



ANNUAL REPORT

July 2021 – June 2022

1. ABOUT THE COLLEGE

The Institute of Home Economics (IHE) is a constituent college of the University of Delhi. Situated in the heart of South Delhi, it is a premier institute imparting education to women. Established in the year 1961 by Dr. (Mrs.) Surjit Malhan, with a two-year diploma course in Home Science, it became a part of the University of Delhi in 1969. The college celebrated its Silver Jubilee in 1986 and the foundation stone of the new building was laid in 1987 by the then President Giani Zail Singh. In 2011, the college celebrated its Golden Jubilee with a series of national workshops, seminars, and an oration by former President Dr. APJ Abdul Kalam. Over the years, the Institute has grown tremendously. Beginning with just 80 students, today it has a strength of 1900 students, tutored by almost 100 faculty members and supported by about 125 non-teaching, administrative and auxiliary staff. The college offers a bouquet of courses, including seven undergraduate courses in Home Science (Pass and Hons), Microbiology, Biochemistry, Food Technology, Journalism and Elementary Education and four post-graduate programmes in the domains of Food and Nutrition, as well as Fabric and Apparel Science. The college also offers a Ph.D. programme in Home Science. Of the many achievements of the college, the most important ones during the last few years include NAAC 'A' certification, FIST Grant (2016-2021) from the Department of Science and Technology and Star College Scheme Grant from the Department of Biotechnology.

Despite facing the challenges imposed by the COVID-19 pandemic in the year 2021-22, Institute of Home Economics conducted several activities, such as webinars, workshops, trainings, competitions, internships, visits etc. throughout the year besides regular academic activities. Eminent educationists, practitioners, government officers, heads of organisations were invited to interact with students and staff in both online and offline mode. A number of International and National days like International Cancer Day, World Malaria Day, International Literacy Day, *Hindi Diwas*, National Nutrition Month, *Poshan Pakhwada*, World Food Day, International Women's Day, Children's Day, International Day for Disaster Reduction, etc. were celebrated by organizing various activities. Certificate courses on "The Art and Techniques of Podcasting", "Understanding Learning Disabilities" and "Event Management" in blended/offline mode were also organized.

The Annual Cultural Fest, FERIA-2022 was a three-day event held in a dual mode in which competitions such as creative writing, poetry, debate, treasure hunt, fashion show, business plan presentation, classical

and western dance, mime making, singing and calligraphy etc. were organized. The college also celebrated *Azadi ka Amrit Mahotsav* by hosting various events and webinars with great enthusiasm.

The college took many initiatives to develop new ways of making the campus eco-friendly. In order to reduce its carbon footprint and become more ecologically conscious, the college has installed 22 solar lights on its campus as a sustainable alternative to standard street lights. The college has also greatly improved its green cover by increasing the quantity of potted plants, constructing a herb garden, and establishing its own seed bank. On campus, there are over 100 plant species, including 16 types of medicinal herbs. The institutional success story of the Institute of Home Economics was showcased in the monthly *Swachhta* Action Plan Implementation Program of February 2022, organized by Mahatma Gandhi National Council of Rural Education, Hyderabad. The college was recognized for its successful implementation of Project "SORT: Segregation of Organic Waste for its Treatment & Recycling Phase II" and active participation in the nation-wide campaign, '*Nadi ko Jano*' - Know Your Rivers Campaign. It also received recognition from the NGO '*Umeed - A Drop of Home*' for participation in Stationary Donation drive conducted by NSS-IHE volunteers.

The students of the college participated in an International Exchange event titled "Let's Talk Together! SDGs through International Exchange - Think, Discuss & Act Globally". They created and presented a documentary titled 'Hunger - A Lost War?' and Team India comprising of our students won the "Best Presentation Award" at the event.

Under the *Vidya Vistar* scheme of the University, the Institute of Home Economics has signed an MOU with Government Zirtiri Residential Science College, Aizawl, Mizoram.

