



**THE
DEPARTMENTS**



DEPARTMENT OF EDUCATION

The one-year Bachelor of Education Programme initiated in the year 1952 and the B.Ed. (Special Education) in 2007, as a part of the Faculty of Education of the University of Delhi. The B.Ed. Special Education programme is recognized by the Rehabilitation Council of India (RCI) and B.Ed. by NCTE, to strengthen the Home Science graduates and post graduates professionally.

The focus includes various facets: training in teaching skills, mastery of classroom management techniques, competence to handle children with special needs, ability to establish warm interpersonal relationship within the class, development of communication skills, reflective thinking skill, training in various Home Science and Science related work experience, sensitization to community needs, skill in construction and appraisal of various evaluation devices, and development of teaching learning materials. The close interaction between students and teachers and the participatory nature of the programme enables the students to gain confidence and self-reliance, encouraging students to manage their own affairs in a democratic ethos. The B.Ed. programme from 2015 is of two years.

The B.Ed. programme is now for two years duration, since 2015. The programme helps to strengthen the Home Science graduates and post graduates professionally. A popular option for six decades, the programme maintains the spirit of preparing competent teachers.

The students/interns of the course find an easy placement in various schools and other allied institutions. They may be

- Recruited as PGT Home Science, TGT Science and Home Science, activity teachers, special educators and primary teachers in various private and state-run schools
- Teach vocational subjects such as meal planning and fashion studies etc.
- Work as counsellors in schools.



- Placed in institutions like Women’s polytechnics, Nursery Teacher Training Institutions, DIETs, SCERT, NCERT, NUEPA and various NGO training and research organizations.
- Recruited as resource room teachers in schools and as special educators in institutions and schools.

Research Activities

- Students of B.Ed. first year and second year were involved in action-oriented research work throughout the academic session 2019-2020 with their tutorial group supervisors and School Experience Programme -II supervisors respectively. And also submitted their final report to their respective tutorial and school experience programme -II supervisors

Seminars/ Workshops/ Conferences/ Training/ Special Lectures

- 13 days self-defense training course for “Safety of Women and Children” was organized by the Delhi Police in collaboration with the Department of Education, Lady Irwin College from 23rd July 2019 to 9th August 2019.
- Two special lectures were organized on 6th September, 2019 on “National Education Policy, 2019” by Prof. Namita Ranganathan, Department of Education, University of Delhi & “Importance of self-defense for girls” by ACP Sashibala Kaushik
- Special Lecture on “Constitutional Provisions for Education in India” by Dr. Rama Murti Sharma, Assistant Professor, Department of Education, University of Delhi conducted on 11th September 2019
- Workshop on “Indian Sign Language” in collaboration with Indian Sign Language Research and Training Centre (ISLRTC) was organized on 25th September 2019 and 27th September 2019 to celebrate the International week of the Deaf.
- Two days National Conference on Learning (NCL, 2019) Theme: “Teachers: Effecting Change for a Sustainable Future” was organized on 6th & 7th Dec 2019.



Internships

- Students of B.Ed. as a part of their School Experience Programme (SEP) were placed in sixteen Government, Government Aided and Private Schools for a total of 20 weeks, i.e., two weeks in the first year and for 18 weeks in the second year as an essential part of their curriculum.
- Summer Internship was organized for B.Ed. First year students in NGO’s as a part of the community outreach programme. The students have been involved with various NGO’s viz. working in the area of health, education, social issues, education varying from Early Childhood Education, Adolescence

Education, Education of Women and Children living in slums, education of children of craftsmen and several other areas.

- B.Ed. special education students also as a part of their School Experience Programme (SEP) were placed in 12 Special and Inclusive Schools for a total of 120 days as an essential part of their curriculum.

Activities of the Department

- Orientation Programme for the first-year students was organized by the Department of Education on 26th August 2019
- As a part of School Experience Programme I (SEP I), first year students visited Gandhi Smriti on 29th August, 2019. The aim was to orient students about the ideology, his life and contribution of Mahatma Gandhi towards the country.
- Teachers' day celebration & Investiture Ceremony held on 6th September, 2019. The event was organized by the faculty & students of Department of Education. The chief guest for the occasion was Prof. Namita Ranganathan, Department of Education, University of Delhi & ACP Sashibala Kaushik.
- Visit to National Handicrafts and Handlooms Museum on 12th September 2019 & 19th September 2019. Students were oriented about the different galleries in the museum and workshop was conducted by the artisans where students learnt about different paintings including madhubani painting, miniature painting, warli art painting and gond painting.
- Visit to National Gallery of Modern Art (NGMA) was organized for B.Ed. First Year students on 26th September 2019.
- A Workshop on Entrepreneurship & Skill Development for B.Ed. First Year was organized by the faculty from October 2019 - March, 2020. Students enthusiastically participated in different innovative activities and also developed their teaching learning resource kits.
- Visit to Lalit Kala Academy organized on 3rd October 2019 for B.Ed. first year students as a part of School Experience Programme I (SEP I).
- Mother Dairy visit was organized on 17th October, 2019; as a part of School Experience Programme I (SEP I) students were taken to mother dairy plant where their day started with one- hour documentary based on the functioning of mother dairy. After that they visited the plant and their day ended with the refreshment provided by the mother dairy which comprised flavoured milk and ice cream. Students participated with great enthusiasm.



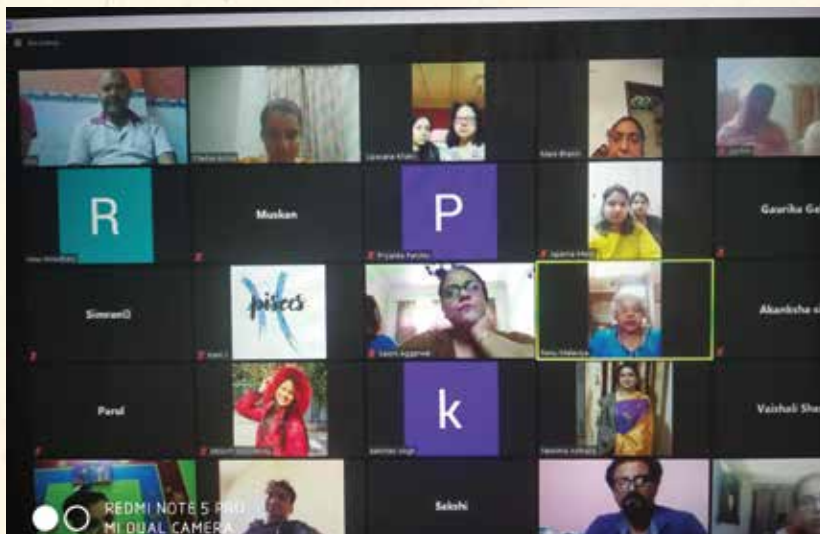
- A visit to NCERT was organized for first year students to orient about the CIET Library on 31st October 2019. They attended a session on “Educational Kits” where they learnt about making Science kits and using it for teaching Science.
- A visit to National War Memorial was organized for the first-year students as a part of School Experience Programme I (SEP I) on 7th November 2019.
- Co -Curricular Activities (CCA) like Indoor & Outdoor Sports, Flower Arrangement, Floor Decoration etc. was organized for B.Ed. students from January to February, 2020.
- Value addition workshops were conducted on Portfolio Development, CV Development, Soft Skills, Personality Development, Etiquettes etc. in the month of January & February 2020 for B.Ed. second year students.
- The students celebrated Lohri, Makar Sakaranti and Pongal in the Department of Education, Lady Irwin College on 13th January 2020.
- The Department of Education, Lady Irwin College actively participated in 62nd Annual Flower show organized by University of Delhi. The Annual show was held on February 29th 2020 (Saturday) at the lawns of the Mughal Garden.
- An online PTM was organized for the parents of B.Ed. First Years and Second Years on 28th April and 30th April,2020 respectively by the senior faculty of the department.
- B.Ed. First year students organized an online farewell for the B.Ed. Second year students on 12th June 2020.



Webinars

- An online webinar on the topic “Curriculum Adaptation for Children with Special Needs in an Inclusive set up” on 8th May 2020. Presenter - Mr. Dhananjay Deshmukh (Assistant Professor, Indian Institute of Teacher Education, Gujarat)
- An online webinar on the topic “ABA and integrated support in classroom” on 11th May 2020. Presenter - Ms. Priyanka Sethi (Clinical Program Consultant, Autism Centre for Excellence, ACE)
- An online webinar on the topic “The new normal in times of COVID: How teachers can make a difference” on 13th May 2020. Presenter - Prof. Namita Ranganathan (Former Dean and Head, Faculty of Education, CIE, University of Delhi)
- A special lecture on the topic “Schooling and Teacher Responsibility in the context of Ideology, Authority and Freedom” on 15th May 2020. Presenter - Dr. Girish Bala Chaudhary (Esteemed Former Faculty, Department of Education, Lady Irwin College)

- Conducted an online webinar on the topic “Understanding challenging behaviours and learning practical approaches for integrated classrooms” on 15th May 2020. Presenter - Ms. Priyanka Sethi (Clinical Program Consultant, Autism Centre for Excellence, ACE)



- Organized an online webinar on the topic “Pedagogy of Teaching children with hearing impaired in an inclusive set-up” on 15th May 2020. Presenter - Dr. Abhishek Srivastava (Assistant Professor, Indian Sign Language Research and Training Centre, ISLRTC)

