

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 year 2022 embarked the 70 years of the B.Ed. programme and 15 years of B.Ed. Special Education (Intellectual Disability).* The B.Ed. Special Education programme is recognized by the Rehabilitation Council of India (RCI) and B.Ed. by NCTE, to strengthen the 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 is for two years duration, since 2015. The programme helps to strengthen the graduates and post-graduates professionally. A popular option for seven 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, NIEPA 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 2020-2021 with their tutorial group supervisors and School Experience Programme -II supervisors, respectively. And submitted their final report to their respective tutorial and school experience programme -II supervisors.

Skill Enhancement Department Activities

Reflective teaching classroom practices (2021-2022)

This workshop is specifically designed for second year students who have learnt/given an exam in the Pedagogy of Science and Home Science courses in the first year and about to begin School Experience Programme (SEP) in the second year. This workshop enables them to reflect on their classroom experiences during SEP and appreciate reflective practices.

Home Science/ Science enrichment programme (2021-2022)

This programme focuses on the content of Home Science and Science which needs to be updated to enable the student teacher to teach “correct” content in the areas. This supports students understanding of current trends, life skills and planning, managing in execution of classroom activities efficiently.

Annual Conference 2021

Department of Education organized the National Conference on Learning (NCL 2021) through virtual mode on November 26, 2021. The theme of the conference was **Gender and Education**. The conference explored gender related issues and considers a broader vision of how investing in education can promote gender equality, gender equity as well as sensitivity and empathy. A tribute was given to Ms. Kamla Bhasin, an Indian feminist, activist, poet, author, and social scientist.

Seminars/Webinars/Workshops/Training/Special Lectures

- A virtual talk on Microsoft Teams Platform was organized on January 21, 2022. The theme was Transgender: Issues and Concerns by Dr Shivani Arora, Assistant Professor, Shyama Prasad Mukherjee College, University of Delhi

- Screening of the movie “Chalk N Duster” was done for the students on March 3, 2022. The students reflected upon the issues of awareness; sensitization needed for different stakeholders in schools. And reflected on “Teachers are agent of change” highlighting their skill set.
- To mark the International Women’s Day two sessions was organized on March 8, 2022, on the theme Women and Disability: Showcasing Entrepreneurship Skills. Resource Person for session I were Dr Rubina Mohan, Ms. Sakshi Sharma and the team; The Shaurya Foundation and for session II was Prof. Kiran Devendra



- National Webinar Series by AIWEFA on Specific Learning Disability was attended by all Department of Education students on April 9,16,23 & 30, 2022. It included a total of 4 webinar lectures on Specific Learning Disability - Dyslexia, Dysgraphia, Dyscalculia, Dyspraxia: their features, characteristics, and treatment.
- Special Lecture on In Search of Immortality: A Dialogical Approach (Some Learnings from The Kathopnishad) was organized on May 4, 2022, by Professor Balram Shukla, Department of Sanskrit, University of Delhi. The lecture aimed to elaborate the significance of Ancient Indian Knowledge (Kathopnishad) in Contemporary Educational Practices.
- Workshop on “Film making on phone” by Mr. Abhineet Dang and Ms. Mansi Arora on May 27, 2022, was organized. During the workshop students learned to make videos as a teaching -learning resource tool for diverse kind of learners
- A webinar was organized on May 28, 2022, on the theme “Mumma’s on the Spectrum” which included the conversation with mother who identified themselves as autistic. The resource persons were Radhika Shekar and Ruchi Varshney under guidance of Dr Nandita De Souza
- An interactive discussion cum lecture on Living in Post-Pandemic Times with Buber was organized on June 16, 2022. The resource person was Dr. Vikas Beniwal, Assistant Professor, Faculty of Education (CIE), University of Delhi

Field Trips and Extension Activities

- A virtual tour to National Gallery of Modern Art was organized for B.Ed. first year students on February 24, 2022. Mr. Argha Kamal Ganguly, Assistant Curator guided the virtual tour to various galleries and the art forms preserved in the NGMA. Students explored the work of great artists and the stories of their work. They learned the importance of integration of art and education during the session. As integration of Art is important to make learning inclusive.
- Student of Department of Education visited the National Science Centre on March 10, 2022.
- Virtual tour on Rashtrapati Bhawan was organized on March 17, 2022. The resource persons were Mr. Shubha and Roshan Kumar Singh.

- Visit to IGNA for attending a programme “Ishan Manthan”: A festival celebrating cultural heritage of the North-eastern States of India was organized on March 25 & 26, 2022. The highlights of the event were: Panel Discussions, Screening of films, workshops, exhibition of art and craft, cultural program, and ethnic textile.
- Visit to Triven Kala Sangam for attending a photo exhibition of Tilonia curated by Pablo Bartholomew, puppet shows, and music was organized on March 28, 2022.
- Visit on June 6, 2022, to Blind Relief Association was organized for B.Ed. (Special Education) students. It included sessions on braille learning and interaction with students of B.Ed. Special education (VI) from Durgabai Deshmukh college of Special Education, University of Delhi.
- Three days visit to galleries, museums, Home Science and Science related Markets for video making project was organized from June 6-8, 2022.
- Visit on June 13, 2022, to Ali Yavar Jung National Institute of Speech and Hearing Disabilities (Divyangjan), Regional Centre, Noida was organized for B.Ed. first year students.
- Visit to National Institute of Empowerment of Person with Intellectual Disability, Noida was organized on June 13, 2022, for B.Ed. Special Education students. To gain on NIEPID (Model Special Education Centre) and functioning of their departments.
- Visit to Pt. Deendayal Upadhyaya National Institute for Persons with Physical Disabilities was organized for B.Ed. students on June 14, 2022



Department Outreach

Department of Education reached wide audience of teachers, families, communities not only for academic purposes but for serving the public good. During summers in June 2022 B.Ed. students did internship and worked as volunteers in NGO's, organizations, educational institutions, and various organizations working for social welfare. They build sound knowledge that can underpin the policy recommendations needed to improve the existing educational context.

Other Important Events

- Virtual cultural programme with the theme Hindi Medium was organized on Teacher's Day on September 05, 2021.
- Virtual celebration of Christmas by B.Ed. students was done along with teachers on December 25, 2021. Event highlights were dance, virtual games, and carol singing
- Virtual celebration of National festival Republic Day was organized on January 26, 2022.
- National Science Day: Celebrating the Spirit of Science was celebrated on February 28, 2022, B.Ed. Second year students showcased teaching learning resource material to explain abstract concepts of Science & Home Science

- Students of Department of Education participated on March 07, 2022 in the poster making and slogan writing competitions on awareness about voting

- **“Khana-e-jashan”** a food fest by B.Ed. second year students was organized on April 12, 2022. The food stalls were put up and games were also organized. A variety of indigenous food items was presented by the students.



- Department of Education first year students gave farewell to second year students on May 5, 2022. Lamp lighting, poem, drama, ramp walk, singing, dance, cake cutting, and title distribution were the highlights of the event.
- International Day of Yoga was celebrated by Department of Education on June 20 & 21, 2022. The theme was Yoga Asanas for Physical & Mental Wellness. It focused on the importance of yoga in serving better mental health practices and the benefits yoga provides in our life. The facilitator for the event was the former college student at Lady Irwin College, Ms. Gayatri Aggarwal, Yoga expert under the supervision of Sports faculty Dr. Richa Malhotra.