Infrastructural Facilities

The impressive infrastructural facilities of the Institute include state-of-art laboratories and lecture theatres, computer laboratories, a well-stocked computerized library, an audio studio, and an amphitheatre. The Departments have sophisticated laboratories with the advanced equipment and tools. The aim is to provide both theoretical and practical hands-on training to students. The entire college campus is wi-fi enabled making it possible for all to access information and data readily. Every department has its own computers and LCD projectors.

The computer laboratories are the college's pride. There are two such laboratories for students and one exclusively for faculty. The computer workstations are well-designed, and computers are well stocked with

software such as Auto-Cad, 3Ds-Max, etc. There are many undergraduate and postgraduate classes that require the use of computer and the classes are held in the computer lab.

The Institute of Home Economics Library is the hub of information helping the Institute in its attempt to provide quality knowledge and intensive education to its students. It actively supports the teaching learning and research activities of the Institute by constantly upgrading its digital and print resources. At present the library has a collection of over 22,738 resource materials which includes textbooks, reference books, thesis, and back volumes of journals, etc. It caters to the needs of over 1500 students, research scholars and faculty members. The library circulation services are fully automated using KOHA software. The library has two reading halls with a seating capacity of eighty students.

During the financial year 2021-2022, the library acquired 111 new books worth Rs. 1,14,658. In addition to books, the library also provides e-resources to its faculty members, research scholars and students which are subscribed by Delhi University Library System (DULS). E-resources include e-databases, e-books, e-journals subscribed by DULS and e-*Shodh Sindhu*. College also has a subscription to N-LIST. Library provides remote access service to its faculty members, research scholars and post-graduate students (DULS remote access platform). Library orientation programs were organized for the first and second-year students in online and physical mode to acquaint the students with library resources. M.Sc. students were also oriented to accessing e-resources subscribed by DULS. In the past one year, library has been providing plagiarism check services to faculty members and research scholars using Ouriginal (Urkund).

Another exclusive facility is the impressive state-of-the-art studio for audio recording, which is housed in two sound-proof rooms equipped with 16 channel analog studio mixer, dynamic microphones, audio-monitor, speakers, and two track sound cards. The recording and editing of radio programmes, films, and documentaries is also undertaken in the studio using cutting-edge software such as Nuendo, Adobe Premiere, and others.

In order to encourage overall growth and physical development of its students, the college has an air-conditioned gymnasium, well equipped with the latest equipments such a four-station gym, cross trainer, sports treadmills, steppers, rowing machine, leg exerciser, height and weight scale, gym balls and weight section. The Institute also has table tennis facilities, two halls for sports multipurpose activities, basketball, and badminton courts.

Furthermore, a spacious seminar room with the latest audio-visual facilities is also available for the conduct of conferences and workshops.

The faculty at IHE has been actively engaged in more than 70 multi-disciplinary research projects till date, funded by national and international agencies such as UNDP, Wellcome Trust, Medical Research Council, UK; British Council, New Zealand Research Council, DST, DBT, ICMR, UGC, World Bank, ICSSR, Tata Trust and University of Delhi. Some of the significant areas of research have been management of non-communicable diseases, adult and child nutrition, climate change, poverty, gender, adolescent health and geriatric nutrition thereby offering newer perspectives to problems while suggesting correctives at the level of policy making and practice.

The faculty actively publishes research papers in peer reviewed journals, and has till date authored more than 300 papers, close to 37 books and 90 book chapters. To meet the contemporary needs of the digitizing world, many faculty members are involved in e-content development. The college is firmly committed to creating an interface between academics, research, and the community. Every course offered at the college has a component of extension activities carried out in the form of public campaigns, collaborations with organizations, advocacy, and product development. To give a boost to women empowerment, the college is actively involved in nutrition education through community outreach programme in the poor communities, each-one-teach-one literacy program and digital literacy program for young girls and women. In addition, the college has a very active NSS unit which engages in community activities including plantation drives, activities under *Swaccha Bharat*, blood donation, clothes donation and feeding the underprivileged through community kitchens to name a few. All these activities enable the students to develop a sense of social responsibility. Several alumni of the college are placed in very good positions as nutritionists, dieticians, development practitioners, educationists, researchers, counsellors, designers and merchandisers.