- An interactive discussion on the topic “Art and Life” on 18th May 2020. Presenter - Mr. Ashwini Kumar Prithviwasi
- A special lecture was organized on the topic “Reflections on a Dialogical Classroom.” on 21st May 2020. Presenter - Dr. Vikas Baniwal (Assistant Professor, Department of Education, CIE)
- An online webinar on the topic “Reprogramming Mind” on 23rd May 2020. Presented by Mr. Vishal A. Ganar (Head of the Department of Psychology, NeuroGen, Brain and Spine, Navi Mumbai)
- An online webinar on the topic “Curricular adaptation for children with Special Needs in inclusive classrooms.” on 26th May 2020. Presenter - Prof. Anita Julka (DEDSN, NCERT, New Delhi)
- Conducted an online webinar cum discussion on the topic “Future of Education Systems: Emerging Resilience and Good Practices.” on 27th May 2020. Presenter - Mrs. Anita Makkar (Principal, The HDFC School, Gurgaon)
- Organized an online webinar on the topic “Pedagogy of Science for an Inclusive Classroom.” on 27th May 2020. Presenter - Dr. Subhash Chander (Assistant Professor, Faculty of Education, University of Delhi)
- Organized an online webinar on the topic “Teacher Engagement in the New Normal.” on 28th May 2020. Presenter - Dr. Ameeta Mulla Wattal (Principal, Springdales School, Pusa Road)
- Conducted an online webinar on the topic “Equity, Diversity and Inclusion: Eligibility of children of inclusive school.” on 28th May 2020. Presenter - Dr. Geet Oberoi (Founder Orkids Foundation, New Delhi)
- An online workshop on the topic “Development of Question Paper” on 28th May 2020. Presenter - Ms. Roopinder Kaur (Headmistress, Olive International School, DOHA, QATAR)
- An online webinar on the topic “Strategies to overcome the challenges faced by CwSN during the Pandemic.” on 29th May 2020 was presented by Prof. Sujata Bhan (Head, Department of Special Education, SNTD, Women’s University, Mumbai)

- Organized an online webinar on the topic “COVID-19 Pandemic as a Socio-Scientific Issue: Role of a Science Teacher.” on 29th May 2020. Presenter - Dr. Kalyani A. (Head, Department of Elementary Education, Lady Shri Ram College for Women, University of Delhi)
- Organized an online webinar on the topic “Fostering creativity among school children.” on 30th May 2020. Presenter - Prof. Rekha Sharma Sen (Head of School of Continuing Education, SOCE IGNOU)
- Conducted an online workshop on the topic “Handling Classroom Conflicts using Non-Violent Communication on 1st June 2020. Presenter - Introductory Speaker: Mr. Dipanker Shri Gyan (Director, Gandhi Smriti and Darshan Smriti, New Delhi), Resource Expert: Dr. Vedabhyas Kundu (Programme Officer, Gandhi Smriti and Darshan Smriti, New Delhi)

FOOD AND NUTRITION

The Department of Food and Nutrition endeavours to achieve excellence in teaching and research for outreach to community, industry and institutions to ensure promotive health for all.

The Department of Food and Nutrition is the first Postgraduate Department of Lady Irwin College. Presently the Department of Food and Nutrition offers one year Post Graduate Diploma in Dietetics and Public Health Nutrition (PGDDPHN), Two-year M.Sc. degree in Food & Nutrition and Doctoral Programme in Food and Nutrition under the Department of Home Science, University of Delhi. Furthermore, Master’s degree programme is offered in three areas of specialization namely, Clinical Nutrition, Public Health Nutrition and Food Science and Processing. B. Tech. (Food Technology) was started in Lady Irwin College in 2013 and got AICTE approval. A batch of 133 students successfully completed the course under the umbrella of Department of Food and Nutrition. B.Sc. (Hons) Food Technology course was started in July, 2017.



Research Activities

The Department of Food and Nutrition is actively engaged in research in diverse areas of Clinical Nutrition, Public Nutrition and Food Science.

Department projects

- An **infrastructure development** project, “Creation of Infrastructure facilities for Food Technology degree course” funded by Office of Commissioner of Industries, Delhi Govt for one Crore from 2019 to 2021. The project involved purchase of different analytical equipment for different laboratories of the Department.
- A **research project**, “Strengthening Life Science and Biotechnology Education Training at undergraduate level” funded by Department of Biotechnology, Ministry of Science and Technology for Twenty five lakhs for three years for Food Technology (2020 to 2023).

Seminars/ Conferences/ Workshops/ Training

A workshop on “**Thrust Areas in Research**” was organized on 7th August, 2019 to help the Post graduate students to identify the topics for MSc. Dissertation with experts in fields of Public Health Nutrition, Clinical Nutrition and Food Science. The experts were Dr. Arti Bhanot, Dr. Vani Sethi and Dr. Mansi Chopra.

A **seminar on Celiac Disease** was organized in collaboration with Celiac Support Organization on 4th September, 2019 to give a basic introduction to Celiac disease, its investigation and management to the faculty and the students. The panelists for the session were Prof S.K. Mittal, Dr Sushma Narayan and Dr Raghvendra Singh.



An **Orientation Program** for MSc Previous and PGDDPHN students was organized on 23rd September, 2019 with the focus on “**Career Opportunities in Food and Nutrition**” along with Annual General Meeting of the LICAA, Lady Irwin College Alumnae Association. In the event distinguished alumni of the Department graced the occasion with their presence and interacted with the students regarding various career paths in the field of nutrition.

National Nutrition Week was organized by the Department of Food and Nutrition on 6th September, 2019. The theme of the event was “**Feeding Smart from the Start**” and students participated from various colleges of University of Delhi. Talks were given by Ms. Iksha Chhabra, nutritionist and entrepreneur on “Internship Opportunities and placements in Industry & Social Business Venture” and Ms. Avni Kaul. Inter-college competitions were held for various activities like recipe demonstration, slogan writing and food photography. The theme of the recipe competition was “Complementary

feeding”. Participants came up with new and nutritious recipes. The theme for slogan writing and food photography competitions was “Nutritional choices in regional diets for complementary food”. The event was sponsored by Earthspired- A Mrida Group Initiative. Ms Iksha Chhabra, Business Head (Earthspired).

A **Career Orientation and Personality Development Workshop** was organized for sensitizing the undergraduate students about future career prospects on 25th September, 2019. The speaker for the session was Mr. Saurabh K Pandey, CEO of Imperial School of Agri Business (ISAB) and Skill Advisory. The second- and third-year students of BSc Food Technology participated actively in the workshop that emphasized on the aspects of the ‘Personality Development’, which is a vital criterion for career development. He explained various types of personalities such as realistic, investigative, artistic, social, enterprise and conventional in an efficient way using examples of various eminent personalities.

A **special lecture** on women’s health and nutrition was organized for students and faculty on 13th September, 2019. The invited speakers were Dr Rahul Manchanda, Pushpawati Singhania Research Institute (PSRI) and Dr Sebanti Ghosh, Alive and Thrive. After the welcome address by Dr Manisha Sabharwal, Dr Rahul Manchanda talked about women’s health and ways to tackle common problems. Dr Sebanti Ghosh talked on initiatives undertaken to improve maternal health and nutrition. The students had an interactive session with the experts.

The **Technical Review Board** meeting was held on 15th October, 2019 with experts Dr Sushma Sharma, Dr Nagin Chand and Dr Piyush Jain. The comments and suggestions given by expert members helped the students to refine their research proposals prior to submission for ethical review and approval by the Institutional Ethics Committee.

A **Nutrition Awareness Activity** was conducted with a seminar on “Food Systems & Dietary Diversity-Facing the Challenges of 21st Century” on 28th February, 2020. It included sessions on “Nutritional Aspects of Blending in Edible oil”, by Ms. Nidhi Agarwal, Marico, “Dairy: Evolution to Personalised Nutrition”, by Ms. Mani Misra, Mother dairy, “Food Fortification: Enriching Foods, Enriching Lives”, by Ms. Deepti Gulati, GAIN, “Food Psychology & Consumer Preferences” by Ms. Swechha Soni, PFNDAI, Protein Foods & Nutrition Development Association of India. Marico, Mother dairy, Nutrela, hexagon Nutrition, and Kellogg’s sponsored the entire event. A total of 183 participants registered in the event, out of which 77 students were from B.Sc. Food technology and 37 from B.Sc. Home Science respectively, from Lady Irwin College and 69 students were from other colleges like Lady Shri Ram College of Women, Vivekanand College, SPM College, Bhaskaracharya College of Applied Science and Lakshmi Bai College. There were 24 teams for recipe competition and 15 teams for poster competitions.

An **International seminar** on “**Scope of Public Health Nutrition: A Global Perspective**” was organized by the



Department of Food and Nutrition and NCEARD on 3rd January, 2020. The speakers were Kay Stearns Bruening, Nutrition Programs Syracuse, Syracuse University, New York, USA who spoke on “Implementing nutrition-focused physical examination in the dietetics curriculum”, Ms Prachi Shukla, Assistant Professor, Department of Food and Nutrition, Lady Irwin College. who presented on “Dietary Management post Bariatric Surgery”, Dr Suparna Ghosh-Jerath, Professor, Indian Institute of Public Health-Delhi Head, Community Nutrition, Public Health Foundation of India, Intermediate Fellow who spoke on “Current Concerns in Public Health Nutrition in India and PHN initiatives at Public Health Foundation of India” and Dr. Mansi Chopra, Consultant, NCEARD who spoke on “Maternal Nutrition Initiatives of NCEARD”.

A special lecture on “Role of Yoga and Traditional Practices in Disease management” by Dr. Mantu Saha, Senior Scientist, Defence Institute of Physiology and Allied Sciences, Delhi was organised on 16th October, 2019 for PGDDPHN students.

