



## Annual Report-2016-17

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 2016-17 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 26th Annual day of the college which means more than 25 years of togetherness, dedication, commitment, cooperation and evolution.

We are extremely honored to have **Prof. Mool Chand Sharma as our Chief Guest** to grace this occasion.

Prof. (Dr.) Mool Chand Sharma, former Professor of law at Delhi University has more than 3 decades of teaching & research experience and has been associated with national and international institutions. His prior engagements include — Full-time Member of Law Commission of India, Vice Chancellor, National Law University, Bhopal; Vice-Chairperson, University Grants Commission; Secretary, University Grants Commission; Vice Chancellor, Central University of Haryana; Research Director, Ford Foundation; Research Adviser, National Human Rights Commission. He has also served as a research policy advisor to former president Smt. Pratibha Devi Singh Patil.

Prof. Sharma has been associated with various scientific and policy initiatives at national level including working on issues such as : Public Liability Law, Disaster Management, Indian Intellectual Property Regime in the context of WIPO in WTO, devising corporate social

responsibility regime, dissecting various nuances of Public Private Partnership (PPP) specially dealing with infrastructure development, devising Ombudsmen (as Chairman) Scheme for proper implementation and monitoring of MNREGA, devising a model for entry and regulation of foreign education providers and others.

Prof. Sharma's services have been solicited by various Commissions, Institutions, and organizations nationally as well as internationally. He has scores of research publications to his credit including 5 books and a large number of Research Papers published in Journals of national and international repute.

Prof. Sharma has earned number of awards and recognitions. He holds Doctorate of Juridical Science (SJD) from North-Western University Law School, Chicago; has been a Senior Fulbright Scholar; has been Senior Scholar and Fellow at number of universities and institutions including University of Chicago, Georgetown University, Washington D.C., University of Kentucky, Vermont University and University of Leiden in Netherlands.

We are indeed fortunate to have **Ms. Garima Gupta**, who is currently the Director, Higher Education, Govt. of NCT of Delhi. After completing her graduation in English Literature, History & Sociology from Sophia College, Ajmer (Rajasthan) she got selected as an IAS officer through UPSC in 2004 at the age of 23, in the first attempt and allocated AGMUT Cadre. She got her first posting in Goa as SDM and Director (Industries), subsequently posted in Delhi as SDM (Najafgarh). In the past she also held the positions of Additional Director (Education), Deputy Commissioner, Lower Dibang Valley District and Secretary (Transport/Industries/Cooperative, Labour & Employment), Arunachal Pradesh. She has also served as Deputy Commissioner, East Delhi Municipal Corporation (EDMC) and South Delhi Municipal Corporation (SMDC), Director (Social Welfare) as well as Special Secretary (Health) in Delhi.

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.

## **Ek Bharat Shreshtha Bharat Programme — Student Exchange Programme**

The “Ek Bharat Shreshtha Bharat” Programme is a highly appreciable initiative taken by the Government of India for bridging the socio-economic and cultural gaps that are prevailing in our country.

Under the aegis of “Ek Bharat Shreshtha Bharat” Programme, Shaheed Rajguru College of Applied Sciences for Women (University of Delhi) invited ten students and two faculty members from Sikkim Govt. Science College, Chakung, West Sikkim, for **Student Exchange Programme from 8th April’17 to 18th April’17**. Keeping in mind the essence of Ek Bharat Shreshtha Bharat Programme, various activities were planned for the students from Sikkim. Interactive workshops were organized by various departments within the college campus. These workshops were aimed at sharing ideas that encourage scientific temperament among the students and making them aware of existent technologies that are being put to generous use in our campus. The exchange programme also encouraged awareness about the cultural diversity of the states. The students were taken for a visit to IIT and JNU campus. Excursion to various historical places of Delhi was organized which gave insight about the variety of cultures and traditions followed in Delhi. Along with this, the same group of students will be giving a traditional Sikkimese performance during the Annual Day celebration in the college today i.e. 17th April 2017.

An online photography competition highlighting the culture and tradition of Sikkim and Assam was also organized.

We hope that such participation from our college shall contribute to this noble effort.

## **National workshop on “Drug Discovery Technology — Computational Approaches in Drug Discovery & Design**

Department of Biomedical Science of Shaheed Rajguru College of Applied Sciences organized **Two day National workshop on “Drug Discovery Technology — Computational Approaches in Drug Discovery & Design”** on 12th and 13th January, 2017 in association with Bio-discovery Group. Participants, included faculty from Amity

University, Delhi University, Scientists, PhD Scholars, M.Sc and B.Sc students from various parts of the country.

The workshop was a hands on training programme and gave an insight of how the technology can be used in molecular recognition in biological systems. This workshop provided an overview of protein-ligand interactions and drug design principles. The audience got an opportunity to get familiar with all the techniques used in Genomics, Proteomics, Virtual Screening, Molecular Docking, Simulations & Dynamics, ADMET studies and participants also learned to use various software used for the same like ChemSketch, Openlabel, SPDBV, AutoDock, UCSF Chimera etc. Dr Indu Arora & Dr Manisha Khatri co-ordinated the workshop.

### **2nd National Conference on Understanding the Mechanism and challenges of Complex Diseases (UMCCD-2)**

The Department of Biomedical Science, Shaheed Rajguru College of Applied Sciences for Women, University of Delhi, organized DBT sponsored second National Conference on “Understanding the Mechanism and Challenges of Complex diseases (UMCCD-2017)” on 24th to 25th January, 2017. **Prof. Dr. Seyed Ehtesham Hasnain**, Vice Chancellor Jamia Hamdard University inaugurated the conference. **Dr. Suman Govil**, Advisor DBT was guest of honour and graced the occasion with her presence. Prominent Scientists like **Prof. Kanury V. S. Rao**, Director THSTI, **Prof. Chinmay S. Mukhopadhyay**, Special Center for Molecular Medicine, JNU, **Dr. Anurag Agrawal**, Scientist CSIR, IGIB, **Dr. Devesh Bhardwaj**, Associate Vice President, Mankind Research many more were speakers for this conference. This was a well-attended mega event with delegates from different Colleges of University of Delhi, Delhi Technological University, Amity University, West Bengal University, Dayalbagh University, Agra and other renowned Institutes and Universities of the country.

### **National conference on Recent Trends in Instrumentation and Electronics (RTIE-2016)**

Department of instrumentation in collaboration with Department of Electronics organized the 2nd National conference on Recent Trends

in Instrumentation and Electronics (RTIE-2016) on 5th and 6th October, 2016. This conference was supported by IEEE EDS Delhi Chapter. The conference was co-sponsored by UGC, DBT Star College Scheme, and Tipzin. It was inaugurated by Guest of Honor, Prof. M Jagadesh Kumar, Vice-Chancellor, Jawaharlal Nehru University. Invited talks were delivered by eminent academicians and people from various industries.

### **Initiatives of IQAC in 2016-2017**

Since its inception, the Internal Quality Assurance Cell (IQAC) of the college has endeavoured to continuously work towards the enhancement of the institution. The development of a Central Data Bank of the college, which includes the details of student, faculty and alumni was initiated last year. In the past year, the Central Data Bank was further enhanced. A software for alumni portal and student data bank has been keenly developed by our faculty and students. The IQAC has also undertaken the analysis of end semester results. The committee is also in the process of developing a Quality Manual for the college. The student and parent feedback taken in the previous year was also analyzed during this academic year.

A talk on “Career Crises and Counseling in Today’s Time” was organized on 17th Feb 2017.

### **Adaptation of Student Council Constitution**

The Student Council Constitution was released and adapted on 10th February 2017 in a ceremony graced by Ms. Monika Arora (Advocate, Supreme Court) as the Chief Guest. The Drafting Committee of the Student Council Constitution consisted of Dr. Indu Arora (Cultural Secretary), Dr. Safdar Ali, Deergha Manocha (President and ex-Cultural Secretary, Student Council) and Kaavya Raveendran (Ex-President, Student Council). The Oath taking ceremony of the Student Council also took place on the same day. The event was marked by an encouraging speech by the Chief Guest, Ms. Monika Arora, on the topic “In the hour of Student Activism, are girls aware enough of their legal rights?”. The event culminated with an interactive session with the Chief Guest.

### **Passport Seva — Student Connect Program**

The college, in association with Regional Passport Office, Delhi, had organized a Passport Sewa Camp on 4th March 2017 to simplify the process of passport acquisition for the students and faculty members. The camp proved to be of great help for all of them, especially hostellers.

### **The Constitution Day**

As per the directives of Honorable HRM, the college celebrated in true spirit, the Constitution Day on November 26, 2016 by observing the Fundamental Duties enshrined in our Constitution. The students and staff members were addressed by Principal, Dr. Payal Mago emphasizing on 'Importance of Fundamental Duties' followed by a pledge to abide by and fulfill all the Fundamental Duties stated in the Constitution.

The Students actively participated in the essay writing competition on the same subject. The event was concluded by singing the National Anthem.

### **Youth Parliament**

SRCASW participated in the 13th National Youth Parliament Competition for Universities and Colleges by conducting a parliament session on 27th Aug 2017. Ex MP Mr Bratin Sengupta graced the occasion. The students raised various issues like sports infrastructure, cyber security and reservation system through debates and questions over a one hour session

### **Women Development Cell**

Activities undertaken by the Women Development Cell of the college in the present academic session are :

1. The college in association with SEWA (Self Employed Women's Association) organized a seminar on career counseling on 5th September 2016. The students were briefed about the need of developing job oriented skills along with their academic curriculum. The resource persons guided the students in keeping in mind the key parameters while choosing or applying for a job.

2. The college along with an organization Actozen, organized an hour long interactive seminar on Managing stress and mental health on 27th September 2016. The issues covered included body positivity, stress and mental health. These issues are very common in teenage girls nowadays and are a major cause of stress among them. The students discussed their experiences and participated actively in the activities that followed. The resource person Mr. Pranay Chaudhary briefed the students about the mobile app named Zena that helps in counseling the students about these issues.
3. The Women Development Cell of the college has initiated the process of appointing a “Gender Champion” amongst the students. The cell has also instigated the process of “Gender Audit” in the college.

### **Entrepreneurship Development Cell**

To encourage budding managers & entrepreneurs in and around Delhi University Colleges, the E-cell of college organized a management fest entitled CONQUEST on 30th March, 2017. The fest was inaugurated with technical session of experienced speakers namely Ms Aastha Aryika, Ms Tripti Bansal and Dr S Lakshmi Devi.

Apart from the Expert Talk Series, fest witnessed a series of competitive events related to the management skills aimed at providing participants the exposure to the real world work experience. The following were the list of events for CONQUEST, 2017: B Plan Competition, E Quiz, E-trapped, GD and Lets commercialize.

The event was a great success and saw participation from various colleges from across Delhi University as well as other colleges in Delhi and NCR.

The team of ED Cell participated in NEC organised by IIT Mumbai at intermediate level and was among top 5 colleges out of 50 participated. We hope to bring more laurels to our college through our E-cell in future.

### **Innovation Projects**

Fifteen innovation projects assigned under the Innovation Projects Scheme of the University of Delhi were successfully completed in the year 2016.

## National Service Scheme

National Service Scheme, under the Ministry of Youth Affairs & Sports Govt. of India, popularly known as NSS was launched in Gandhiji's Birth Centenary Year 1969 with primary focus on the development of personality of students through community service. Today, NSS has more than 3.6 million student volunteers in India. Following different activities were organised in the academic session (2016-17) :

1. **International Yoga Day** was celebrated in the college campus on June 21, 2016 to bring awareness about health benefits of Yoga.
2. **Help in College Admission:** The NSS volunteers set up a helpdesk in the college foyer for students coming for admission.
3. **Slogan Writing Competition** was organized on the occasion of 70th Independence Day on 15 August, 2016 on the topic "Yaadkarokurbani" & "Aazadi 70".
4. **Swachhta Abhiyan:** NSS volunteers adopted DDA market, Vasundhra Enclave and Noida Mor, near the college and carried out a cleanliness drive (1st September 2016). They spread the word of cleanliness with the help of placards& by cleaning the area themselves. Some of the students also went to INDIA GATE for the march.
5. **NSS Orientation Day** was organised in the college on 19 September, 2016. Dr.(Mrs.)Parminder Sehgal, the Programme coordinator of whole NSS Body of Delhi, graced the event and gave a presentation touching various fields where NSS has worked. Ex-president Monika Gupta presented the annual report of the session 2015-2016 along with a short documentary on slum teaching.
6. **NSS Day** was celebrated on 24th September,2016 on the theme "Ill Effect of Drug Addiction". It included a slogan writing competition and Nukkad Natak to spread awareness on the ill effects of drug addiction.
7. **Graffiti Competition:** The NSS Team of the college organised the Graffiti competition on 20th October. The theme for the Graffiti
8. *Shaheed Rajguru College of Applied Sciences for Women, Delhi*



art was matdata. This was organized as a part of the matdata month — October to generate awareness among students regarding the importance of casting votes. The event was graced by Mr CHARANJIT SINGH ARORA, sub divisional magistrate of east Delhi area. This was accompanied by voter card drive.

8. **Plastic Collection drive:** Collection of plastic water bottles was organised in the college during 24th October -26th October 2016, which were used for making innovative articles by ENACTUS.
9. **Collection of Stationery:** NSS unit of the college organized a collection drive on 22 September 2016 in which students donated stationery items. In the same way collection drive on “winter clothes” and later on distribution was done by the NSS volunteers in Dallupura and Kalyanpuri areas.
10. **Ekta Divas was** celebrated on 3rd November, 2016. The NSS volunteers pledged to always stay united and help each other. The pledge was followed by a rally in the adjacent market in order to promote the idea of “Unity is Strength”.
11. **Old Age Home/Orphanage Visit:** NSS Team visited SAI KIRPA ORPHANAGE on the eve of Diwali on 27th October 2016 to interact with the children and celebrate Diwali with them. A short awareness session on NO USE OF CRACKERS was also organised.
12. **Literacy drive:** NSS volunteers of the college have been teaching 30 underprivileged children in the college premises since past 2 years. A sports day was organized for these students along with college sports fest “SPARDHHA 2017”.
13. **Stall on Diwali Mela:** On the occasion of Diwali mela at the college campus, game stalls were put up like Card luck game, Fence the cookies and Guess the weight.
14. **Vermicomposting:** has been carried out for the past two years. Two pits of organic waste have been converted into compost.
15. **IRSC (Indian Road Safety Campaign) Orientation:** An awareness talk was organised on road safety on 25th October, 2016. The guests for the event were Mr. Rishi Pal, DCP, Delhi, Mr. Amar

Srivastav and Ms.Sonalikumara of I.R.S.C. and Mr. Mohammad Imran, founder trustee of the Safe Road Foundation.

16. **Quiz on Road Safety:** A quiz was organised on 19th October, 2016 for the college students on the topic “Road Safety”.
17. **Self Defence Camp:** was organised in collaboration with Delhi Police in the month of February, 2017 for ten days. 62 students benefited from this camp.
18. **HIV/AIDS Seminar** was conducted on 3 February 2017 to make the college students aware about the same. The prominent guest speakers included Mr. R.K Tyagi, District Programme Officer, Delhi AIDS Control Program Department, Mr. Amit Kumar Verma, MND expert and Ms.Anisha, Counsellor, LalBahadurShashtri Hospital.
19. **Vittiya Saksherta Abhiyan/workshop** was conducted from 12 Dec.-12 Jan for 60 College’s non-teaching staff and “Safayi Karamchari”. Volunteers went to market to interact directly with shopkeepers to avail the facilities like Cashless transactions.
20. **Voter’s Day** was celebrated on 25th January 2017 in the college premises in which students took pledge to cast their vote.
21. **National Youth Forum on Drug Use Prevention:** Two volunteers (Sweta and Shruti) went to the forum at “Vishwa Yuvak Kendra”, Chanakyapuri, New Delhi to participate in the panel discussion and lecture series.
22. **Republic Day Parade Camp (2017):** Ms. Sweta (FT 3rd Year), NSS President, represented Delhi State in the prestigious Republic Day Parade 2017. She attended a month long camp (1st Jan-31st Jan.’17) in New Delhi where she met various eminent personalities including the President of India, Shri Pranab Mukherjee, the Vice President, Moh. Hamid Ansari, the Prime Minister of India, Shri Narendra Modi.
23. **Karvaan (2016-17):** NSS unit put up stalls during Annual Cultural Fest of SRCASW in which banners related to social issues were put up to spread the awareness.

24. **Mental Health Awareness Lecture:** was delivered by Dr. Roma Kumar ,Senior Psychologist at Max Hospital and Ganga Ram Hospital on 3rd March 2017.
25. **Workshop on Disaster Management:** Ms. Venika Gupta, Dr. Bimla Pawar, Ms. Shorya and Ms. Manisha Khandelwal attended an Intensive Training in Disaster & Crisis Management, Basic Life Support, Emergency First Aid organised by National Task Force for Management (A Unit of AIFPDM) on 31 March,2017.
26. **Talk on PCOD (Polycystic Ovarian Disease)** NSS unit organized a talk on PCOD on 7th April, 2017 by Dr. Vandana Bhatia, Senior Consultant, South End Fertility and IVF Centre, Delhi.
27. **Eye Check-up Camp:** was organised by Eye Health Clinic on 11th April, 2017.
28. **Talk on Vermi-composting was delivered** by Dr. B.C Sabata, Senior Scientific Officer, Dept. of Environment, Govt. of NCTD on 12th April, 2017.
29. **Talent Hunt** was organised for the underprivileged kids on 12th April, 2017. NSS unit of our college have been active throughout the year and the volunteers are working really hard to make a difference in the society.

### **Eco Club**

The Eco club of our College aims towards sensitization and awareness towards various environmental concerns. To fulfill this objective several activities were undertaken in the current year :

- Tree plantation drive involving students periodically.
- Best out of waste articles.
- Innovative note pads made from waste paper.
- Innovative dustbins made from waste material.
- Poster Designing on the theme: How to have Eco friendly Campus
- Pot decoration using waste.

- Several project depicting environmental issues were made. Some of them are :
  1. Energy saving fountain
  2. Homemade pH indicator Kit:An approach to green chemistry
  3. Adulteration Kit
  4. Herbal cosmetics.
  5. Hydraulic arm: Step for sustainable Environment
- Eco day is also celebrated to further highlight the significance of clean environment where in following activities are carried out:
  1. Environmental Quiz
  2. Debate
  3. Slogan Writing
  4. Treasure hunt
  5. Herbal drinks and food preparation
  6. Herbal rangoli

A team of 20 student of Ecoclub participated in a project ‘sanitation and health : the need of hour’, a TERI and Genpact initiative where in the team won 3rd prize and a cash amount of Rs 25000.all across Delhi and NCR region.

## **Departmental Activities**

### **Department of Biomedical Science**

- Outreach activity organized on 30th August 2016 for Ahlcon Public School students of class XII.
- An educational trip to Dabur Industry for final year students of B.Sc (H) Biomedical Science on 23rd September, 2016 was organized.
- World pharmacy week was organized on 9th September 2016 in the department. Dr.Y.K.Gupta (H.O.D. of Department of Pharmacy, AIIMS) was the guest speaker and talked about the various stages of drug discovery and methods of administrations.
- Two day National workshop on “Drug Discovery Technology — Computational Approaches in Drug Discovery & Design” on 12th

and 13th January, 2017 in association with Bio-discovery Group was organized. It was hands on training programme in which 65 participants were present which included faculty from Amity University, University of Delhi , Scientists, Ph.D. Scholars, M.Sc. and B.Sc. students from various parts of the country.

- 2nd National Conference on Understanding the Mechanism and challenges of Complex Diseases (UMCCD-2) on 24th-25th January, 2017 sponsored by Department of Biotechnology, Government of India.
- Visit to National Brain Research Centre, Manesar, Gurugram.
- The department organized the annual departmental fest ‘**PLEXUS**’ on 21st October 2016 on the theme ‘**Radiopharmaceuticals — Pharmaceutical formulations consisting of radioactive substances**’. The event was inaugurated by **Dr. Arun Malhotra, Dr. Anil Kumar** and Dr. Payal Mago, Principal, SRCASW. A talk on Radiopharmacy and Nuclear Medicine was delivered by the guests.

### **Department of Chemistry**

- Inaugurated Chemical Society “Alchemy”, by Professor Gurmeet Singh, Head, Department of Chemistry University of Delhi.
- Organized a talk on “What is Success” by Dr. S. Lakshmi Devi, Founder Principal, Shaheed Rajguru College of Applied Sciences of Women, University of Delhi.

### **Department of Computer Science**

- Organized one-day seminar for the students of B.Tech Computer Science on 28th September 2016 in association with Cocubes.com.
- Organized one-day seminar for final year students to enlighten them about different fields in I.T. and a range of opportunities that they can pursue after graduation. The seminar was delivered by Mr. R. Chadha, Director Landmark Institute on 3rd February 2016.

- Organized annual IT festival “Tech Melange’ 2016” on 20th October 2016. This technical extravaganza was a perfect confluence of technology, creativity and fun. The event was inaugurated by one of our alumnus -Ms. Diksha Mishra. The event had an array of technical and non-technical events, including an online riddle event BRAINWRECK, and witnessed a whopping participation of more than 400 students from more than 25 institutes across Delhi-NCR.
- Organized a departmental trip to Nainital and Jim Corbett Park, Uttarakhand from 29.03.2017 to 01.04.2017.
- Organized a computer literacy program for the students of underprivileged section of the society for the session September 2016 to November 2016 and another ongoing session from January. 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 pre-requisite.
- Organized one-day workshop on “Big Data Hadoop” on 23.09.2016 in association with CETPA Infotech Pvt. Ltd.
- Organized a workshop on Basic Computer Skills, Microsoft Word and Excel from 6th -20th June 2016.
- Organized a computer training session for non-teaching staff of the college from 28.11.2016-16.12.2016. The main focus of the workshop was to provide hands on sessions covering Microsoft Office packages like MS Word, PowerPoint and Excel.
- Organized a workshop on “Vittiya Saksharta Abhiyan” from 19.12.2016 to 20.12.2016 for non-teaching staff, NSS volunteer, housekeeping staff and guards of the college.
- Organized Digital Empowerment for Homemakers (DEH) programme in association with SakhiSaheli, 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.

- Students of B.Tech., CS (4th year) visited the Central Pollution Control Board at Karkardooma, Delhi on 11th April 2017. This visit was regarding the course “Environmental Engineering” under Mr. Manoj. The objective was to provide students with the exposure of monitoring systems of air and water pollution in India. The students were shown the air, water and bio labs and sophisticated instruments used in the processes. It not only provided them with more knowledge about the subject but also gave an insight into the Ganga initiatives like Ganga Manthan.

### **Department of Electronics**

- Department of Electronics organized a seminar on “The Introduction to MATLAB and SIMULINK” by CETPA on 9th September 2016. Mr. Issan Verma, the speaker, enlightened the students about how MATLAB & Simulink has become an important tool used in many academic institutions and industries to achieve optimized results in problem-solving situations.
- Department of Electronics and Department of Instrumentation organized a two day National Conference on Recent Trends in Instrumentation and Electronics on 5th and 6th October, 2016 at Shaheed Rajguru College of Applied Sciences for Women.
- Department of Electronics organized its Annual Technical fest “Electromania Ablaze” on 21st October 2016. Our chief guest Ms. Gunjan Bansal, alumni of our college and currently working with TCS as a Project Leader, shared her experience about the association with college. Students from more than 17 colleges participated in various technical competitive events to make it a success.
- A talk was organized on “Personality Development — The Practical Way” by Mr. Praveen Khanna, from Career Launcher on 14th January, 2017. He talked about various fields open for students after graduation, the Challenges one faces in their professional growth and how to overcome those challenges. The talk was very engaging, precise and effective to the students.

- One day industrial visit to “SSPL-Solid State Physics Laboratory” on 2nd March 2017. SSPL is a laboratory under the aegis of Defence Research & Development Organization (DRDO). The visit exposed the students to the technical aspects of electronic materials. It gave an insight to characterization, synthesizing and fabrication part of the material.
- Nearly all the faculty of the Department of Electronics has been associated with the various innovation projects sanctioned by Delhi University.

### **Department of Food Technology**

- Students participated in Quiz and Skit competition organized by CII FACE under “SURAKSHIT KHADYA ABHIYAN” at Teen Murti Auditorium, Nehru Memorial Museum on **13th August 2016**.
- 13 students participated in various events in “**National Nutrition Week**” celebrated by Institute of Home Economics, University of Delhi on **2nd September 2016**.
- **2 students secured first position in National Nutrition Week organized by Manav Rachna International University on 7th September, 2016.**
- **2 faculty member and students attended one day conference** organized by AFSTI (Association of food scientists and technologists India), CTFR (Council for traditional food research) and Bhartiya Dharohar at Constitutional club, Mavalankar Hall New Delhi on **16th October, 2016**.
- Students attended the Lecture organized by FSSAI in collaboration with CHIFSS at Indian Habitat Centre on **19th October, 2016**.
- The Department celebrated “**World Food day**” on **21st October 2016** with great enthusiasm.
- Organized 2 days visit to **FARE LAB PVT LTD**. Gurgaon on **24-25th October, 2016**



- The Department undertook an entrepreneurial project on an experimental basis named “**Healthy Bites**” to serve the dual purpose of providing nutritious and healthy food and beverages to the college students and staff at an affordable cost within the premises.
- **Students participated and performed a skit in Programme “Swachta Pakhwada”** organized by Ministry of Food Processing Industry, Government of India on **26th October, 2016**
- Organized an industrial visit to **HALDIRAMS SNACKS PVT. LTD. on 7th November, 2016.**
- The students and faculty Members attended the **72nd Annual Conference on “LEVY of GST on Processed Foods”** & Award Function was organized at the auditorium of New Delhi YMCA on **15th December, 2016.**
- **Ms. Kritika Aggarwal, of B.Sc Food Technology was awarded ‘Italian Technical Services Food Safety Silver Medal’ for the year 2015 during 72nd Annual Conference of AIFPA on 15th December, 2016.**
- The students and a faculty member attended three days lecture series on “**CODEX : Principles and Practices**” at Bhaskaracharya College of Applied Science from **12-14th Jan, 2017.**The seminar was organized under Star college scheme in collaboration with AFSTI, Delhi chapter.
- Organized an industrial visit to “National dairy Research Institute, Karnal” on **3rd March, 2017.**
- **The students and faculty members attended National Seminar on “Recent Developments in Food Processing Technology and Opportunities of Foreign Direct Investment (FDI) in Food Retail”** organized by All India Food Processors’ Association in New Delhi.
- The students and faculty members visited the **Annual National Food Expo ‘Food India’ during Aahaar 2017** in Pragati Maidan, New Delhi.

- Organized an industrial visit to **Mother Dairy, Patparganj Delhi on 6th April, 2017.**
- Organised industrial visit to **Gogia Chemicals Industries Pvt. Ltd., Greater Noida on 10th April 2017.**

### **Department of Instrumentation**

- Department of Instrumentation organized a two day industrial tour to Central Scientific Instruments Organization (CSIO), Chandigarh on 14th-15th April, 2016 for second and third year students of Instrumentation.
- Department of Instrumentation and Robotics club of Shaheed Rajguru College of Applied Sciences for Women (University of Delhi) in association with IEEE EDS Delhi chapter and Futuronix Automation Pvt Ltd, organized one week short course on PLC and SCADA from 25th May 2016-31st May 2016. The event was co-sponsored by IEEE EDS Delhi Chapter and DBT Star College Scheme.
- Department of Instrumentation organized a Seminar on Virtual Instrumentation on 7th September. The seminar was given by Mr. Avneesh Sinha, Sr. Application Engineer from TRIDENT TECHLABS, Delhi. Seminar included Virtual Instrumentation Using NI Lab VIEW, Real time Data Acquisition and recording Using NI Lab VIEW, NI Lab VIEW in the field of communication, Control application using NI Lab VIEW.
- Department of instrumentation in collaboration with Department of Electronics organized the 2nd National conference on Recent Trends in Instrumentation and Electronics (RTIE-2016) on 5th and 6th October, 2016. This conference was supported by IEEE EDS Delhi Chapter. The conference was co-sponsored by UGC, DBT Star College Scheme, and Tipzin. It was inaugurated by Guest of Honor, Prof. M Jagadesh Kumar, Vice-Chancellor, Jawaharlal Nehru University. Invited talks were delivered by eminent academicians and people from various industries.

- Department of Instrumentation of Shaheed Rajguru College of Applied Sciences for Women organized its annual technical fest, Technexus 2k16, on 20th October, 2016. The fest is organized every year with the objective to provide platform for the students to showcase their talent with a competitive spirit.
- Department of Instrumentation in collaboration with IEEE-EDS Delhi Chapter organized IEEE-EDS Distinguished Lecturer Talk on “CMOS Transistors — Operation, Scaling, Reliability and Way Forward on 23rd January 2017” by Prof. Souvik Mahapatra from Department of Electrical Engineering IIT Bombay .The lecture had participation of around two hundred Students and Faculty Members from different colleges of Delhi University. The event was supported by DBT star college funding.
- Department of Instrumentation organized a talk cum placement drive on “Evolution in Modern Technologies” on 14th Feb, 2017. The seminar was attended by final year students of Instrumentation, Electronics and computer science departments along with 2nd and 1st year students of Instrumentation department. The talk was delivered by Mr. Rajeev Tiwari, Director, Tevatron Technologies.
- Department of Instrumentation organized 2 day educational visit to Semiconductor Laboratory, Chandigarh on 11th and 12th April 2017. In all 36 students from B.Sc. (H) Instrumentation IV sem and VI sem went for the visit along with 3 faculty members : Dr. Sneha Kabra, Ms. Nidhi Aggarwal and Ms. Reshma Sinha.

### **Department of Mathematics**

- Department of Mathematics invited **Prof. V. Ravichandran**, Head, Department of Mathematics, University of Delhi to inaugurate the Mathematical Society of the college ‘**RAMANARYA**’ on October 3, 2016.He talked on “Paradoxes in Mathematics”. His talk enthused the students & motivated them to pursue higher studies in Mathematics.

- On February 7, 2017, **Dr. S. Lakshmi Devi**, Founder Principal, Shaheed Rajguru College of Applied Sciences for Women delivered a talk on ‘**Success**’. Her talk was an eye opener as the meaning of success is completely changed amongst the youth today. The students enjoyed the talk and learned to appreciate small moments of happiness and achievement.

### Department of Physics

- Organized a workshop on “**Computer Interfaced Science Experiments**” using *expeyes.in* on **26th September 2016**. The Eminent Speaker for the workshop was **Dr. B. P. Ajith Kumar (Scientist-H)**, Inter University Accelerator Centre, New Delhi.
- Organized a visit to various research laboratories of National Physical Laboratory (NPL), New Delhi on **05th January 2017**.
- Few selected students attended the workshop on “**Observing Nuclear processes from Zeptosecond to Picosecond Time Scale**” at Inter University Accelerator Center (IUAC), New Delhi on **18th February 2017**. There they got the exposure to the accelerator based research. The students had insightful discussions with eminent scientists like Dr. D. Kanjilal (Director, IUAC), Dr. Amit Roy (Former Director, IUAC and Raja Ramanna Fellow, VECC-Kolkata), Prof. Ajoy Ghatak (Former Head Department of Physics, IIT Delhi), Dr. G. K. Mehta (Former Director, IUAC, New Delhi).
- On behalf of **National Science Day** celebration on **28th February 2017** at Inter University Accelerator Center (IUAC), New Delhi, students visited the research labs and learnt about modern techniques like Control & function of Pelletron Accelerator, RBS, AMS-Carbon Dating, PIXE, X-ray diffraction, AFM, SEM, HYRA, NAND, INGA.

### Academic Achievements and Activities of Teaching Faculty

#### Dr. Payal Mago, Principal

- Completed second term as UGC Standing Committee member of Women Study Centres.

- Nominated as *Visitor nominee in Executive Council of Central University of Haryana*.
- Nominated as member on the Advisory Board of Women Study Centers of Calcutta University, Uttakal University, Kurukshetra University; Tiagraj College Madurai (Tamil Nadu); Lady Doak College Madurai (Tamil Nadu) and DAV College, Yamuna Nagar.
- Received Life Time achievement award for outstanding contribution in the area of educational planning and administration besides gender development by Women's agency for generating employment and confederation of Indian Universities (CIU).
- Delivered invited talks on the following topics :
  1. Gender Sensitization — an important component to include in curriculum, Calcutta University.
  2. Female feticide — horror of Haryana, Kurukshetra University.
  3. Woman in Smart Cities — Impact and Challenges, Tiagraj College, Madurai (Tamil Nadu).
  4. Gender equality — need for society, Sri Aurobindo College, University of Delhi.
  5. Impact of Female feticide on the social ethos of Haryana & Punjab — Case studies, DAV College, Yamuna Nagar.

## **Department of Biochemistry**

### **Dr. Sadhna Jain, Associate Professor**

- Attended International Conference on Nutraceuticals and functional Foods- The Challenges and Opportunities held at Anand Agricultural University, Anand, Gujarat from 6-8 December 2016.
- Member of Organising Committee for the conference *Recent Trends in Instrumentation and Electronics- RTIE 2016*, 5-6 October 2016.
- Did a training program on Sensitization Programme regarding North East India conducted by Directorate of Training, Union territories, Civil Services, Government of NCT of Delhi from 7-8 September 2016

- Innovation Project entitled **Biochemical Evaluation of Sprouted Fenugreek seeds for Nutraceutical Management of Type 2 Diabetes using in-vitro assay** was awarded the certificate of Most Significant Societal Impact at Convocation Ceremony held at University of Delhi held on 19th November 2016.

### **Department of Biology**

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

- Was conferred state Meritorious Teacher award for the year 2015-16 by Govt. of NCT of Delhi.
- Completed innovation project of University of Delhi entitled :’ Synthesis of magnetic nano particles for treatment of tumors’.
- Was convener of an year long project entitled :’ Sanitation and Health : The need of hour’ conducted by TERI and Genpact, a joint initiative, a youth program on leadership and business sustainability. And this project won 3rd position and a cash prize of Rs 25000.
- Attended a three day workshop on ‘ Procurement Process and Purchase’ organised by Govt. of NCT of Delhi.
- Attended two day conference on ‘Understanding the mechanism and challenges of complex diseases ‘ sponsored by UGC and DBT held in the college on 24th-25th jan 2017.

### **Department of Biomedical Science**

#### **Dr. Varsha Mehra, Assistant Professor**

- Presented a paper entitled “Synergistic and antibacterial potential and total bioactive component determination of *elletaria-cardamomum*, *pipernigrum* and *aromaticumsyzygium*” at the 13th World Biotechnology Congress at SanFrancisco, USA( 27-30th November 2016).
- **Convenor**, 2nd National Conference on” Understanding the Mechanism and Challenges of Complex diseases: UMCCD-2017” in the College (24-25th January 2017).

- Successfully completed one year Innovation Project of Innovation project sanctioned by University of Delhi for the year, as Principal investigator for the year 2016-2017 entitled “**Bioactive component quantification and inhibitory activity of *MurrayaKoenigii* (Curry leaf) extracts against key enzymes linked to the pathology and complications of type 2 diabetes**”.
- **Published a research paper** “Trials and Tribulations of Tuberculosis Research: Can Plant Based Drug(s) be the solution?” Smita Mishra, Manisha Khatri and **Varsha Mehra**. Chem. Biol. Lett. 2017, 4(1), 33-47.
- Attended three day Training Programme in Science Communication organized By the Centre for Science Education and Communication, University of Delhi (20-22nd December 2016).
- Attended World Girl Child Education and Empowerment Summit organized by the Women’s Agency for Generating Employment on 8th March 2017 at the IIC, Delhi.

#### **Dr. Shruti Banswal, Assistant Professor**

- Successfully completed innovation project isolation and characterisation of halotolerant bacteria from saline soil with Urmil Bharti and BMS and CS students.

#### **Dr. Saquib Ansari, Assistant Professor**

- Co-Investigator for successfully completed Innovation research project entitled *Complexicity of repeat sequences in differential genomes of plant/animal infecting viruses*, funded by University of Delhi (2015-2016).

#### **Dr Indu Arora, Assistant Professor**

- Published a paper entitled “*Enhancement in the Neuroprotective Power of Riluzole Against Cerebral Ischemia Using a Brain Targeted Drug Delivery Vehicle*” in ACS Applied Materials & Interfaces.

- Successfully completed one year Innovation Project of Innovation project sanctioned by University of Delhi for the year, as Principal investigator for the year 2016-2017 entitled “Transition metal based spinel oxide-graphene nanoribbon composites for removal of pesticide from water”
- Organized and Participated in 2-day National Workshop on Drug Discovery Technology- Computational approaches in Drug Discovery and Design on 12th and 13th January, 2017 organized by the Department of Biomedical science, SRCASW.
- Co-convener of the 2nd National Conference on Understanding the Mechanism and challenges of Complex Diseases (UMCCD-2) on 24th-25th January, 2017 sponsored by Department of Biotechnology, Government of India.
- Presented a poster entitled “*Transition metal based spinel oxide-graphene nanoribbon composites for removal of pesticide from water*” in International Conference and outreach program on “Environment and Ecology : Sustainability and challenges” (ENCON 2017) on 4-6th January, 2017 held at Sri Venkateswara College, University of Delhi, New Delhi.
- Presented a poster entitled “*An economical nanotechnology approach to remove pesticides from waste water bodies causing acute and chronic toxicity to human health*” in 2nd National Conference on Understanding the Mechanism and challenges of Complex Diseases (UMCCD-2) on 24th-25th January, 2017 sponsored by Department of Biotechnology, Government of India.
- Presented poster in 2nd International Conference on Bridging Innovations in Pharmaceutical, Medical and Bio Sciences (INNOPHARM 2) entitled “*Synthesis and characterization of silver and gold nanoparticles using plant extract of ruta graveolens linn. sudab rutaceae*” in Feb 2017.
- Organized a student exchange program under “Ek Bharat Shresth Bharat Programme” of Govt. of India.



### **Dr. Manisha Khatri, Assistant Professor**

- Successfully completed one year Innovation Project of Innovation project sanctioned by University of Delhi for the year, as Principal investigator for the year 2016-2017 entitled “Design, Synthesis and evaluation of anti-diabetic activity of substituted alkyl carboxylic acid derivatives as GPR40 agonists”.
- Participated in two day workshop in Drug discovery and designing conducted at AIIMS, New Delhi (18th – 19th September, 2016).
- Published a review article entitled “Trials and Tribulations of Tuberculosis Research: Can Plant Based Drug(s) be the solution?” Smita Mishra, **Manisha Khatri** and Varsha Mehra. Chem. Biol. Lett. 2017, 4(1), 33-47
- Organized two day training in “Drug Discovery Technologies — Computational Approaches in Drug Discovery and Design” at Shaheed Rajguru College (12th – 13th January, 2017)
- Organizing Secretary, 2nd National Conference on” Understanding the Mechanism and Challenges of Complex diseases: UMCCD-2017” in the College (24-25th January 2017).
- Presented a poster entitled “Design, Synthesis and Evaluation of antidiabetic activity of new substituted alkyl carboxylic acid derivatives” in the 8th International symposium on Current trends in Pharmaceutical Sciences: Advances in New Drug Discovery and Development organized by ZydusCadila, Ahemdabad, Gujrat (2nd to 4th February, 2017).

### **Dr. Safdar Ali, Assistant Professor**

- Published a paper entitled “Ascertaining the genetic status of the chromium exposed human y chromosome” *International Journal of Advanced Technology in Engineering and Science*, (2016)4(1):127-137. ISSN 2348 7550.
- Presented a paper entitled “Ascertaining the genetic status of the chromium exposed human y chromosome” at the **5th International Conference on Science, Technology and**

**Management (ICSTM-16)** on 30/07/16 at India International Center, New Delhi.

**Dr. Parvinder Kaur, Assistant Professor**

- Participated in 2-day National Workshop on Drug Discovery Technology- Computational approaches in Drug Discovery and Design on 12th and 13th January, 2017 organized by the Department of Biomedical science, SRCASW.
- Poster presented in International Conference and outreach program on “Environment and Ecology : Sustainability and challenges” (ENCON 2017) on 4-6th January, 2017 held at Sri Venkateswara College, University of Delhi, New Delhi.
- Organizing member of 2nd National Conference on Understanding the Mechanism and challenges of Complex Diseases (UMCCD-2) on 24th-25th January, 2017 sponsored by Department of Biotechnology, Government of India.
- Poster presented in 2nd National Conference on Understanding the Mechanism and challenges of Complex Diseases (UMCCD-2) on 24th-25th January, 2017 sponsored by DBT, Government of India.
- Member of Food Committee in SRCASW.

**Department of Chemistry**

**Dr. Jasjeet Kaur, Associate Professor**

- Published a research paper entitled, *Multimetal technique for detection of latent fingerprints: A review* in Egyptian Journal of Forensic Sciences, Volume 7, 2017.
- Poster presentation entitled, *Assessment and correlation of air quality index of east Delhi region with vital respiratory parameters of college students* at the National Conference on **Combating Industrial Pollution for Sustainable Environment — A Fusion of Industrial and Scientific Efforts**, held on September 22-23, 2016 at Gargi College, University of Delhi, Delhi.
- Presented a paper entitled, *Phase transfer catalysis in aid of fingerprint development*, at the Eighteenth **All India Conference**

**of Directors of Fingerprint Bureaux**, held on March 30-31, 2017 at *Haryana Police Academy, Karnal*.

- Participated in National Conference on **Innovations in Chemistry Laboratory Teaching**, held on February 8-9, 2017 at *Zakir Husain Delhi College, University of Delhi, Delhi*.

**Dr. Shuchi Dhingra, Assistant Professor**

- Presented a poster entitled “*Assessment and correlation of air quality index of East Delhi region with vital respiratory parameters of college students*” in National Conference on Combating Industrial Pollution for Sustainable Environment – A Fusion of Industrial and Scientific Efforts held on September 22 - 23, 2016 at Gargi College, University of Delhi, New Delhi.
- Participated in National Conference on **Innovations in Chemistry Laboratory Teaching**, held on February 8-9, 2017 at *Zakir Husain Delhi College, University of Delhi, Delhi*.
- Convener for Eco Day celebration, held on 22nd March 2017.

**Ms Neha Sagar, Assistant Professor**

- Participated in National Conference on **Innovations in Chemistry Laboratory Teaching**, held on February 8-9, 2017 at *Zakir Husain Delhi College, University of Delhi, Delhi*.

**Department of Computer Science**

**Dr Aakanksha, Assistant Professor in Senior Scale**

- Successfully completed project titled “Group based co-ordination for Information Exchange in Adhoc Networks” along with 12 other members under the scheme of Innovation Projects (2015-16) of University of Delhi. Sanctioned Amount — 4.5 lakhs.
- Attended “2017 Cisco Networking Academy Conference ,India” held at Radisson Blu, Noida on 6th and 7th February 2017
- Organizing member of the team for selection of students by Amazon for their Internship Programme through a written test.

- Organized one-day workshop on “Big Data Hadoop” on 23.09.2016 in association with CETPA Infotech Pvt. Ltd.

**Ms. Deepali Bajaj, Assistant Professor**

- Attended International Research Workshop on “Cloud Computing” (RWCC-2016) held on December 22-23, organized by School of Computer and Systems Sciences, Jawaharlal Nehru University, New Delhi.
- Attended workshop on “HPC Code Modernization (Parallelization)” at Department of Computer Science, University of Delhi, Delhi, on 15th Oct, 2016. The workshop was technically sponsored by Wipro Limited.
- Successfully completed Innovation project “Health Buddy- An Android based mobile app to track nutritional intake of young college students “.
- Poster of the Innovation project “Health Buddy- An Android based mobile app to track nutritional intake of young college students” was selected and displayed for Research Display on 19 November 2016 at Convocation Ceremony of University of Delhi.
- Published an article on “Role of Hadoop in Big Data Analytics “ in Computer Society of India Communications magazine Volume No. 41 | Issue No. 1 | April 2017 ISSN 0970-647X.

**Ms. Urmil Bharti, Assistant Professor**

- Published an article on “Role of Hadoop in Big Data Analytics “ in Computer Society of India Communications magazine Volume No. 41 | Issue No. 1 | April 2017 ISSN 0970-647X.
- Attended a talk on “Fusing Content and Structural Information for a Deeper Insight” delivered by **Professor Muhammad Abulaish** in Department of Computer Science, University of Delhi, held on 15th Mar, 2017.
- Attended International Research Workshop on “Cloud Computing” (RWCC-2016) held on December 22-23 & organized by School of

Computer and Systems Sciences, Jawaharlal Nehru University, New Delhi.

- Judged “Tech Talk” competition held on 11th Nov, 2016 in IT Fest “Technolympics” at Cambridge School, Noida.
- Attended workshop on “HPC Code Modernization (Parallelization)” at Department of Computer Science, University of Delhi, Delhi, on 15th Oct, 2016, where workshop was technically sponsored by Wipro Limited.

### **Ms. Tina Sachdeva, Assistant Professor**

- Attended week long Faculty Development Program in Algorithms(FDPA) organized by Department of Computer Science(University of Delhi) in collaboration with ACM India Education ACM Delhi NCR Chapter from 7th July 2016 to 13th July 2016.
- Was organizing member of Recent Trends in Electronics and Instrumentation (RTIE-2016) held on 5-6th October 2016 at Shaheed Rajguru College of Applied Sciences for Women.
- Tina Sachdeva, Nehal Sharma, ”Computation of Bandwidth Utilization in a Network File System”, Proceedings of RTIE-2016 held at Shaheed Rajguru College of Applied Sciences for Women held on 5-6th October 2016 ISBN: 978-1539305422.
- Attended National Seminar on “Spatial Data Analytics and Wireless Sensor Networks” organized by Department of Computer Science, Ram Lal Anand College on 24th January 2017
- Successfully completed project titled “Group based co-ordination for information exchange in adhoc networks” along with 12 other members under the scheme of Innovation Projects (2015-16) of University of Delhi. Sanctioned Amount — 4.5 lakhs.

### **Ms Asha Yadav, Assistant Professor**

- Attended two days international workshop on BIG DATA ANALYTICS in JNU on 17-18 March 2017.

- Conducted 2 days workshop on CASHLESS TRANSACTION for non teaching staff and housekeeping staff on 19-20 December 2016.
- Conducted workshop for non teaching staff on basic computer skills from 28.11.2016 to 16.12.2014.
- Organised industrial trip to DUCC for B.Sc. (H) computer science, II year students on 4th November 2016.

**Mr. Sumit Kumar, Assistant Professor**

- Completed and submitted the innovation project on Mobile phone based Attendance app: An innovative approach towards futuristic e-colleges in year 2016.
- Organized industrial trip to DUCC for B.Sc. (H) computer science, II year students on 4th November 2016.

**Ms. Seema Thakur, Assistant Professor**

- Attended two days international workshop on BIG DATA ANALYTICS in JNU on 17-18 March 2017.
- Conducted 2 days workshop on CASHLESS TRANSACTION for non teaching staff and housekeeping staff on 19-20 December 2016.
- Organised industrial trip to DUCC for BSc(H) computer science, II year students on 4th November 2016.

**Ms. Tulika, Assistant Professor**

- Organized an internship drive for IBM Live Projects. The drive was conducted in collaboration with IBM Business Partner Headstart on 27 February 2017. Total 285 students from various departments (Computer Science, Electronics, Instrumentation) participated in the drive.
- Attended one-day workshop on “Spatial Data Analytics and Wireless Sensor Networks” held on 24 January 2017. The workshop was organised by Department of Computer Science, Ram Lal Anand College, University of Delhi.

- Attended one-day workshop on “Big Data Hadoop” held on 23.09.2016 in Shaheed Rajguru College of Applied Sciences for women.

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

- Attended one-day workshop on **Capacity Building Workshop on e-content creation** organized by Institute of Lifelong Learning, September 2016.
- Attended five-day workshop on **PHP and MySQL** workshop organized by DUCC, December 2016.
- Organized AMCAT (world’s largest employability test) in college for B.Tech. students (All streams) for placement assistance powered by Aspiring Minds Pvt.Ltd, January 2017.

#### **Department of Electronics**

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

- Successfully completed the innovation project titled “**Impact of behavioural addiction to use of gadgets on physical and mental health of adolescent**”, which was funded by University of Delhi, in October 2016.
- Attended a one day training program on “**Disaster Crisis Management, Basic Life Support & Emergency First Aid**” organized by the *National Task Force for Disaster Management*, held on 31st March 2017 at International Guest House, University of Delhi.
- Attended the 10th edition of the **International Conference on Theory and Practice of Electronic Governance (ICEGOV)**, at Hotel Ashoka, New Delhi, India. The conference on “**Building Knowledge Societies: from Digital Government to Digital Empowerment**” was held from 7th to 9th March 2017, followed by a doctoral colloquium on 10th March 2017.
- Attended a two day “**National Conference on Recent Development in Electronics**”, NCRDE 2017 on 17th and 18th Feb 2017 at SP Jain Auditorium, South Campus, University of Delhi.

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

- Principal investigator in the innovation project titled “**Mobile phone based attendance app: an innovative approach towards futuristic e-colleges**” which was funded by University of Delhi and successfully completed in Oct’2016.

### **Dr Amita Kapoor, Associate Professor**

- Awarded Coursera Mentor for 6 months on 1 Jan 2017 for mentoring University of Pennsylvania Aerial Robotics course at Coursera.

#### *Publications :*

- Soni, Neha; Singh, Narotam; Kapoor, Amita; Sharma K, Enakshi, “Face recognition using Cloud Hopfield neural network”, International Conference on Advanced Computing and Intelligent Engineering (ICACIE 2016), December 2016, Odisha, India.
- Chawla, Suruchi; Kapoor, Amita; Sharma, Shallu; Shukla, Bhanvi; Gupta, Monica; Kaushik, Pragya; Pushkar, Shreshtha, "App based Garden Bot for Regulation of Water Level in plants.", International Research Journal of Engineering and Technology (IRJET) 10 (03), pp 1208-1212, Oct 2016, e-ISSN: 2395-0056
- Kapoor, Amita; Singh, Narotam, "Effect of Event Sequence on Intragroup Dynamics: Simulation Using Modified Hopfield Neural Network," in Advances in Computing, Communications and Informatics (ICACCI), 2016 International Conference on, Sep. 2016. IEEE XploreDOI: 10.1109/ICACCI.2016.7732168
- Sharma, Shalu; Chawla, Suruchi; Bachhtey, Shakshi; Shukla, Bhanvi; Gupta, Veni; Gupta, Monica; Kaushik, Pragya; Pushkar, Shreshtha; Seth, Shivani; Gandhi, Tanya; Varshney, Sheetal; Mehta, Saloni; Jha, Ruchika; Kapoor, Amita, "An Automatic Irrigation System Using Self-Made Soil Moisture Sensors and Android App.", in Advances in Computing, Communications and Informatics (ICACCI), 2016 International Conference on, Sep. 2016.



- Singh, Narotam; Varshney, Sheetal; Kapoor, Amita, “Centrality measures in close group of adolescent females and their association with individual character strengths”, IEEE/ACM international conference on Advances in Social Networks Analysis and Mining (P-ASONAM 2016), August 2016, San Francisco, USA. IEEE Xplore doi:10.1109/ASONAM.2016.7752314
- Singh, Narotam; Kapoor, Amita, “Know Vipallasa to conquer Asava”, in Bodhi Path, vol 11, pp 23-26, Jul 2016.
- Soni, Neha; Singh, Narotam; Kapoor, Amita; Sharma K, Enakshi, “Face recognition using Cloud Hopfield neural network”, IEEE International Conference on Wireless Communications Signal Processing and Networking (IEEE WiSPNET 2016), March 2016, Chennai, India, IEEE Xplore. doi:10.1109/WiSPNET.2016.7566167.

**Ms. Monika Tyagi, Assistant Professor**

- Attended 10th edition of the **International Conference on Theory and Practice of Electronic Governance (ICEGOV)**, held in Hotel Ashoka, New Delhi, India, between 7-9 March 2017, followed by a doctoral colloquium on 10 March 2017. The conference theme was “Building Knowledge Societies: from Digital Government to Digital Empowerment”.
- Principal investigator in the innovation project titled “**Mobile phone based attendance app: an innovative approach towards futuristic e-colleges**” which was funded by University of Delhi and successfully completed in October 2016.
- Attended a two day **National Conference on Recent Trends in Instrumentation and Electronics** on 5th and 6th Oct 2016 held at Shaheed Rajguru College of Applied Sciences for Women.

**Dr. Neha Katyal, Assistant Professor**

- Attended a two day **National Conference on Recent Development**

**in Electronics**, NCRDE 2017 on 17th and 18th Feb 2017 at SP Jain Auditorium, South Campus, University of Delhi.

- Associated with the innovation project titled “**Unravelling the genetic basis of Acute Myeloid Leukaemia (AML)**” which was funded by University of Delhi and successfully completed in October 2016.

**Ms. Sonia Ahlawat, Assistant Professor**

- Attended a Three Day **Master Training Programme on “Gender Budgeting”** from 23rd to 25th March, 2017 organised by NIESBUD.
- Attended the 10th edition of the **International Conference on Theory and Practice of Electronic Governance (ICEGOV)**, which took place in Hotel Ashoka, New Delhi, India, between 7-9 March 2017, followed by a doctoral colloquium on 10 March 2017. The conference theme was “Building Knowledge Societies: from Digital Government to Digital Empowerment”.
- Attended a two day **National Conference on Recent Development in Electronics**, NCRDE 2017 on 17th and 18th Feb 2017 at SP Jain Auditorium, South Campus, University of Delhi.
- Principle Investigator of the innovation project titled “**Synthesis and Characterization of magnetic nanoparticles for tumor treatment**” funded by University of Delhi and successfully completed in October 2016.
- Worked as a member for two day **National Conference on Recent Trends in Instrumentation and Electronics on 5th and 6th Oct 2016** held at Shaheed Rajguru College of Applied Science for Women.

**Mr. Deepak Jaiswal, Assistant Professor**

- Principle Investigator of the innovation project titled “**Complexity of repeat sequences in differential genomes of plant/animal infecting viruses**” funded by University of Delhi and successfully completed in Oct’2016.

## Department of Food Technology

### Dr. Deepa Joshi, Associate Professor

- Attended **one day conference** organized by AFSTI (Association of food scientists and technologists India), CTFR (Council for traditional food research) and Bhartiya Dharohar at Constitutional club, Mavalankar Hall, New Delhi on **16th October, 2016**.
- *Guided B.Tech students for following Projects:*
  1. Synthesis of Zinc oxide nanoparticles and studying their antibacterial properties on polycarbonate membrane.
  2. Impact assessment of Indian participation in international standard setting process.
  3. Study of anti-diabetic and antibacterial property of Fenugreek and potential application as nutraceuticals.
  4. Effect of irradiation on strawberries and subsequent shelf life analysis.

### Dr. Ranjana Singh, Associate Professor

- **Presented e-poster** on “Development of soy fortified Indian traditional snacks” in the 15th International Conference on Food Processing and Technology” held during **October 27-29, 2016 in Rome, Italy**.
- Organized and accompanied an industrial trip of food technology students to Haldiram Snacks Pvt Ltd at Noida in Nov 2016.
- Attended the National Seminar on ‘Recent Developments in Food Processing Technology and Opportunities of Foreign Direct Investment in Food Retail’, organised by AIFPA on 9th March, 2017 at New Delhi.
- Member of working group committee of CII, FACE under the project of “Surakshit Khadya Abhiyan”.
- Attended **one day conference** organized by AFSTI (Association of food scientists and technologists India), CTFR (Council for

traditional food research) and Bhartiya Dharohar at Constitutional club, Mavalankar Hall New Delhi on **16th October, 2016**.

- *Developed following New products during research and NPD Projects:* Date icecream, Banana Choco spread, Sapota jam, Tamarind Panna concentrate, Sweet potato chips, Sweet Potato spread, Kiwi nectar, Kiwi spread and Banana Muffins.

**Dr. Heena Lamba, Assistant Professor**

- Conducted an educational visit to Fare Labs on 25th Oct 2016 for B.Tech. Food Technology students.
- Presented Poster at XXV Indian Convention of Food Scientists & Technologists (ICFoST): Food Processing for Sustainable Agriculture and Industry, 10th-12th November, 2016 at GNDU, Amritsar.
- Presented Poster of the Innovation Project at DU Convocation Ceremony on 19th Nov 2016 for which the project had won award of ‘Most Significant Societal Impact’.
- Attended 72nd Annual Conference on ‘Levy of GST on Processed Foods’ and Award Function of AIFPA at New Delhi on 15th Dec 2016.
- Published a Research Paper : Jain, S., Saxena P. and Lamba, H. (2017). Effect of sprouting time on antioxidant properties of *Trigonella foenum-graecum* (fenugreek) seeds available in Delhi-NCR region. *International Journal of Current Research and Review*, 9(05):33-37.
- Conducted a day educational visit to ICAR-National Dairy Research Institute on 3rd March 2017 for B.Sc. Food Technology students.
- Attended National Seminar on Recent Developments in Food Processing Technology and opportunities of Foreign Direct Investment in food retail on 9th March 2017 in Conference Hall no 8, PragatiMaidan, New Delhi during Aahar-2017.

- An active member of NGO ‘Divya Jyoti Jagriti Sansthan’ and participated in its activities as anchor on Independence Day 2016 and International Women’s Day 2017.
- Ph.D. thesis selected for ‘Best Thesis Award 2017’ by ICAR-National Dairy Research Institute.
- Ph.D. degree was awarded on 4th March, 2017 at ICAR-NDRI, Karnal.

#### **Dr. Vandana Thakur, Assistant Professor**

- Visited “**FARE LABS Pvt. Ltd, Gurgaon**” with the students of B. Tech and B. Sc. (H) Food Technology in October 2016
- Attended National Seminar on “**Recent Developments in Food Processing Technology and Opportunities of Foreign Direct Investment (FDI) in Food Retail**” organized by **All India Food Processors’ Association in New Delhi**.
- Visited the **Annual National Food Expo ‘Food India’ during Aahaar 2017** in PragatiMaidan, New Delhi
- Attended three days lecture series on “**CODEX : Principles and Practices**” at Bhaskaracharya College of Applied Science from **12th Jan to 14th Jan** .The seminar was organized under Star college scheme in collaboration with AFSTI , Delhi chapter.

#### **Ms. Para Dholakia, Assistant Professor**

- **Published an abstract** “Effect of microwave and traditional cooking on the quality of food products” at 15th International Conference on Food Processing & Technology **October 27-29, 2016 Rome, Italy**
- Attended one day conference on “Whole grains for promoting health” organized by International life sciences institute on 10th Feb, 2017.

#### **Ms. Shikha Goel, Assistant Professor**

- Presented a poster in National Seminar on “**Biomedical Engineering, Food and Fermentation Technology**” organized by

Jamia Hamdard University, Mehrauli-Badarpur Road, Hamdard Nagar, New Delhi in March 2017.

- Published two abstracts on “**Chemesthesis: the chemical sense**” and “**Miracle Berry : a Sweet Fix for Our Palate**” in National Conference on “Food Processing India 2017” organized by Guru Jambheshwar University of Science & Technology, Hisar, Haryana.
- Organised and conducted educational visits to FARE LABS Pvt. Ltd, Gurgaon National Dairy Research Institute Karnal, Gogia Chemical Industries Pvt Ltd, Mother Dairy for the students of B.Tech. and B.Sc. Honours.
- Attended National Seminar on “*Recent Developments in Food Processing Technology and Opportunities of Foreign Direct Investment (FDI) in Food Retail*” organized by All India Food Processors’ Association in New Delhi.
- Visited the Annual National Food Expo ‘**Food India**’ during Aahaar 2017 in Pragati Maidan, New Delhi.

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

- Visited “**National Dairy Research Institute, Karnal**” with 3rd year students of Food Technology.
- Visited “**FARE LABS Pvt. Ltd, Gurgaon**” with the students of B. Tech and B. Sc. (H) Food Technology in October 2016.
- Presented 2 poster in National Conference “UMCCD, Jan 2017” organized by Department of Biomedical Sciences, Shaheed Rajguru College of Applied Sciences for Women, Delhi.
- *Guided B.Tech students for following projects :*
  1. Development of Papaya Tamarind Jam.
  2. Development of Edible coating for minimally processed potatoes.

3. Bioactive component quantification and estimation of total antioxidant activity from *Punicagranatum* peel extract for industrial waste utilization.
4. Development of Bhujiya with the incorporation of flaxseed.

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

- Member of working group committee of CII,FACE under the project of “**Surakshit Khadya Abhiyan**”.
- Visited “**National Dairy Research Institute, Karnal**” with 3rd year students of Food Technology.
- Visited “**FARE LABS Pvt. Ltd, Gurgaon**”with the students of B. Tech and B. Sc. (H) Food Technology in October 2016
- Attended National Seminar on “**Recent Developments in Food Processing Technology and Opportunities of Foreign Direct Investment (FDI) in Food Retail**” organized by All India Food Processors’ Association in New Delhi.
- Visited the **Annual National Food Expo ‘Food India’ during Aahaar 2017** in PragatiMaidan, New Delhi
- Presented 2 poster in **National Conference “UMCCD- Jan 2017” organized by Department of Biomedical sciences, SRCASW**
- Coordinated the participation of students in “**Surakshit Khadya Abhiyan**” organized by CII FACE, Delhi.

#### **Ms. Saumya Chaturvedi, Assistant Professor**

- Presented a poster on “Edible Food Packaging; A solution for reduction of plastics in food packaging” at National Conference UMCCD, January 2017 organized by Department of Biomedical Sciences , Shaheed Rajguru college of Applied sciences for women.
- Member of working group committee of CII,FACE under the project of “**SurakshitKhadyaAbhiyan**”.
- *Guided B.Tech students for following research Projects :*

1. “Osmotic dehydration of Papaya : optimization and standardization
  2. Development of biodegradable gluten based films for food packaging.
  3. Development of intelligent package using oxygen sensitive dye.
- Presented a poster at National Seminar “BEFFT 2017” held at JamiaHamdard University on 28 March 2017.
  - Organized students educational visit to Mother Dairy plant and ETP unit, Delhi on 6 April 2017.

### **Department of Instrumentation**

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

- Completed the project “Assessment and correlation of air quality index of East Delhi region with vital respiratory parameters of college students” by University of Delhi.
- Attended training program on “Ambient Air Quality Monitoring” at Air Laboratory, CPCB, Delhi from May 5- May 9, 2016.
- Presented the poster entitled “Assessment and correlation of air quality index of East Delhi region with vital respiratory parameters of college students” in the National Conference (CIPSE-2016) organized by Gargi College (University of Delhi) from September 22-23, 2016 in Delhi, India.
- Participated in one week short term course on Artificial Intelligence in Engineering Application organized by NSIT from December 26-30, 2016 in Delhi, India.
- Organized National conference on Recent Trends in Instrumentation and Electronics (RTIE 2016) organized by SRCASW from Oct. 5-6, 2016.

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

##### *Research Papers:*

- Low cost eco-friendly solar inverter a standalone solar power



system for households, Archana Rajput, Ayushi Chopra, Diksha Pandey, Pratima Kumari, Roopal, Smriti Srivastava, Vaishali Pathak, Sneha Kabra, Himani Dua, Ms Ritika Chopra national conference on “Recent trends in Instrumentation and Electronics”, (RTIE-2016) from Oct’5-6, 2016, Shaheed Rajguru College of Applied Sciences for Women.

- A review on the Eye Stick: Boon to Visually Impaired, Anushka Singh, Deeksha Agarwal, Pratibha Sangam, Perna Singh, Shivani Ranjan, Yogesh Pratap, Sneha Kabra International Conference on Advances in Nanomaterials and Nanotechnology (ICAN 2016) 4th and 5th November 2016, Centre for NanoScience and Nanotechnology, Jamia Milia Islamia.
- Analog Characteristics and Linearity Analysis of Gate-All-Around Junctionless Nanowire Transistor (JNT) under wide Operating Temperature Ranging from 200K to 500K, Yogesh Pratap, J.H.K. Verma, Sneha Kabra, Subhasis Haldar, R. S. Gupta and Mridula Gupta, National conference on Recent developments in Electronics, (NCRDE 2017), Feb. 17-18, 2017 organized by IEEE EDS Delhi Chapter and Department of Electronic Science, University of Delhi.
- Poster presentation on “**Low cost eco friendly Solar Inverter - A standalone solar power system for households**” at Vice Regal Lodge, Delhi University on 1st May 2016., Archana Rajput, Ayushi Chopra, Diksha Pandey, Pratima Kumari, Roopal, Smriti Srivastava, Vaishali Pathak, Sneha Kabra, Himani Dua, Ms Ritika Chopra
- Completed **Innovation project SRCASW316 sanctioned by Delhi University, entitled “Low cost eco-friendly solar inverter a standalone solar power system for households”**.
- Research Project entitled “Modeling, Simulation and development of AlGaIn/GaN HEMT based lactic acid and Uric acid biosensor for clinical research” has been approved by SERB (DST) for funding.

*Workshops/ Seminars Organized/Attended :*

- Organized and attended 7days short course on PLC and SCADA from 25th-31st May 2016. It was organized in collaboration with Futuronix Pvt Ltd

- Participated in invited talk on Virtual Instrumentation held on 7th September 2016.
- Attended IEEE-EDS Distinguished Lecturer Talk On Negative Bias Temperature Instability in HKMG MOSFETs - Characterization, Process Dependence, DC / AC Modeling, TCAD Implementation and Stochastic Effects by Prof. Souvik Mahapatra, (Department of Electrical Engineering, IIT Bombay, Mumbai) on November 10, 2016 organised by IEEE EDS Delhi Chapter.
- Attended and Organised UGC and IEEE EDS Delhi Chapter sponsored Second National conference on Recent Trends in Instrumentation and Electronics (RTIE-2016).
- Attended IEEE-EDS Distinguished Lecturer Talk On “Publish and Flourish Art, Craft, and Sportsmanship of Publishing in Scholarly Journals” by Professor Vijay K Arora, Wilkes University USA organized jointly by IEEE EDS Delhi Chapter and Department of Electronic Science University of Delhi on 13 January 2017.
- Attended and Organized IEEE-EDS Distinguished Lecturer Talk On “CMOS Transistors -Operation, Scaling, Reliability and Way Forward” by Prof. Souvik Mahapatra, (Department of Electrical Engineering, IIT Bombay, Mumbai) on January 23, 2017 organised by IEEE EDS Delhi Chapter and SRCASW.
- Attended and Organised Second National conference on Recent developments in Electronics, (NCRDE 2017), feb 17-18, 2017 held at Department of Electronics, University of Delhi, New Delhi.

**Ms. Himani Dua, Assistant Professor**

- Organized and attended 7-day short course on PLC and SCADA from 25th-31st May 2016. It was organized in collaboration with Futuronix Private Limited.
- Presented a paper “A review paper on Hollow flashlight: Thermoelectrically powered torch” in national conference RTIE organized by Shaheed Rajguru College of Applied Sciences, University of Delhi on 5th & 6th October 2016.
- Presented a paper “Low cost eco friendly solar inverter- A standalone solar power system for households” in national

conference RTIE organized by Shaheed Rajguru College of Applied Sciences, University of Delhi on 5th& 6th October 2016.

- Presented a paper “Hollow flashlight: Thermoelectrically powered torch” in national conference NCRDE organized by Department of Electronic Science, University of Delhi on 16th, 17th& 18th February 2017.
- Completed and submitted the innovation project on Low cost eco friendly solar inverter- A standalone solar power system for households in year 2016.
- Attended and Organised UGC and IEEE EDS Delhi Chapter sponsored Second National conference on Recent Trends in Instrumentation and Electronics (RTIE-2016).
- Poster presentation on “Low cost eco friendly Solar Inverter — A standalone solar power system for households” at Vice Regal Lodge, Delhi University on 1st May 2016. (Archana Rajput, Ayushi Chopra, Diksha Pandey, Pratima Kumari, Roopal, Smriti Srivastava, Vaishali Pathak, Sneha Kabra, Himani Dua, Ms Ritika Chopra)

#### **Ms. Neha Garg, Assistant Professor**

- Completed and submitted the innovation project on Groups based co-ordination for information exchange in ad-hoc networks in 2016.
- Attended and Organised UGC and IEEE EDS Delhi Chapter sponsored Second National conference on Recent Trends in Instrumentation and Electronics (RTIE-2016).
- Attended and Organised IEEE-EDS Distinguished Lecturer Talk On “CMOS Transistors -Operation, Scaling, Reliability and Way Forward” by Prof. Souvik Mahapatra, (Department of Electrical Engineering, IIT Bombay, Mumbai) on January 23, 2017 organised by IEEE EDS Delhi Chapter and SRCASW.

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

##### *Research Papers :*

- A review on the Eye Stick: Boon to Visually Impaired, Anushka Singh, Deeksha Agarwal, Pratibha Sangam, Prerna Singh, Shivani Ranjan, Yogesh Pratap, Sneha Kabra International Conference on

Advances in Nanomaterials and Nanotechnology (ICAN 2016) 4th and 5th November 2016, Centre for NanoScience and Nanotechnology, Jamia Millia Islamia.

- Gaussian Graded Channel (GGC) Schottky Barrier Surrounding Gate MOSFET for Analog/RF Performance Enhancement, Manoj Kumar, Yogesh Pratap, Subhasis Haldar, R. S. Gupta and Mridula Gupta, International Conference on Advances in Nanomaterials and Nanotechnology (ICAN 2016) 4th and 5th November 2016, Centre for NanoScience and Nanotechnology, Jamia Millia Islamia.
- Analog Characteristics and Linearity Analysis of Gate-All-Around Junctionless Nanowire Transistor (JNT) under wide Operating Temperature Ranging from 200K to 500K, Yogesh Pratap, J.H.K. Verma, Sneha Kabra, Subhasis Haldar, R. S. Gupta and Mridula Gupta, National conference on Recent developments in Electronics, (NCRDE 2017), feb 17-18, 2017 organised by IEEE EDS Delhi Chapter and Department of Electronic Science, University of Delhi.
- Analog/RF Performance of Cylindrical Surrounding Double Gate (CSDG) MOSFET, J.H.K. Verma, Yogesh Pratap, Sneha Kabra, Subhasis Haldar, R. S. Gupta and Mridula Gupta, National conference on Recent developments in Electronics, (NCRDE 2017), feb 17-18, 2017 organised by IEEE EDS Delhi Chapter and Department of Electronic Science, University of Delhi.

*Workshops/ Seminars Organized/Attended :*

- Organized and attended 7days short course on PLC and SCADA from 25th-31st May 2016. It was organized in collaboration with Futuronix Pvt Ltd
- Participated in invited talk on Virtual Instrumentation held on 7th September 2016.
- Attended and Organised UGC and IEEE EDS Delhi Chapter sponsored Second National conference on Recent Trends in Instrumentation and Electronics (RTIE-2016).
- Attended IEEE-EDS Distinguished Lecturer Talk On Negative Bias Temperature Instability in HKMG MOSFETs - Characterization,

Process Dependence, DC / AC Modeling, TCAD Implementation and Stochastic Effects by Prof. Souvik Mahapatra, (Department of Electrical Engineering, IIT Bombay, Mumbai) on November 10, 2016 organised by IEEE EDS Delhi Chapter

- Attended IEEE-EDS Distinguished Lecturer Talk On “Publish and Flourish Art, Craft, and Sportsmanship of Publishing in Scholarly Journals” by Professor Vijay K Arora, Wilkes University USA organized jointly by IEEE EDS Delhi Chapter and Department of Electronic Science University of Delhi on 13 January 2017
- Attended and Organised IEEE-EDS Distinguished Lecturer Talk On “CMOS Transistors -Operation, Scaling, Reliability and Way Forward” by Prof. Souvik Mahapatra, (Department of Electrical Engineering, IIT Bombay, Mumbai) on January 23, 2017 organised by IEEE EDS Delhi Chapter and SRCASW.
- Attended and Organised Second National conference on Recent developments in Electronics, (NCRDE 2017), feb 17-18, 2017 held at Dept. of Electronic, University of Delhi South Campus, New Delhi.

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

- Presented a paper “A review paper on Hollow flashlight: Thermoelectrically powered torch” in national conference RTIE organized by Shaheed Rajguru College of Applied Sciences, University of Delhi on 5th & 6th October 2016.
- Attended and Organised UGC and IEEE EDS Delhi Chapter sponsored Second National conference on Recent Trends in Instrumentation and Electronics (RTIE-2016).
- Presented a paper “Hollow flashlight: Thermoelectrically powered torch” in National Conference NCRDE organized by Department of Electronic Science, University of Delhi on 16th, 17th & 18th February 2017.
- Attended and Organised IEEE-EDS Distinguished Lecturer Talk On “CMOS Transistors -Operation, Scaling, Reliability and Way Forward” by Prof. Souvik Mahapatra, (Department of Electrical

Engineering, IIT Bombay, Mumbai) on January 23, 2017 organised by IEEE EDS Delhi Chapter and SRCASW.

### **Ms. Nidhi Agrawal, Assistant Professor**

- Participated and conducted lectures during, five days hands-on workshop on “Builds My Smart Phone” for faculty at NITTR, Chandigarh held during 16-20 May 2016, in association with IGDTUW, Delhi
- Member of organizing committee and conducted lectures during 7th Summer Training Program on “Build Your Own IoT Enabled Smart Device”, held at IGDTUW during 6 June to 15 July 2016
- Member of organizing committee of Mobility Research Forum and IGDTUW sponsored First National conference on Product Designing (NCPD-2016) held at MSRIT, Bengaluru during 2-3rd July, 2016.
- Presented a paper titled “LCSHAS: Low Cost Smart Home Automation Systems based on ARM processor” at National conference on Product Designing, held at MSRIT, Bengaluru during 2-3rd July, 2016.
- Member of organizing committee of UGC and IEEE EDS Delhi Chapter sponsored Second National conference on Recent Trends in Instrumentation and Electronics (RTIE-2016) sponsored by UGC and IEEE EDS Delhi Chapter on 5th & 6th October 2016.

### **Department of Mathematics**

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

- Presented a paper entitled, “Benchmarking efficiency of Delhi Transport Corporation: a data envelopment analysis approach” in the 8th International Conference of Applied Operational Research (ICAOR) held in Rotterdam, **NETHERLANDS** from 28-30th June 2016. The same got published in Lecture Notes in Management Sciences, Vol.8, pp.33-40. pISSN 2008-0050, eISSN 1927-0097.
- Published a research paper entitled, “Effect of sprouting time on antioxidant properties of *Trigonella foenum-graecum* (Fenugreek)

seeds available in Delhi-NCR region”, Sadhna Jain, Punita Saxena and Heena Lamba in International Journal of Current Research and Review, Vol.9 (5), pp.33-37. pISSN: 2231-2196, eISSN: 0975-524.

- Completed and submitted an Innovation Project entitled, ” Biochemical evaluation of sprouted fenugreek seeds for nutraceutical management of type-2 diabetes using in vitro assays” funded by University of Delhi. The project was awarded the best project for societal impact by the University of Delhi.
- Was a member of organizing committee (Treasurer) of second National Conference RTIE - 2016 held on 5th - 6th October, 2016.
- Attended a workshop on “Ethics in Higher Education” conducted by CPDHE, University of Delhi from 1-3 March, 2017.

#### **Dr. Shalu Sharma, Assistant Professor**

- ‘An automatic irrigation system using self made soil moisture sensors and android app.’, Shalu Sharma, Shivani Seth, Tanya Gandhi, Suruchi Chawla, Shakshi Bachhtey, Veni Gupta, Bhanvi Shukla, Monica Gupta, Pragya Kaushik, Shreshtha Pushkar, Sheetal Varshney, Saloni Mehta, Ruchika Jha, Amita Kapoor, Shaheed Rajguru College Of Applied Science, University Of Delhi, Delhi, India, Proceedings Of RTIE 2016.
- ‘App based garden bot for regulation of water levels in plants’, Suruchi Chawla, Amita Kapoor, Shalu Sharma, Bhanvi Shukla, Monica Gupta, Pragya Kaushik, Shreshtha Pushkar, International Research Journal of Engineering and Technology (IRJET) Vol. 3, Issue 10, October-2016 S. No. : 228, e- ISSN: 2395 -0056, p-ISSN: 2395-0072.
- Completed and submitted the innovation project on Development of Garden-bot: An automatic irrigation system sensing soil moisture content using self made sensor for efficient use of resources and optimum flow of water in the fields in year 2016.
- Attended Workshop on Latex and HTML held from October 7th-8th, 2016 in Janki Devi Memorial College, University of Delhi.

- Was a member of organizing committee of second national conference RTIE - 2016 held on 5th - 6th October, 2016.

**Ms. Ritika Chopra, Assistant Professor**

- Kumar, S., Chopra, R. and Saxena, R.R, 2016, “A fast approach to solve matrix games with pay-offs of trapezoidal fuzzy numbers”, *Asia Pacific Journal of Operational Research*, 33(6), 1650047 (1-14).
- Presented a paper “Low cost eco friendly solar inverter- A standalone solar power system for households” in national conference RTIE organized by Shaheed Rajguru College of Applied Sciences, University of Delhi on 5th& 6th October 2016.
- Completed and submitted the innovation project on Low cost eco friendly solar inverter- A standalone solar power system for households in year 2016.
- Presented a poster on innovation project entitled ‘Low cost eco friendly solar inverter- A standalone solar power system for households’ on University Foundation Day, 1st May 2016.
- Was a member of organizing committee of second national conference RTIE - 2016 held on 5th - 6th October, 2016.

**Dr. Minakshi Dhamija, Assistant Professor**

- Awarded PhD. Degree on December 30, 2016.
- Deo N., Dhamija M. and Micluous D., Stancu-Kantorovich operators based on inverse Polya-Eggenberger distribution, *Appl. Math. Comput.*( Elsevier), 273, (2016), 281-289.
- Dhamija M. and Deo N., Jain-Durrmeyer operators associated with the Inverse Polya-Eggenberger distribution, *Appl. Math. Comput.*(Elsevier), 286, (2016), 15–22.
- Dhamija M. and Deo N., Better Approximation results by Bernstein-Kantorovich operators, *Lobachevskii Journal of Mathematics* (Springer), 38(1), (2017), 94-100.



- MinakshiDhamija and Ram Pratap, “Integral variant of generalized Szasz-Mirakyan operators”, presented in ‘International Conference on Differential Geometry, Algebra and Analysis’ Nov. 15-17, 2016 held at JamiaMilliaIslamia, New Delhi, India.

### **Department of Physics**

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

- Member of National Jury for DST sponsored “ **INSPIRE** “ National level at CSIR-NPL Delhi , December 2016.
- Principal Investigator for the innovation Project of University of Delhi entitled “ **Synthesis and Characterization of nano particles for Tumor treatment** ”. **2015 -2016** .

#### *Conference / Workshops :*

- As convenor internal complaint committee participated in one-day workshop on “ **Sensitisation for prevention of sexual harassment at work-place**” organized by Directorate of Training, Union territories Civil Service May 2016.
- Member of organizing Committee in UGC sponsored second National conference on “ **Recent Trends in Instrumentation and Electronics RTIE-2016**” , 5th & 6th Oct., 2016.
- Attended one day workshop on “ **Observing Nuclear processes from zeptosecond to pico second Time scale**” organized by IUAC in association with NASI Delhi Chapter on 18th Feb., 2017
- Attended two day workshop on “ **High-End Instruments**” sponsored by DST on 24th-25th March 2017, organized by Special Centre for Nano Science , JNU , New Delhi.
- Attended international Conference on “ **Recent Advances in Nano science & Nano Technology** ” Dec. 19-20 , 2016 JNU, New Delhi.

### **Department of Physical Education & Sports**

#### **Dr. Bimla Pawar, Assistant Professor**

- Presented a Paper titled ‘Sports, Peace, International Understanding and Corporate Social Responsibility’, in the UGC Sponsored

National Conference on Corporate Social Responsibility: Sports, Olympism & Global Peace Organised by Maharaja Agrasen College, University of Delhi during 15-17 March, 2016.

- Presented a Paper titled ‘Stress Management in Sports’ in UGC Sponsored National Conference on “Clean & Green Energy : The Chemical & Environment Aspects” (NCGE-2017) organised by Bhaskaracharya College of Applied Sciences, University of Delhi on 16-17 February, 2017.
- Attended workshop on Curriculum Design and Development in Physical Education organised by Indira Gandhi Institute of Physical Education & Sports Sciences on March 23-24, 2017.
- Attended an Intensive Certificate Training in Disaster, Crisis Management, Basic Life Support, Emergency First Aid ( Knowledge of Survivability) initiated by National Task Force for Management (A Unit of AIFPDM) on 31 March, 2017 at International Guest House, University of Delhi.

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

- Invited lecture for **Two Days National Workshop on “Open Source Software Koha-Training and Certification”** for Library & Information Professionals on April 9-10, 2016 at IAMR GROUP OF INSTITUTION, Ghaziabad. India.
- Paper presented at QQML 2016 “London University, the paper entitled “Application of RFID in Shaheed Rajguru College of Applied Sciences for Women, University of Delhi, India: Challenges and Future Prospects” on 27th May 2016, Senate House, University of London. United Kingdom.
- Invited talk for National Workshop on “Open Sources Software: KOHA” on 4th to 5th June, 2016 at Department of Library and Information Sciences, Swami Vivekananda Shubharati University, Meerut, India.
- Edited Conference Proceedings “Smart Future: Knowledge Trend that will Change the World” conducted by The Energy Research Institute on 13th-16th Dec. 2016, at Indian Habitat Center, New Delhi.

- Invited lecture on 18th March for **two days national workshop on “Open Source Software – KOHA”** at Guru Nanak College of Education, New Delhi.
- Invited for two different lectures at Faculty Development & Research Centre (FRDC), Army Welfare Education Society (AWES), Delhi on **23 Mar 2017**.
- Invited lecture at DAV School Faridabad, one day Seminar on the topic “Emerging Trends in School Libraries” for school Librarians in Faridabad on Tuesday, on 28th of March, 2017.
- Received international membership of QQML (Qualitative and Quantitative Method in Libraries), Greece for the period of two years.

### **Extra Curricular Activities**

A number of activities were organized throughout the year under the guidance of Dr. Indu Arora, Cultural Secretary and Dr. AakankshaVatsa, Students Advisor.

#### **Freshers’2016**

The Freshers’ Party was hosted on 12th August 2016 to welcome the newcomers for the year 2016. 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. Tanya Joshi from Department of Physics.

#### **Independence Day**

To keep the spirit of nationalism alive, Independence Day celebrations took place in the college campus for hostellers.

Shri Manoj Kumar, MLA had presided over as the Chief Guest while Ms. Richa Pandey Mishra and Mr. F.I. Ismailee, the then Chairperson and Treasurer, respectively, of the Governing Body were the guests of honour. The celebrations were marked by dance performances, music recitals and some inspirational speeches.

#### **Rajguru Day**

This academic session, the Rajguru Fraternity celebrated Rajguru Day on 26th August 2016. The college was highly honoured to have Shri

O.P. Kohli, Hon'ble Governorshri of Gujarat as the Chief Guest. Ms. Parija Phatarpekar, Member A, Municipal Taxation Tribunal, graced the occasion as the Special Guest. The theme for the event was : *Rashtriya Punar-Nirman Mein Yuvaon Ki Bhoomika*. The event was marked by some very enlightening speeches and stupendous cultural performances by the college's cultural societies.

### Students' Council Elections

Students Council Elections were held on 5th September, 2016 in compliance with Lyngdoh Committee recommendations. The following students were elected :

<i>Post</i>	<i>Post Holder</i>	<i>Stream</i>
President	Deergha Manocha	B.Tech., FT (IVth year)
Vice President	Sulagna Basu	B.Sc. (Hons) BMS (IInd year)
Cultural Secretary	Saujanya Saxena	B.Sc. (Hons) BMS (IIIrd year)
Secretary	Kirat Khushwinder Bains	B.Sc. (Hons) FT (IIIrd year)
Joint Secretary	Sakshi Arora	B.Sc. (Hons) BMS (IInd year)
Treasurer	Honey Tyagi	B.Sc. (Hons) Elec. (IIIrd year)

### Class Representatives (2016-17)

<i>Stream</i>	<i>Year</i>	<i>Class Representatives</i>
Biomedical Sciences	First Second Third	Parvathi Satheesh, Poonam Pandey Anusha Sarbahi Ayushi Kalra
Chemistry	First	Shikha
Computer Science	First Second Third Fourth	J. Shweta, Payal Budhiraja Sakshi Gaur, Urvashi Gupta Neerajpreet Kaur, Ruby Singh Shakshi Bachhety, Preetanjali Ray

Electronics	First Second Third Fourth	Ananya Sharma Vandana Pal Simran Arora, Shelly Singla Nupur Jaitley
Food Technology	First Second Third Fourth	Anjali Gautam Rashi Jain Richa Tripathi Nazia Khan
Instrumentation	First Second Third Fourth	Akriti Riya Sharma Nupura Raj Pratibha Sangam
Mathematics	First	Nikita Chauhan
Physics	First	Simran Gaba, Surabhi Menon

### **Diwali Mela**

The student council hosted the third Diwali Mela on 26th October, 2016. The air filled up with festive zeal with the organisation of various competitive perfectly decorated campus. The competitive events included Mr. and Ms. Ethnic, Rangavalli — The rangoli event, Cardina — The card making event, Fusomania — the dance competition, Musicool — the singing competition, Ad-Mad and Bollywood Quiz. The festival culminated with a thrilling DJ evening.

### **College Trip to Goa**

A 5 days' excursion was organised to Goa from 17th-22nd December 2016 with 180 students from all departments along with some faculty members. The trip proved to be a very memorable one.

### **Vigilance Week Seminar**

The college in collaboration with NTPC organized a Quiz on “Vigilance Awareness and Corruption” on 5th November 2016. More than 100 students participated out of which 4 winners were selected and were

given prizes worth Rs.6000/- from NTPC. Faculty Members were also felicitated for the participation.

### **Introduction of System of Credit Hours**

The system of Credit Hours was introduced in the even semester of session 2016-17 to boost student participation in Extra Curricular Activities in the college. Under this system, every student is supposed to complete the target of a given number of credit hours in a year. The introduction of this system proved to be success and it shall be continued during the coming years.

### **Alumni Meet Blend'2017**

College organized its seventh Alumni Meet on 12th February 2017. This gala Meet was attended by around 120 alumni of batches that graduated in year 1992 (First Graduating Batch) to 2016. Election of office bearers for the alumni cell was conducted on the same day for the first time. Office bearers include President, Vice president, Secretary, Treasurer and eight executive members. Ms. Deepali Bajaj and Ms. Monika Tyagi were elected as two college representatives for this registered alumni cell. The alumini meet concluded with some fun activities followed by lunch and group photographs.

### **Annual Cultural Fest — Karvaan 2017**

Karvaan 2017, the fifth rendition of the annual cultural of Shaheed Rajguru College of Applied Sciences for Women was an extravagant affair with an ode to performing arts on first day which witnessed some of the best street play productions in Lalkaar and amazing dance performances during the choreography event Kinesthesia. While these events kept the audience engaged, thrill and melody filled the air simultaneously as Eloquentia, the literary festival and Avirbhav, the music festival went on side by side. Fine Arts fanatics were nowhere behind and showcased commendable finesse during Vistoso, the fine arts festival. To add to the fun and excitement, JAM-Just a Minute proved to be a massive hit!

The stage was on fire for the second day as it was filled with power packed performances by the most competent dancers in the University of Delhi and other renowned colleges in the city . The contestants of

Dancellenium 1.0, Dancellenium 2.0 and Beat Puppets didn't spare a moment to grab the audience who were left dumbstruck! The fashion teams from Delhi-NCR put up yet another amazing show during Vogue-the fashion event, where the art of fashion was used a medium to spread messages of social concern. The NSS unit of the college fulfilled our social responsibility through some fund raising fun events that didn't allow the fun to die out.

The event culminated with a spectacular live performance by the flamboyant Kings of Bhangra, Jassi Gill and Babbal Rai. The vibe in the air was unmatched and the celebrities' charisma added to it all wonderfully! The fest wrapped up with high spirits and energy to set the ball rolling for next edition.

A summary of the winners of the various events is presented on the following pages:

S. No.	Society	Event	Position	Name	College
1.	Ahaarya	(a) Beat Puppets	First	Misba Afroza	SGGSCC IP college
			Second	Enliven	Gargi
		(b) Kinesthesia	First	Sensation	Kirorimal College
			Second	Terpsi	Hansraj College
		(c) Dancellenium 1.0	First	Pulkit Sharma	Dyal Singh College
			Second	Sanchi Aggarwal	SSCBS
		(d) Dancellenium 2.0	First	Pulkit Sharma	Dyal Singh College
			Second	Mansi Narang	Deshbandhu College
2.	Mukhauta	Lalkaar	First		Maharaja Agarsen Institute of Technology
			Second		Institute of Home Economics

S. No.	Society	Event	Position	Name	College
			Best Actor	Shivani	IHE
			Best Script		Vivekanand College
3.	Glamfire	Vogue	First		Keshav Mahavidyalaya
			Second	FINESSE	Vivekananda Institute of Professional Studies
4.	Philyra (Avirbhav, The Music Festival)	Cadenza (Solo Singing)	Indian Classical		
			First	Swati Rani	
			Second	Shagun	
			Western Singing		
			First	Priyanka Mani	JDMC
			Second	Mayank Goel	
		Chorale (Group Singing)	First	Alaap	Venketeshwara College
			Second	Sangeetika	KNC
		Battle of Bands	Third		
			First	Common Threat	Shaheed Bhagat Singh College (E)
5.	Inklings (Eloquentia, The literary festival)	Tales Told Differently	First	Mani Wadhwa	SRCASW
			Second	Megha Sahni	SRCASW
		Modern Ballads	First	Shyam Kumar Sakshi Panwal	NIEC
			Second	Manavi Shukla M. S. Burdak	
		Antithesis	Best Debater (For)	Amiti Raj	



S. No.	Society	Event	Position	Name	College
			Best Debater (Against)	Srishti Arora	SRCASW
		Haiku	First	Manavi Shukla	
			Second	Abhinav	
		Catch Phrase	First	Laboni Panwar Manavi Shukla M. S. Burdak	
			Second	Srishti Arora Swati Balani Anchal Gupta	SRCASW
		The Musgrave Ritual	First	Neha Tiwari Pragya Gupta Vandana Godara Vartika Shukla	SRCASW
			Second	Divya Dua Megha Sahni Purva Bhatia R. Chaudhary	SRCASW
6.	Elvira (Vistoso, The Fine Arts Festival)	a) D'zine It — T-shirt Designing	First	Harshit & Yash	Dyal Singh (E)
		b) Cut 'n' Paste — Paper Crafting	First	Ananya Deeksha	Lakshmi Bai College
		c) Anecdote — Comic Strip Making	First	Ankit	Dyal Singh (E)
		d) Make the Mark — Bookmark Making	First	Shivankar	Dyal Singh (M)
		e) ISWAN — Mehendi Designing	First	Damini	SRCASW
		g) Inkiesta — Tattoo Designing	First	Megha	SRCASW

S. No.	Society	Event	Position	Name	College
		h) Paint Me Pretty — Nail Art Event	First	Ananya	Lakshmi Bai College
		i) Surprise event	First	Ananya Deeksha	Lakshmi Bai College
			Second	Nupura	SRCASW

## Cultural Societies

### Ahaarya

Ahaarya, the dance society comprises of a bunch of enthusiastic dancers who put in commendable efforts to bring fame to the college. Over the past 3 years of establishment, Ahaarya has been successfully able to grab apposition in the top 10 dance societies of the University of Delhi. This year, the society of headed by Khushboo Singh, the President and FarhaSaifi, the Vice President cum Treasurer. The society's achievements through the season 2016-17 were :

- ❖ 1st prize in ABES Institute of Technology, Ghaziabad
- ❖ 1st prize in Amity University Gurgoan
- ❖ 2nd prize in K R Mangalam University
- ❖ 2nd prize in Shyamalal College, University of Delhi
- ❖ 2nd prize in Aravali College of Engineering and Management, Faridabad
- ❖ Got selected in top 6 in Indian Institute of Technology, Delhi

### Glamfire

“Glamfire” — The fashion society of Shaheed Rajguru college of applied sciences is a portal for aspiring models, designers, makeup artists, hairstylists and fashion choreographers to showcase their skills. The society was headed by Drishti Rawal (B.Sc. Hons Computer Science) and Priya Aggarwal (B.Sc. Hons Electronics) and managed by Ashi Vashishth (B.Sc. Hons Electronics) during 2016-17.

A successful Make-up and Styling Workshop along with an interactive Orientation Session was hosted by DeerghaManocha(Ex-President) with AreebaNomaan, Vandana Gadodara (senior models) and Mona Singh (Ex-Vice President) specially for the freshers. The workshop witnessed appreciable participation and encouraged the idea of creative fashion among the students.

The theme for season 2016-17 was “Astitva” wherein emphasis was put onto issues of female abuse and humiliation. Their achievements were as below :

- ❖ 1st position at KR Mangalam University
- ❖ 2nd position at Shyama Prasad Mukherjee College, University of Delhi
- ❖ 2nd position at Indian Institute of Technology, Delhi

### **Mukhauta**

Mukhauta, the dramatics society, aims to spread awareness about the social, political and cultural views through street plays. Like the previous years, Mukhuata had a commendable season during 2016-17 also. Their achievements have been enlisted as below :

- ❖ 1st position
  - i) Institute of Integrated Learning in Management (IILM), Greater Noida.
  - ii) Krishna Engineering College (KEC), Ghaziabad.
  - iii) World School of Design (WSD), Sonapat.
  - iv) Krishna Institute of Engineering and Technology (KIET), Ghaziabad.
- ❖ 2nd Position
  - i) Zakir Hussain College (Eve), Delhi
  - ii) Special mention at Satyawati College.
- ❖ Performed at National School of Drama (NSD), On the occasion of Bharat Rang Mahotsav, largest theatre festival of Asia.

- ❖ Performed for the Manthan — India’s largest theatre festival which is organised by Shaheed Sukhdev college of Business Studies.

### **Elvira**

Elvira, the fine arts 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 session 2016-17. A craft workshop was successfully organised by Dimple Nigam (B-Tech in Computer Science) which pulled in a lot of craft enthusiast and boosted artistic temperament in the students. Elvira’s achievements through the session 2016-17 have been as below :

- ❖ 1st prize in Prop Making at SGTB Khalsa College — Arushi Arora, Ayushi and Megha Khulbe
- ❖ 1st prize in Card Making at Lady Irwin College — Hina Gupta
- ❖ 1st prize in Innovative Notebook by Eco Club, SRCASW — Sakshi
- ❖ 2nd prize in Best Out of Waste Competition at Shivaji College — Ayushi and Hina Gupta
- ❖ 3rd prize in Doodling Event at IIT Delhi — MeghaKhulbe

### **Shuffleshots**

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. Shuffleshots has been officially responsible for covering all major and minor events in the college. The society had also organised a photography workshop during 2016-17 which boosted more students indulge into photography as a hobby and further to a professional level. Their achievements through the season 2016-17 were :

- ❖ 1st position at Petals, the Flower Show hosted by University of Delhi — Deepshikha Gupta
- ❖ 2nd position at Petals, the Flower Show hosted by University of Delhi — Urvashi

- ❖ 2nd position at Food Shooters, hosted by Department of Food Technology, SRCASW — Shipra

### **Inklings**

Inklings was established by a group of literature enthusiasts to bring together all other people who liked to express themselves using words. These people then branched into Bloggers, Poetesses, Fiction Writers, Debaters, Orators etc and now are working hard, to make this group, this society known to the plethora of talent, that is Delhi University.

**Quintessene** — An open mic spoken word (slam poetry event) was organized by our society on 18th February 2017 in our college campus. The event saw a great footfall of students hailing from different colleges like JamiliaMiliaIslamia, Jesus and Mary College and even school students were given chance to speak their heart out. It was organized in collaboration with 'The Scribbled Stories' and the participants spoke on thoughtful topics ranging from feminism to fantasizing romance.

### **Sports Activities**

The Inter-Department Sports Tournament was held in the college from 6-29 September 2016 which included Chess, Table Tennis, Athletics, Badminton, Kho-Kho, Volleyball, and Yoga. It set the tone for the competitive spirit. The students' participation outside the college and the prizes won event wise are as follows:

#### ***Athletics***

- Athletic Team participated in Inter College Athletics Meet 2016 held at DU Pologround from 03-12 Nov 2016. The team members were Ruby Singh (Computer Science 3rd yr), Rashmi Pal (Computer Science 3rd yr), Rajnandni (Computer Science 3rd yr), Shikha (Computer Science 2nd yr), Deepika Joshi (Electronics 2ndyr), Sonam (Electronics 2nd yr), Shivani (Electronics 2nd yr), Priyanka (Electronics 3rd yr), Shweta Bainsla (Food Technology 3rd yr). Our college team students took part in all the events in this athletic meet and displayed a commendable performance. In particular, Sonam won Bronze medal & Shweta Bainsla got fourth position in the 5 km Walk.

- Our college Athletics Team participated in SRCC Sports Fest from 3-5 January 2017. Ms Rajnandni (Computer Science 3rd yr) won Gold medal in Discus throw, Silver medal in Shotput, Bronze in 100mtr race, Deepika Joshi (Electronics 2nd yr) won Silver medal in Long Jump and Discus throw, Shikha (Computer Science 2nd yr) won bronze medal in Long Jump & Priyanka Drall (Instrumentation 3rd yr) won Silver Medal in Discus throw.
- Our Athletics team participated in YMCA Delhi State Athletics Competition held at Jawaharlal Nehru Stadium from 27-28 January 2017 and won Bronze medals in 800 mtr and 1500 mtr races by Rajnandni(Computer Science 3rd yr) and Sonam(Electronics 2nd year) respectively.

### ***Badminton***

- Our First College Badminton Team participated in Inter College Badminton Championship 2017 held at MPH, University Of Delhi from 6-11 March 2017. Team members were Rajnandni (Computer Science 3rd yr), Smriti (Computer Science 3rd yr), Santosh (Chemistry 1st yr), Anupama (Chemistry 1st yr). They performed well and won through first two rounds of tournament.
- Badminton Team (Rajnandni(Computer Science 3rd yr), Santosh(BMS 1st yr) ) took part in Indraprastha Invitational tournament & DU Inter College Badminton trials held at SRCC on 10th Oct 2016.

### ***Chess***

- College's Chess Team took part in Gargi College Golden Jubilee Year Invitational Tournament for Women. The team members were Prachi (BMS 1st Yr), Ruby Singh (Computer Science 3rd yr), Purna Rout (Computer Science 3rd yr) and Tripti (Maths 1st yr). The Team got 5th position out of total 12 teams.
- Our Chess Team also participated in Inter College Chess Championship 2017 held at MPH, Delhi University from 1-3 March 2017. The Team members were Prachi (BMS 1st yr), Yogita (Physics 1st yr), Shreya (Chemistry 1st yr) and Tripti (Maths

1st yr). Team played very well and won three rounds and got 9th position out of 23 teams.

### ***Cross Country***

- The college first Cross Country team participated in the Inter College Tournament held at University of Delhi sports Ground on 4 February, 2017. The team players were Ruby Singh (Computer Science 3rd yr), Rashmi Pal (Computer Science 3rd yr), Shikha (Computer Science 2nd yr), Sonam (Electronics 2nd yr) and Priyanka (Electronics 3rd yr.). All the members of the team completed the 6 km race and got 9th position among 22 colleges.

### ***Gymnastics***

Ms. Priya Naib (Electronics 4th yr) participated in All India Inter University Gymnastics Championship held at Punjab University from 1-5 February 2017.

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

Kho-Kho team participated in Inter College Kho-Kho Championship 2017 held at Lakshmi Bai College from 15 February 2017. The Team members were Sandhya yadav (Food tech. 4th yr), Rachi dagar (Physics 1st yr), Shivani (Instrumentation 2nd yr), Chhaya sharma (Instrumentation 3rd yr), Neha kala (Computer Science 1st yr), Neha Bhati (Instrumentation 3rd yr), Shivani Chauhan (Instrumentation 3rd yr), Ankita Ulshai (Electronics 1st yr), Ruby Singh (Computer Science 3rd yr), Rashmi Pal (Computer Science 3rd yr), Nisha Sharma (Electronics 1st yr) and Surabhi Singh (Computer science 1st yr).

### ***Table Tennis***

The College Table Tennis Team participated in Inter College Table Tennis Championship held at Multi- Purpose Hall, Delhi University from 24-25 January 2017. Team members were: Khushboo yadav(Maths 1st yr), Shristi Rawat(Food Tech 2nd yr), Yogita Bisht(Physics 1st yr) and Shushmita(Instrumentation 2nd yr).

Team participated in LSR sports fest on 13-15 February, 2017. Khushboo won two matches.

### ***Volleyball***

College Volleyball Team participated in Inter College Volleyball Championship 2017 held at Keshav Mahavidyalaya from 7-16 January 2017. Team members were Nishu Yadav (Instrumentation 2nd yr), Yogita Bisht (Physics 1st yr), Garima Negi (Electronics 1st yr), Shambhavi Gupta (Electronics 1st yr), Mahima Jindal (Computer Science 2nd yr), Anju Kanyal (Electronics 3rd yr), Deepshika (Electronics 2nd yr), Kajol Patyal (Computer Science 2nd yr), Kalpana Purohit (Computer science 2nd yr), Shivani (Instrumentation 2nd yr), Rishika Sharma (Electronics 2nd yr) and Versha Z(Electronics 1st yr).

### ***Yoga***

- Yoga team participated in Sport India 2016 held at Pragati Maidan, New Delhi and showed their performance in front of the Sports Minister.
- Yoga Team participated in 32nd Delhi State Yoga Championship held at Sant Haridas College of Higher Education, Najafgarh, New Delhi from 27-29 September 2016. The team members were - Ruby Singh (Computer Science 3rd yr), Juhi Priya (Computer Science 2nd yr), Sonam (Electronics 2nd yr), Rashmi Pal (Computer Science 3rd yr), and Nisha (Electronics 1st yr).
- Ms Ruby, Rashmi Pal and Juhi Priya participated in Yoga National Championship 2016 held at Haridwar from 9-11 December 2016. Ruby Singh(Computer Science 3rd yr) & Rashmi Pal(Computer Science 3rd yr) both won Bronze medal (3rd position) in the National.
- Yoga Team participated in Inter College Yoga Championship 2017 held at MPH, Delhi University from 13-15 February 2017. The team players were — Ruby Singh (Computer Science 3rd yr), Juhi Priya (Computer Science 2nd yr), Prachi (BMS 1st yr), Shradha (BMS 1st yr), Rashmi Pal (Computer Science 3rd yr) and Nisha (Electronics 1st yr).

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

I am glad to inform that the college made a grand beginning and organized “SPARDHAA — The Sports Fest” for the first time on 19-



20 January 2017. The Fest started with the Marchpast by ten Teams – one for each of the eight departments and two teams of Students Council and Sports Council respectively. Athletes from 25 different colleges of University of Delhi took part and showcased their talents through healthy competitions.

There were nine official events (Inter College) including Aerobics, Rhythmic Yoga, Yoga, Volleyball, Kho-Kho, Table Tennis and Badminton. Chess and Carrom events were specially kept for Para-athlete category to encourage equal opportunity. A vibrant participation by around 700 women athletes from 25 colleges of University of Delhi and NCR was witnessed in “SPARDHAA”, which made it a grand success. Though these events were primarily for girls but Badminton and Table Tennis were open for boys also.

“SPARDHAA” 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 socialization. The community sports activities included 50 Mtrs Race, 200 Mtrs Race, 400 Mtrs Race, Shot Put, Long Jump, Relay Race and Lemon & Spoon Race. The community sports activities proved to be very popular among the in-house students and staff and showcased their sports potential.

Our College Aerobics Team won the Silver medal in the aerobics competition among 14 teams in SPARDHAA – the sports fest.

### Robotics Club

1. Students participated in eYIC-2017 (eYantra Ideas Competition, IIT Mumbai).
2. A talk was organized by Robotics club and Instrumentation department jointly, on 14th Feb, 2017, on “**Evolution in Modern Technologies**” and it was delivered by Mr. Rajeev Tiwari, Director, **Tevatron Technologies Pvt. Ltd.**
3. Placement drive was organized by Robotics club and Instrumentation department jointly, on 14th Feb, 2017, for final year students of Instrumentation, Electronics and computer science departments. Four students were successfully placed in Stem Robo technologies pvt Ltd

4. Robotics club and Department of Instrumentation in association with Tevatron Technologies is conducting short course on Embedded System using AVR. It was started from 24th March, 2017 and will conclude on 22 April 2017.

## Academic Prizes

### Glimpses of Results

#### Overall (2013-2016)

Stream	I	II	III
B.Sc. (H), Biomedical Sciences	Mahima	Kajal Garg	Richa

#### IIIrd year (2015-16)

Stream	I	II	III
B.Sc. (H), Biomedical Sciences	Sukriti Sacher	Mahima	Kajal Garg
B.Tech., Computer Science	Diksha Tewari	Divya Dua	Neha Chandola
B.Tech., Electronics	Ritu Gupta	Madhu Pandey	Priya Naib
B.Tech., Food Technology	Shruti Goel	Manisha Seth	Sandhya Yadav
B.Tech., Instrumentation	Perna Singh	Shivani Ranjan	Deeksha Aggarwal

#### IIInd year (2015-16)

Stream	I	II	III
B.Sc. (H), Biomedical Sciences	Ayushi Kalra	Parul Garg	Ritika Singh
B.Sc. (H), Computer Science	Deepti Sharma	Divya Singh	Rishika Bhatia
B.Sc. (H), Electronics	Anju Kanyal	Honey Tyagi	Priyanshi
B.Sc. (H), Food Technology	Kritika	Shatakshi	Kritika Agarwal
B.Sc. (H), Instrumentation	Pooja	Rupal	Ritika Pal

## Ist year (2015-16)

Stream	I	II	III
B.Sc. (H), Biomedical Sciences	Smriti Arsh Kaur	Divya Singh	Shalini Samal
B.Sc. (H), Computer Science	Tanya Dua	Anuradha Aggarwal	Kajal Patyal
B.Sc. (H), Electronics	AkankshaTyagi	SakshiTyagi	Prachi
B.Sc. (H), Food Technology	PriyankaPrajapati	Anjali Singh	Ankita Rawat
B.Sc. (H), Instrumentation	Parakh Sachdeva	SwetaDhayani	Ankita Rawat

### Annual Day Prizes

- All-Rounder of the College : Deergha Manocha
- Dr. S. Lakshmi Devi Award : Kaavya Raveendran
- Best Student :

Stream	Name
B.Tech., Computer Science	Shakshi Bachhety
B.Tech., Electronics	Priya Naib
B.Tech., Food Technology	Sandhya Yadav
B.Tech., Instrumentation	Deeksha Aggarwal
B.Sc. (H), Biomedical Sciences	Ritika Bhardwaj
B.Sc. (H), Computer Science	Deepti Sharma
B.Sc. (H), Electronics	Anju Kanyal
B.Sc. (H), Food Technology	Deveshi Gupta
B.Sc. (H), Instrumentation	Rupal

- Most Disciplined Student

Stream	Name
B.Tech., Computer Science	Diksha Tewari
B.Tech., Electronics	Bhawna Goel

Stream	Name
B.Tech., Food Technology	Disha Gupta
B.Tech., Instrumentation	Anushka Singh, Pratibha Sangam
B.Sc. (H), Biomedical Sciences	Samreen Fatima, Jayoti Saha
B.Sc. (H), Computer Science	Neerajpreet Kaur
B.Sc. (H), Electronics	Shreya Rai
B.Sc. (H), Food Technology	Ankita Tiwari
B.Sc. (H), Instrumentation	Pooja

5. Highest Attendance : Kritika Aggarwal, B.Sc. (H), Food Technology (99.24%)
6. CLP Student Ambassador Award :

CLP Phase 2	Ms. Neeraj Preet Kaur
CLP Phase 3	Ms. Ayushi & Ms. Anisha Sethi

7. NSS Special Award : Sweta Bainsla
8. Outstanding Sportswoman of the Year Award : Priya Naib

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!