The college continues to redefine and reinvent its role in imparting education to women to meet the challenges of a globalized world. It strives to cultivate a scientific temperament with a strong focus on research culture and aptitude among its students, and aims to provide students with a repertoire of knowledge and skills that will help them to develop as professionals.

The Star College: The Star College Scheme was launched by the DBT in 2008 to improve the physical infrastructure and teaching learning process in colleges and universities offering under graduation in science stream for their academic excellence. The scheme was aimed to instil critical thinking through experimental activities and encourage more and more students to take sciences in their higher education.

The objectives outlined in the 'Star College Scheme' serve the twin objectives of enrichment of the academic skills and inculcation of the temperament for research enabling the undergraduate students to take up research projects.

The college became part of the Star college scheme in 2017 with the following major objectives:

- To augment the Curriculum with add-on practical sessions in the respective areas to abreast the students with latest procedures and techniques.
- To inculcate critical thinking with high academic & professional standards for intellectual & professional development.
- To inculcate scientific temperament and research culture for holistic development of the students.
- To create an interface between academics, research institutes and industries for one-to-one interaction among the experts, faculty and the students.
- To augment/enhance knowledge of faculty and lab staff through training programs.
- To have better infrastructure and lab facilities with latest equipment for effective practical demonstrations, teaching- learning process & research

The four departments of the college, i.e., Microbiology, Biochemistry, Food & Nutrition and Food Technology (FNFT), and Fabric and Apparel Science (FAS) that are part of the scheme tried to accomplish these objectivities through a plethora of activities in the year 2021-22. Under the aegis of 'DBT Star College Scheme', various seminar and talks were conducted on public health, technology and sustainability. Webinars by eminent scientists were arranged on important days like on 'International Microorganism Day'. Talks were given on 'Challenges of Addressing AMR' by Prof. J.S. Viridi, Former Professor, Department of Microbiology, UDSC and on 'The Unmatched Power of Microorganisms: An Ode to the Unseen Heroes' by Prof. Shilpi Sharma, Department of Biochemical Engineering & Biotechnology, IIT-Delhi. The 'International Women's Day' was celebrated by increasing awareness of students on reproductive health through a talk given by Dr. Anshu Sharma. A quiz was also organized for the students by National Centre for Disease Control. Webinars were organized on current topics including "Probiotics: Alternative Medicines or Evidences Based Alternatives?" by Prof. Colin Hill, University College Cork, Ireland, and on "Probiotics and Prebiotics: Who Are They? What Do They Do?" by Prof. Bruno Pot, Visiting Faculty, Vrije Univrsiteit Brussel, Belgium, "Protective Clothing for Workers in Cement Industry" by Ms. Shweta Saxena, NITRA-Ghaziabad, "Innovating Technical and Traditional Textiles" by Prof. Somesh Singh, Co-Founder of Craft Village, Alumni of NIFT, Gandhinagar and Former Director & Member-Board of Governors of Institute of Apparel Management, "Innovative Technologies in Apparel Sector in Current Context" by Mrs. Girija Jha, Associate Professor, Department of Fashion Technology,

NIFT-Delhi. Introduction to BioNEST-UDSC and Bio-Entrepreneurship was given by Vijay Kantharia, CEO, BioNEST-UDSC. In collaboration with Department of Promotion of Industry and Internal Trade, an ‘IPR Awareness Programme’ was conducted by Ms. Tripti Pandey, Examiner of Patents and Design. Interaction with the alumni was arranged to share their success stories and for career counseling of current students. They also gave a talk on their ongoing research work viz. “Studying Principles of Tissue Morphogenesis” by Dr. Akankshi Munjal, Incoming Assistant Professor, Duke University, USA, “Targeting Teiomerase Promoter-Potential Achille’s Heel in Cancer” by Dr. Shalu Sharma, “Next Era in Infectious Disease Management - Changing Landscape of Medical Technologies and Public Health” by Dr. Priyanka Bajaj, Manager - Health and Innovation Impact Lab and “My Journey in Translational Research - Addressing the Challenges of Tuberculosis Diagnosis” by Dr. Sagarika Haldar, Assistant Professor, PGIMER, Chandigarh. Online and community outreach Workshops were organized on “Shades of Yellow with Natural Dyes”, “Innovative Hacks of Denim”, and ‘Crochet for Skill Upgradation of Marginalized Women’.