A Canteen project was conducted by PGDDPHN students on 3rd and 10th February, 2020. This project was undertaken to provide a hands-on experience of handling a small food service unit involving quantity food production and budgeting. The students planned, standardized recipes, and conducted market survey to obtain good quality raw material at best prices.

Career Prospects in Food Technology: Role of budding Food technologists was organized on 9th September, 2019. The speaker was Dr. TSR Murali, Founder Urja Consultants, Gurgoan.

Resume writing workshop was being organized for FT students on 9th September, 2019. The workshop was conducted by Ms. Prabhjot Kaur Sabharwal, Ph.D. Scholar IIT Delhi, she covered different aspects of the resume and also how to write professional resume etc.

Training session on scientific concepts of sensory tasting of foods and beverages was being organized on 21 October, 2019 by the Tagtaste Company along with the Chief, Chef Association for B.Sc. H Food Technology students. Session was very well received.

A workshop on Capacity Building & Sensitization on Anemia Mukht Bharat- T3 Camps & Financial Efficacy was held at Lady Irwin College on 14th January, 2020. It was co-organized by NCEARD and Nutrition Society of India, Delhi Chapter.

A workshop on Draft Notification on -Safe Food and Healthy Diets for School Children Regulations 2019 of FSSAI was organized at Lady Irwin College on 29th November, 2019. It was co-organized by NetProFaN Delhi Chapter, Nutrition Society of India, Delhi Chapter and Department of Food and Nutrition, Lady Irwin College.

The Department of Food and Nutrition and Food Technology organized **World Food Day** on 16th Oct 2019. Students from various colleges of Delhi NCR participated in various events such as Sensory evaluation competitions, Quiz competition.

A Food Court was set up by B.Sc. (Hons) Food Technology students at North East Expo and AIWEFA conference on 30th October, and 1st November, 2019.

Internships

M.Sc. (Previous) students underwent one month training at Lady Hardinge Medical College and Associated Kalawati Saran Children’s Hospital, PHFI, DIPAS, AIIMS, NFI and Perfetti van melle, Hector beverages and Bud White Tea Co. during the month of June, 2019 for internship as a part of their curriculum.

Internship of PGDDPHN students was organized in various hospitals including all branches of Max Super Speciality Hospital (Max Smart Saket, Gurgaon, Patparganj, Shalimar Bagh), Fortis Hospital (Shalimar Bagh), Fortis Escorts Okhla, Sri Balaji Action Medical Institute, Dr. Ram Manohar Lohia Hospital, Max Patparganj, Indraprastha Apollo Hospital, G.B. Pant Hospital, St. Stephens Hospital and Sir Ganga Ram Hospital.

Students of B.Sc. (H) Food Technology underwent one month training at DMS, Mother Dairy, Britannia, Varun Beverages, DSM, Coca Cola and other food industries.

Field Trips/Extension Activities

A **visit** was organized to Stree Shakti Mid- Day Meal Kitchen Alipur, Delhi for M.Sc. Group A and B students on 26th September 2019. The students conducted extension activities on importance of breast feeding, anemia prevention, recipe demonstration for complementary feeding, reinforcement of food safety and hygiene among MDM workers.

An **awareness session** on diet and hygiene with the CHASE- cleaning staff of the college was conducted by the students of BSc IInd yr (Pass) on 19th September, 2019. The topics covered were healthy eating practices, rich sources of nutrients, iron and calcium rich recipes and personal hygiene.

A **visit** was organized to the Primary School- Chilla Village, Mayur Vihar Extension on 13th September, 2019 for students of PGDDPHN. The students participated in awareness creation on hygiene, sanitation and healthy eating practices. Approximately 300 school students from Class III-V took part in the various activities.

A **visit** was organised to FSSAI for B.Sc. H Food Technology third year students on 12th Feb 2020.

Selected student volunteers participated during the second Eat Right Mela and National Street Food Festival organized by NASVI and FSSAI between 26th-29th December, 2019.

A **visit** of M.Sc. final year students to Cardio-Thoracic Sciences Centre at All India Institute of Medical Sciences (AIIMS), Delhi on 20th August, 2019 was organized to give exposure to hospital setup, patients and to get an insight into functioning of departments like CNC and Oncology.

The National **conference** on micronutrients “Micronutrition 2019” on 8th September, 2019 was attended by M.Sc. Students. It was organized by Pediatric & Adolescent Nutrition Society in collaboration with Nutrition International and Alive & Thrive at Gulmohar Hall, India Habitat Centre, Lodhi Road, New Delhi emphasizing the importance of micronutrients in growth, metabolism and management of stress through their antioxidant potential.

A **quiz** on Nutrition and Food Safety was conducted for participants during the culmination function of Swasth Bharat Yatra organized by FSSAI on 29th January 2019. The students of BSc Honours Food Technology performed a street play on ‘Eating Right’

A team comprising of trainers, auditors and FSSAI personnel visited and **inspected** different Fruit and Vegetable Mandis of Delhi for various aspects of Food safety and hygiene.



Training of vendors of Fruit and Vegetable Mandi of INA market was done by trainers of the department.

Other Important Events

Kamla Puri Sabharwal Annual Memorial Lecture was held on 22nd October, 2019 on the topic “**The Burden of Child and Maternal malnutrition - The NNM Targets**”, by Dr. Hemalatha R, Director, ICMR-National Institute of Nutrition, Department of Health Research, Ministry of Health and Family Welfare, Hyderabad.

A team of officials of DSIIDC, Delhi Govt inspected the different laboratories of the department on 5th March, 2020 for further release of the 2nd phase of grants.

Department’s outreach (besides curricular activities)

The students and faculty of the Department of Food and Nutrition actively carried out nutrition promotion activities in schools and communities, marching and singing nutrition messages and displaying audio visual communication aids during the month of **Rashtriya Poshan Maah** amplifying the sentiment of *Jan Aandolan* of *Poshan Abhiyaan* during the month of September, 2019.



The Department of Food and Nutrition and NCEARD initiated episodes of **Aarogya Bharat: Mission Poshan, on Maternal Nutrition** on Doordarshan 1, National Television, with Dr. Anupa Siddhu, as panelist on September 9, 2019.

Training of Volunteer Dietitians/Nutritionists/Students/Interns under Volunteer 4 Indian Women (V4IW) Campaign on June 1-15 ,2019.

NCEARD in collaboration with MoHFW, NCEAR-A, AIIMS, New Delhi, UNICEF, Alive & Thrive, Institute of Economic Growth (IEG) and NSS-AIIMS organized a fifteen-day Campaign titled ‘Volunteer 4 Indian Women (V4IW) Campaign’ under POSHAN Abhiyaan from June 1-15, 2019.

One-day training on “Strengthening maternal nutrition services in antenatal care” was conducted to implement ‘Visiting dietitian model on *Pradhan Mantri Surakshit Matritva Abhiyan* (PMSMA) Day at Lady Irwin college on January 8, 2020. The dietitians were trained to visit healthcare facilities on the PMSMA Day on January 9, 2020.

The Fifth One-day training on “Strengthening maternal nutrition services in antenatal care” to implement ‘Visiting dietitian model on *Pradhan Mantri Surakshit Matritva Abhiyan* (PMSMA) Day was hosted at Lady Irwin college on February 10, 2020. The dietitians were trained to visit healthcare facilities on the PMSMA Day on February 11, 2020.

One-day Orientation of ANMs/PHNs and MOs on MNP at Vikas Bhawan, Delhi on “Strengthening maternal nutrition services in ANC” on December 4, 2019. NCEARD representatives trained 55 Auxiliary Nurse Midwives (ANMs)/ Public Health Nurses (PHNs) and MOs (Medical Officers) across the districts of Delhi in collaboration with DFW, Government of Delhi and UNICEF, including one nodal officer and four nominees from each district of Delhi. Opening remarks were given by Dr. Nutan Mundeja, Director, DFW. Dr Manisha Sabharwal, Lead, NCEARD and Incharge ,

On January 7, 2020. The training was conducted by NCEARD in collaboration with Directorate of Health and Family Welfare, Delhi. The training was attended by participants from 11 districts of Delhi. Training and a mock counselling session were conducted during the training with active participation of MOs/ANMs/PHNs using at-risk cards, by gestational month cards and recipe books to cater individual and group counselling on PMSMA day on January 9, 2020 at select ANC OPDs.

District-level training on “Implementation of Maternal Nutrition Package - 5-point algorithm” On January 23, 2020, District level training on “Implementation of Maternal Nutrition Package – 5 point algorithm at East Delhi District. The training was organized by Government of Delhi. A total of 104 frontline health workers participated in the training. The trainees were trained by Master trainers trained by NCEARD, Lady Irwin College. On January 29, 2020, District level training on “implementation of Maternal Nutrition Package – 5-point algorithm at South-East Delhi District. The training was organized by Government of Delhi. A total of 60 frontline health workers participated in the training.

District-level training on “Implementation of Maternal Nutrition Package - 5-point algorithm” at South-West Delhi on March 4, 2020. The training was organized by Government of Delhi. A total of 175 frontline health workers participated in the training.

District-level training on “Implementation of Maternal Nutrition Package - 5-point algorithm” at North East Delhi on March 11, 2020. The training was organized by Government of Delhi. MOs/ANMs/PHNs participated in the training.

One day workshop on “Strengthening maternal nutrition services in antenatal care” at The Trained Nurses’ Association of India on March 2, 2020 -As part of Women’s Day Celebration, NCEARD, Lady Irwin College in collaboration with TNAI (The Trained Nurses’ Association of India) organized a one-day workshop on “Strengthening maternal nutrition services in antenatal care”. Nurses from the Trained Nurses’ Association of India attended the training.

Study circle meeting on Adolescents, Diets and Nutrition at Lady Irwin College on November 22, 2019 A study circle on the findings from the CNNS Thematic report on Adolescents, Diets and Nutrition was organized by NCEARD at Lady Irwin College. Dignitaries from MoHFW, Johns Hopkins Program for International Education in Gynecology and Obstetrics (JHPIEGO), IEG, UNICEF, and faculty from Food & Nutrition, Communication & Extension, Lady Irwin College attended the event. The meeting was chaired by Dr. Sushma Dureja, Additional Commissioner, Adolescent Health, MoHFW and Dr. Bulbul Sood, Country Director, JHPIEGO.

A round table discussion on “Addressing Nutritional Challenges among Children and Adolescents: Opportunities and Priorities” at Public Health Foundation of India (PHFI) on December 5, 2019 NCEARD representatives gave a presentation on the topic “Digital Interventions to promote Healthy Diet”.

Consultation on “Addressing Maternal Nutrition and promoting optimal Breastfeeding Practices: a new normal in maternal health care practice in New Delhi on January 16, 2020. The event was organized by Federation of Obstetric and Gynaecological Societies of India, FOGSI and Alive and Thrive. NCEARD, Lady Irwin College was a part of the panel discussion on “**Unlocking Power of Maternal Nutrition through partnerships**”. Dr Manisha Sabharwal, Lead, NCEARD spoke on, “Role of Public Health Institutes and Nutritionists /Dietitians.”.

2nd National Level Training of Master Trainers for Anemia Mukh Bharat (AMB), NCEAR-A, AIIMS on December 6, 2019 NCEARD representatives presented a session on ‘Talk’ component under Test, Treat and Talk (T3) including demonstration of counselling toolkit (nutrient cards, anemia thali models and anemia pamphlet) used during counselling at Test, Treat and Talk (T3) camps. Another session on financial guidelines under AMB was also delivered by NCEARD representative.

3rd Capacity Building and Sensitization Workshop on Anemia Mukh Bharat: T3 camps and Financial Efficacy” at Lady Irwin college on January 14, 2020 was held to strengthen support for Anemia Mukh Bharat in achieving programme targets. Nutritionists/Dietitians from various Institutes/organisations and students & faculty of Nutrition Society of India (Delhi Chapter) actively participated and made the most of the opportunity.

Third module of nutrition epidemiology course on ‘Nutritional Assessment Methods’ conducted at Lady Irwin College from August 26-29, 2019 NCEARD. This module aimed at broadening knowledge in techniques of nutritional assessment to make more informed decision in selecting the appropriate tool in the field of research and enabling interpretation of nutrition and dietary data, taking into account the strengths and limitations of different assessment techniques.

Lecture series at Lady Irwin college (August-September 2019)

NCEARD conducted lecture series for M.Sc. students, Ph.D. scholars and faculty at Department of Food and Nutrition, Lady Irwin College. A one-hour lecture session with active participation from M.Sc. students along with PhD scholars and faculty was provided. Lectures were conducted on Introduction to review of literature, systematic reviews, referencing style, referencing using Zotero software, Data Analysis using SPSS software-1, Data Analysis using SPSS software-2, Use of KoBo Collect for tool development, data collection and extraction of data.

One-day lecture on “Women’s health and nutrition” Lady Irwin College on September 13, 2019 NCEARD organized one-day lecture on “Women’s health and nutrition” for students and faculty of Lady Irwin College. The lecture addressed the women’s health and how to tackle common problems in women by Dr. Rahul Manchanda, PSRI.

Telecast of ‘Arogya Bharat - Mission POSHAN’ on Adolescent Health and Nutrition on DD1 on December 2, 2019 NCEARD in collaboration with DD 1, UNICEF, FSSAI and MoHFW aired 2nd episode of ‘Arogya Bharat - Mission POSHAN’ on Adolescent Health and Nutrition on DD 1.

Radio programme on “Adolescent Health and Nutrition” on AIR FM Radio on December 11, 2019. The first radio phone-in programme of NCEARD on “Adolescent Health and Nutrition” was aired on AIR FM Radio.

Telecast of ‘Arogya Bharat - Mission POSHAN’ on Maternal Obesity and associated conditions, diet and lifestyle management on DD1 on January 6, 2020. The show focused on creating awareness on healthy eating and lifestyle among obese pregnant women. The show comprised, Introductory video of facts and figures of maternal obesity, Expert panel talk on diet, nutrition and healthy lifestyle for obese pregnant women by Dr. Nandini Paleshtkar, President FOGSI, Dr. Rahul Manchanda, and Dr. Manisha Sabharwal, Lead, NCEARD, Lady Irwin College. Snack replacement and meal replacement recipe demonstration titled –“ *Poshan ki Rasoi* ” were telecast from Saroja Nutrition Studio , Department of Food and Nutrition ,Lady Irwin College.

Telecast of ‘Arogya Bharat - Mission POSHAN’ on Maternal Anemia on DD1 on February 10, 2020 Dr Anjani Bakshi, Assistant Professor, Department of Food and Nutrition, participated as a Panelist in the discussion.

Webinars

- Career prospects and scope of the three specializations of Food and Nutrition on 12th May 2020 conducted through Zoom. Speakers were Dr. Manisha Sabharwal, Incharge, Department of Food and Nutrition, Moderator, Dr. Sangeeta Goomer, Associate Professor, Resource Person, Dr. Ravinder Chadha, Associate Professor, Resource Person, Dr. Anjani Bakshi, Assistant Professor, Resource Person
- Regulatory Aspects of Nutraceuticals on **23rd May, 2020** conducted through Google Meet by Dr. Pooja Raizada, Dr. Shailly Nigam and Dr. Aparna Agarwal (**DBT Star Grant**). Speaker was Dr. Prabodh S. Halde, Marico Ltd.

HUMAN DEVELOPMENT AND CHILDHOOD STUDIES

Human development and Childhood Studies is a multidisciplinary department devoted to understanding the nature of human development across the life span in a culturally diverse, changing and complex world. The academic programme focuses on a contextual and systemic framework to the study of development and relationship processes through research, teaching, and application. The Department engages students in a curriculum that values and supports interdisciplinary perspectives and combines classroom learning with the field of opportunities. There is a particular emphasis on the study of heterogeneity among children and adults in varied settings.

Research Activities

The research focus of the Department of Human Development and Childhood Studies is on parenting and socialization, disability, influences of cultural contexts and diversities in human development and well-being. Master’s students were guided to take up independent research and write a dissertation as part of their academic programme

We as a department have always let students work on areas that they want to study. This year we had a student who worked on the fandom in the lives of young adults. Women and work have been

an integral area of research in this century. Our students worked on women issues such as their work in the informal economy and the unorganised sector. They looked at the implications on mother child interactions and looked at different responsibilities and roles they performed. Our students also worked in different parts of our country such as one student explored the folk rituals in Chami village of Uttarakhand.

Children's experience and participation was an integral part of the research. And students studied stress in adolescent's lives and issues such as sibling relationships were also explored. Internationally there is growing interest in the role men play in care of children. One of our students worked on policies, perceptions and experiences of child adoption in single males.

Our students did challenging research and focused on issues of Manipur migrants in Delhi and documented its implications for parenting. Parenting practices of women with visual impairment was also studied. Lives of young adults who have visual impairment was also studied.

Seminars/ Conferences/ Workshops/ Training/ Special Lectures

As part of the coursework and enrichment for students the department organised many workshops and special lectures for the undergraduate and postgraduate students. Following are the details of the same:

- Skill-Development for adolescent girls and youth in rural Bihar by Mr. Yuman Hussain from Azad India Foundation
- Teachers Collective efficacy and student achievement by Mrs. Akansha Aggarwal from Education Collective
- Nurturing Social-Emotional Learning in early Adolescence by Dr. Pranalee Sharma
- Science and Ethics in a Post-Colonial Society: Students responsibilities for a better future by Dr. Nandita Chaudhary, Ex-Faculty, Lady Irwin College
- Expressive Art and Learning by Ms. Shaloo Sharma, Evoluer Solutions
- Session on working with Children and Youth: Preparing young professionals for Education and Development Sector by Ms. Mamta Saikia, CEO, Bharti Foundation
- A session by Ms. Sonal Sharma from SEWA Bharat on Self Employed Women Association- Gender, Labour and Collectivisation
- Sharing of field experiences on Child rights and welfare by Ms. Jyoti Srivastava from Azim Premji Foundation
- A workshop on developmentally appropriate activities in an Early childhood classroom by Ms. Sarita Prabhat.



- A lecture on Policy and Budget by Ms. Karuna Bishnoi
- Assessment and Evaluation; High quality in ECCE by Saurabh Luthra
- Students engaged in a session by Ms. Sarita Prabhat

Internships

Post Graduate students were engaged in their summer internships during June-July 2019 in different organizations such as schools, hospitals, government and non-government organisations. They worked in NGOS such as Self-Employed Women's Association (SEWA) and Salaam Balak Trust.

They worked in hospitals such as the Child Development Centre of the Lok Nayak Hospital and Sir Ganga Ram hospital as they gained hands on experience in promoting the well-being of children. They also worked in the psychiatry wing of private medical centres in different parts of the city, Delhi.

One of our students also worked in the Chotomoni Nibas (Baby Home) which was run by the Department of Social Service in Dhaka, Bangladesh. Students were also placed with the very salient Central Adoption Resource Authority (CARA) and studied different aspects of adoption.

Field Trips/ Extension Activities

Visits were organized by the Department of Human Development and Childhood studies. Students visited many private preschools such as Makoons, Eurokids and Ipsaa as part of early childhood care and education practical. They also visited children's homes such as Kilkari. They visited the creche programmes run by the well-known NGO Mobile creches. They also visited Palna run by Delhi Council for Child Welfare to understand the adoption mechanisms. They visited the Scottish High School to observe people in various settings and document it in detail to learn the method of ethnography.

Department's outreach (besides curricular activities)

Our students worked through the pandemic and did data collection for a project called living through the pandemic which was done by National Institute of Public Cooperation and Child Development which is a premiere institute.

Other important events

RAK Child Study Centre- Annual Day

Rajkumari Amrit Kaur Child Study Centre organised its Annual Day in February 2020. The postgraduate students of the department supported the event and actively participated in it as part of their ECCE curriculum.

RAK Parent Workshop

A parent's workshop was conducted by



our post graduate students along with the centre teachers at our laboratory school, the Rajkumari Amrit Kaur Child Study Centre.

RAK teachers conducting the workshop with the parents on activities for children

Alumna Meet (Celebrating 50 years of the Department of Human Development and Childhood Studies)

As part of the celebrations of 50 years of the Department of Human Development and Childhood Studies, an Alumni meet was organised on 10th February 2020. A round table with alumnae of the seventies was planned for the day. The event saw a large gathering of Alumnae who came to celebrate together. Some glimpses of the event can be seen below:

Celebration of the 50 years of the Department of Human Development and Childhood Studies



Webinars

- Organised a session on 26th May 2020 on Research Methods in Social Sciences: Application, challenges and Analysis by Dr Jay Prakash from Ministry of Health, Govt.of India
- A session on An Anthropological Glance at COVID-19 by Dr Kiranmala Devi, Department of Anthropology, DU was conducted on 27th May 2020
- Organised a session on Gender issues during Pandemic: Ground Realities by Ms Ankita Upreti from SEWA Bharat on 28th May 2020
- An Interactive and explorative session on Self, consent and expression was conducted by Ms Malavika Goyal, Ashoka University on 27th and 29th May 2020



- Sessions with Dr. Asha Singh, Ex-Faculty, Lady Irwin College with different sections on Engaging with children, Music and Movement with Children, Understanding Self through Theatre in August 2019, September 2019 and May 2020
- A conversation with Kamla Bhasin on हम क्यों अभी तक जुड़े हैं पितृसत्ता से? On 14th June 2020
- A session on Yoga and Wellbeing was conducted by Dr. Ajay Kumar Shastri, Jawaharlal Nehru University for the students on 4th March 2020
- Ms. Poorvaja Kumar, Human of Canines conducted a session on Animal Assisted Therapy on 18th June 2020
- Women Overcoming Challenges in the present Times by Dr. Kiran Bedi, Governor, Puducherry on 30th June 2020

FABRIC AND APPAREL SCIENCE

The postgraduate programme in Textiles and Clothing was initiated in the academic year 1987- 88. It has evolved and developed over the past three decades, achieving high standards of academic excellence. The post graduate programme is suitably supported by requisite infrastructure, latest equipment, computer facilities and an extensive department library. The courses have been diversified and re-contextualized keeping pace with the latest developments in the textile and garment industry. The revised post graduate curriculum with a change in nomenclature to 'Fabric and Apparel Science' was introduced in 2007. The semester system came into effect from July 2011, by offering four semesters during post-graduation.

The new curriculum is a unique blend of technology and design. The revision of the curriculum has also resulted in widening of horizons with the inclusion of new areas like Home Textiles, Textile



Documentation & Conservation, Quality Assurance, Fashion Marketing and Merchandising, Business of Fashion, etc., to name a few. The courses are suitably supported by hands-on experience through practical and research.

Field visits, projects and computer applications are integral to the course. The focus is on a strong industrial input with six weeks internship in various organizations such as spinning, weaving, processing, dyeing and printing units in textiles industry, besides the garment industry, research institutes, textile testing organisations, textile museums and NGOs working for the upliftment of traditional textile crafts.

The post-graduate programme prepares students for career opportunities in the areas of design, technology, academics as well as research. The alumnae of the department are placed in various organizations as designers, merchandisers, production coordinators and managers, executives, entrepreneurs, faculty and researchers.

Research Activities

The Department of Fabric and Apparel Science is actively involved in conducting research in various allied fields like textile design and innovation, green technology for apparels, zero waste fashion, conservation and revival of traditional textile crafts, sustainable development and economic empowerment. The other significant areas of research include capacity building of artisans, women and persons with disability, extraction of fibres and dyes from waste, best buying practices, life cycle assessment, quality assurance, consumer awareness programmes, workplace safety and ethical issues, designing garments for people with special needs, development of sizing system for apparels, etc. Along with doctoral research scholars, the department also encourages and guides its post graduate students to undertake one year dissertation project as a part of their academic programme to gain an insight into the research process.

Seminars/ Conferences/ Workshops/ Training/ Special lectures Organized

Seminars and Conferences

- Fabric and Apparel Science Department was associate partner for organizing the 15th **International Conference on Apparel & Home Textiles** by AEPC & OGTC on 7th **September, 2019**. The MSc students and the faculty were actively involved in the organisation and conduct of the conference. Like every year, this year too, the department organised the Poster Making Competition during the conference. The PhD and MSc students took active participation and posters were presented by our PhD and MSc students based on their research work and won prizes for best posters.



Workshops

- Department organized a workshop on “**Style your look and be in the spotlight**’ with the students of Image Styling, **B.Sc. (Hons.) IInd year** students on **18th October, 2019**.

- A workshop on **‘Resume Writing and Employability Skills’** was organized for the students of **M.Sc. I and II year** on **25th February, 2020**. It was facilitated by **Mr. S. K. Singh, Senior Mentor, OPOIE (An IIM Alumni Initiative)**
- Department organized a workshop on **Personal Grooming, Etiquettes and Physical Attractiveness** for Image Styling [B.Sc. (Prog.) III year] students on **6th March, 2020**. The resource person was **Ms. Harmeet Sachdeva, owner at Harmeet Sachdeva Artistry**.
- A workshop on **‘Computer-Aided Designing’** was organized for the students of **M.Sc. I and II year** on **7th March, 2020**. It was conducted by **Ms. Garima Rohatgi**

Training

- A **TUKACAD training course** on Pattern Making, Grading and Marker Making software was organized for M.Sc. students in **July-August 2019**. **Mr Vikas Sharma, CAD specialist form Tukateck India Pvt. Ltd.** conducted the sessions for the Final year MSc students of the department. The students were trained to use the software for making the paper patterns, which is the present practice in the garment industry.
- Department was involved in the **training of two participants of Abilympics** (Olympics of Abilities) in **embroidery stitches** in **March, 2020**. Abilympics Training was continued even during Covid-19 with the trainees in online mode.

Special lecture

- **North India Section on Textile Institute (NISTI)**, started a Student Forum in collaboration with various textile institutes, including Department of Fabric and Apparel Science, Lady Irwin College. The Department hosted the **Inaugural Lecture of the NISTI Student Forum on 13th September, 2019**. **Dr Nian Siao, Member NISTI** and former faculty at Pearl Academy of Fashion, Delhi presented the inaugural lecture on **Fashion Trends and Influences**. The Program was attended by the under graduate and post graduate students and faculty of Lady Irwin College along with the dignitaries from various textile industries who are the members of NISTI.
- Department organized a **Guest Lecture** in association with **Textile Association of India** on **14th February, 2020**. The Lecture was based on **“Linking Industry and Academia”**.
- On **4th March, 2020**, a special lecture on **‘Research Thrust Areas’** was organized for **M.Sc. 1st year students**. Experts from different fields were invited to deliver the lecture on various research areas in the field of textiles.



Internships

During the Covid-19 pandemic, Department of Fabric and Apparel Science arranged industrial internships for its M.Sc. Final students. With the focus on strong industrial input, the M.Sc. students

went for the internships in online as well as offline mode both. Internship took place in various units in Textile and Apparel industry, Textile testing institutes, etc.

Field Trips/Extension Activities

- **M.Sc. and B.Sc. 3rd year students** along with three faculty members went for an **Educational trip to Jaipur** from **5th – 7th February, 2020**. The three-day trip had visits to historical places such as **City Palace** and **Amer Fort**. Students saw the traditional textiles of Royalty in the City Palace. Students also went to **Bagru, Rajasthan** for attending the workshop of **natural dyeing and printing**.
- Visit to **“Surajkund Mela”** Faridabad on **7th February, 2020** with **M.Sc. and B.Sc. students** along with 6 faculty members to give students exposure to traditional textiles.
- Visit to **Shahi Exports** was organized by the department for the **M.Sc. students** on **15th February** for industrial exposure of the PG students. The students along with 3 faculty members visited various departments in the export house to closely observe the working of manufacturing of garments.
- Visit to **Mittal Dyeing, Panipat** was organized by the department for the **M.Sc. students** on **18th February** to give exposure of the industry to the students. The students along with 3 faculty members visited dyeing and printing units to understand the working in the mills.



Other important events

- **Diwali** was celebrated by **going green** on **24th October, 2019**. The department was decorated with **earthen lamps, candles, rangolis, upcycled torans and fabric flower garlands**. Conscious efforts of wearing traditional Indian attire once a week by faculty and M.Sc. students on this auspicious day.
- Department participated in **“North East Expo 2019”** organized by All India Women’s Education Fund Association (AIWEFA) in Lady Irwin College on **2nd and 3rd November, 2019**. Faculty members also had a booth in the event on **“Traditional Textiles and Costumes of the Mizo”**
- Faculty members and M.Sc. students also participated as delegates in **Texcon’19** on **4th and 5th November, 2019** which was organized by **“Confederation of Indian Industry”**
- Department of Fabric and Apparel Science celebrated **Eco-friendly Holi** on **6th March, 2020** using **flower petals, chandan and gulabjal**.
- **Virtual Farewell** was given to M.Sc. II year students on Google Meet on **29th June, 2020**. There were dress codes for faculty, seniors and juniors. The party was hosted by M.Sc. I year students. **Fun-filled activities and interesting games** were a part of this event.

Webinars

During the Covid-19 pandemic, number of webinars were conducted by Department of Fabric and Apparel Science in collaboration with the experts and various organizations. The details of the webinars are as follows:

- Online session on “Time Management” was conducted on 6th May, 2020. Resource person was Mr. S.K. Singh, Senior Mentor, OPOIE.
- Online session on “Fashion Styling” was conducted on 12th May, 2020. Resource person was Ms. Nitasha Gaurav, Celebrity Stylist.
- Online session on “Innovations in Craft Sector” was conducted on 13th May, 2020. Resource person was Dr. Toolika Gupta, Director, Indian Institute of Crafts and Design, Jaipur.
- Online session on “Inside Buying House” was conducted on 14th May, 2020. Resource person was Ms. Pria Chauhan, Group Leader Operations, Triburg.
- Online session on “Prospects of Textile Design in Fashion and Textile Industry” was conducted on 22nd May, 2020. Resource person was Dr. Anu Sharma, Associate Professor, Department of Textile Design, NIFT, Delhi.
- Online session on “Powerpoint Presentation Effective Design Tips” was conducted on 26th May, 2020. Resource person was Dr. Nidhi Gupta, Anupa Sahi Siddhu Gold Medalist.



DEVELOPMENT COMMUNICATION AND EXTENSION

The Department was established in the year 1964 as ‘Rural Community Extension’ under the aegis of the Ministry of Food and Agriculture, Government of India. The nomenclature ‘Community Resource Management and Extension’ came into being in 1983. In 2007, the Department was renamed ‘Development Communication and Extension’ after a comprehensive curriculum revision. The Department strives to train a cadre of professionals to work as developmental practitioners and researchers. The curriculum provides strong theoretical foundations and experiential learning to meet the existing market demands for trained professionals in participatory development processes and Social Behavioural Change Communication (SBCC) for sustainable development.

Research Activities

The research focus of the Department is on development concerns, advocacy, and communication for sustainable social change. The other important areas of research are gender, media monitoring,

audience segmentation and responses, new media technologies as well as analysis of national flagship programmes. Master's students are guided to take up independent empirical research and write a dissertation as part of their academic programme. The Department has endeavoured to explore participatory methodologies and innovative techniques in research.

Seminars / Conferences / Workshops / Training

Training of Trainers program 'Engaging Men and Boys for promoting Gender Equity'

The department of DCE is collaborating with ROSHNI Centre organized a Training of Trainers program, 'Engaging Men and Boys for promoting Gender Equity'. The postgraduate students of the department took active part in a three-day event held on 20th, 21st, and 23rd August 2019. The programme was supported by the Centre for Health and Social Justice to increase understanding of students on gender, masculinity, and men's role in increasing gender equality, increase understanding of participatory training principles, training methodology and tools, and increase skills in designing participatory training and facilitation and orientation with PLA process of leaders in the community regarding Swabhimaan programme run by the ROSHNI centre.

Workshop on Wall Writing

A wall writing workshop was organized for undergraduate and postgraduate students of the department on 15th October 2019 in Seth Ram Lal Hall. Mr. Yogesh Saini, a wall artist and founder of Delhi Street Art was the resource person for the workshop. The students from 1st Year B.Sc. Home Science Program participated in the wall writing competition during the workshop and each section voiced their views on the concerning development issue by creating wall writings. Three best wall writings were selected (Section I, L and E) and Certificates of Appreciation were given to the students.



Genderlogue on Sexual Harassment at workplace

Women Power Connect (WPC) organised a two-hour Genderlogue on "Prevention of Sexual Harassment at the Workplace and The Sexual Harassment (Prevention, Prohibition and Redressal) Act, 2013" in the Department on 4th November 2019. Postgraduate and undergraduate final year Honours course students actively took part in the programme. Short films on sexual harassment were screened followed by discussion by Ms. Gayatri Sharma, Programme Director, WPC on the Sexual Harassment (Prevention, Prohibition and Redressal) Act, 2013. A debate competition was held on the same topic. Ms. Abha Joshi, Advocate Lawyer and Women's Rights Activist, Dr. Bhanumati Sharma, Associate Professor and Convenor, Internal Complaints Committee, Lady Irwin College and Ms. Damyanty Sridharan, Senior Gender Advisor, FES judged the competition and all the winners received certificates.

Lectures by eminent speakers

Lecture by Prof. David H. Mould, University of Ohio

Under the aegis of UNICEF, David H. Mould, professor emeritus of media arts and studies at Ohio University, USA visited the Department on 9th August 2019 and had a consultation regarding communication for Development (C4D) curriculum.



Interactive session by Prof Mary Andrew, Michigan State University

Prof. Mary Andrews, former Director Emeritus of International Extension Programs and Coordinator of Professional Development in Michigan State University Extension visited department on 23rd October 2019 and conducted an interactive session with faculty members and students.

Lecture by Prof. Murari Suvedi, Michigan State University & Fulbright Research Scholar in South and Central Asia and Prof. P.V.K. Sasidhar, Indira Gandhi National Open University, New Delhi

Professor Murari Suvedi, and Prof Sasidhar held an interactive session in November 2019 with the faculty and students of the department as part of the evaluation research and taking stakeholders perspective on 'Strengthening Agricultural Extension Training in South Asia' (India, Sri Lanka and Nepal) being conducted as part of the Fulbright program. The session was interactive, discussions were held on extension curriculum transactions in the department.

Lecture by Prof. Arvind Singhal, University of Texas

Marston Endowed Professor Arvind Singhal from University of Texas at El Paso, USA on 20th Jan 2020 addressed undergraduate and postgraduate students of the department on power of narratives. His lecture titled 'from Analog Dickens to Digital Sneha: An unfolding Story of Narrative Engagement' provided comprehensive insights into the power of narratives in today's contemporary world.

Lecture on CSR & NGOs in India by Amita Joseph

On 5th February 2020, Ms. Amita Joseph enlightened the undergraduate and postgraduate students of the department on need for Corporate Social Responsibility (CSR). Being on the organization boards of many not-for-profit organizations such as MESH, CRB, SRUTI, AAM Foundation and Business & Community Foundation (BCF), Ms Joseph appraised the students of the current status of CSR and the need for promoting responsible business practice through education, advocacy, open public discourses, etc.

Session on Cyber Security by Mr. Rakshit Tandon

DCE Department in collaboration with the NSS Unit of Lady Irwin College, Internet & Mobile Association of India (IAMAI) and Facebook organized a session on Cyber Security on 7th February

2020. Mr. Rakshit Tandon, Consultant, IAMAI, and Advisor to the Cyber Complaint Redressal Cell, U.P. Police (Agra) was invited to address the students and create awareness about the cybercrimes and ways to protect oneself from these crimes. Participation certificates were given to all the participants.

Lecture by Dr. Anjali Capila

On 10th Feb 2020, former Professor of the Department, Dr. Anjali Capila delivered an enriching lecture on 'Traditional health care practices of women in the Himalayan communities of India: A Qualitative perspective'. The lecture focused on her participatory research work on folk songs as vehicles of social change and women's empowerment and provided unique insights into the traditional health practices that inform today's generations of women.

Home Science Myth Buster Campaign - '#FlipYourSoch'

On 1st April 2020, the undergraduate students of the Department under the Skill Enhancement Course - Social Media and Digital Communication conducted a two-week social media campaign to bust myths associated with Home Science. **The campaign was titled 'Home Science Myth Buster'**. The campaign was run on Instagram and Facebook. The campaign reached 20, 000 people.

Internships

Post graduate students carried out their summer internships during June-July 2019 in different development, media and corporate organisations. Some of the organisations that they worked with were Michigan State University, Citizenship Development Society, Azad Foundation, Digital Empowerment Foundation, UNDP, Project Hope, New Concept, SPYM, The Naz Foundation India, Trust and Ernst & Young. Later in the semester the students presented their work experience and learning outcomes before the faculty and personnel from these organizations on 19th August 2019. Several undergraduate students specializing in Development Communication and Extension also took up internships in development organisations and media houses.

Field Trips/Extension Activities

Training of field functionaries

As part of the training practical, post graduate students conduct annual trainings using a participatory approach for field functionaries on a development issue. In 2019, two-day Training of Trainers was organised by PG final year students for Preventing Pollution: Promoting Sanitation and Well-being on 13-14th November. Nearly 30 Field functionaries from 10 NGOS - Aman Biradari, The Vigyan Vijay Foundation, SPYM, Action India, Astha, Maanch, TERI, and Aadhar participated in the programme. Sessions on Swachh Bharat Abhiyaan, open defecation, solid waste management, water conservation and rain water harvesting, water pollution, reuse of wastewater and air pollution were held. Training programme, student trainers, and the participatory training methods,



techniques and material used by them was well appreciated by the participants. All the trainees and the student trainers were awarded certificates by Dr Anupa Siddhu, the Director of Lady Irwin College.

Training of Adolescents for developing life skills using FTT Training Module developed by the Department

The undergraduate students of Lady Irwin College conducted training using the 'For Today and Tomorrow - Life Skills training modules' developed by DCE department and SPYM. Training sessions were organised by students of B.Sc. II Hons and III Pass majoring in DCE. The training sessions were held on 1st November 2019 at Parada Bagh centres of SPYM and on 4th November 2019 at Ummeed boys home, Mehrauli.

Workshops on Developing Training Toolkit for ASHA workers (Under UNICEF Project)

Series of workshops held in Department to carry out Interdepartmental collaborative project for developing a tool kit for ASHA workers on parenting for UNICEF. Dr Archana Kumar, Dr. Aparna Khanna, Dr Vineeta Bhargav and Dr Shradha Kapoor led the project activities. Faculty members and PhD Schools took active part in the sessions.



Other Important Events

Orientation Programme & Department Founder's Day

A formal orientation was planned on 17th Sept 2019 to welcome the new batch of students and also to celebrate the department's Founder's Day. Dr. Sunaina Batra welcomed the guests, new students, postgraduate final year and graduation final year students, the current and retired faculty, and the Director of the college. This was followed by the opening address by Dr. Anupa Siddhu, the director. Dr. Rupa Upadhyay oriented the students about the department and presented the curriculum, department thrust areas and achievements of the department during past one year. This was followed by the interaction session with our guests who are also the alumni of the department. Ms Nikita Rakhyani, PRIA; Ms. Tanvi Khurana, independent consultant, Ms. Apoorva Ajmani, VANI; Ms Priya Anand, IWL Foundation; and Ms Padma Pandey, Azad Foundation shared the experiences of working



in their organisations and highlighted how the learnings from the department have been instrumental in their professional and personal growth. Students were motivated and also asked pertinent questions from the speakers. Dr Archna Kumar felicitated the retired teachers - Mrs. Sahani, Dr. KK Kapoor, Dr Mridula Seth, and Dr. Vinita Narula. Dr Mridula Seth and Dr Vinita Narula shared a few words with the gathering complementing the seniors for their efforts and welcoming the new batch. Dr. Sarita Anand gave the vote of thanks. This was followed by the candle lighting ceremony in the department by all. As part of orientation programme, library orientation was also arranged for the students to make them understand the software for searching references and sensitize them about the issues of originality and plagiarism in research.

Contact Programme

The final year undergraduate students of the department organize annual event – ‘contact programme’ as part of the “Each One Enable One” programme of the department. Like every year, the event was organized on 1st February 2020 in college campus where adult learners who are dropouts from the underprivileged sections of the society were adopted by the student and are motivated to achieve functional literacy. Ice breaking games, demonstration on anaemia rich diet, healthy quick breakfast for kids, self-defense, best out of waste, and various fun based activities were organized. The prime objective of these activities was to create



awareness among their learners and sensitize them to take adequate actions to improve their quality of life. Teachers interacted with the students volunteers and their learners and suggested activities to be taken up by these students volunteers as part of the adult literacy -‘EEOE program’.

Webinars

During the pandemic, department hosted a series of webinars covering a whole plethora of social and development issues. These webinars were organized online via Google meet as a virtual platform to connect with the students and others academics, and development communication practitioners.

- **Webinar on Adobe Spark and Adobe Scan** (*in collaboration with Adobe and De Pedagogics*) conducted on 13th May 2020 with 1882 participants, (*nearly 85 students from the college were deployed Adobe Spark licenses*). Speakers were Ms. Chandeeep Marwah, Education Training Consultant and Ms. Meenakshi, Adobe
- **Development communication and the pandemic- Exploring the potential of Traditional Performing Arts** conducted on 27th May 2020. Number of participants were 210. Speakers were Ms. Anurupa Roy- Founder, Puppet theatre director and puppet designer, Katkatha Puppet Arts Trust and Ms. Komita Dhanda- Organizer, actor, director and writer with Jan Natya Manch (JANAM)
- **Domestic Violence during the COVID Pandemic: Issues, Perspectives and Options**

conducted on 29th May 2020. No of participants were 60. Speakers were Ms. Priyanka Singh- State Lead- Implementation Delhi, Breakthrough and Ms. Archana Singh- Manager, Breakthrough

- **Climate Change Crisis and Voicing Solutions through Online Campaigning** conducted on 30th May 2020. No of participants were 129. Speakers were Ms. Suruchi Bhadwal- Senior Fellow, Earth Science and Climate Change, TERI and Ms. Manjari Sharma- Digital Engagement & Communication Expert, Greenpeace
- **The Paradox of Media Landscape: Reel Meets real – I** conducted on 31st May 2020. No of participants were 194. Speaker was Ms Anandana Kapur- Co-Founder, Filmmaker, Cindmad India
- **The Paradox of Media Landscape: Reel Meets real – II** conducted on 1st June 2020 No of participants were 164. Speakers were Ms Maheen Mirza- Cinematographer, part of Ektara Collective and Ms Aanchal Kapur- Founder, Kriti Team
- **Gender based violence: Media and mindsets** conducted on 5th June 2020. No of participants were 190. Speakers were Ms Mahika- Senior Coordinator, Breakthrough Media and Ms Anika- Senior Manager, Breakthrough Media

All the webinars conducted by the Department were well received and appreciated by the undergraduate and postgraduate students of our college and various other participants. Other participants who joined these webinars, were from 40 different colleges and institutes across India which includes; Jamia University, Banasthali Vidyapeeth, Institute of Environment & Sustainable Development, BHU, NIMS Unievrsity, Jaipur, Rajdhani College, Institute of Home Economics from Delhi University, TERI and UNICEF etc.

RESOURCE MANAGEMENT AND DESIGN APPLICATION

The Department was established in the year 1964 as ‘Rural Community Extension’ under the aegis of the Ministry of Food and Agriculture, Government of India. The nomenclature ‘Community Resource Management and Extension’ came into being in 1983. In 2007 the Department was renamed ‘*Resource Management and Design Application*’ after the comprehensive curriculum revision. The department is focusing on the management of various resources human, material and natural which are integrated with design functions. The curriculum includes creating design for spaces, products and services along with its analysis and evaluation with respect to human –well-being, health, happiness and a sustainable environment. The course offers specialization in the areas of Space & Product Design and Environment Management and Sustainable Development wherein industry specific core competencies are developed. Students are provided academic inputs through the course curriculum as well as through experiential learning in relevant area to enrich the theoretical base.

Research Activities

The research focus of the Department is on product design and development, understanding spaces and human needs, environment conservation and sustainable development. The other important areas of research are indoor air quality, solid waste management, Sustainable development, entrepreneurship,

ergonomics and designing for special needs. The Department strives to explore participatory methodologies and innovative techniques in research.

Seminars / Conferences/ Workshops /Training

First South Asian conference on Sustainability in Textile and Apparel Industry

The department partnered with Prem Jain Memorial Trust and Michigan State University, USA along with other partners like School of Planning & Architecture New Delhi, IDH-the Sustainable Trade Initiative and Ella Pad Foundation, Dhaka, Bangladesh for the First South Asian conference on Sustainability in Textile and Apparel Industry 2020. The Conference was held on 3rd March, 2020 at C.D. Deshmukh Auditorium, India International Centre, New Delhi. The department faculty moderated and coordinated the session on “Workers’ wellbeing and related aspects of Operations”. The conference was inaugurated by honorable Union Minister for Textiles and Women & Child Development Mrs. Smriti Zubin Irani.



Training for International Abilympics

The department of RMDA is collaborating with SARTHAK EDUCATIONAL TRUST organized a Trainers program for training people with disabilities in painting for National and International Abilympics. Department faculties and Research scholars took active part in five day event held in March, 2020.

DIC Spoke Centre

Lady Irwin College is a SPOKE Institute of Innovation Centre, University of Delhi under NIDI (national Initiative for Design Innovation) Scheme, Ministry of Human Resource Development (MHRD). It was held at the Department of Resource Management and Design Application, Lady Irwin College from December 2019 – February 2020. As a part of this, the department had organized various workshops and trainings, developed sustainable and inclusive products and participated in diverse conferences and seminars.

Segregation of organic –waste for Recycling and Treatment Project

Department of Resource Management and Design Application in collaboration with Indian Pollution Control Association (IPCA) has taken initiative to install Aero-bins in the campus to upgrade the procedure of Solid Waste Management. Students of M.Sc. previous worked on this project as part of a subject curriculum.

Workshop at Pearl Academy

A one-day workshop was held at Pearl Academy Delhi for Undergraduate Students to understand the scope of design related fields and career prospects.

Visits

Various visits were organized by the department to Centre for Science and Energy, Airport Authority of India, Indian Pollution Control Association, Connaught Place, Crafts Museum, Dilli Haat and Renewable Energy expo from September to December, 2020. These workshops were organized as part of the curriculum to help students to understand waste water treatment, paper recycling, solar technology, vernacular structure, resource map historical locations and gain insight into different typology.



Internships

Post graduate students carried out their summer internships during June-July 2019 in different organizations related to product development, capacity building and sustainable environment.. Some of the organisations that they worked with were International Institute of Energy Conservation, DU Design Innovation Centre, Brandless, The Energy and Research Institute, International Solar Alliance, Magic Bricks and Federation of Indian Chambers of Commerce and Industry.

Field Trips/Extension Activities

Department of RMDA organized educational trip to Jaipur from 1st November, 2019- 3rd November, 2019 wherein students visited a textile cluster and viewed at their effluent treatment plant, sewage treatment plant, rain water harvesting system and photovoltaic plant to supply energy to the cluster. Students also visited a rural area called Mini Israel where they learned about the process and functioning of solar water pumps, sustainable agricultural practices like drip irrigation, mulching sheets, use of polyhouses, humidifiers, and much more.



Other Important Events

Annual Taskforce Meeting

The department hosted its **13th Annual Task force meeting** on **February 26, 2020**. The Task force was formed in the year 2007-08 which acts as an advisory body for the department



providing it with necessary industry inputs and academic expertise. It consists of eminent professionals from the area of sustainable habitat, product design, green buildings, space planning and environment management.

Annual Symposium

The Department of Resource Management and Design Application, Lady Irwin College, University of Delhi, Delhi in collaboration with Michigan State University, USA convened the **13th Annual Symposium on harnessing green energy for the future** on **February 25, 2020** in New Delhi with funding support from Indian oil corporation limited, India. The symposium included eminent speakers from the field of sustainable practices and environment.



Orientation Programme & Department Founder's Day

A formal Orientation for new batch of masters was planned on 26th September 2019 to welcome them and to celebrate the department founder's day. The event was started with Invocation and Lamp lightning, followed by the welcome address by Dr. Anupa Siddhu, the director of college and opening address and department overview by Dr. Shanta Tirkey, Head of the department. Presentation were made by MSc. Final students about their learning experience in the department and an interactive session with the alumni and former faculty of the department was organized to motivate the new batch. This was followed by cake cutting ceremony and felicitation of the guests.

4th National Innovation Day on 'Plastic-o-thon: Reuse, Remedy & Substitute'

Fourth Innovation Day was organized by the department with competitions focused on designing for plastic reuse and design for plastic substitute. The event was held in January-February 2020 and students from Lady Irwin College as well as deemed universities across the city participated. Prof. Lalit Kumar Das (Former head, Industrial Design Centre, IIT) chaired the session. The speakers were Dr. Bindu Rajan (Head NID, Delhi), Dr. S.K. Nigam (Advisor, Dept. of Environment), Ar. Parag Anand (Head, Industrial Design Dept, SPA), Mr. Shailendra Singh (member – Environment Committee, AIPMA), Prof. Bhibhu Biswal (Coordinator, Design Innovation Centre, University of Delhi) and Ms. Malika Srivastava (Executive Director, Centre for Microfinance). Shortlisted candidates of various competitions made presentation of their ideas and the winners were honored and awarded.

Webinars

During the pandemic, department of Resource Management and Design Application hosted 13 webinars on a series of topics covering environmental, social and design related topics. These webinars were organized online via Zoom and Google meet as a virtual platform to connect with the students and others academics, and field experts.

- **Webinar on Adobe Spark and Adobe Scan** (*in collaboration with Adobe and De Pedagogics*) conducted on 13th May 2020. Number of participants were 1882, (*nearly 85 students from the college were deployed Adobe Spark licenses*). Speakers were **Ms Chandeeep Marwah, Education Training Consultant and Ms Meenakshi, Adobe**
- **Industry interface for sustainable design** conducted on May 11, 2020. Number of participants were 98 students. Speaker was Mr. Ratan Kumar Jha (Regional Head, CTS North, J K cement)
- **2020, The Age of Realization** conducted on May 12, 2020. Number of participants were 100. Speaker was Ms. Ranjita Menon (Prog Director, Environment Education, CSE)
- **Plastic: A Global Pollutant** conducted on May 14, 2020. Number of participants were 70. Speakers were Mr. Satish Sinha (Associate Director, Toxics Link)
- **Waste management practices: Concerns and issues in present context** conducted on May 15, 2020. Number of participants were 90. Speaker was Mr. Ashish Jain (Director, IPCA)
- **Sustainability in Interior Design** conducted on May 15, 2020. Number of participants were 84. Speakers were Ms. Aanchal Mittal (Founder, Brandless) and Ms. Somya Suresh and Ms. Pratima Singh (Founders, Nuture India)
- **Resume Writing** conducted on May 15, 2020. Number of participants were 52. Speaker was Dr. Charvi Mehta (Technical Expert, GIZ)
- **Digital Transformation in India that helped get through COVID-19 Lockdown** conducted on May 19, 2020. Number of participants were 100. Speaker was Ms. Jayashree Kurup (Editorial Head, Magicbricks realty Services Ltd.
- **Clean Energy Financing – A viable solution for post COVID-19 scenario** conducted on May 22, 2020. Number of participants were 53. Speakers were Mr. Sanjay Dube (President and CEO, Indian Institute of Energy Conservation)
- **Launching and managing a successful startup** conducted on May 26, 2020. Number of participants were 162. Speakers were Mr. Rohit Sharma (Business Head & Co-Founder, Pankh)
- **Individual solution to Plastic Pollution** conducted on May 29, 2020. Number of participants were 75. Speaker was Ms. Richa Malik (Founder, The Happy Turtle)
- **Linkedin for Career Development** conducted on June 12, 2020. Number of participants were 36. Speaker was Dr. Charvi Mehta (Technical Expert, GIZ)
- **Designers and Automation: Evolving relationship in present times** conducted on June 15, 2020.
- **Design Possibilities post pandemic** conducted on June 19, 2020. Speaker was Prof. Lalit Kumar Das (Former Head, Industry Design Dept, IIT)

All the webinars conducted by the Department were well received and appreciated by students of Lady Irwin College (undergraduate and postgraduate) and participants from other organization and colleges.

DEPARTMENT OF SCIENCE

The Department of Science, Lady Irwin College has its roots in the origin of B.Sc. Home Science degree programme in the year 1950. The Department of Science has been engaging highly qualified faculties from various disciplines: Botany, Biomedical Sciences, Chemistry, Environmental Science, Horticulture, Molecular Biology, Physics, Zoology etc. Department of Science has interdisciplinary approach, we are committed towards instilling rational thinking, creating scientific temper and decision making amongst undergraduates through basic and applied teaching in the streams of Botany, Chemistry, Environmental sciences, Physics and Zoology. The curriculum of the subjects trains the students in laws of natural sciences through supportive practical experiments and field visits.

Our students hail from various educational backgrounds, many of them are not having sufficient preparatory training in sciences. This Coursework hence helps preparing a level playfield for all by the time they are ready to pass out and join their professional duties.

The curriculum of science also helps students in developing research skill in sciences to do research at Masters and Ph. D. level. Many students opt for B. Ed. and B. Ed. Special Education after finishing their under graduate programmes. Having a strong science base at undergraduate level, the students are able to efficiently teach science to school students after doing Bachelor of Education. The Science courses provide skill and build capacities in students to become leaders in their professional life.

The Department of Science prepares the students to have an analytical thinking, to be observant, to



have a rationalistic approach, to value and conserve natural resources and to be sensitive towards agrarian society. The department makes the students aware about eco-friendly farming and organic food. The department organizes various academic activities viz. lectures, plantations, conservation of environment activities, field visits, Eco Club activities, quizzes etc.

List of conferences, seminars, workshops, lectures and webinars held:

Title	Activity	Dates
Kalam Series on Science and Environment 2019-2020	Interuniversity Debate Competition on the topic “Outer space colonisation: A pipedream”	6 th September 2019
	National Science Day Celebration: Invited talk “Green Chemistry: A greener future”	28 th February 2020
	Webinar: “Science of Covid 19- an invisible killer”	19 th May, 2020
	Webinar: “Preventative healthcare diagnostic platforms based on Micro-Nanotechnologies”	30 th May, 2020
	Webinar: “Environmental impact assessment: Basic concept, procedure and relevance”	9 th June, 2020

Other Departmental activity

Field visit to Yamuna Biodiversity Park

Thirty students of Undergraduate courses studying Environmental Science were taken on a field visit to Yamuna Biodiversity Park, Delhi to observe **World Wetland day** on **2nd February 2020**. World Wetland Day is celebrated to recognise importance in human life and biodiversity. Students interacted with **Prof. CR Babu** and discussed restoration of wetlands in urban areas with him.. Prof Babu summarised, how wetlands play a key role in human health and biodiversity.



Kalam Series on Science and Environment 2019

The Department of Science initiated an annual event in the memory of Dr APJ Abdul Kalam to promote Scientific and environmental tempore among the youth. Department successfully organised a debate titled **“Outer space colonisation: A pipedream”** on 6th September 2019 under this annual event. More than 50 students (undergraduate and post-graduate) from different colleges participated. Event was streaming live on its **Facebook page**



National Science Day Celebration, 28th February 2020

The Department of Science celebrated National Science Day on 28th February, 2020 with great enthusiasm by organising a lecture by Dr. Parul Singh, Department of Chemistry, Deshbandhu College, University of Delhi on the topic **“Green Chemistry: A greener future”**. More than 100 students participated and interacted with Dr. Parul Singh.

Webinars

Webinars were organised on multiple topics to engage students, faculty and professionals from other Institutions, with experts in diverse scientific fields. More than 500 students, faculty and professionals joined these online webinars with great enthusiasm. The speakers were:

- Dr Ajit Narula on the topic - Science of Covid 19 dated 19.5.2020
- Dr Prabhat Dwivedi on the topic - Diagnostic platforms based on nanotechnology dated 30.5.2020
- Dr Arun K Maurya on the topic - Environmental impact assessment dated 9.6.2020