree Goel	Natural Alternatives and Herbal Remedies	1st Prize	Eco club, SRCASW

<i>Department</i>	<i>Name of the Student</i>	<i>Competition</i>	<i>Position</i>	<i>Organiser</i>
	S.V. Vaishnavi	Natural Alternatives and Herbal Remedies	1st Prize	Eco club, SRCASW
	Kriti Budhiraja	Ex-tempore	3rd Prize	Psychology, SRCASW
	Parshiti Srivastav	Poster Making	3rd Prize	Psychology, SRCASW
Statistics	Barnali Banerjee	Graffiti Making	Consolation	SRCASW
	Richa Chauhan	Poster Making	1st Prize	Psymenia, SRCASW
	Richa Chauhan	Poster Making	1st Prize	NSS, SRCASW
	Richa Chauhan	Poster Making	2nd Prize	Eco club, SRCASW
	Vanshikha	Graffiti Making	Consolation	SRCASW
	Vanshikha	International Drawing Olympiad	2nd Prize	LaVafara, SRCASW
	Kriti Gupta	Poster making	1st Prize	NSS, SRCASW
	Lalita Kumari	Poster making	3rd Prize	NSS, SRCASW
	Harshita	Poster making	2nd Prize	NSS, SRCASW
	Esha	Essay writing	2nd Prize	MAC
	Shivani	Slogan writing	1st Prize	NSS, SRCASW
	Tarushi Anand	The Indian Senate	Best Debater	Karvaan, SRCASW

### *Academic Prizes*

#### *Glimpses of Result*

#### *Overall (2013-17)*

<i>Stream</i>	<i>First</i>	<i>Second</i>	<i>Third</i>
B.Tech. Computer Sc.	Diksha Tewari	Neha Chandola	Dinika Saxena
B.Tech. Electronics	Ritu Gupta	Priya Naib	Madhu Pandey
B.Tech. Food Technology	Sandhya Yadav	Shruti Goel	Manisha Seth
B.Tech. Instrumentation	Ms. Purna	Ms. Deeksha Agarwal	Ms. Sheetal Sans

**Overall (2014-17)**

<b>Stream</b>	<b>First</b>	<b>Second</b>	<b>Third</b>
B.Sc.(H) Biomedical Sciences	AayushiKalra	Parul Garg	Shatakshi Shukla
B.Sc.(H) Computer Science	Deepti Sharma	Rishika Bhatia	Divya Singh
B.Sc.(H) Electronics	Honey Tyagi	Anju Kanyal	Shweta Gupta
B.Sc.(H) Food Technology	Kritika Agarwal	Satakshi	Deveshi Gupta
B.Sc.(H) Instrumentation	Ms. Roopal	Ms. Ritika Pal	Ms. Himanshi Singh

**IVth Year (2016-17)**

<b>Stream</b>	<b>First</b>	<b>Second</b>	<b>Third</b>
B.Tech. Computer Science	Diksha Tewari	Divya Dua	Bhawna Jain
B.Tech. Electronics	Priya Naib	Smita Gupta	Ritu Gupta
B.Tech. Food Technology	Sandhya Yadav	Namrata	Athira Unnikrishnan
B.Tech. Instrumentation	Deeksha	Shivani Ranjan	Prerna Singh

**IIIrd Year (2016-17)**

<b>Stream</b>	<b>First</b>	<b>Second</b>	<b>Third</b>
B.Sc.(H) Biomedical Sciences	Parul Garg	Aayushikalra	Ritika
B.Sc.(H) Computer Sciences	Deepti Sharma	Rishika Bhatia	Divya Singh
B.Sc.(H) Electronics	Honey Tyagi	Shreya Rai	Shweta Gupta
B.Sc.(H) Food Technology	Ankita Tiwari	Shatakshi	Kritika
B.Sc.(H) Instrumentation	Ms. Pooja	Ms. Himanshi	Ms. Ritika Pal

**IInd Year (2016-17)**

<b>Stream</b>	<b>First</b>	<b>Second</b>	<b>Third</b>
B.Sc.(H) Biomedical Sciences	Pranshu Kothari	Divya Singh	Shalini Samal
B.Sc.(H) Computer Sciences	Anuradha Agarwal	Tanya Dua	Shivani Rajput
B.Sc.(H) Electronics	Akanksha Tyagi	Sakshi Tyagi	Rishika Sharma
B.Sc.(H) Food Technology	Ankita Rawat	Kadambini	Anjali Singh
B.Sc.(H) Instrumentation	Ms. Parakh Sachdeva	Ms. AbhaGahlot	Ms. Priyanka Gupta