FIST Grant: “Fund for Improvement of S & T Infrastructure in Universities and Higher Educational Institutions (FIST)” GRANT

The Institute of Home Economics was awarded the FIST Grant by the Department of Science and Technology in December 2016 under which a grant of Rs 110 lakh was sanctioned for strengthening the teaching and research facilities in the Science departments of the college. The Grant included funds for Equipment (Rs 92 lakhs), Networking facilities (Rs 7 lakhs), Books (Rs 3 lakhs), E-learning Room (Rs 5 lakhs) and Maintenance (Rs 3 lakhs). An advance of Rs 92 lakhs was received by the College in September 2017.

Scientific Equipment for Research and Development acquired from the FIST Grant: The instruments purchased from the FIST grant for enhancing the research and teaching-learning at UG and PG level have been installed and are being utilized for various science courses with scientific experiments in the curriculum such as B.Sc. (Hons.) Food Technology, B.Sc. (Hons.) Microbiology and B.Sc. (Hons.) Biochemistry and for Ph.D. research. Instruments such as High-Performance Liquid Chromatography (HPLC), Lovibond Tintometer, UV-VIS Spectrophotometer, Rotary Evaporator and Water Activity Meter have been installed and are being utilized in the laboratory for conducting practicals of various courses.

E-Learning Facility: E-learning facilities with digital podium, computers and projectors have been created and utilized to conduct various seminars and webinars by the departments of the college. Networking facilities giving access to students have been strengthened with the purchase of additional computers. The library has also benefitted with the purchase of books used for teaching these subjects.

2. ACHIEVEMENTS OF FACULTY

2.1 Awards/Fellowships Received by Faculty

Year of Award	Name and Designation of Faculty	Name of the Award/Fellowship	State/National/International
2022-24	Prof. (Dr.) Geeta Trilok-Kumar Director	Fellow, Delhi School of Public Health, Institute of Eminence (IoE), University of Delhi	State
2021	Prof. (Dr.) Geeta Trilok-Kumar Director	Special Appreciation Award by the University of Delhi in the 'College Principals in Service' category	State
2018–23	Prof. (Dr.) Geeta Trilok-Kumar Director	Wellcome Trust-DBT Senior Research Fellowship in Public Health	International
2022	Dr. Seema Puri Associate Professor	Nutrition Leadership Excellence Award by NIFTEM and Ministry of Food Processing, Government of India	National
2021	Dr. Seema Puri Associate Professor	11 th Rajammal P Devadas Memorial Award by the Nutrition Society of India	National
2021	Dr. Sunita Aggarwal Associate Professor	Best Teacher Award (Delhi State) by the Microbiologists Society, India	State

2.2 Research Projects

Title of the Project	Name of PI/Co-PI	Duration	Name of Funding Agency	Total Grant Sanctioned (Rs.)	Department
Long-term health after severe acute malnutrition (SAM): the role of the Pancreas (SAMPA)	Prof. (Dr.) Geeta Trilok-Kumar	3 years (2021 - 2024)	Medical Research Council, Global Health Nutrition, UK	149.2898 lakhs	Director
To improve understanding of interactions among intra-uterine growth retardation, early growth, gut permeability, body fat and risk of chronic disease in low birth children	Prof. (Dr.) Geeta Trilok-Kumar	5 years (2018 - 2023/24)	The Wellcome Trust UK/ DBT India Alliance	429.2197 lakhs	Director