DEPARTMENT OF FOOD & NUTRITION AND FOOD TECHNOLOGY

The Department 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 was the first Postgraduate Department of Lady Irwin College. Presently the Postgraduate Department offers one year Post Graduate Diploma in Dietetics and Public Health Nutrition (PGDDPHN), two-year M.Sc. degree in Food and Nutrition and Doctoral Programme in Food and Nutrition under the Department of Home Science, University of Delhi. Furthermore, the Master's degree programme is offered in three areas of specialization namely, Clinical Nutrition, Public Health Nutrition and Food Science and Processing. Students find employment in hospitals, clinics, fitness centers, government and non-government organizations working in the development sector, the food industry, and academic and research institutes. Department of Food & Nutrition and Food Technology has been recognized as the State Level Technical Institution (SLTI) for Delhi Government under the Pradhan Mantri Formalisation of Micro Food Processing Enterprise (PMFME) Flagship Scheme by the Ministry of Food

Processing Industries, GoI in 2020. We are also an empanelled training partner under the Food Safety Training and Certification (FoSTaC) initiative of FSSAI since 30th June 2017.

B.Sc. (Hons) Food Technology program was started in July 2017. A grant has been received from the Department of Biotechnology, Ministry of Science and Technology under the Star College Scheme to strengthen Education and Training for the BSc (Hons) Food Technology Program in 2020.

Research Activities

The Department is actively engaged in research in the areas of Clinical Nutrition, Public Nutrition and Food Science. The research focus of the Department is on assessment of nutritional status, nutritional concerns, diet quality, food security, microbiological quality and safety of food products, situational analysis of programs/schemes for nutrition, management and prevention of diet related disorders, sports nutrition, development of behaviour change communication strategies/tools, development of new food products and other innovations in the field of food science. Several PhD scholars are registered under the supervision of Faculty of the Department.

Twenty-Seven Master's students were guided to take up independent research topics and they wrote a dissertation as part of their academic programme. They worked on diverse topics related to organic foods, diet diversity, eating behavior, relation of perceived stress with dietary habits/food choices, ayurveda and nutrition, plant-based meat analogues, infant and young child feeding practices, usage of artificial sweeteners, promotion of millets, biodegradable packaging.

B.Sc. Food Technology second- and third-year students also undertook research projects under the mentorship of faculty members. The key areas covered included green packaging, utilization of agro industrial waste, utilization of flowers for manufacture of food products such as rhododendron, edible films made from banana peels and walnut shells, processed food and beverage selection during COVID-19, antimicrobial resistance, mushroom cultivation.

The Department also had the following projects:

- Pradhan Mantri Formalisation of Micro Food Processing Enterprise Scheme (PMFME)



Flagship Scheme by MoFPI, GoI. **Department of Food & Nutrition and Food Technology has been recognised as State Level Technical Institution (SLTI) by the Delhi Government.** Faculty member (s): Prof. (Dr.) Manisha Sabharwal (Nodal person) and Dr. Aparna Agarwal

- **Star College Scheme** for “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 BSc (Hons) Food Technology (2020 to 2023). Faculty member(s): Dr Pooja Raizada (Nodal person) and Dr Aparna Agarwal.
- A study on “**Non-Nutritive Sweetener and their Role in Insulin Regulation and Related Metabolic Factors**” funded by International Life Sciences Institute-India. Faculty Member(s): Prof. (Dr.) Pulkit Mathur (Principal Investigator) and Dr. Anjani Bakshi (Co-PI)
- A study on “**Micronutrient Status of COVID-19 Hospitalised patients**” funded by International Life Sciences Institute-India. Faculty Member(s): Dr. Swati Jain (Principal Investigator), Dr. Neha Bakshi, Dr. Kanika Agarwal and Dr. H. Memthoi Devi (Co-PIs).

Seminars/Webinars/Workshops/Conferences/Trainings/Special Lectures

Webinars/ Lectures

Several experts were invited to give talks on contemporary and emerging issues in the field of food science, technology and nutrition. These were attended by not only students from Lady Irwin College but several other colleges across the country. These webinars enriched the coursework and provided students with a platform to interact with national and international experts in the field. The following is a list of webinars held during the academic year:

- ‘**Orientation to Basics of Mentorship Skills**’ by Dr. Renu Kishore (Former Faculty, DU) Dr. Bipin K Tiwary (Associate Professor, DU) on 3rd July 2021.
- ‘**Startups and Business Opportunities in Food Processing Sector**’, by Mr. Arnabb Guha (Founder, Director and Chief Visionary officer, Agri Health Food Startup, NutriHub, IIMR, Ms. Shikha Singh Chauhan and Ms. Somya Singh (Co-founder SOHA Organics) on 21st July 2021.
- ‘**Sustaining Breastfeeding: Challenges and Solutions**’, by Dr. Anita Gupta (CMO (SAG) Department of Community Medicine, UCMS, GTB Hospital, Delhi) on 6th August 2021.
- Webinar on ‘**Food Labelling and Packaging Guidelines for Food industries**’ by Dr. Mamatha Mishra (Food Safety and Nutrition Expert, Founder Green Tick Food Tech Pvt Ltd) and Dr. Subba Rao M Gavaravarapu (Deputy Director and Head Nutrition Information) on 10th September 2021.
- ‘**Networking Food and Nutritional Sciences for innovative Food Technologies**’, by Dr. V. Prakash (FRSC, Former Director of CFTRI) on 15th September 2021.
- ‘**Nutrition Entrepreneurship**’, by Mr. Nikesh Desai (Founder, Dietician Entrepreneurs Academy) on 9th October 2021.
- ‘**Recent Advances in Food Processing**’, by Dr. C. Anandharamkrishnan (Director, NIFTEM, MoFPI, GOI) on 21st October 2021.

- **‘A counselling Session on OBE 2021’** by Ms. Adiba Akram and Ms. Yashmayi Bhoi (B.Sc. Food Technology) on 1st December 2021.
- **‘Getting Ready for the Food Industry’** by Mr. Areeb Irshad (International Certified Career Coach (level-1) on 28th January 2022.
- **‘Weight Management: Evidence based practice and experiences of Dieticians’** a seminar organised along with LICC-FN Professional Chapter on 29th January 2022.
- **‘Overview of Plant Based Beverages’** by Mr. Hemang Dholakia (leader, Processing, Solutions and Equipment, TetraPak SE Asia ltd.) on 4th February 2022.
- **‘Biodiversity of North East India: A special focus on pigmented rice value chain’**, by Ms. Rubeka Idrishi (Research Fellow, IIT- Guwahati) on 8th February 2022.
- **‘Future Prospects and Management of Healthcare Industry in India’**, presented by Ms. Divya Aggarwal (Associate Dean-Admission and Accreditation IIHMR Delhi) and Ms. Shikha Bassi (Programme Manager -Academics IIHMR Delhi) on 19th February 2022.
- **‘NAFLD-Current Insights to Nutritional Approach’** by Dr. Swapna Chaturvedi (Senior Dietician AIIMS) on 19th February 2022.
- **‘Epilepsy-Ketogenic diets’** by Dr. Mala Manral (Senior Dietician AIIMS) on 3rd March 2022.
- **‘Medical Nutrition Therapy for Liver Disease’** by Dr. Namrata Singh (Senior Dietician AIIMS) on 9th March 2022.
- **‘Recent Advances in Prevention and Control of Hepatitis B & C’** in collaboration with Institute of Liver and Biliary Sciences, New Delhi on 12th March 2022.
- **‘Women’s Nutrition- Importance, Challenges and Way Forward’** in Association with PFNDAI on 9th April 2022.

Special Lecture

- **Kamla Puri Sabharwal Memorial Lecture** was delivered by Dr Meera Shekar on **‘Addressing all forms of Malnutrition: Lessons from global experience’** on 12th November 2021.

Skill Development Courses/Trainings

- Skill Development Course on **‘Sensory Evaluation of Food and Beverages’**, in collaboration with Tag taste on 23rd July, 2021 Course Organizers were Dr. Aparna Aggarwal and Dr. H. Memthoi.
- A one-day Course was organized on **‘Hospital Food Delivery System’** on 24th July 2021 with Dr. Kajal Pandya Yeptho, Ph.D., Chief Dietician, Indraprastha Apollo Hospital and Ms. Ritika Samaddar, RD, (Chief Clinical Nutritionist, Regional Head, Dept. of Clinical Nutrition and Dietetics) as resource persons. Course Organizers were Dr. Lalita Verma, Ms. Prachi Shukla, Dr. Neha Bakshi, Dr. Kanika Agarwal and Dr. Poonam Singh.
- A two-day Course was organized on **‘Resume Writing and Excellent Job Interviews’** on 31st July 2021 presented by Ms. Deepti (Vice President, TaskUs) in collaboration with IQAC. Course Organizers were Prof. Priti Rishi Lal and Dr. Kanika Agarwal

- A two-day Course was organized on ‘**Statistical Data Analysis using Software R**’ on 11 and 12th September 2021 with Mr. Kabir Nagpal (Cooperate Professional, Expert Trainer Data Analytics and Machine Learning) as resource person. Course Organizer: Prof. Ravinder Chadha, Dr. Dipesh Agarwal and Dr. Neerja Chawla
- A one-day course was organized on ‘**Online Data Collection and Qualitative Research in Nutrition**’ on 25th September 2021 with Dr. Deepika Bahl (Qualitative Research Associate, PHFI) and Dr. Jaspreet Kaur (Associate Professor, Pearl Academy) as resource persons. Course Organizers were Prof. Manisha Sabharwal, Dr. Swati Jain, Dr. Neha Bakshi and Dr. Anjani Bakshi
- Five-day Value-added course on ‘**Preparation of M.Sc. Food and Nutrition and Food Technology entrance examination**’ with 10 different National and International speakers from 22nd June to 26th June 2021. Course Organizers were Dr. Aparna Aggarwal, Dr. Kanika Agarwal, Dr. H. Memthoi and Dr. Bindu.

Workshops

- A Workshop on ‘**Sensory Evaluation of Food and Beverages**’ on 23rd July, 2021, with Ms. Raj Prity Sabharwal (Head Sensory and Research Tag Taste Foods Pvt. Ltd) as resource person.

Trainings

- PM Formalization of Micro Food Processing Enterprises (PM-FME) Scheme **Online Training for District Level Trainer on Entrepreneurship Development Programme** was organized in September 2021. Prof. Manisha Sabharwal and Dr. Aparna Agarwal were the Nodal Officers, SLTI, and Dr. Nidhi Jaiswal and Dr. Neha Bakshi were the master trainers.
- An online training for **State Level District Training on Bakery and Confectionary ODOP, PMFME Scheme**, in September 2021; Trainer: Dr, Aparna Agarwal, Dr. H Memthoi. Organized by: Department of Food and Nutrition and Food Technology Lady Irwin College, University of Delhi.
- As a **Training Partner for FoSTaC, FSSAI**, trainings were conducted for Basic Manufacturing, Basic and Advanced Catering Level along with special sessions on COVID-19 for various undergraduate and postgraduate students of University of Delhi and other Colleges as well as organisations. There were 2 training courses conducted in all and 51 participants were trained including food handlers from Lal Bahadur Shastri National Academy of Administration.

Internships

M.Sc. (Previous) students underwent one month internship training at Lady Hardinge Medical College and associated Kalawati Saran Children’s hospital, Public Health Foundation of India (PHFI), Hriday, National Centre of Excellence and Advanced Research on Anemia Control, School Health Annual Report Programme (SHARP), Agricultural and Processed Food Products Export Development Authority (APEDA), Food Future Foundation, AMUL (Dudh Mansagar Dairy), Council For Promotion Research and Trade of Traditional Foods during the month of June, 2022 as a part of their curriculum.

A three months internship of PGDDPHN students was organized in various hospitals including branches of BLK-MAX Super Specialty Hospital, Govind Ballabh Pant Hospital, Indra Gandhi Hospital Dwarka, Guru

Teg Bahadur Hospital, Max Super Specialty Hospital (Max Smart Saket, Shalimar Bagh), Lok Nayak Jai Prakash Hospital, Sir Ganga Ram Hospital, Dr. L H Hiranandani Hospital, Mumbai, Maharashtra, Holy Family Hospital, Okhla, New Delhi.

Students of second- and third-year B.Sc. (Hons.) Food Technology underwent one month training at DMS, Mother Dairy, Britannia, Fortis, Bokaro Dairy, Varun Beverages, Jeeto dilli organization and other food industries, and FSSAI.

Field Trips/ Extension Activities

- Ms. Prachi Shukla delivered a talk on **“Fats for healthy heart”** in a webinar on Nutrition and Diet Care organized by Ubuntu Foundation, Goa on 17th July 2021.
- More than 40 Trainings in different food industries as a certified food safety supervisor trainer for **Advance Manufacturing, Milk and Milk products, Street Food Vending etc. under the FoSTaC, FSSAI, Government of India** by Dr. Dipesh Aggarwal.
- A special lecture was presented by Dr. Anjani Bakshi **‘Managing Mind & Body Through Food’** for Lions Club New Delhi Alaknanda members on 12th September 2021.
- Common people were sensitized on nutrition through **“Poshan Ke Anmol Mantra”** activity using social media portals (Instagram and Facebook) between 1-30th September 2021. Teachers involved were Dr. Lalita Verma, Prachi Shukla, Dr. Swati Jain and Dr. Anu Taneja.
- A virtual **Industrial tour was organized to Haldiram’s** for Food technology students on 28th October 2021. Teachers involved Dr. Aparna Agarwal, Dr. H. Memthoi Devi
- Dr. Nidhi Jaiswal spoke on **“Setting up a Home-Based Catering Unit”** on 8th January 2022, to Delhi Lion’s Club members.
- PGDDPHN students along with Dr. Lalita Verma **visited a Primary Health Centre (PHC)** and provided counselling to general public on the topic Maternal and Child Nutrition at Najafgarh, Delhi on 28th February 2022.
- Dr. Lalita Verma presented a webinar on **Post-CoVID Diet and Nutrition** at NSS NSUT West Campus on 1st March 2022.
- A counselling session was organized by M.Sc. Final year students on 4th March 2022 on the topic: **Personal Hygiene and Food Safety during COVID 19 Pandemic** at Cherish canteen staff, Lady Irwin College. The teacher involved was Dr. Anjani Bakshi.
- More than 30 PGDDPHN students along with Dr. Lalita Verma **visited Mid-Day Meal Kitchen** on 18th



May 2022 to provide them with a holistic understanding of food production and distribution.