***Ist Year (2016-17)***

<b><i>Stream</i></b>	<b><i>First</i></b>	<b><i>Second</i></b>	<b><i>Third</i></b>
B.Sc.(H) Biomedical Sciences	Satarupa Sarkar	Parvathi Satheesh	Neha Rawat
B.Sc.(H) Chemistry	Shreya Tyagi, Shweta Chitkara	Nazra	Pallavi Dutt
B.Sc.(H) Computer Science	Deeksha Joshi	Yashika Gola	Neha Kala
B.Sc.(H) Electronics	Saumya Srivastava	Shambhavi Gupta	Mansi Rajawat, Astha Mishra
B.Sc.(H) Food Technology	Pallavi	Priya Dhyani	Kirti Nagwani
B.Sc.(H) Instrumentation	Chitra	Shalini	Smenta
B.Sc.(H) Mathematics	Kajal Chauhan	Rupali Sharma, Vaishnavi Mohapatra	Nisha Singhal
B.Sc.(H) Physics	Nisha Shahi	Simran Gaba	Surabhi Menon

***Annual Day Prizes***

1. Dr. S. Lakshmi Devi Award : Akanksha Tyagi B.Sc.(H) Electronics (IIIrd Year)
2. Best Student :

<b><i>Stream</i></b>	<b><i>Name</i></b>
B.Sc.(H) BioMedical Sciences	Divya Singh
B.Sc.(H) Computer Science	Vaishali Chhabra
B.Sc.(H) Electronics	Bhumika Sachdeva
B.Sc.(H) Food Technology	Kadambini Pandey
B.Sc.(H) Instrumentation	Ms. Parakh Sachdeva

3. Most Disciplined Student :

<b><i>Stream</i></b>	<b><i>Name</i></b>
B.Sc.(H) BioMedical Sciences	Sheetal Pathania
B.Sc.(H) Computer Science	Tanya Dua
B.Sc.(H) Electronics	Sakshi Tyagi
B.Sc.(H) Food Technology	Priyanka Prajapati
B.Sc.(H) Instrumentation	Ms. Reeshika Sundaram and Urvashi

4. Highest Attendance : Supriya Yadav B.Sc.(H) Biomedical Sciences (98.47%)
5. CLP Student Ambassador Award : Sweta Kumari and J. Sweta (B.Sc.(H) Computer Science, IInd Year)
6. Digital Ambassador Empowerment Award : Tanya Dua (B.Sc.(H) Computer Science, IIIrd Year)
7. NSS Special Award : Vatika (B.Sc.(H) Electronics, IInd Year)
8. Outstanding Sportswomen of the Year Award : Bhavana Yadav (B.Sc.(H) Psychology, Ist Year) and Laxmi, B.Sc.(H) Computer Science, Ist Year)

### ***Student's Council 2017-18***

<b><i>Post</i></b>	<b><i>Post Holder</i></b>	<b><i>Stream</i></b>
President	Bhoulmika Verma	B.Sc.(H) Instrumentation, 3rd Year
Vice-President	Charu Gupta	B.Sc.(H) Physics, 2nd Year
Secretary	Mariam Jamal	B.Sc.(H) Instrumentation, 3rd Year
Cultural Secretary	Parul Sharma	B.Sc.(H) Computer Science, 3rd Year
Joint Cultural Secretary	Prachi Agarwal	B.Sc.(H) Food Technology, 2nd Year
Treasurer	Pallavi Singh	B.Sc.(H) Computer Science, 3rd Year
Joint Treasurer	Anjali Gautam	B.Sc.(H) Food Technology, 2nd year

### ***Departmental Council 2017-18***

<b><i>Department</i></b>	<b><i>President</i></b>	<b><i>Vice-President</i></b>	<b><i>Cultural Secretary</i></b>	<b><i>Secretary</i></b>	<b><i>Jt. Secretary</i></b>	<b><i>Treasurer</i></b>	<b><i>Chief Editor</i></b>	<b><i>Event Manager</i></b>
BFIA & BMS (Management)	Sneha Gupta	Gargi Thakur	—	Mahima Joshi	—	Simar Kaur	—	—
Biochemistry	Diya Bisht	Meghali Tyagi	Surbhi Chauhan	—	Diksha	Priya Sinha	—	—
Biomedical Sciences	Ronika	Aparna Somraj	—	Aparna Jaiswal	Prema Das	Divya Singh	Sulagna Basu <i>Editors :</i> Lusinmi, Snigdha <i>Photographer :</i> Mausmi Chatterjee	Aashna Nanda Parvathi Sateesh Ishi Jain <i>Publicity Head :</i> Prachi <i>Publicity Mgr. :</i> Avneet Kaur
Chemistry	Simran Arora	Shivani	—	Tania	—	Beena Joshi	—	—
Computer Science	Vaishali Chhabra	Kanishka Arora	—	Sakshi Gaur	Surabhi Singh, Srishti Saini	Anshu Kumari	—	—
Food Technology	Simran Rajput	Rupam Khurana	—	Shefali Tripathi	Nimisha Singhal	Shreya	—	Shweta Gautam
Electronics	Bhumika	Ananya Sharma	—	Samanata	Vatika Singh	Manisha Patwal	—	—
Instrumentation	Parakh Sachdeva	Akriti Yadav	Reeshika Sundram	—	Sakshi Verma	Priyanka Gupta	—	—
Mathematics	Ananya Arya	—	—	Sanya Gupta	—	Nisha Singhal	Anamika	—
Microbiology	Sonali Bhatt	—	—	Aditi Chauhan	—	Srinjoyee Singh	—	—
Physics	Simran Gaba	Abhilasha	—	Renu Choudhary	Mamta Gharwal	—	—	—
Psychology	Smriti Bisht	—	—	Zainab Batool	—	Ashita Anil	—	—
Statistics	Khyati Dhayia	—	—	—	—	Tanu Mishra	—	—



### ***Class Representatives 2017-18***

<b><i>Stream</i></b>	<b><i>First</i></b>	<b><i>Second</i></b>	<b><i>Third</i></b>
BFIA	Ananya Thukral	—	—
Biochemistry	Ritika Bassi	—	—
Biomedical Sciences	Shana Philip	Sanaya Malik	Anusha Sarabhai
BMS (Management)	Amisha Singhal	—	—
Chemistry	Roshini Rathore	Tripti Mishra	—
Computer Science	Mona Saraswat Sunidhi Dwivedi	Yashika Gola Ambika Anand	Priya Mahima Jindal
Electronics	Chandrika	Ananya	Sakshi Sharma
Food Technology	Sanna Gupta Shalini Singh	Manisha Vashishtha	Priyanka Prajapati
Instrumentation	Lakshmi Gayathri	Shalini Pant	Priya Varshney
Mathematics	Sanaya Gupta	Nikita Chauhan	—
Microbiology	Surbhi Suman	—	—
Physics	Arshiya Amrita	Shipali Bisht Pooja	—
Psychology	Riddhi Sharma Harshita Kapoor	—	—
Statistics	Tarushi Anand	—	—

### ***Societies Office Bearers***

**Student Advisor : Dr. Indu Arora • Cultural Secretary : Dr. Sneha Kabra**

<b><i>Office Bearers</i></b>	<b><i>President</i></b>	<b><i>Vice-President</i></b>	<b><i>Secretary</i></b>	<b><i>Treasurer</i></b>	<b><i>PR Manager</i></b>	<b><i>Joint Secretary</i></b>	<b><i>Society Conveners</i></b>
Aarambh	Aakriti Labra	Shrishti Singh	Nishu Yadav	—	—	—	Dr. Shivani
Ahaarya	Sheetal Kandari	Yashika Jedia	—	—	Ayushi Bansal	—	Dr. Punita Saxena
EDP Cell	Aisha Peenwal	—	Aditi Sharma	Priya	—	Tanu	Dr. Ranjana Singh
Elvira	Tania	Hina Gupta	—	Shalini Bhardwaj	—	—	Ms. Urmil Bharti
Glamfire	Shivangi Kalakoti	Kanishka Arora	—	Priya Agrawal	—	—	Ms. Ritika Chopra
Inklings	Aparna Somraj	Kavita Mishra	—	Srishti Vermani	—	—	Ms. Bhawana
Mukhauta	Shweta Bisht	—	Lavanya	Nikita	Nisha Roy	—	Mr. Deepak Jaiswal
NSS	Anu	Vaishali Chhabra	Vatika Singh	Khushboo	—	Manisha	Dr. Bimla Pawar

<i>Office Bearers</i>	<i>President</i>	<i>Vice-President</i>	<i>Secretary</i>	<i>Treasurer</i>	<i>PR Manager</i>	<i>Joint Secretary</i>	<i>Society Conveners</i>
Philyra	Sreyasi	Shrishti S. Nagar	Aditi Sharma	Nidhi Prasad	—	—	Ms. Saumya
Shuffleshots	Urvashi Gupta	Shalini Pant	Anshu Kumari	Priyanka Rana	—	—	Dr. Manisha Khatri
Sports	Shivani	Ayushi Misra	Naha Kala	Nishu Yadav	—	Diksha	Dr. Bimla Pawar
Robotics Club	Prakriti Sharma	Sonia Thongam	Shipali Bisht	Pooja	—	—	Dr. Sneha Kabra
Eco-Club	Sakshi Sharma	Nazra	Shreya Tyagi	—	—	Shweta, Simran, Lakshmi, Gayathri, Anjali	Dr.Rekha Mehrotra

I give my thanks to all the members of the staff for extending their full co-operation in maintaining the good reputation of the college, in the university and outside and hope they will continue in their efforts with full enthusiasm. I once again extend a warm welcome to all of you.

Thanks!





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