Healthy Birth, Growth and Development Knowledge Integration (HBGDKI) Initiative	Prof. (Dr.) Geeta Trilok-Kumar	5 years (2019-)	Bill and Melinda Gates Foundation (BMGF) through Biotechnology Industry Research Assistance Council (BIRAC)	5.3410 lakhs	Director
Education, Margins and City: Examining the Linkages through an Ethnographic Exploration	Dr. Jyoti Dalal	1 year (2021-22)	IIHS, Bangalore	8.0300 lakhs	Elementary Education
Examining Exclusion of Community-School Axis: An Ethnographic Study of a Lower Class Urban Settlement in South Delhi	Dr. Ruchira Das & Dr. Jyoti Dalal	2 years (2021-)	ICSSR	9.1600 lakhs	Elementary Education

2.3 Faculty as Experts on Panels of Organizations/ Government Bodies/ Universities

Name of the Teacher	Panel/Organization	Year
Director		
Prof. Geeta Trilok-Kumar	Member, Steering committee for Healthy Lifestyle Trajectories Initiative, A multicountry Initiative under Department of Biotechnology, Government of India	March 2021 onwards
Prof. Geeta Trilok-Kumar	Selection Committee for Promotion to Associate Professor/Professor at various Delhi University Colleges like Lakshmi Bai College, Bhaskaracharya college, Shaheed Rajguru College of Applied Sciences, Lady Irwin College, Aditi Mahavidyalaya, etc.	2020 - 2022
Prof. Geeta Trilok-Kumar	Member, Governing Body, Central Board of Secondary Education (CBSE), Government of India	2020 - 2023
Prof. Geeta Trilok-Kumar	Member, NCD Policy Group for the Comprehensive National Nutrition Survey (CNNS) constituted by Ministry of Health and Family Welfare, Government of India & WHO	2020 onwards

Prof. Geeta Trilok-Kumar	Chairperson, Task Force on “Balanced & Healthy Diets’ set up by Nutrition & IDD Cell, Directorate General Health Services, Ministry of Health & Family Welfare, Government of India	2019 - 2021
Prof. Geeta Trilok-Kumar	Member, Scientific Advisory Committee, National Institute of Nutrition, Hyderabad	2018 - 2021
Prof. Geeta Trilok-Kumar	Member, Data Safety Monitoring Board for a WHO study “Improving linear growth of children in low resource settings through integrated nutrition, WASH, care and support interventions during the pre- and peri-conceptional period, pregnancy and early childhood - a randomized controlled trial	2018 onwards
Prof. Geeta Trilok-Kumar	Member, UK Research Initiative (UKRI) for reviewing project proposals for UK funding agencies (MRC, Newton fund, BBRC, etc.)	Ongoing
Prof. Geeta Trilok-Kumar	Member, Data Safety and Monitoring Board, Centre for Intervention Science in Maternal and Child Health, University of Bergen, Norway	Ongoing
Prof. Geeta Trilok-Kumar	Member, Technical Advisory Group, Comprehensive National Nutrition Survey, Ministry of Health & Family Welfare, Government of India & UNICEF	2015 onwards
Prof. Geeta Trilok-Kumar	Member, Admission Committee, University of Delhi	Ongoing
Prof. Geeta Trilok-Kumar	Peer Reviewer for E-PMS (ICMR), SERB (DST) and eProMIS (DBT)	Ongoing
Prof. Geeta Trilok-Kumar	Member, Consultation Group of ICMR “Growth assessment of Indian children: Need for India specific growth standards”	March 2022 onwards
Prof. Geeta Trilok-Kumar	Member, Standing Committee (Students) of Academic Council, University of Delhi	April 2022 onwards
Prof. Geeta Trilok-Kumar	Member, Business Advisory Committee of Academic Council, University of Delhi	April 2022 onwards
Prof. Geeta Trilok-Kumar	Expert, Technical Evaluation Committee for Women and Child Health and Nutrition, Ministry of Science and Technology, Department of Biotechnology, Government of India	May 2022 onwards
Prof. Geeta Trilok-Kumar	Member, Technical Advisory Group, Large Scale Staple Food Fortification - