College Report 2015-16

Institute in Retrospect

With our country today on the threshold of becoming one among the highest economic powers in the world, empowerment of women assumes more relevance than ever before. Education of women has played a very important role in their empowerment and thus the overall social and economic development of our country. The Institute of Home Economics, founded in 1961, has played a sterling role in providing formal education to young girls from across the nation. The Institute is a centre of higher learning through a combination of skill full pedagogy, research and extension activities. Professional development, environmental awareness, societal values and extracurricular activities are the essential elements of our educational delivery.

The Institute offers under graduate programmes in Home Science, Microbiology, Biochemistry, Food Technology and Elementary Education; post graduate courses in Food & Nutrition and Fabric & Apparel Science; post-graduate diplomas in Dietetics and Public Health Nutrition and in Health and Social Gerontology and PhD.

Admissions for the Year 2015-16

This year, 384 students were admitted to various courses and there are at present, 1490 students on the rolls of the college.

The cut off percentages for admission to various courses were:

B Sc (Hons) Microbiology 87%

B Sc (Hons) Biochemistry 80%

B Sc (Hons) Home Science 74%

B Sc (Pass) Home Science 74%

Examination Results

Results for the exams held in April/May 2015 were excellent and extremely encouraging.

100% for M Sc Food and Nutrition

100% for M Sc Fabric and Apparel Science

100% for Diploma in Dietetics and Public Health Nutrition

100% for Diploma in Social Health and Gerontology

100% B. Tech Food Technology

95% for B Sc Microbiology (Hons)

100% for B Sc Biochemistry (Hons)

99% for B Sc Home Science (Hons)

97% for B Sc Home Science (Pass)

100% for B El Ed

Rank Holders

- Ms. Sumati of M.Sc. (Food and Nutrition) 2nd Year and Ms. Rinki Dabas of M.Sc. (Fabric and Apparel Science) 2nd Year were 3rd rankers in the University.
- Ms. Swati Yadav and Ms. S. Shilpa Nair of M.Sc. (Fabric and Apparel Science) 1st Year scored 1st and 2nd rank in the University semester examination respectively.
- Ms. Divya Rawat of PG Diploma in Dietetics & Public Health Nutrition was 1st rank holder in the university.
- Ms. Marilyn Sung of 3rd Year Home Science (Pass) secured 3rd rank in the University semester examination.

Infrastructural Facilities

With the introduction of new courses and to accommodate the increasing number of students, a new building block has being constructed with state-of-the-art laboratories and lecture theatres.

Institute of Home Economics is one of the first colleges of the University of Delhi to add a new building block as part of the OBC expansion. This will not only facilitate the increased intake of students to the college but also provide them ample space for study and to indulge in co-curricular activities. The new building has twelve spacious and well lit lecture theaters and eight laboratories. It also has a large conference room to host conferences and workshops for the benefit of the students and the faculty. The Institute runs a day care center for children and a prenursery school from this building block under the supervision of the faculty of Human Development and Childhood Studies. The highlight of the building is an amphitheater which can be used for conducting intra as well as inter-college events in the college. A staff room for the faculty will also be a part of this building. The building block has ample space in the basement to accommodate the future growth of the college and to hold student activities. The existing building of the college which houses the library, a conference room and several labs and lecture halls has been renovated to bring it at par with the new block and facilitate the teaching learning process.

The Institute has a fully computerized library with adequate infrastructure and a rich collection of more than 23,000 reference materials in the form of text /reference books, journals, thesis and periodicals. Besides accessing DU e-journals, the Institute subscribes to nearly 40 national and international journals. A bar code system with smart cards and scanners is used for the circulation of books. The college also has a well-equipped modern computer lab. An interactive website provides students with easy access to holistic information regarding the Institute and other on-going activities. The Institute has over 15 well equipped laboratories. This year, the institute has started a well-equipped gymnasium to cater to the needs of students looking for fitness workouts.

The faculty and departments of the college have been involved in organizing various academic as well as extra-curricular activities thorough the year:

The Department of Communication and Extension organized its annual Inter-college competition were successfully held by the Department in February 2016 on different themes. The competitions were judged by external judges and attractive prizes were given to the winners. The themes for various events were: Photography - Happiness, Ad-Mad World - An Eco-friendly World, Short Films – Social and Environmental Issues, RJ Hunt – Youth of India. A number of workshops organized throughout the year- 25 students of B.Sc. Home Science (Honours) Semester VI attended a workshop organized by the leading NGO SPYM (Society for Promotion of Youth and Masses) on 'Drug Abuse' from September 6-8, 2015 at India Habitat Centre. A workshop on 'Sensitization of Students to Sexual Harassment' was conducted by an Advocate, Mrs. Khadija in collaboration with the NGO Breakthrough in October 2015. It was attended by 60 students semester VI. A workshop on 'Gender Advocacy' was conducted by the NGO – Breakthrough to sensitize students to the issue of gender-related advocacy on February 4, 2016. A workshop focusing on 'Life Skills' was attended by 50 students of B.Sc. Home Science (Honors) semester VI by trainers from Belgium, Ms. Kelly and Ms. Julie in collaboration with SPYM (Society for Promotion of Youth and Masses) on February 5, 2016. A workshop on 'Communication: A Professional Discipline' was conducted by Dr. Devendra Sharma, Associate Professor, Communication and Performance, California State University, Fresno on February 5, 2016. The workshop was attended by 90 students of semester II.

A **talk** was organized A talk on 'Media, Mobility and Empowerment: Modes of Appropriation and Negotiation in Everyday Life' was delivered by Prof. Biswajit Das, Director, Centre for Media, Culture and Governance, Jamia Millia Islamia, New Delhi on February 5, 2016. A talk on 'Fashion

Communication' was delivered by experts from Pearl Academy of Fashion to students specializing in Communication. An interactive session on 'Radio Jockeying as a profession' was conducted by RJs Tauheen and RJ Paran, formerly from FM 104 on February 5, 2016. 15 students from B.Sc. (Hons) Semester IV specializing in the Department of Development Communication and Extension attended a talk on 'Reimagining the Future' delivered by the experts from Purdue University on October 30, 2015 and organized by PHD Chamber of Commerce.

A multi-college **one-week training-cum-workshop** on participatory video film-making was attended by three students of B.Sc. Home Science (Hons) Semester – VI conducted by the NGO – Breakthrough in October 2015. These students were selected by the process of interview conducted by Breakthrough. The students made their own scripts and videos at the end of the workshop. The films thus made were used for as part of resource material for training programs on gender issues.

The department of Human Development and Childhood studies organized its annual academic fest on 8th and 9th March 2016 to celebrate childhood and womanhood which included lecture on women, workshops for children and toy making competition for college students.

Department had been successfully running the **nursery school** as a lab school where new activities and innovations were being introduced on a regular basis for the overall and holistic development of the child.

On 14th November 2015, children's day, The IHE Play School took another step forward and was inaugurated in its new 'avatar' as **AARAMBH** in the premises of the campus in Hauz Khas. The nursery school has been the initiative run and guided under the Department of Human Development and Family Studies. It also serves as department lab to facilitate ecce and observation assignments for the students and faculty members. It organized its **1**st **annual day** 8th march, 2016 in the premises of IHE. The Aarambh annual day was celebrated as department's academic fest organized on the international women's day.

Number of **workshops** were organized throughout the year 2015-2015- Stress Management by Dr. Rachna K Singh for FYUP students, Motivation for 3rd year students FYUP, sesame street better nown as Galli Galli Sim Sim by Ms. Richa Shukla and Ms. Meenakshi khanna for B. Sc. Pass and Hons. II year students

A **talk** was organized in the department to empower students on "Spaces for Women" conducted by Ms. Jyotsna Lal from Aga Khan Foundation.

Department successfully running its **short term course** on Early Childhood Care and Education with students from college and outside.

The **Department of Fabric and Apparel Sciences** organised student activities for VIth semester FYUP students, for enhanced learning on the selection of clothes for various occasions. Final year students of Masters Programme represented the Department and won first prize at the fashion show event organized at the 'Handloom Utsav' of Lady Irwin College held on 17th November 2015. Workshops organized by the department included a series on 'Gender and Clothing' was conducted by Ms. Shivapriya, expert on gender studies, in the month on Feb, 2016 for a small group of II semester, B.Sc. Home Science (Pass) students. A two day workshop was conducted by Mr. Manu Mansheet on 'Visual Merchandizing' on 15th and 16th Feb, 2016 for undergraduate and post graduate students. A workshop was also organized on photography on 17th Feb, 2016 for undergraduate and postgraduate students. A one day workshop was organized by 'Mehala' and 'Paramount' for undergraduate and postgraduate students on 13th February, 2015. Design competition, fashion presentation and fun activities were organized at the academic day of the department for undergrad-

uate and post graduate students on 6^{th} October, 2015 to enhance the creative and presentation skills of the students.

Ms. Akanksha Jain conducted a **workshop** at Vasant Valley School on 'Synthetic Fibers' on 14th Dec, 2015. Ms. Shumaila Naaz with post graduate students conducted a workshop at Lakshman Public School on 'Techniques of Tie and Dye' on 15 Oct, 2015.