- To gain practical experience in recipe standardization, scale up and setting up a small business, PGDDPHN students organized a successful **canteen project** on 2th June 2022 with 47.8% profit.



Other Important Events

- A **panel discussion** was organized to celebrate **World Breast Feeding Week** in collaboration with Association of Obstetricians and Gynaecologists of Delhi Outreach Team on ‘Breastfeeding: Myths and Facts’ on 4th August, 2021, with Dr. Achla Batra (President AGOD), Dr. Anupa Siddhu (Director, Lady Irwin College), Dr. Veena Acharya (Former Prof at SMS Medical College and MGM College Jaipur), Dr. Ranjana Sharma (Senior Consultant, Obs and Gyane, Indraprastha, Apollo Hospital), Dr. Anita Sabharwal (Executive, AGOD), Dr. Ravinder Chadha (Professor, Lady Irwin College), Dr. Pooja Raizada (Associate Professor, Lady Irwin College), Dr. Lalita Verma (Associate Professor, Lady Irwin College) as resource persons.
- An **Inter-college e-poster competition** was organized for **celebrating World Breastfeeding Week August 2021**. A total of 37 entries were received from various colleges. Results were declared for first, second and third positions. All valid entries were given certificate of participation
- A **Special Youth Lead Food System Dialogue** on ‘Healthy and Sustainable Meals at School, Colleges or Nursey’ on 10th September 2021, as a presummit event to United Nations Food System Summit 2021 in collaboration with Food Future Foundation.
- In celebration of **National Nutrition Month/ Poshan Maah** various events were organised in the Department - a **recipe contest** on ‘Promoting traditional and indigenous recipes for children’ and a **doodle competition** on ‘Road to good health-Eating healthy and staying fit.’
- ‘**Assessment of Nutrition Status in Children in Dual Nutrition Burden Era**’ lecture on 18th September 2021, presented by Dr. Prema Ramachandran (Director, Nutrition Foundation of India) as a part of **Poshan Maah** Celebration.
- ‘**Integrative Approach to personalized nutrition**’, by Prof. Gurmeet Singh (Prof. & Head Centre



for Biology & Holistic Nutrition, University of Trans disciplinary Health Sciences and Technology) on 30th September 2021.

- **World Food Day** was celebrated with competitions like - CIBUS-E-ART (Art making from food waste), Oh My Veggies (Mocktail recipe from vegetables), Let's Meme It! (Making memes on Nutritional Food vs Junk Food) and webinar on '**Recent Advances in Food Processing**' on 21st October 2021, presented by Dr. C. Anandharamkrishnan (Director, NIFTEM, MoFPI, GOI).
- The Department also bid **farewell** to two Laboratory Assistants - Mr Suberam of the Food Microbiology and Food Safety Lab on 21st December 2021 and Mr Shankar Lal Saini of the Food Product Development Lab on 31st January 2022.
- **Nutrition Awareness Activity** organized in collaboration with PFNDAI in April 2022 with a National level contest for making digital posters on 'Women's health' and 'iron rich' recipes.



DEPARTMENT OF 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 Department through its various activities has developed a multi-faceted understanding of the discipline of human development. It combines theory, practice and research and takes a multi-disciplinary approach in its activities. The research focus of the Department of Human Development and Childhood Studies is on addressing issues arising out of diversity in India. The Department initiates research on disability and gender while recognizing the influences different cultural contexts bring. Our Masters' students were guided to take up independent research and write a dissertation as part of their academic programme. Our students studied the impact of Covid-19 on a wide range of topics that affected children, families and communities. The attempt was to include participants and issues that influence the entire life-span. The areas of research included

gender issues such as gathering perception of men about women's work outside home, impact of the Maternity Benefit Amendment Act and sexual harassment that women face every day.

The students also studied the impact of Covid-19 pandemic on children's play and friendship. There were many studies that studied the



impact of Covid-19 on adolescent lives and how it influenced their sleep patterns, health, wellness, psychological wellbeing and caused stress amongst them. The students also conducted research on how Covid-19 impacted teachers, young adults, medical students, parents and elderly. Thus, a range of issues were studied on sample across the life span to obtain a post pandemic view. Our students also studied families with daughters in the farming communities in Kashmir and thus covered different geographical and cultural locales in our country. The students also studied diversity at workplace by interviewing people from LGBTQIA community and their employers.

Seminars/Conferences/Workshops/Training/Special Lectures/Webinars

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

- A webinar on “Children on the Spectrum: Understanding Autism” by Ms. Jaisika Goel, Founder Crafting Lives on September 6th 2021.
- A webinar on “Designing and Delivering inclusive educational experiences” by Ms. Mahima Bhalla, Learning Support Teachers, The American Embassy School on September 13th 2021.
- A webinar on “Reaching the unreached through effective early intervention” by Ms. Neha Nagpal on December 3rd 2021.
- A webinar on “Counselling and Intervention for Child Development” by Ms. Guntasha Sangla on January 10th 2022.
- Session on Basics of Counselling by Ms. Shruti Pokhriyal, Ph.D. Scholar for Care and Wellbeing across Human Development practical of II Hons. students on January 20th, 2022.
- A webinar on “Family and parent counselling for children’s well being” by Ms. Yashika Malhotra on January 24th 2022.
- A webinar on “Foundation literacy development in early years” by Ms. Tanvi Parwal on January 25th 2022.
- Session on ‘Classroom strategies for working with children with Learning Disability by Ms. Charu Juneja, Special Educator, TGES School, Rajkot for III Hons. students of Childhood Disability and Social Action on January 27th, 2022.
- Hands-on workshop on Mindfulness by certified Mindfulness Coach Dr. Jyotika Taneja for Care and Wellbeing across Human Development practical of II Hons. students on February 3rd, 2022
- A webinar on “Programme planning within the rights framework in context of North East India” by Ms. Kashmiri Boruah on February 9th 2022.



- A workshop on “Paving your way through the unknown” by Ms. Simran Patwa on February 9th 2022.
- A webinar on “Content Development for Children and Media: Contemporary Perspectives and Role of Child Development Professionals” by Ms. Ira Joshi, Assistant Professor, Azim Premji University on February 16th 2022.
- A workshop on “Counselling tweens and teens: Purpose and process” was done by Ms. Manvi Gupta, Co-Founder Parwarish Institute of Parenting on March 4th 2022.
- A workshop was conducted on “Counselling for adolescent’s wellbeing” by Ms. Shreya Bengani on 9th March 2022.
- A webinar was conducted on “Scripting for Children: Structure and Content” by Ms. Nikhita Bhatia, School Readiness Coordinator at CET and Think TV, USA on 17th March 2022.
- Yoga workshop for Care and Wellbeing across Human Development practical of II Hons. students on March 25th, 2022.
- A webinar on “Lived Experiences of Children of Sex Workers” by Ms. Jasleen Kaur on 26th March 2022.
- An online session on “Working in the Field of Education for Systemic Changes” by Ms. Aanchal Chomal on 30th March 2022.
- A session on holistic health by Dr. Bharat Bhushan Sharma, Holistic Healer, Founder BNHH Foundation on 7th April 2022.

Internship

Our Masters’ students did internship in five different organisations (details below) in which they learnt about the different programmes for children:

1. **Kailash Satyarthi Children’s Foundation**-Students were placed in different departments such as their Research Wing in which they had to find and document information about demography, gathering information on district administration officials, health, education, details of child care institutions of different states. Some students worked in Legal Department where they had to document information about child labour and child abuse cases; some students worked in POCSO Department, some in Aid and Assistance Department and some students worked in Raid & Rescue Department to protect children from working in factories in hazardous conditions.
2. **National Human Rights Commission (NHRC)**-Students were assigned with a research project and familiarised and reviewed content relating to Human Rights.
3. **Central Adoption Resource Authority (CARA)**-Students were familiarized with both in-country and inter-country adoption



process and to critically review the case study preparation formats.

4. **National Commission for Protection of Child Rights (NCPCR)**-Students were allowed to see the files of the complaints and the cases received relating to health.

5. **Delhi Commission for Protection of Child Rights (DCPCR)**-They were placed in different units of the commission. They were placed in health & nutrition division, one in right to education section, one in DCPCR Journal and one in Missing Child Unit. They followed up with the Police



-officials/other agencies for Action Taken Report (ATR), drafted letters, reminders and notices to SHOs, CWCs, DDEs etc. Furthermore, they communicated with the respective associated authorities and concerned people.

Field Trips/ Extension Activities

Students visited various institutions and NGOs as a part of their Practical curriculum. They visited the *Parwarish* Institute of Parenting (May 12th, 2022); Magic Bus Foundation (May 26th, 2022); Society for Promotion of Youth and Masses for girls and boys (SPYM, May 19th & June 2nd, 2022); *Prabhav* Foundation (June 9th, 2022) as a part of Development in Adolescence and Youth Practical.

Department's Outreach (Besides Curricular Activities)

Our students visited Raghur Nagar to interact with the community. Students interviewed the local people about their lives, aspirations, facilities and government programs. These visits orient our students to work with the community and develop intervention programmes.

Other Important Events

Women's Day was celebrated in the HDCS department on 8th March '22 under the theme of the year "Gender Equality today for a sustainable Tomorrow". Various events were planned keeping the theme in mind where one could appreciate the women's movement and how gender equality evolved over time through a presentation to students and teachers likewise. Some of the faculty members also shared their personal stories on how they made themselves an equal voice in their households where patriarchy was dominating since ages. Some beautiful songs and thoughtfully composed poems added charm to the overall event.

The staff and students were in the colours of the theme- purple,



green and white and so was the beautiful rangoli. On the whole, the event made an indelible mark on the minds of our students since they all have to be the flag bearers of equality in society. The event ended with a pledge for standing up against any biases, discrimination and stereotypes while imagining a gender equal world.

DEPARTMENT OF FABRIC AND APPAREL SCIENCE

Fabric and Apparel Science is poised to be a leading department offering its students an ideal combination of professionalism for textiles & apparel industry as well as academic excellence. Department is constantly working towards the mission of delivering quality education and generating promising professionals by combining their creative ability.

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 programme has been planned with the following objectives:



- To inculcate a close awareness of current trends, new developments and technological changes in the field of Fabric and Apparel Science.
- To foster appreciation of the traditions and heritage of textiles of the past and draw inspiration for the present.
- To provide depth, scope and professional competence through formal and non-formal education programs for continued professional growth.
- To equip individuals with the knowledge and skills necessary for creative, managerial and technical careers as well as entrepreneurship in the field of textiles and apparel industry.

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. The courses are suitably supported by hands-on experience through practical and research.



Field visits, seminars, workshops, 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, garment industry, research institutes, textile testing organizations, 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. Department enables the students to begin exploring their creativity by enhancing skills beyond the basic level to the level required to excel in the industry.

Research Activities

The Department of Fabric and Apparel Science is actively involved in conducting research activities 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 person with disability, extraction of fibres and dyes from the 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 a vision into the research process.

Webinars/ Conferences/ Workshops/Training/ Special lectures

The Department among various other initiatives for facilitation of cross-fertilization of ideas and thoughts, regularly organises visits/workshops/special lectures for igniting the research acumen of its brilliant and dynamic students, researchers and faculty members, the department took a mitigating action to build up its academic resilience.

Webinars

- The Incharge of the department Dr. Madhuri Nigam organized a webinar on “ Khadi for Nation, Khadi for Fashion” on 1st October,2021 by invited speakers, Ms. Uma Prajapati Haimavati (Founder and Creative director Upasana Auroville and MS. Yogita Singh (Chairperson, Mediworld Educational Society Secretary, Khadi Humara Mantra Foundation).
- Department of Fabric and Apparel Science, Lady Irwin College in collaboration with OGTC, Delhi presented webinar on 1st November, 2021 on “Basics of Production Planning and Control in Garment Industry”.
- Webinar on “Creating meaningful interiors” by Jyoti Sandha and Shreena Vasudeva” Founders-Nohea House of Design was organized on 19th February, 2022.
- Webinar on “Jamdani weaving” was organized on 26th February, 2022 by the department on Microsoft teams as a platform, Sh. Arup Rakshit, Social activist (Handloom sector) and managing director (MG Gramodyog Sewa Sansthan) was the distinguished speaker.
- Webinar on “Fashion Design Portfolio from Industry Perspective” was organized on 21st May, 2022.
- The department organized a webinar on 25th January 2022 on “Design Process: Conception to Consumer” by Ananya Bhardwaj, Sales and Domestic Merchandising representative, Bodice Studio by Ruchika Sachdeva.

Conferences

- The department in collaboration with OGTC organized 16th International Conference on Apparel and Home textiles (ICAHT, 2021 Virtual Conference) on the theme “Accelerating Competitiveness in Post Covid World” on 12th November, 2021.

Workshops

- A training workshop on “Resume and cover letter writing” was organized by department on 18th July 2021 for Masters programme students.
- A training workshop on “Soft Skill Development: Verbal and Non-Verbal Communication” was organized by department on 12th January 2022 through google meet as a platform.
- Department of Fabric and Apparel Science conducted a one day Workshop on “Stress and Anxiety Management” on Wednesday on 19th January, 2022.



- A workshop on “Personal Grooming” was organized by the department on 9th March 2022, in which personal grooming and styling techniques were demonstrated by the invited resource person, Ms.Sahman Kaur, Makeup artist at Blush and Glow by Sahman Kaur.



Special Lectures

- Department of Fabric and Apparel Science organized an Orientation Program for the postgraduate students on 24th December, 2021 facilitated with talk by distinguished invited speakers, Dr.Mona Suri, Dr. Charu Jain and Ms. Ananya Bhardwaj.
- A talk by Dr. Rohini Arora on release of her book ‘Embroidered Narratives of Pahari Embroidery’ organised by TCRC at Dept of FAS, Lady Irwin College.
- All the webinars, special lectures and workshops conducted by the Department were well received and appreciated by the undergraduate and postgraduate students of our college and various other participants from other institutes.

Field Visits

- The department had planned an educational visit to Liva Studio, Noida on 17th May, 2022. The visit was planned in response to the invite received from Liva Studio to attend their First customer meet of FY23 with ‘SS23 Trend presentation cum Seasonal Collection’.
- A Visit to Center of Excellence Apparel Made Ups & Home Furnishing Sector Skill Council (AMHSSC) was planned to introduce students to the Apparel made ups and home furnishing sector.



Internships

With the focus on strong industrial input, the M.Sc. Part – I students went for four weeks internship in various units in Textile and Apparel Industry, Textile Testing Institutes and Museums. The internship programme was designed to give students a wide exposure to various activities conducted in the different departments of the unit like garment printing, digital printing, process of fashion designing, product application and marketing, designing of knitted fabrics and garments, lifestyle products, textile conservation etc. The students were involved in merchandising, supply chain management, working with senior designers in development of ready to wear lines, conserving textiles in crafts museum and learning fabric knitting, processing, finishing and garment manufacturing. Various organizations where students were placed were –

- Paramount Products Private Limited
- Pee Empro Exports Pvt. Ltd

- Orient Fashion Exports Pvt. Ltd
- Crafts Museum
- Shivalik Prints Ltd
- Meenu Creations
- Dimple Creations
- Woven & Knits

DEPARTMENT OF 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 and was later taken over by the University of Delhi. The course was restructured, and the nomenclature Development Communication and Extension came into being in 2007. The department trains students in understanding behavior change communication and developing media and methodologies for the same. The curriculum is designed to build theoretical and conceptual understanding along with practical skills in participatory methods and techniques. Students are oriented to issues and techniques of advocacy as well as training in methodologies for capacity building and skill development of different stakeholder groups. One of the pillars of the department is its strong extension programme and over the years the department has evolved a multi-faceted experiential learning and holistic



training to the students to address the larger issues of different communities. Field experiences are provided to students in diverse ways which include- concurrent field work in urban and rural communities, month long placement in development organizations, Government departments and or corporate organizations. For undertaking its extension and concurrent activities the department collaborates with several agencies. Synergy of different organizations strengthens the community activities as well as provides a broad-based exposure to students to the agencies and issues involved in development.

The key thrust areas of the department are thus:

- Social & Behaviour Change Communication
- Community Organisation and Participatory Development
- Gender and Development
- Advocacy for Health, Environment and Well-Being
- Training and Capacity Building
- Research-qualitative and quantitative approaches
- Monitoring & Evaluation
- Fundraising & Resource Mobilization
- Corporate Social Responsibility



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 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 endeavored to explore participatory methodologies and innovative techniques in research. During the pandemic, department organized various online sessions on research methodologies and other key thrust areas.

Seminars / Conferences / Workshops / Training

- The Election Commission of India organized a '**National Voter Awareness Contest**' in collaboration with the Department of Development Communication & Extension, Lady Irwin College. Slogan and Poster making competition was held in the Department. Both Undergraduate and Postgraduate students participated in large numbers.
- Online session on '**Standup Against Street Harassment in association with Breakthrough organization**' was conducted on: 2nd & 3rd July, 2021. Speaker of the session was Ms. Shilpy Singh from Breakthrough.
- A session on '**Introduction to International Postgraduate Programmes at Ohio University**' was conducted by Prof. Saumya Pant, Director, Communication and Development Studies on 16th February 2022.

Webinars

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

- **Department of Development Communication and Extension in collaboration with the Constellation, Evaluation Community of India and Asia-Pacific Evaluation Association** hosted a webinar on co-creating Knowledge on SALT: Participatory Tool for Evaluation on 29th October 2021 by Ms. Ritu B. Nanda, Community & Evaluation Facilitator.
- **Ensuring Responsible Outcomes from Technology Lecture Series:** Communication for Social Change hosted a webinar on November 11th, 2021. Speaker was Dr. Aaditeshwar Seth, Co-founder, Gram Vaani & Associate Professor, IIT-Delhi.
- **Centre for Social Change with collaboration with Department of Development Communication & Extension** organized a webinar with experts to learn about Fundraising in the current scenario on 28th January, 2022. The experts for the webinar were Dr. Bani Bora, Founding Director, Centre for Social Change, Kunal Verma, CEO, Centre for Fundraising, Tito Chandy and department faculty.
- **Social and Behaviour Change Communication: Menstrual Hygiene Management:** The department hosted a webinar on 10th February 2022. Speaker was Dr. Alka Malhotra, SBCC Expert, UNICEF, Former Alumna, DCE Department.
- **A book Discussion by Shashi Deshpande was organized by Women Power Connect** in collaboration with the Department of Development Communication and Extension on 12th March 2022. The session was moderated by Ms. Parwati Sharma and department students and faculty.
- **Research in Corporate Communication and Public Relations webinar** was conducted on April 8th, 2022 by Dr. Kulveen Trehan, Professor, University School of Mass Communication, Guru Gobind Singh Indraprastha University, Govt of Delhi.



All the webinars conducted by the Department were well received and appreciated by the undergraduate and postgraduate students of the college and various other participants. Other participants who joined these webinars, were from different colleges and institutes across India.

Lectures by Eminent Speakers

- **Health, Nutrition and Wellness Series under the aegis of IQAC, Lady Irwin College** was organised on Poshan Abhiyaan and FNHW integration in



Community Led Development on 21st February, 2022 by Ms. Vasudha Shukla, National Mission Manager of Deendayal Antyodaya Yojana- National Rural Livelihoods Mission (DAY-NRLM).

- **Lecture Series on Health, Nutrition and Wellness Series under the aegis of IQAC** was organized on Strength & Wellness with Holistic Yoga on 22nd February, 2022 by Aditi Uppal, Hatha and Ashtanga Vinyasa teacher certified by Yoga Alliance.
- **Health, Nutrition and Wellness Series under the aegis of IQAC, Lady Irwin College** was organized on 'Revolutionizing Health Care Systems- Scope and Opportunities' on: 16 March 2022 by the Speaker- Mr. Shaleen Mitra, Secretary to the Minister of Health and Urban Development, Government of NCT of Delhi.
- **Lecture Series on Environment & Climate Change Communication 2022** was organized on the story of E-waste in India by Ms. Priti Mahesh, Chief Program Coordinator, Toxics Link. The date of lecture was 7th February 2022.
- **Lecture Series on Environment & Climate Change Communication 2022** was organized in the department on Importance of Intellectual Property Rights (IPR) in Indian Perspective. The lecture was with Prof. Ganesh Hingmire on 11th March 2022.
- **Health, Nutrition and Wellness Series under the aegis of IQAC, Lady Irwin College** was organized on Public Health aspects of Lifestyle related disorders: Awareness Building to Service Delivery on 14th March, 2022 by the speaker Dr. Amrita Misra, Director, Health and Nutrition, PCI.



Internships

Post graduate students carried out their summer internships during June-July 2022 in different development, media and corporate organizations. Some of the organizations that they worked with were PVR Nest, WPC, Seva Mandir, Gravis, Havells India Limited, Triune Digital Security Corporate LLP, NCPEDP and FIFE. Several undergraduate students specializing in Development Communication and Extension also took up internships in development organizations and media houses.

Other Important Events

57th Foundation Day Celebrations “Imbuing Interactions” was conducted on September 17th, 2021 with more than 200 participants. The speakers for this event were Ms. Bharti Kalra, Dr Shilpa Sharma, Ms Tanvi Arora, Ms Deepshikha Sharma, Ms Medha Kalsi. Reminiscing with retired faculty of the department.

Virtual Mela

Keeping the pandemic in mind and not compromising with one of the most cherished events of the department, undergraduate students along with the faculty members organized a virtual contact programme and the annual “Yuva Shakti Mela” which was organized in an online mode this year. Students developed information kiosks based on a development issue with the prime objective to create awareness among

their learners and sensitize them to take adequate actions to improve their quality of life. The Virtual Yuva Shakti Mela was organized by using ICT technologies virtually. The primary audiences for the mela were the learners of the 'Each One Teach One' programme of the III-year (Pass) and (Hons) students. Post Graduate students of the Department also participated in the activity along with the NSS team of the college. The stalls prepared under the YSM kit were well appreciated by the special guests and learners.

DEPARTMENT OF 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 focuses on management of various resources, i.e., human, material and natural. Management of these resources is integrated with design functions. The curriculum not only includes creating design for spaces, products and services but also analyzing and evaluating design with respect to human well-being, health, happiness and 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. Dissertations, seminar, internship and placement are essential components of the programme.

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. Master's students are guided to take up independent research including primary and secondary data collection; they also write a dissertation as part of their academic programme. The Department strives to explore participatory methodologies and innovative techniques in research.

Seminars/ Webinars / Conferences / Workshops/ Training / Special Lecture

During the blended mode, the department of RMDA hosted a series of webinars covering environmental, social and design related topics. Some webinars were organized online via Microsoft teams, Zoom and Google Meet, others were planned offline on college campus. Some of the webinars organized during 2021-22 were:

- Webinar on **‘Gaps and bridges in CSR’**, Resource person: Ms. Gayatri Subramaniam, Director, Association of Women in Business, Former Chief Programme Executive, Indian Institute of Corporate Affairs, Ministry of Corporate Affairs, Government of India, 6th July’ 2021.
- Webinar on **‘Entrepreneurship: Focus on Start-ups’**, organized on 13th July’ 2021. Dr. Divya Rajput, Director, Association of Women in Business was the resource person.
- Webinar on **‘Six Sigma’** organized on September 11, 2021. Ms. Gowthami R (Senior Manager, Service Excellence, EY GBS) was the keynote speaker.
- Webinar series on **‘Sustainable Development: Technologies, Policies and Practices’**, organized from September – November, 2021. Mr. Dr. A. K. Tripathi, Former Director General, NISE, Government of India was the keynote speaker. The series includes 6 lectures on various topics covering solar rooftop system, energy efficient green building, solar water pumps, solar parks, etc.
- **‘Workshop on Floor plan Rendering’** organized on February 26, 2022. Ms. Rashi Chadhha (Interior Designer, R Creations) was the resource person.
- **Training for International Ability Competition** - The department of RMDA in collaborating with SARTHAK EDUCATIONAL



TRUST is coordinating a trainers program for training people with disabilities for International Abilympics. Department faculty members and Research scholars are actively involved in the training programme.

- **'Connect4Climate' and 'Wildlife Mania'** on the occasion of 'International Day of Climate Action' and 'National Wildlife Week', were organized by B.Sc III Yr Pass (SEC) students. The event witnessed participation from students from schools, colleges and universities across the country.
- Department faculty instituted the college as Skill Hub Centre and undertook Training Programme on **Paper Bag Maker, A Skill Hub Initiative (PMKVY 3.0)**, Ministry of Skill Development and Entrepreneurship, National Skill Development Corporation, supported by M3M Foundation (March-April, 2022).
- Project on **paper recycling with "Jaagruti – Waste Paper Recycling Services"** for managing college's paper waste. All the used paper of college is sent for recycling into useful products like notepads for use by college staff and students.
- Department faculty (Environment Management and Sustainable Development specialization) took initiative for getting the preliminary registration done under **LEED green building rating system** for the college. Efforts are on in getting the college certified under the same.
- Department faculty was instrumental in preparing sustainability report of college under Swachhta Action Plan 2021-22, under Mahatama Gandhi National Council of Rural Education, Department of Higher Education, Ministry of Education, Government of India.



Department Events

Design Innovation Center, Lady Irwin College

Design Innovation Centre, Lady Irwin College (SPOKE of Design Innovation Centre, University of Delhi) is supported by NIDI (National Initiative for Design Innovation Scheme), Ministry of Human Resource Development (MHRD). Various workshops were organized by DIC - Interiorscaping (June 5-12, 2021), Intellectual Property Rights (Oct 21, 2021), Patent Drafting, filing & prosecution in India and Globally (June 17, 2022). Two value addition short courses were also organized on Google Sketchup (July 28 – Aug 20, 2021) and Design for Social Sustainability (Jan 16 – Feb 27, 2022). DIC was also part of training for National ToyCathon 2022, Prototyping of concepts and International Abilympics France 2023. DIC also initiated internships for various students for a period of 6 months during this time.

National Innovation Week

National Innovation Week was organized by the department from February 16-22, 2022 in online mode.

Eminent speakers from various backgrounds conducted talks and workshops with focus on new approaches to design thinking. Speakers for the event included Ms. Manisha Singh (Principal Designer, wowfactor.in), Ms. Manjari Sharma (Freelance Consultant & Designer), Mr. Balvir Singh (Director, Murti Arts Academy), Mr. C.S. Sussanth (Principle Designer, NID Bangalore), Ms. Vertica Dvivedi (Editor-in-chief, SURFACES reporter, Founder WADE ASIA), Mr. Amit Jain (Co-Founder, Mitti ke Rang), Dr. Madhumita Puri (Founder Avacayam and Trash to Cash) and Mr. Vivek Singh (IP Attorney, Sagaccious IP).

15th Annual Task force Meet

The Department of RMDA, Lady Irwin College, University of Delhi convened the 15th Task force meet on 12th April, 2022 and 30th June, 2022 respectively using online platform i.e., Google meet. The task force members included eminent experts from government and professional industry specializing in sustainable habitat, product design, green buildings, space planning and environment management. Members of the task force often provide support in transaction of the curriculum, organizing special lectures and symposia, undertaking projects and research, mentoring for internships and placements.



15th Annual Symposium

Department of RMDA, University of Delhi in collaboration with Michigan State University, USA convened the 15th Annual Symposium on *Green Energy and Sustainable Habitat: Policies and Prospects* on 29th June, 2022 using online platform i.e., Microsoft Teams with support from Energy Efficiency Services Ltd. (a Joint Venture of four reputed public- sector undertakings NTPC Limited, Power Finance Corporation Limited, REC Limited and POWERGRID Corporation of India Limited) and Net Zero Goal. Eminent speakers from government and industry shared their insights on the theme.

Segregation of Organic waste for Recycling and Treatment (SORT) Phase II Project

Department of RMDA 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. Masters' students worked on this project as part of their curriculum. All the biodegradable waste of college is fed to the Aerobins to be converted to organic manure, used for maintaining college landscape.

Internships

Post graduate students carried out their summer internships during June - August 2020 in different organizations related to product development, capacity building and sustainable environment. Some of the organisations that students were placed at were SR Asia, World Meister Editorial Service, Sehgal foundation, Indian Pollution Control Association, Chapter 2 Events, The BEEHIVE India, RTA Design Pvt, Ltd, Indian

Green Building Council and IECEI. Later in the semester the students presented their work experience and learning outcomes before the faculty and personnel from these organizations.

Other Department Events

Department Founder's Day

57th Foundation day was organized in the online mode by Department of RMDA on 18th September 2021 in the department. Event started with invocation and lamp lighting. Head of the department, Prof. Sushma Goel, opened the session and gave an overview of the department covering the academic programme & activities (such as annual activities, experiential training by internships and research; and other thrust areas). This was



followed by the welcome address by Dr. Anupa Siddhu, (college director) who addressed the students, faculty, alumnae and guests. The event was graced by department's former faculty members who shared their memories and experience associated with the department.

Sustainability Week Celebration

The department of RMDA collaborated with Prem Jain Memorial Trust to celebrate Harit Prem Bharat Mahotsav from 23rd January – 29th January 2022. Students from Undergraduate and Post graduate participated in the events like Recycled Mask Design, Green Photography, Reel on Sustainability and Virtual Run. The events were conducted online and were widely publicized through email, Facebook, Instagram and Whatsapp. The results of the competitions were announced on 27th January 2022 during the 4th Prem Jain Memorial Address. E-certificates and cash prizes were given to all the winners.

Celebration of World's Environment Day

Department of RMDA celebrated World Environment Day on 5th June 2022. A plantation drive and other events were organized on the occasion of World Environment Day wherein the students and faculty across colleges in Delhi and outside were encouraged to participate.

Visits/ Extension activities

Students of M.Sc. Previous went for field visits to Dilli Haat and Crafts Museum in Delhi as part of their curriculum to understand the community extension and outreach. They observed the structure of the buildings and studied the design display by the artisans.

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 faculty from various disciplines: Botany, Biomedical Sciences, Chemistry, Environmental Science, Horticulture, Molecular Biology, Physics, Zoology etc. Department of Science has interdisciplinary approach, it is 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, debate competitions, webinars, slogan writing and



photography competitions, plantations, conservation of environment activities, field visits, Eco Club activities, quizzes etc.

Conferences, Seminars, Workshops, Lectures and Webinars Held

The Department under Dr. Kalam Series on Science and Environment organised the following webinars and activities:

- Webinar titled “**Spectroscopy and its applications**” by Prof. Alka Gupta, Department of Chemistry, Dyal Singh College on 14th August, 2021
- Annual Inter collegiate essay competition on the topic “**Space tourism: A new era of space travel**” in the month of September 2021
- Webinar titled “**Climate crisis and impact on urban biodiversity**” by Dr Robin Suyash, Department of Environment Studies, Sri Venkateshwara College on 4th October, 2021
- Webinar titled “**A travel and travelers Perspective on biodiversity and natural landscapes of India**” by Mr. Kumar Bharat, Founder Glory trip, on 8th October, 2021
- Webinar titled “**Advancement and realistic applications in Nanotechnology**” by Dr. Avshish Tyagi, Amity Institute of Advanced Research and Studies (Materials and Devices), on 28th February 2022
- Online slogan writing and photography competition on the theme “**Only One Earth**” on 5th June, 2022



Research Activities of the Department

The Department of Science is committed to conduct research-based activities for the benefit of the students and academia as whole. The activities include, interdisciplinary research covering varied dimensions from all the core subjects like physics, chemistry, botany, zoology and environmental sciences. The faculty is guiding students working in different areas of research like studies of physicochemical properties of honey, vitamin C analysis etc. under the DBT star program. The other domains of research include studies on birds, urban ecosystems and food habitat sustainability, long-term population dynamics of water bird communities and climate change, macro fauna diversity in agricultural soil for sustainable production of food, availability of food commodities through urban agricultural practices and impact of polluted Yamuna water on the agricultural practices performed by the farming community. The faculty members have also worked on molecular docking and MD simulations of different drug molecules on viruses. They have been

involved in introducing students to scientific writing for research journals and encouraging them to write research papers.

Other Departmental Activities

Plantation Drive 2021

To save environment, Department of Science successfully started a plantation drive in the college entitled “**Each one plant one**” on 19th August, 2021.

Kalam Series on Science and Environment 2021

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. The Department successfully organised an annual essay competition on the topic “**Space tourism: A new era of space travel**” in September 2021. Many students (undergraduate and post-graduate) from different colleges participated. **National wildlife week, 2021** was also celebrated by organising number of webinars on the relevant topics.



Baisakhi Celebration

Like every year, Department of Science celebrated Baisakhi in April 2022 following Covid-19 protocols.

‘Save Soil’ awareness

A campaign on importance of soil health and its conservation, **SAVE SOIL** was conducted on 4th May 2022. The program is an initiative of ‘*Isha Foundation*’. Students of the college participated in poster making and slogan writing competition.

Nutrition garden at Lady Irwin College

The college has rich diversity of flora. The students are educated to value the plants and are involved in multiplication of plants. Fruits and vegetables are very important part of the rich diversity of the college. The Department of Science created a video to showcase the nutrition garden in the college. The foundational principle behind the nutrition garden is to complement the classroom teaching in natural sciences.

DEPARTMENT OF SCIENCE
LADY IRWIN COLLEGE, UNIVERSITY OF DELHI
Invites you to a Webinar with
Dr. Alka Gupta, Professor, Department of Chemistry
Dyal Singh College, University of Delhi
Spectroscopy and its Applications
Date: 14th August, 2021
Time: 4:00 pm to 5:00 pm
E-certificates will be provided after successfully filling the feedback form. Please click on the following link to
DEPARTMENT OF SCIENCE
LADY IRWIN COLLEGE, UNIVERSITY OF DELHI, NEW DELHI
Invites you for a webinar to celebrate National Science Day 2022
Advancement and realistic applications in Nanotechnology
Date: 28th February, 2022 Time: 2:10 pm to 3:10 pm
Invited Speaker: **Dr. Avishik Kumar**
AMITY INSTITUTE OF ADVANCED RESEARCH & STUDIES (MATERIALS & DEVICES)
AMITY INSTITUTE OF RENEWABLE AND ALTERNATIVE ENERGY
Organizing Committee
Patron: **Dr. Anupa Siddhu, Director**
Advisor: **Dr. Ramesha Gupta**
Convener: **Dr. Riya Upadhyay**
Co-ordinators: **Dr. Anjali Shrivastav, Dr. Sweeti Raman**
Members: **Dr. Nancy Raina, Mr. Vinay Krishna & Mr. Rajeev Daryal**
E-certificates will be provided to all the participants. Please click on the following link to register.
<https://forms.gle/4N9P3AG0N4G2w64A>
Zoom: Google meet

National Science Day Celebration, 28th February 2022

The Department of Science celebrated National Science Day on 28th February, 2022 with great enthusiasm by organising a talk by Dr. Avshish Tyagi, Amity Institute of Advanced Research and Studies (Materials and Devices), on “**Advancement and realistic applications in Nanotechnology**” in a blended mode on 28th February 2022.

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.



FACULTY ACHIEVEMENTS