Visits organized by the department included a one day trip for graduate and undergraduate students to Handloom and Handicrafts fair held at Surajkund on 12th February 2016. A trip to Dilli Haat fair was organized for undergraduate students on 12th January, 2016. Market visit to Nehru place was organized for post graduate and undergraduate students in January, 2016. A day trip to Garment technology expo was organized by the Department for the students of Masters programme on 3rd March, 2015. Eminent speakers and visitors invited by the department included Ms. Manpreet Manshahia, Assistant Professor at Amity University, alumnus of I.I.T. Delhi and Technological Institute of Textile and Sciences, Bhiwani who delivered a lecture on latest trends and the functional requirement of high active sportswear to undergraduate and postgraduate students on 16th October 2015. Dr. Varsha Gupta, senior faculty, NIFT, delivered a lecture on 'Recycling of textile waste' on 7th March, 2016, to undergraduate and postgraduate students.

The **Department of Food and Nutrition** has been awarded the **BSc (Hons) Food Technology** course of the University of Delhi from July 2016 session.

The Department celebrated **Nutrition week** on 3rd September, 2015. A host of academic and funfilled activities were organized. The celebrations started with a talk by Dr. Seema Gulati, from Centre of Nutrition and Metabolic research on "*Prevention of Metabolic Syndrome*". This was followed by a talk on "*Oats – A Scientific Snapshot*" by Ms. Ankita Marwah, Manager, Nutrition Communication, Pepsico. The department also organized an **Inter-college Regional Cuisine competition** "**Festivals of India**". First prize was secured by Kamakshi Vasudev and Riya Gupta from IHE for their Kerala cuisine depicting the festival of Onam. Second prize went to Nayantara Shukla and Neha Sharma from Bhagini Nivedita college for their depiction of cuisine of Herath, Kashmir. An Inter-college competition "**Design a Nutrition Game**" was also organized. First prize went to Dimple Rawat for her game "Spin the nutrition wheel to get healthy Bheem". Uma Malik and Vandana Sharma secured the second prize for their game "Business of Diet". A **Nutrition Quiz** was also held on the occasion. The celebrations were sponsored by Pepsico.

The fourth Alumni meet – **IFNAA** was held on 4th September, 2015, coinciding with the Nutrition Week Celebrations. This year the guest of honour was Ms Indu Capoor, the founder director of CHETNA, an NGO working for nutrition upliftment of the underprivileged. A very interactive session on "Remembering College Days", was also held, which was in the form of a game and alumni were asked questions about their days in college. This was followed by a round of 'Zumba', a funfilled dance activity for the alumni. The event was attended by around 75 alumni and faculty of the department.

An interactive peanut butter **workshop** was organized to create awareness about Peanut Butter and its health benefits in the daily diet. Dr. P Janaki Srinath, Senior Consultant Nutritionist from Hyderabad conducted this workshop for post graduate students of the Foods and Nutrition Department.

MSc Previous students **visited** DIPAS where they were exposed to the latest equipment and techniques in physiological and nutritional research. DDPHN and MSc Final students went to visit a rural health training centre, Najafgarh where they were exposed to the functioning of PHC and the training of ASHAs and ANMs. Industrial visits to Food and Research Analytical lab FICCI Dwarka were undertaken by BTech (Food Tech) and MSc Group C students. Students of MSc (Fi-

nal) and DDPHN visited Maruti Udyog Limited to understand the concepts of Institutional food service management. An industrial visit was arranged for students of BTech Food Technology and MSc Final to Yakult's HACCP certified state of the art production facility at Rai, Sonepat. The tour provided a firsthand experience to understand the science behind Probiotics. M.Sc. (Final) students specializing in Public Health Nutrition visited 'Krishi Unnati Mela' – the National level Agriculture Fair-cum-Exhibition held at Indian Agriculture Research Institute, Pusa to create awareness about the latest agricultural technologies to enhance 'Food Security'.

Masters students organised a **canteen project**, getting a hands-on experience of quantity cookery and exposure to Entrepreneurship. Students of M. Sc (1st sem) developed innovative food products for convenience, for therapeutic use and for nutritional enrichment. MSc students underwent a 4 week **internship** at NFI, NIPCCD, Delhi Flour Mill, Delhi Milk Scheme and Whole Foods in June 2015. The Department created a **department logo** with the tag line "*Promoting Nutrition for Well Being*".

The **Department of Resource Management and Design Application** organised numerous departmental activities at regular intervals. '*Oracle -Academic Day*' was celebrated on 21st - 22nd September 2015. A talk on 'Marketing Trends' by Mr. Chirajay Sharma and Mr. Sumit Srivastava (Co-founders, Befikr.in) highlighted and created awareness among the students regarding marketing trends and strategies with special regard to segmentation, targeting and positioning processes in current scenario. *Logo designing* and *poster making competitions* on the theme of 'Consumer Awareness' was organised.

The students **visited** 'Kingdom of Dreams' to understand the concept of theme designing across different states and cultures. An educational visit was organized to the 'Mehrauli Archaeological Park' for B.Sc. Home Science (Hons) students, RMDA Specialization batch, to gain insights about the water harvesting system used in ancient times and also to understand the various archaeological features and architectures across religion. A field visit to TARA (Ghitorni) was also organized for the same batch by Dr. Renu Arora and Dr. Meghna for showing the 'Demo unit of green technologies building material' and the 'Process of waste paper recycling'.

Mr. Anuj Alphonson, Chief Operating Officer (COO), Safeducate conducted a **workshop** on '*Embracing Youths Potential by Skill Building Exercises*'. Leadership was the focus of the workshop. Ms. Nabanita Das, Managing Director of Space 'n' Mind, Core Designer and Consultant, conducted a lecture on '*Scope of Interior Design*' for helping students develop key skills required to become an effective interior designer. Career avenues, challenges and the growth trend in the industry was also discussed. Mr. Sunil Dahiya, campaigner/speaker from Green peace India (NGO) delivered a talk on '*National Health Emergency: Rising Air Pollution Levels in India*'.

The **initiatives** taken by the environmentalist and various activists with regard to the rise in toxic levels of air pollution levels and smog in the city was discussed. Ms. Monica from Human Kind Foundation, Faridabad delivered a lecture on *'Environment friendly way of converting organic waste into manure'*. She also helped the department set up an organic waste composting unit "KHAMBA- A composting solution by daily dump", as part of a practical under the subject 'Resources and Sustainable Development.' Dr Rakesh Agarwal, President, Rave Innovations delivered lecture on *'Air quality Assessment'*. Dr Radha Goyal from Indian Pollution Control Association, conducted faculty interaction on *'Methods of assessing indoor air quality in schools'*.

The Department inaugurated the 'Eco-club: Prakritik and Paper-Recycling Unit' on 16th March, 2016. Mr. Sabata, Sr. Scientist, Department of Environment, Mr. Abhishek, Sr. Technical Manager-TARA and Ms. Monica, Human kind Foundation delivered talks on the occasion. The department collaborated with The Daily Dump for the 'Demonstration on Organic Waste Management Practic-

es'. The department has since adopted the practice of managing organic waste by converting it into manure. A unique action initiative 'Junk Art' for recycling old junk into aesthetically appealing creations was undertaken. A 'Plantation Drive' in the college campus was initiated by the department and 200 free saplings were obtained from the Department of Environment, Government of National Capital Territory of Delhi. A short-term course entitled 'Human Resource Management: Beyond the Classroom' in December, 2015 was also conducted.

The **Department of Biochemistry** organised a **plenary lecture** and a **technical workshop** on 29th January. Professor Muralidhar, Emeritus Professor and J C Bose National Fellow from South Asian University delivered a lecture on "Nature of Biology Education, research and career". Also a Technical workshop was conducted on the topic "Computer aided drug designing and Autodocking" for BSc (Hons) Biochemistry Semester VI students. Further, a second series of technical workshops were organised on 29th February. The topic for BSc (Hons) Biochemistry Semester II students was "Protein structure and sequence database" and "Computer aided drug designing and Auto-docking (part II)" for BSc (Hons) Biochemistry Semester VI students. Dr. Geeta Trilok Kumar, the teacherin-charge of the Department and Dr. Shipra Gupta from Foods and Nutrition Department jointly organized two International workshops entitled "Introduction to STATA for Medical Statistics" and "Introduction to Design and Analysis of Clinical Trials and Epidemiology" in the college From Nov 30- Dec 4, 2015 under UGC-UKIERI Thematic partnership: Statistical and epidemiological capacity building to enhance India-UK collaboration. Senior faculty from the London School of Hygiene and Tropical Medicine were invited. The department also saw eminent visitors to the department, Dr Timothy Collier, Senior Lecturer in Medical Statistics London School of Hygiene and Tropical Medicine and Professor Suzanne Filtraeu, Professor of International Nutrition at London School of Hygiene and Tropical Medicine.

The **Department of Elementary Education** organised its **annual event**, **Aaghaz**, which included workshops, movie screening and movie presentation by fourth year students on internship experiences. A number of **workshops** organized throughout the year - "Gender, Clothing and Identity" by N. Shivapriya for first year students and on creating awareness about Health, Hygiene and Nutrition among Elementary School Children by Hope Foundation for third year students. Puppet making workshops were organised for first and second year students. A mathematics material workshop was conducted by Jodogyan for third year students which dealt with various mathematical concepts. Story-telling workshops were organised for first and second year students addressing several aspects associated with storytelling as a technique. Second year students attended workshops on Music in Education (a series of five workshops) at RRCEE, Delhi University and Gargi College.

A talk was organized by Siraj Kesar on the topic "Environment, Development and Displacement" for third year students. Talk by Kamla Bhasin titled "Unfolding of Patriarchy in current times" was attended by students at RRCEE, Delhi University. Fourth year students attended a seminar organized by Sri Aurobindo Education Society on "Teacher: The Key to Better Education in Schools" at Mother's International School, New Delhi.

Second and third year students participated in an **inter-college yoga competition** held at Vivekananda College. A **visit** to *National Science Centre* was organised for first year students in November, 2015. Third year students and faculty visited *Eklavya*, Madhya Pradesh from 7- 14 February 2016. Eklavya is a non-governmental organization that works for innovation in teaching-learning, research for education in rural parts of Madhya Pradesh. The students visited five centers around Madhya Pradesh and also planned activities for children in these areas. First year students were taken to *Dilli Haat* for Dastakar Mela in January 2016, with the objective to providing exposure to various regional crafts. Students of first year also visited *Bal Bhawan* in October, 2015. Third year students visited *Delhi Book Fair* to explore various teaching-learning materials available for various subjects.

For **placement** of B.El.Ed fourth year students four schools - Ark Foundation, Pathways, Heritage and Presidium - visited the college and interacted with students. Few students were shortlisted for further appointment.

Several initiatives were planned by the department to reach out to school principals, teachers and children. The Department organised an **interactive session** with school principals titled "School Leaders: Views and Opinions" at Institute of Home Economics. Dr. Mamta Singhal conducted a workshop with school teachers on Understanding Science Education in the context of NCF-2005 as a part of capacity building program for teachers (CBSE). Dr. Mamta Singhal and Ms. Nidhi Gulati conducted a workshop with MCD school teachers on the theme Revisiting EVS Textbook in the Context of NCF 2005. Dr. Mamta Singhal and Ms. Nidhi Gulati conducted a workshop with MCD school teachers on the theme Connecting with the environment. Ms. Suneeta Mishra and Ms. Sharmila Rathee coordinated and organised a workshop on "Storytelling as a pedagogic tool" in Swami Balendu school, Vrindavan. Ms. Suneeta Mishra organised a seminar on Representations and Stereotypes in Children's literature, Katha Manch.

The Microbiology Society of **Department of Microbiology** organized "Microcosmos" under the guidance of the faculty planned a pleothora of events throughout the year. Our students got an opportunity to interact with Prof. Dr. Mathew Hibbered from Sterling University, Scotland; Ms. Janelle Winters from the American Society of Microbiologist, Washington DC and Dr. Subeer Majumdar, Scientist, National Institute of Immunology, on topics related to climate change, future prospects abroad and transgenics. Our students also got a chance to participate in a workshop "Stem cells: Hype and Reality" organised under Science Setu Programme. They underwent training on "Cell Culture techniques and cytotoxicity" held at Amity University, Noida. Visits organised for the students included a visit to the 'Asia Lab expo-The laboratory show', held at Pragati Maidan, New Delhi, to the National Institute of Immunology and to the National Institute of Food Technology Entrepreneurship and Management. An interdepartmental competition on 'Our Dream Research Proposal' was organized on 16th September 2015 where the students presented their ideas on exploitation of microbes for the well-being of the society. Our department was actively engaged in various research projects and was also involved with various social causes such as Swachh Bharat Abhiyaan and Dengue awareness campaign. In continuation with our alliance with NII as Science Setu associate, the students of second and third years participated in the second workshop entitled, 'DNA fingerprinting' held the Hindu College. The event was also marked with the distribution of prizes for an essay writing competition on Stem cells, where our third year student, Ms. Shalini Sharma secured the first position beating a stupendous number of 14 participating colleges. She received a cash prize by Dr. K. Vijay Raghavan, the Secretary, Department of Biotechnology, India. The students of second year, Ms Tripti, Ms Rupali and Ms. Vaishali were the proud winners of an event, 'Science Hunt', organized by Ramjas College. A talk on the 'Fundamentals of Microbial Biotechnology' was delivered by Dr. Amulya Panda, Scientist, NII in the college on March 2016. Also as per the program structure of Science Setu, our third year students went to learn Basics of Molecular Cloning in the labs of Dr. V. Nandicoori and Dr. J.Batra at NII on 8th and 9th of March 2016. Aiming at strengthening the expertise on Bioinformatics, a hands on workshop was organised in our department for the third year students by Dr. Md. Imtaiyaz Hassan, Jamia Milia Islamia, New Delhi.

The **department of Physical Education** lays great emphasis on shaping the overall personality of students, not limiting itself to a mere matter of winning and losing on the sports field. It works towards improving the health, fitness and wellbeing of the staff and students at I.H.E. The main characteristic of the department is its multidisciplinary approach. Inter-house competitions in various sports events are organized. In addition, talks, workshops and seminars with special reference to human values, self-control, wellness, fitness, sports injuries, sports nutrition and sports psychology

are also held to raise awareness amongst the students .It also engages with the Elementary Education department to teach Physical Education as part of their course work. Eminent sports personalities and experts are also invited to speak to the students and inspire them with their rich and varied experiences.

I.H.E sports includes a variety of activities. The most awaited event is the Annual Sports Meet, an extremely exciting event for the students. This year, the newly developed sports infrastructure i.e. I.H,E FITNESS CENTRE was inaugurated by Mr.Amit Dhaiya, an Olympian wrestler, on 16 October 2015, along with Gymnasium, T.T Hall ,Sports Multi Purpose Activity Halls 1&2 as part of the opening ceremony of the Annual Sports Meet. A number of events were organized during the sports day celebrations. Keeping in mind the Academic Streams, Specific workshops were organized for the students on Sports Nutrition, Sports Media, Sports Management, Sportswear, Stress and Time Management and Know Your Fitness("fat to fit ").More than 300 students took part in the Athletic Events. Ms.Usha Dagar of B.Sc. (Pass)H.Sc. 2nd year was declared the Best Athlete for the session2015-16. DCP Mamta Sodha gave away the prizes.

Institute Of Home Economics hosted the D.U Inter-College Chess (M&W) Championship 2015-16 under the convenorship of Dr Namita Saini

The **NSS Committee** of the Institute organized various activities throughout the year. **International Yoga Day** As per the directives of Govt. Of India, International Yoga Day was celebrated on 21st June, 2015, to increase awareness among students about the importance of yoga and physical fitness in our lives.

NSS Day It was celebrated on 24th September, 2015. Following events were conducted in the college: Dengue Awareness workshop, Clean Campus Drive, Slogan writing Competition, Street play competition based on the theme Cleanliness/Clean India. Rashtiya Ekta Divas to commemorate the birth anniversary of Sardar Vallabh Bhai Patel, Rashtiya Ekta Divas was celebrated from 29th to 31st October, 2015. Vivekanand Day the Institute celebrated the "Birth Anniversary of Swami Vivekanand' on 12th January 2016. Diverse activities, which reminded and reinforced the life lessons and teachings of Swami Vivekananda were organized. These included essay writing competition, panel discussions and presentations among students, pictorial exhibition and display of Swami Vivekanand's' writings. Matdata Mahotsava the Election Commission of India celebrated Matdata Mahotsava from 14th to 17th January 2016.

The NSS volunteers participated in the following activities, at NSS Centre, Delhi University and Central Park, Connaught Place: Inter College Debate Competition, Inter College Graffiti competition, Inter College Street Play Competition, Inter College Slogan Writing competition Street play team got selected in the competition.

Breast Cancer Awareness programme was organized to increase awareness of students about breast cancer, a presentation on 20th January, 2016, by 'Can support' on the same, followed by a walk supporting cancer patients on 31st January, 2016. Women Health Programme Lecture on "Life style related diseases" by Dr. Ashraf Ganie, Endocrinologist, AIIMS on 2nd February, 2016. He also conducted diagnostic tests for blood sugar, lipid profile, thyroiditis etc. Digital India Workshop NSS volunteers attended this workshop at NSS Delhi University organized by Department of Electronics and Information Technology and National e-Governance Division, on the relevance of the digitization programme of the government.

Members of **Muzahira** the literary and debating society of the college participated in the number of debate competitions. Aakriti and Kaushiki participated in Hindi Debate held in Venkateshwar College wherein Aakriti got FIRST position. Kritika and Vani participated in English Debate held

in JIIT. Privanka and Prachi participated in English Debate held in JIIT. Niktia and Akriti participated in Debate held in JNU. Priyanka participated in youth parliament in St. Stephens college. Sanjogita and Priyanka and aryaka participated in Quiz held IIT-Delhi. Nikita, Himanshi Garg and Himanshi Singh participated in Quiz held in IIT. Himanshi Singh and Sanjogita participated in Quiz held in ANDC Acharya Narender Dev College. Priyanka participated in quiz held in AIIMS. Manaswi participated in **creative writing** held in ANDC Acharya narenra dev college. Bhavya participated in poster presentation held in Ramlal Anand College and won third position. Himanshi GARG participated in creative writing in IIT Delhi. Nikita and Himanshi Garg participated in slam poetry in IIT Delhi. Priyanka and Sanjogita participated in creative writing held in IIT Delhi. Students also visited to the NDTV programmes like We the People with Barkha DUTT where the guest was Vikram seth; We the people with Barkha dutt on the topic NIRBHAYA case; Prime Time with Nidhi Kulparni where the guests were bollywood stars Shahid kapoor and Alia Bhatt; Big Fight with Vikram Chandra on the topic political issues are effecting economy of our country. The society organized college debate competetion on the occasion of independence day in which student of our college participated. A General Knowledge quiz competition was also organized. On the occassion of annual festival the society conducted "eclairer" which include debating ,creative writing and turncoat in which student from different du colleges and other colleges of Delhi participated.

Papers presented at international conferences

Chanchal and Sudha Dhingra presented a paper on 'The colors of Natural Sustainable Dyeing with *Aal (Morinda citrifolia)*' at Annual conference of International Foundation of Fashion Technology Institutes at Beijing, China 2016.

Deepali Jain and Bani T Aeri. "Utilisation of maternal and child health services: perception and practices of women from urban slums of East Delhi" at the International Conference on Maternal and Child Nutrition, organized by Saifrn and Unicef, held at Colombo, 23-24 November, 2015.

Geeta Punhani, Jagriti Kher and Savita Aggarwal, Paper. "Adaptive strategies for climate change-hope for women" at the IFHE 2016 World Congress to be held in Daejeon, Korea from 31 July to 6 August, 2016 (paper accepted)

Geeta Punhani, Jagriti Kher and Savita Aggarwal. "Climate change and water vulnerability: Linkage with Gender Inequalities" at the 7th International Conference on Applied Human Factors and Ergonomics (AHFE 2016) to be held at Walt Disney World, Orlando, Florida, USA July 27-31, 2016. (paper accepted)

Manjula Suri. "Physiological role of Beta Endorphin in Pain modulation" for BIT's 6th Annual World Congress of Neurotalk 2015,22-24th May, Hangzhou, China.

Poonam Magu participated and presented a paper in the International Conference titled "*Path Process Chart - A technique to conduct Time and Motion Study*" at VI Applied Human Factors and Ergonomics Conference held at Las Vegas, USA from 26th -30th July 2015.

Puri S, Gaidhane A, Fernandez S, Puranaik A, Anand D, Zahiruddin QS, Patel A. "Content and stakeholder analysis of infant and young child feeding policies in India", International Conference on Maternal and Child Nutrition, Colombo, Sri Lanka, 23-24 November 2015.

Grover B, Puri S, Chopra G. "Influence of maternal psychosocial and dietary practices on pregnancy outcome: an exploratory study", 11th International Food Data Conference, Hyderabad, India, 3-5 November, 2015.

Renu Arora presented a paper titled "Importance of Interior Decoration in Home" in the 6th International Conference on Innovative Trends in 'Civil Engineering, Architecture and Environmental Engineering for Sustainable Infrastructure Development' (CEAESID-2015), organized by 'Krishi Sanskriti' at Jawaharlal Nehru University. Dr Meghna also participated and presented a paper titled "Housing for 21st Century" while Ms. Pratima Singh presented a paper entitled "Buildings for Life: Creating the Future, Conserving the Past".

Savita Aggarwal and Jagriti Kher. "Hoping for a better future? Women as drawers of water: Sharing the unequal burden" at the IFHE 2016 World Congress to be held in Daejeon, Korea from 31 July to 6 August, 2016 (paper accepted).

Suneeta Mishra. "Deciphering Indian multilingualism through Hindi film songs" at International Symposium on Bilingualism at Rutgers University, USA, May 2015.

Papers presented at national conferences

Divyansha Sharma, Chanchal, M.S Parmar presented a paper on 'Structural and dyeing behavior analysis of Thermocool and Polyester Yarns' at 31st Biennial conference "Science and Technology for Reaching the Unreached" held by Home Science Association of India at Dharwad Karnataka on January $28^{th} - 30^{th}$, 2016.

Harshita Chaudhary, Deepti Gupta, Charu Gupta presented a paper on 'Novel Infra-red technology for extraction of sericin from silk waste' at UGC sponsored National seminar on Food and Textile industry- Emerging trends and perspectives, organised by Lakshmi Bai College, University of Delhi, 10th-11th February, 2015.

Jyoti Aggarwal presented a paper on 'Semiotics of dress: A changing scenario' at first national social science researchers' colloquium on researching the contemporary India on 16-17th april, 2015

Kashish Vohra and Shipra Gupta. "Dietary Practices, Lifestyle Patterns and Nutritional Status of Semi-Professional and Professional Female Dancers" at 47^{th} Annual National Conference of the Nutrition Society of India held at National Institute of Nutrition, Hyderabad on October 9-10, 2015.

Magu,P, Khanna,K. and Seetharaman,P.(2015). Path Process Chart - A technique to conduct Time and Motion Study. *Procedia Manufacturing*, Volume 3, pp. 6475–6482

Mamta Singhal. "Linking Early Childhood Education with Primary Grades" at the National Seminar held in Lady Irwin College. March 13, 2015.

Mamta Singhal and Nidhi Gulati. "Children's Alternative Conception in Environmental Studies (EVS)" at the National Seminar on "Emerging Trends in Education: New Paradigms" at Shyama Prasad Mukherji College on March 10-11, 2016.

Nidhi Gulati. "Films as a pedagogic tool in teacher education" at LSR, University of Delhi. September 7th, 2015.

Nidhi Gulati. "Construction of childhood in popular hindi cinema: Interrogating the figure of the child-as-orphan" at CESI international conference held at Bangalore, 14-16 Dec 2015.

Renu Gulati. "Frustration tolerance and Aggression amongs Adolescences" at the National Seminar on "Stress and Mental Health: Nurturing positivity in children and adolescent" at IGNOU on 2th March 2016

Ritu Atheya participated and presented a paper titled "Augmenting Intrapreneurship in Learning Organizations" in World Congress on 'Advance Management Practice in Business, Banking, Economics, E-commerce, Marketing and Tourism' from 26th -27th September 2015, organized by 'Krishi Sanskriti' at Jawaharlal Nehru University.

Ruchira Das. "Between the Native Land and the City: Negotiations and Experiences of the Santhal Migrants of Kolkata" in the National Conference on Migration, Diaspora and Development, organised by Global Research Forum on Diaspora and Transnationalism (GRFDT), India International Centre, Delhi onFebruary 20 and 21, 2016.

Sharma R, Sabharwal V and Kataria D. "Consumption Pattern of Caffeinated beverages and Perceived Health benefits: A Study among Young Working Adult in Delhi" at 47th Annual National Conference of Nutrition Society of India, NIN Hyderabad, 2015.

Sharmila Rathee. "Disability, Humiliation & In-group Identification: Experiences of Students with Disability" at National conference on Access to Higher Education: Overcoming Challenges faced by Students belonging to SCs, STs, OBCs & Students with Disabilities held at Jawaharlal Nehru University, New Delhi, March 9-10, 2015.

Invited as speakers

Nidhi Gulati. "Interrogating the figure of the child-as-orphan in popular hindi cinema" on 19th August 2015, in the SES (School of Education Studies) Seminar of Ambedkar University, Delhi.

Nidhi Gulati. "Understanding childhood" at Shiv Nadar University for their 'Theatre for Education and Social transformation' in November - December 2015.

Suneeta Mishra. "Knowledge, Exclusion and Society: Interdisciplinary perspectives" organised by Zakir Hussain Centre for Educational Studies, JNU. September 2015.

Research papers published/accepted

Arora, R. Importance of Interior Decoration in Home. *Journal of Civil Engineering and Environmental Technology (JCEET)*, Krishi Sanskriti Publications, Volume 2, Number 3 (January-March, 2015), Print ISSN: 2349-8404, Online ISSN: 2349-879X.

Arti Nigam. "Purification and characterization of a *Bacillus subtilis* keratinase and its prospective application in feed industry", Acta Biologica Szegediensis. 2015 December. (accepted)

Atheya, R., & Arora, R. Augmenting Intrapreneurship in Learning Organizations. *Advances in Economics and Business Management*, Vol-2, Issue-12,

July-Sept., pp.1165-1168, Krishi Publications, p-ISSN: 2394-1545; e-ISSN: 2394-1553.

Bhupinder Kumar published two international papers; "Moderate DNA damage promotes metabolic flux into PPP via PKM2 Y-105 phosphorylation: a feature that favours cancer cells" in Molecular Biology Reports and "Resveratrol inhibits TIGAR to promote ROS induced apoptosis and autophagy." in Biochimie.

Chanchal, Khurana, P., Pant, S. (2015) 'Telia Rumal, double Ikat fabric of Andhra Pradesh, Indian Journal of Traditional Knowledge, Volume 15.

Chanchal, Khurana, P., Pant, S. (2015) 'Telia Rumal: Relic to Contemporary Ikat' Fibre2Fashion.com, (World of Garment; Textile; Fashion).

Chaudhary, H., Gupta, D., Gupta, C. (2015) 'Sericin based bio active coating on polyester', Indian Journal of Fiber and Textile Research, Vol 40.

Chaudhary, H., Gupta, D., Gupta, C. (2015) 'Novel Infra-red technology for extraction of sericin from silk waste', UGC sponsored National seminar on Food and Textile industry- Emerging trends and perspectives, 10th-11th February, 2015, Book of Conference proceedings.

Chaudhary, H., Gupta, D., Gupta, C. (2015) 'The story of sericin- The extraction, recovery, properties and application of sericin' http://www.fibre2fashion.com/industry-article/7642

Chaudhary, H., Gupta, D., Gupta, C. (2016) 'Multifunctional dyeing and finishing of polyester with Sericin and Basic dyes', *The Journal of the Textile Institute*, doi 10.1080/00405000.2016.1165401, Impact factor: 0.725, ISSN No. 0040-5000.

Filteau S, Rehman AM, Yousafzai A, Chugh R, Manpreet Kaur, HPS Sachdev HPS, Trilok-Kumar G. Associations of vitamin D status, bone health and anthropometry with gross motor development and performance of school-aged Indian children who were born low birth weight . BMJ Open. 2016 Jan 8;6(1):e009268. doi: 10.1136/bmjopen-2015-009268, . Impact factor 2.75

Gupta V, Gulati P, Bhagat N, Dhar M and Virdi JS. Detection of Yersinia enterocolitica in food: an overview. Eur J Clin Microbiol Infect Dis, 2015 34:641-650.

Husain D, Khanna K, Puri S, Haghighizadeh M. "Supplementation of Soy Isoflavones Improved Sex Hormones, Blood Pressure, and Postmenopausal Symptoms." J Am Coll Nutr. 2015 Jan 2;34(1):42-48.

Jagriti Kher, Savita Aggarwal and Geeta Punhani. "Women as drawers of water: Sharing the unequal burden". The *International Journal of Gender Studies in Developing Societies*, Inderscience Journals.(paper accepted)

Jyoti Dalal. "The Indelible Class Identity: Ethnographic Examination of a School". Economic and Political Weekly, L (8), 2015.

Kaku, D. and Saini, D. "Chattopadhyaya Committee Report (1983-85): Recommendations and their Relevance in Today's Scenario of Teacher Education" published in Abhinav National Monthly Refereed Journal of Research in Arts and Education, Volume 4, Issue 5, May 2015.

Malik, R., Arora, R., & Aggarwal, S. (2015). Consumer Awareness of Consumption of Raw Milk: A Review of Risk and Health Hazards. *Weekly Science Research Journal*, Vol-3, Issue-17, November, pp. 1-7, ISSN: 2321-7871.

Mamta and Rajam MV. "Host-induced RNAi-mediated targeting of chitinase gene of Helicoverpa armigera confers insect resistance in tobacco and tomato" Plant Mol. Biol. (2016) 90:281–292. Manjula Suri, A Pathak and P Kapur. "Dietary Approaches to Prevent Age Related Macular Degeneration: A Review". The Indian Journal of Nutrition and Dietetics Vol.53 (2), April - June (2016).

Manjula Suri, Namita Saini and Shipra Gupta. "Exploring the Physiological Effects of Yoga: A State of the Art Review". International Journal of Physical Education, Sports and Health, (2016).(paper accepted)

Nidhi Gulati and Suneeta Sharma. "Films as a tool in initial teacher preparation". In Learning Technologies in Education (ed.) Husain, A., Husain, I., Masih, A. & Bhatia, H.K. Conference Proceedings- IEC, JMI. New Delhi: Excel India Publishers, 2015.

Nidhi Gulati. "Growing up: a narration of childhood from colonial to neo-liberal times" (Review of research on childhood in India). ADHIKAR An International Refereed and Peer-Reviewed Research Journal Related to Higher Education. Yr-5 Vol.9, Sept 2015.

Priti Khanna and Bani Tamber Aeri. "The Unexplored Relationship Between Diet & Mental Health: A Review." Journal of Medical Science and Clinical Research. Vol 4 (2): 9556-9572.

Priyanka Singh, Shipra Gupta. "Influence of Non-Maternal Caregivers on Morbidity Profile, Dietary Intake and Development of Preschool Children". International Journal of Scientific and Research Publications, August 2015, Volume 5, Issue 8.

Rachita Gupta, SeemaPuri, Harish Chellani and Geeta Chopra. "Influences of Intrauterine Exposures Propelling Low Birth Weight: The Chagrin of Babies in the Developing World". International Journal of Scientific and Research Publications.

Rathee, S. "Story-telling and Pedagogical Potential of Stories". Language and Language Teaching. Vol 5 (1), Issue 9, Jan 2016.

Ruchira Das. "Hegemony of English Language in Private Schools in Urban India". The New Leam, Vol. 2, No. 7, 2015.

Saini, D. "Cyberbullying in Schools: An Emerging Form of Bullying" published in Conference Proceedings, Learning Technologies in Education, 2015.

Saini, D. "Teacher Education in India and the Contemporary Reforms: NCFTE and Right to Education (RTE) Act" published in The Signage: An International Bi-annual Bi-lingual Refereed Research Journal of Education and Social Science, Volume 3, Issue 1, Jan- June 2015, page no. 57-62.

Saini, D., Kaku. D & Sehrawat, A. "Role of Education in bringing "Power to" the women in India" published in Conference Proceedings, Women in the 21st Century: Working Towards Empowerment, 2015.

Sakshi Saini, and Savita Aggarwal. "Women as Key Agents of Climate Change Adaptation". *Proceedings of National Conference on Climate Change: Impacts, Adaptation, Mitigation Scenario and Future Challenges In Indian Perspective.* Department of Botany, Deen Dayal Upadhyaya College, University of Delhi, (2015).

Seema Puri, Deepika Anand. "The State of Nutrition of the marginalized community in India." International Journal of Recent Advances in Multidisciplinary Research, August -2015.

Seema Puri. Book Review: Nutrition for Sport and Exercise: A Practical Guide by H. Daries. Indian J Med Res March 2015, 141: 373-375.

Shipra Gupta, K. Geeta, Geeta Mehto. "Self-Care Behaviour Practices and Related Factors among Hypertensive Men and Women in Delhi". Asian Journal of Multidisciplinary Studies, Vol. 4, Issue 1, January 2016, pp12-19.

Singh, P. (2015). Buildings for Life: Creating the Future, Conserving the Past. *Journal of Civil Engineering and Environmental Technology (JCEET)*, Krishi Sanskriti Publications, Volume 2, Number 3 (January-March, 2015), Print ISSN: 2349-8404, Online ISSN: 2349-879X, pp 211-213.

Singhal, M. "RTE in India: Challenges after 5 years Journey". Jamia Journal of Education, 2015.

Singhal, M. "Scientific literacy to all- Challenges to a dream". International Research and Review. Vol. 4, No. (3), 2015.

Singhal, M. Pre-service elementary teachers' "Understanding of content and nature of science". *Journal of Education & Pedagogy*. Vol. VII, No. 1&2, 2015.

Smriti Sharma, Seema Puri. "Prebiotics and Lipid Metabolism: A Review." Alternative Therapies in Health and Medicine, 2015, 31 S3: 28-36.

Sonee, N., Arora, C., Parmar, M.S. (2016) 'Development of fabrics using various fiber blends to develop protective clothing for oil and gas industry workers, IJERT, Vol 5, Issue 3.

Sudha, Gupta, C., Aggarwal, S., Burman, A., Gupta, R. (2016) 'Aspergillus niger as novel source of textile dye', Asian Dyer.

Trilok Kumar G, Chugh R and Eggersdorfer M,. Prevalence of vitamin D deficiency in India: a review. IJVNR 2015 85(3-4):185-201.

Trilok Kumar G, Kaur M, Rehman AH, Arora H, Rajput MM, Chugh R, Kurpad A, Sachdev HPS, Filteau S. Effect of vitamin D supplementation in infancy on growth, bone parameters by quantitative ultrasound, body composition and gross motor development at age 3-6 years: follow-up of a randomised controlled trial. International J Epidemiology (2015) Jun;44(3):894-905.

Veenu Wadhwa. "Developmentally Appropriate Practices". Early Childhood Education Programme by DPS Society (2015).

Veenu Wadhwa. "Cognitive development of Preschool Child". Early Childhood Education Programme by DPS Society (2015).

Awards

Achala, a B Tech food Tech student won prize in poster making competition on 16 th Oct 2015 at the World food day celebration organised by AFSTI.

Neeti Vaid, Assistant Professor was awarded as one amongst the selected 20 young women achievers in India by Women in the World Summit (launched by the famous journalist Tina Brown in 2010) held at New Delhi on November 20, 2015.

Nidhi Gulati completed the Fulbright-Nehru Doctoral Fellowship. Was affiliated with the Department of Curriculum and Instruction. University of Wisconsin- Madison.

Savita Bansal was awarded the UGC post doctoral fellowship for women.

Sharma R, Sabharwal V and Kataria D. Appreciation award by Quaker Oats for Poster entitled 'Consumption Pattern of Caffeinated beverages and Perceived Health benefits: A Study among Young Working Adults in Delhi' at 47th Annual National Conference of Nutrition Society of India, NIN Hyderabad, December 2015.

Shipra Gupta has been awarded Research and Development Grant 2015-16 by University of Delhi

Memberships

Geeta Trilok Kumar is a member of collaborative consortium group conducting an Individual Patient Data (IPD) Meta-analysis of Randomised Clinical Trials of Vitamin D Supplementation to Prevent Acute Respiratory Infection. She is also a member advisory committee, Govt of India, National Nutrition survey, member task force on nutrition, ICMR and member HBGDi child growth consortium, funded by Gates Foundation and is a member of project proposal review boards of DBT and ICMR.

Nidhi Gulati is a member of the Joint Review Mission, Himachal Pradesh, MHRD. March 2016

Nidhi Gulati was appointed as a member of the Fulbright Selection Committee, to select US fellows to India, for teaching assistantships. January 2016.

Nidhi Gulati is Member, Core Committee, B.El.Ed review and revision. September 2015 onwards

Nidhi Gulati, Jyoti Dalal, Mamta Singhal, Suneeta Mishra and Ruchira Das are members for review of papers in Learner studies, Education, Science Education, Linguistics and Language education and Social science respectively as part of the B.El.Ed revision, September 2015 onwards.

Rinki Minakshi is the member of the American Society of Microbiology(ASM)

Seema Puri has been elected as National Vice President, Indian Dietetic Association (2015-2019).

Seema Puri is a member of Nutrition Coalition for Sustainable Food and Nutrition Security and member of the Organising Committee of International Conference on Maternal and Child Nutrition, Colombo, Sri Lanka, 23-24 November 2015.

Seema Puri is a member South Asian Infant Feeding Research Network.

Seema Puri is a member of Project Review Committee in Geriatrics of the Indian Council of Medical Research.

Seema Puri is a member ICMR Expert Group on "Development of guidelines for diagnosis and management of celiac disease in India".

Seema Puri is a member of Committee of Nutrition Experts to Review Midday Meal Menus Supplied in Government/ Government Aided Schools of Directorate of Education, Govt of Delhi.

Suneeta Mishra was a member of the core committee and convenor of the English and other Languages group for the 25% syllabus reduction undertaken by Delhi govt and SCERT (Dec 2015-Jan 2016)

Suneeta Mishra was a Field Mentor for a student of MA Education (Elementary), TISS, for dissertation titled 'A Study on how Comprehension skills are enhanced through stories" (September- October, 2015)

Veenu Wadhwa appointed as a member of advisory committee for the centre for Early Childhood Education and Development (CECED) in Ambedkar University Delhi.

Research Projects Ongoing/Completed

Archana Burman is the Co-PI of the innovation project entitled "Evaluation of microbial flora of Indian fermented food for the development of novel probiotics having antioxidant properties", funded by University of Delhi.

Bhavna Negi, Meghna and Shubra Gupta, is working on innovative project "National Designing Play Spaces for Children's Wellbeing: A Study of Play Areas in Malls" Funded by University of Delhi Innovation Projects Scheme (2015-16)

Charu Gupta, investigator for the project on 'Recycling pre-consumer textile waste using water soluble film technology for developing eco-friendly product', approved under innovation project scheme by University of Delhi for 2015-16.

Charu Gupta, investigator for the project on 'Degumming of silk using microbial dyes', approved under Research and Development scheme by University of Delhi, 2015-16.

Geeta Trilok Kumar is involved in the following projects:

- a) "Trial of vitamin D supplementation to prevent acquisition of latent tuberculosis infection in schoolchildren (ViDiKids)", funded by Medical research Council, UK;
- b) 'Effect of vitamin D supplementation in infancy on bone and lean mass growth and function in childhood" funded by Department of Biotechnology (DBT), Government of India
- c) "Nutritional status of young children living in slums of south Delhi", funded by New Zealand Research Council.

Jyoti Aggarwal, investigator for the project on 'Girls, Clothing and Identity: sensitizing young girls to the prevailing gender differences', approved under innovation project scheme by University of Delhi for 2015-16.

Jyoti Aggarwal, investigator for the project on 'Development of a scale to measure effect of self concept on fashion adoption', approved under Research and Development scheme by University of Delhi, 2015-16.

Jyoti Dalal was granted an Innovative research project, titled 'Girls, Clothing and Identity: Sensitizing Young Girls to the Prevailing Gender Differences in collaboration with the Department of Fabric and Apparel Science. Grant agency: University of Delhi Innovation Projects Scheme.

Manjula Suri, Namita Saini and Shipra Gupta is working on innovative project "Effect of an integrated intervention package including yoga training and diet counseling on health status of young college-going females" Funded by University of Delhi Innovation Projects Scheme (2015-16)

Neeru Bhagat is the Co-PI for the innovation project entitled "Indoor Air Quality Assessment in selected schools of Delhi-NCR region" sanctioned by Delhi University.

Neeti Vaid is working on innovative project "Living Roots: Recycling Pre-consumer Textile Waste Using Water Soluble Film Technology to develop an Eco-friendly Label" Funded by University of Delhi Innovation Projects Scheme (2015-16)

Nidhi Gulati and Mamta Singhal completed a two-year research project titled, "Facilitating constructivism in government school classrooms" funded by ICSSR.

Pratima, Renu Arora and Neeru Bhagat have undertaken an Innovative Project titled 'Indoor air Quality Asssessment in Selected Schools of Delhi-NCR Region' funded by University of Delhi (2015-2016).

Renu Arora and Charu Gupta successfully completed an Innovation project on "Developing a sourcing database and analyzing the dynamics of Indian home furnishing Industry: Retail and Consumer Perspective" in 2015.

Richa Sharma has the Project sanctioned by DST under the Fast Track Young Scientist Scheme on September 2013 for a period of three years on "Bacterial γ -glutamyl transpeptidase: Characterization and application as debittering enzyme".

Rinki Minakshi, Sunita Aggarwal and Arti Nigam has the Innovation Project from Delhi University on "Evaluation of microbial flora of Indian fermented food for the development of novel probiotics having antioxidant properties", September 2015-September 2016.

Savita Aggarwal and Dr. Geeta Punhani is working on a three year research project "Gender and Climate Smart Agriculture: Enhancement on Adaptive Capacity of Rural Women" Funded by UGC (2015)

Shipra Gupta. 'Dietary Practices, Lifestyle Patterns and Nutritional Status of Nurses from Government Health Facilities in Delhi' funded by University of Delhi.

Shipra Gupta. Co-investigator for project entitled 'Effect of an integrated intervention package including yoga training and diet counseling on health status of young college-going females' funded by University of Delhi under Innovation Project Scheme (2015-16)

Shipra Gupta. Co-investigator for a project entitled 'Statistical and epidemiological capacity building to enhance India-UK collaborations' (2014-2016) funded by UK-India Education and Research Initiative.

Seema Puri. Nutritional risk factors for growth and development of low birth weight infants in the first year of life (2014 -) funded by Indian Council of Medical Research and Analysis of IYCF Policies in South Asian Countries (2013-) funded by the South Asian Infant Feeding and Research Network (SAIFRN).

Participation as resource persons/ technical experts

International

Seema puri. Visiting Faculty in Clinical Nutrition to the Faculty of Medicine, University of Colombo, Sri Lanka (2015 -)

Seema Puri. Expert Panel to establish a global dietary recommendation for pulse consumption constituted by Pulse Canada for the global pulse industry (2015 -)

National

Arti Nigam. Reviewer: manuscript for Agriculture (Polnohospodarstvo) (Slovak Republic) Siderophore: Structural and Functional Characterization, August, 2015.

Arti Nigam. Reviewer: chapter entitled Food biotechnology: Applications of biotechnology in industrial production of fermented dairy products and bread. IIIL Course material. September, 2015.

Arti Nigam. Co-guide for Ph.D awarded in Novemember,2015 to Sonali Gupta registered at Amity University. Title: Bacterial keratinase: Production, purification and its applications.

Bani Aeri. Nutrition expert on 7 episodes of programme "Fit Rahe India" aired on DD Sports. Arti Nigam. Academic expert for Microbial Biotechnology at Amity Institute of Microbial Biotechnology, Amity university.

Charu Gupta attended advisory committee meeting for UGC-DRS Programme in Clothing and textiles on 26th Feb, 2016 as an expert. The meeting was held by the Department of Clothing and Textiles, Faculty of Family and Community Sciences, The Maharaja Sayajirao University of Baroda.

Charu Gupta, Jyoti Aggarwal and Amita Walia were invited as experts at Dayal Bagh Educational Institute, Agra, Nov 2015.

Geeta Chopra, participated as Core group for developing Early Learning and Development Guidelines for Indian children, CECED, Ambedkar University, Delhi

Geeta Chopra, Chaired a session 'Inclusive practices in ECD' at 3rd International Conference on Early Childhood Development organized by Jamia Millia Islamia university (Nov, 2015)

Harshita Chaudhary and Akanksha Jain were invited at radio talk show conducted by National Institute of Open Schooling on 28th November 2015 and 3rd January 2016

Jyoti Aggarwal was invited as an expert to evaluate fashion and textile technology in CBCS curriculum by IIS University, Jaipur on 4th March, 2016.

Jyoti Aggarwal and Chitra Arora were invited to evaluate the curriculum of fashion designing of Punjab Technical University, Jalandhar by UGC in July 2015.

Manjula Suri, As PhD thesis D.C. member guiding Ms. Arpita Chakraborty for Ph.D,Physiology at Department of physiology, All India Institute of Medical Sciences, New Delhi (2016)

Meghna was invited to NIOS for developing online open course for senior secondary level in Home Science.

Meghna was invited to NIOS for a panel discussion on 'Housing'.

Meghna was invited to NIOS for a panel discussion on 'Waste Disposal' as a part of Resources and Sustainable Development Curriculum.

Namita Saini was appointed as the common expert for the sports quota admissions for the year 2015-2016

Namita Saini was appointed as the member of selection committee for the DU inter college (w) hockey tournament 2015-2016

Namita Saini was appointed as the Delhi University Sports Council Representative for the sports quota admissions for the year 2015-2016

Nidhi Gulati is coordinator the translation of readings for the psychology papers, M.A. Programme in Education for Azim Premzi University, Bangaluru.

Ruchira Das involved in content/material development in a project with Central Board of Secondary Education, Ministry of Human Resource Development

Ruchira Das peer-reviewed a paper titled "School Based Supervision for Quality Improvement in Secondary Schools" (to be considered for publication in the journal - Contemporary Education Dialogue, Sage Publications).

Suneeta Mishra was invited as a Resource person for a workshop on Maths kit for I and II grade by ESMP project of DEE, NCERT (Nov 2015)

Suneeta Mishra was invited as a Resource person for Review of Maths textbooks of states and union territories at NCERT, Delhi (Oct 2015)

Suneeta Mishra was invited as Resource person to conduct a 3 day training workshop organised in Uttarakhand by NCERT on using Maths kit with grade I and II (Feb 2016)

Suneeta Mishra conducted a session on Multilingualism in India and using it as Resource for DIET students at DIET, R K Puram. August, 2015.

Seema puri. Science for Equity, Empowerment and Development Division of the Department of Science and Technology (2015-), - Technical Expert for evaluation of proposals

Seema puri. Nestle Council for Nutritional Affairs – Expert Member

Shipra Gupta. Expert for development of e-content in Home Science at Secondary Level for National Institute of Open Schooling, Ministry of Human Resource Development, Government of India (July – September, 2015)

Vandana Sabharwal provided technical guidance to PATH, India for documentation on current systems and development of Standard Operating System for Human Milk Banking in India.

Veenu Wadhwa was a resource person for the Early Childhood Education Programme organized by the DPS Society.

Conference/academic events attended

Anuruti Swarnkar, Lipika Sharma, Mausumi Ghosh, Noor Luthra, Neetu Sahu, Dr. Taruna Arora*, Dr. Rohit Bhatia* presented a poster titled "Evaluation of herbal extracts as potential anti-hyperglycemic agents" in the conference titled "Comprehending genes at work: from Structural bio to drug discovery",10th Symposium Frontiers in Biomedical Research, at Ambedkar Centre for Biomedical Research University of Delhi on 29th -31st Oct, 2015

Anupa T Anil, Simran Nagi, Tanya Khanna, Tanya Jain, Muskan Nagi, Komal Sharma. Dr. Taruna Arora*, Dr. Rohit Bhatia* presented a poster titled "Drug designing and Structure activity relationship" in the conference titled "National Symposium on Lifestyle Disorders (NSLD):Understanding the molecular mechanisms" held at Shivaji College, University of Delhi on 28th -29th Jan, 2016 Bani Aeri attended the International Conference on Maternal and Child Nutrition, organized by Saifrn, Unicef, held at Colombo, Sri Lanka on 23-24th November, 2015.

Deepali , Shivani Dr. Taruna Arora*, Dr. Rohit Bhatia* presented a poster titled "Antibacterial, Antifungal and Antioxidant properties of aromatic functionalized fullerenes" in the conference titled "ETFC-Emerging Trends & Future Challenges in Chemical sciences" held at Kirorimal College, University of Delhi on the 4th -5th Feb, 2016.

Department of Biology's faculty attended Workshop on the "Uses of Ubuntu Operate System" organized by college

Faculty of Department of Food and Nutrition attended the NAMS-NFI National Symposium on "MDG: lessons learnt and way forward to SDG" held at Kamla Raheja Auditorium in Prof J S Bajaj Centre for Multi-professional Education, NAMS House, New Delhi on November 27, 2015.

Faculty of Department of Food and Nutrition and MSc (Final) and DDPHN students attended the 3rd Workshop on Clinical Nutrition organized by Indraprastha Apollo Hospitals, New Delhi and Centre for Research on Nutrition Support Systems (CRNSS) at Indraprastha Apollo Hospitals, New Delhi on September 16, 2015.

Faculty of Department of Food and Nutrition attended scientific conference on 'Low Calorie/ Non Nutritive Sweeteners: Uses and Safety' organized by International Life Sciences Institute-India (ILSI-India) at Hotel Le Meridian, New Delhi on September 15, 2015.

Faculty of Department of Food and Nutrition attended the National Consultation on "Nutrition – Business Models for Securing Nutritional Outcomes" organized by CII-Jubilant Bhartia Food and Agriculture Centre of Excellence in partnership with Global Alliance for Improved Nutrition (GAIN) at India Habitat Centre, New Delhi on August 25, 2015.

Geeta Trilok Kumar attended a 3 week short term course on statistical methods and Epidemiology at London School of Hygiene and Tropical medicine.

Geeta Trilok Kumar co-chaired a session at the Vitamin D workshop at Delft, Netherlands.

Geeta Trilok Kumar was an invited speaker at the 47th Annual National Conference of Nutrition Society of India held at Hyderabad from 9-10 October 2015 and gave a talk on "Vitamin D and Health: the current scenario".

Geeta Trilok Kumar participated in an International conference on "on-the-ground" regional experts in discussing diet policy and cost-effectiveness in target countries of India, Bangladesh, and Nepal, at the Yak and Yeti resort in Kathmandu, Nepal, from December 8-10, 2015.

Geeta Trilok Kumar was the Invited speaker at 19th SNEHA meeting, Hyderabad and gave a talk on "Relation of growth in early infancy with cardio-metabolic risk factors during childhood in term low birth weight Indian children".

Jyoti Dalal, Mamta Singhal, Ruchira Das and Mohammad Asif participated in a workshop on Theatre of the Oppressed organised by RRCEE from 9-11th December, 2015

Mamta Singhal attended the National Seminar held in Shyama Prasad Mukharjee College titled Teacher Education in India: Aligning with Contemporary Needs and Trends. February 12-13, 2015.

Mamta Singhal attended the National seminar held at Lady Irwin College. March 13, 2015.

Manjula Suri participated in "Cleveland Clinic Advanced Certificate Course in Diabetes" held in CME credit hours from Delhi Medical Council Delhi on 22-23 August, 2015.

Manjula suri Participated as Faculty in 5th National Conference on "Sleep Disorders" by Sleep Forum Association India, held at Jaipur Golden Hospital, New Delhi on 7th and 8th March, 2015.

Manisha, Sonia Mondal, Manju Lakshmi Dr. Taruna Arora*, Dr. Rohit Bhatia* presented a poster titled "Eco friendly synthesis of silver nanoparticles and study of its antibacterial and antioxidant properties" in the conference titled "ETFC-Emerging Trends & Future Challenges in Chemical sciences" held at Kirorimal College, University of Delhi on the 4th -5th Feb, 2016 and won the 2nd prize.

Mansi, Shabana ,Bharti, Tahzeeb, Soumya Dr. Taruna Arora*, Dr. Rohit Bhatia* presented a poster titled "Development of antibacterial diapers with Ag nanoparticles" in the conference titled "Nanosciences: opportunity and challenges" held at Maitreyi College, University of Delhi on the 19th - 20th Feb, 2016.

Mansi, Shabana ,Bharti, Tahzeeb, Soumya, Dr. Taruna Arora*, Dr. Rohit Bhatia* presented a poster titled "Hydrogel- a cheap alternate protein concentrator" in the conference titled "ETFC-Emerging Trends & Future Challenges in Chemical sciences" held at Kirorimal College, University of Delhi on the 4th -5th Feb, 2016 and won the third prize.

Mansi, Shabana ,Bharti, Tahzeeb, Soumya Dr. Taruna Arora*, Dr. Rohit Bhatia* presented a poster titled "Microbiology in future" in *Microvitae* held at Ram Lal Anand College, University of Delhi on the 16th Feb, 2016.

Meghna participated in the workshop on 'Innovative Teaching Methodologies/Pedagogy' Organised by UGC-ASC, centre for professional development in higher education, University of Delhi from January 15-16, 2015.

Namita Saini attended national conference on corporate social responsibility sports, olympism and global peace in march 15thto17th 2016

Neeru Bhagat participated in 56th Annual Conference of Association of Microbiologists of India (AMI-2015) and International Symposium on "Emerging Discoveries in Microbiology" organized by School of Life Sciences, JNU, New Delhi (7-10 Dec 2015). She also participated in DBT sponsored workshop on "Bioinformatics techniques in genome and proteomic analysis" held at ICGEB, New Delhi from 16-17 Feb 2016

Neha ,Neema ,Jyoti , Princy, Shivani Dr. Taruna Arora*, Dr. Rohit Bhatia* presented a poster titled "Interaction of DNA with various drugs" at the Indian society of Chemists and Biologists (ISCB) 22nd International Conference at Uka Tarsadia University, Surat

Nikita, Vaishali, Amber, Kritika, Sakshi, Nitika Dr. Taruna Arora*, Dr. Rohit Bhatia* presented a poster titled "Green synthesis of tio₂ nanoparticles using *rheum emodi* rhizome extract and its anti-bacterial, antioxidant and DNA extraction study" in the conference titled "Nanosciences: opportuni-

ty and challenges" held at Maitreyi College, University of Delhi on the 19th -20th Feb, 2016 and won the third prize.

Poonam Magu attended a two week course (7-18 December, 2015) on 'Ergonomics' conducted by Indian Institute of Technology, Kharagpur, West Bengal.

Poonam Magu, Dr. Meghna and Ms. Pratima attended the 'Microsoft Technology enriched instruction faculty development workshop' held at PHD chamber of commerce and industry, New Delhi on 30th Sep 2015 and were given recognition as a Microsoft Faculty Fellow.

Poonam Magu attended a workshop on 'Digital literacy and Innovation for Tomorrow's Education' organised by Campus of Open learning, from 17 - 19 Feb. 2015.

Poonam Magu attended a workshop on 'Innovative Teaching Methodologies', organised by Centre for Professional Development in Higher Education, University of Delhi from 15 - 16 January 2015.

Rachna Kapila. A one day 'First Skill Development Workshop' for Science students was conducted on 19th October 2015.

Reema Chaurasia and Kavita Sagar along with the students (B.Sc. FYUP 6th Semester) visited 'India Design-2016 Exhibition' at NSIC Okhala Delhi organized by OGAAN.

Renuka ,Kushal, Akshu,Aarti, Shalini, Dr. Taruna Arora*, Dr. Rohit Bhatia* presented a poster titled "Synthesis of nanoparticles using green methodology and their application" in the conference titled "Nanosciences: opportunity and challenges" held at Maitreyi College, University of Delhi on the 19th -20th Feb, 2016.

Rinki Minakshi got the ASM and Manipal Centre for virus research awarded scholarship and travel grant to participate in their workshop, "PCR techniques and molecular diagnostics", at Manipal University, Karnataka. 14th -18th December, 2015.

Rinki Minakshi attended the Culture of Responsibility Mini-Grant Proposal – India from the American Society for Microbiology, Washington D.C., January, 2015.

Rinki Minakshi was the organizing secretary for the ASM workshop, "the Art of Science Communication", at Institute of Home Economics, Delhi University. 13th April, 2015.

Rinki Minakshi was the organizing secretary for the ASM workshop, "Culture of Responsibility: Commitment to Safer Lab Practices", at Institute of Home Economics, Delhi University. 20th January, 2015.

Ritu Atheya along with students attended a seminar on 'Make in India: S&T Driven Innovation' organized jointly by Indian Institute of Technology, Delhi and Department of Science and Technology at IIT, Delhi.

Renu attended session on launch of "Inclusive and Accessibility Index Programme" by Department of Empowerment of Person with Disability, Ministry of Social Justice and empowerment, held at Plenary Hall, Vigyan Bhawan New Delhi on 30th March 2016

Savita Aggarwal attended a workshop on "Climate Change projections, Impacts, Vulnerability and Adaptation" organized by Ministry of Environment, Forests and Climate Change, GOI under the aegis of India's third national communication to the UNFCCC held on October 28-29, 2015. She also made a presentation on, *Climate- and gender- smart practices: Enhancing the capacity of rural women*

Savita Bansal participated in the statistical workshop organised by the department.

Two students of Sem V were awarded fellowship from the Indian Academy of Sciences to pursue summer training from National Institute of Immunology. Besides few other students also underwent summer training from prestigious institutes like AIIMS, JNU and Pusa institute.

Sharmila Rathee participated in consultative meet on School Education Policy 2015 held on 10th September 2015 at Jawaharlal Nehru University, Delhi.

Shipra Gupta attended the National Consultation on "Increasing commitment and accountability to combat acute undernutrition – A Framework for Action" organized by ACF (Action against Hunger) India, Fight Hunger Foundation, Coalition for Food and Nutrition Security and UNICEF at Eros Hotel, Nehru Place, New Delhi on July 22, 2015.

Shipra Gupta attended the conference on 'Food Additives: Safety and Benefits' organized by International Life Sciences Institute-India (ILSI-India) at Claridges Hotel, New Delhi on April 24, 2015.

Shipra Gupta co-organized two workshop on "Design and Analysis of Clinical Trials and Epidemiology" and "Introduction to STATA for Medical Statistics" at Institute of Home Economics from November 30 – December 4, 2015 in collaboration with London School of Hygiene and Tropical Medicine under UK-India Education and Research Initiative (UKIERI) project.

Shireen S, Vaishnavi Mukkawar, Tanishka Yadav, Harshdeep Kaur, Sonu Singhal, Dr. Taruna Arora*, Dr. Rohit Bhatia* presented a poster titled "Studying the inhibitory effects of *Terminalia chebula*, titanium dioxide and lauha bhasma on lab. *E.coli*" in the National symposium on manmade diseases: an urban menace held at Maitreyi College, University of Delhi on the 11th -12th Jan, 2016.

Students of M.Sc Final (Food and nutrition) attended the CME on Clinical Nutrition Update organized by Max Hospital, Saket on the 8th of September 2015. The students were exposed to current concepts in the management of Diabetes, Cardiac Diseases, Kidney disorders and Bariatric Surgery.

Tanishka yadav, Harshdeep Kaur, Sonu Singhal, Vaishnavi Mukkawar, Shireen S, Taruna Arora*,Rohit Bhatia* presented a poster titled "Antibacterial effects of titanium dioxide nanoparticles and lauhabhasma" in the conference titled "ETFC-Emerging Trends & Future Challenges in Chemical sciences" held at Kirorimal College, University of Delhi on the 4th -5th Feb, 2016.

Tanya Jain, Tanyya Khanna ,Anupa T Anil ,Muskan Nagi, Simran Nagi, Komal Sharma.. Dr. Taruna Arora*, Dr. Rohit Bhatia* presented a poster titled "CRISPR-CAS9 in genome editing" in the National symposium on manmade diseases : an urban menace held at Maitreyi College, University of Delhi on the 11th -12th Jan, 2016.

Tanyya Khanna Anupa T Anil , Tanya Jain, Muskan Nagi, Simran Nagi, Komal sharma. Taruna Arora*, Dr. Rohit Bhatia* presented a poster titled "Isolation of Acid Phosphatase from <u>vadia radiate</u> and their entrapment in hydrogel" in the conference titled "ETFC-Emerging Trends & Future Challenges in Chemical sciences" held at Kirorimal College, University of Delhi on the 4th -5th Feb, 2016

Taruna Arora presented a poster "Development of a sensitive Immunoassay (ELISA) for Pregnant Mare Serum Gonadotropin (PMSG)" at the South Asian Biotechnology conference, 2015 in South Asian University, New Delhi, February 12-14, 2015.

Taruna Arora chaired a technical session in International Conference on Public health: issues, challenges, opportunities, prevention, awareness being organized by Daulat Ram College, University of Delhi, Delhi and Krishi Sanskriti, New Delhi on 16th January, 2016.

Vaishnavi Mukkawar, Shireen s, Tanishka Yadav, Sonu Singhal, Harshdeep Kaur, Rohit Bhatia*, Taruna Arora* presented a poster titled "Antibacterial effects of titanium dioxide nanoparticles, lauhabhasm and haradh" in the conference titled "National Symposium on Lifestyle Disorders (NSLD): Understanding the molecular mechanisms" held at Shivaji College, University of Delhi on 28^{th} - 29^{th} Jan, 2016

Forthcoming

Charu Gupta "Mathematical Experiences of Working Class Minority Students: The Story of Shahid and Abid" (Communicated in April 2015; accepted for publication in an edited volume by Department of Elementary Education, Jesus & Mary College, New Delhi)

Dalal, J. (Forthcoming). Pierre Bourdieu: The Sociologist of Education. *Contemporary Education Dialogue*. ISSN 0973-1849

Sehgal, S. (Forthcoming) Identity development and familial relations: Particularly with respect to adolescence in India. *Anthology on Childhood, Adolescence and Diversity*.

Books/ Publications:

Department of Communication and Extension ."Urban Poor Women and Climate Change in India: Enhancing Adaptive Capacity Through Communication for Development". Springer International Publishing Switzerland 2015, W. Leal Filho (ed.), *Climate Change in the Asia-Pacific Region, Climate Change Management*.

Department of Communication and Extension. Revised "Crack the Entrance" in February 2016 for students aspiring to join Post-Graduate Programs in Extension/Communication/Mass Communication and related areas.

Geeta Chopra. "Child rights in India challenges and social action" Published by Springer India, 2015.

Chapters in Book

Chitra Arora and Chanchal compiled a Textile Manual for CBCS Programme (Fabric and Apparel science)

Deepika Anand, Seema Puri. HIV AIDS in India: A Nutritional Panorama. In Health of HIV Infected Persons not on ART. Ed R Watson. Elsevier Publishers, UK, 2015.

Meenakshi Vachher. Role of plant biotechnology in environment for ILLL (ISSN 2349-154X)

Meenakshi Vachher. Role of plant biotechnology in industry by for ILLL (ISSN 2349-154X)

Richa Sharma. Viral multiplication and Replication Strategies- I; Virtual learning environment; Institute of Life Long Learning, 2015.

Richa Sharma. Viral multiplication and Replication Strategies- II; Virtual learning environment; Institute of Life Long Learning, 2015.

Seema Puri, K Sriram. Nutrition for the Elderly. In Basics of Clinical Nutrition. Ed YK Joshi 2015 (in press).

Seema Puri. Nutrition Support. In Principles and Practice of Geriatric Medicine. Ed OP Sharma, Viva Books Pvt Ltd, India (2015).

Taruna Arora. Amino acids by for ILLL (ISSN 2349-154X)

Vibhor Gupta, Mohd Askandar Iqbal, Bhupender Kumar, and Rameshwar N.K. Bamezai. Tumor cell metabolism- Pathways, Regulation and Biology. Chapter 6 Pyruvate Kinase M2: A Metabolic Tuner. http://www.springer.com/biomed/cancer/book.

Ph.D completed/awarded/ registered:

Over the years, more than 50 students have been awarded Ph.D. degrees. This year, Meena Batham, Fabric and Apparel Sciences Department, Jyoti Dalal, Ruchira Das and Mamta Singhal, faculty members of the B El Ed department; Jagriti Kher and Sakshi Saini from the Communication and Extension Department and Vidhu Yadav from the Food and Nutrition department obtained their PhD degrees.

Ritu Atheya was awarded PhD (May, 2015) in Home Science under supervision of Dr Renu Arora, Title of the study was "Work-life Balance: An exploratory study in the Banking sector".

Pratima Singh registered for PhD (April, 2015) in Home Science under the supervision of Dr Renu Arora, Title of her study is "Classroom Indoor Environment Quality: Its impact on student's health exposure and concentration performance in selected schools of Delhi".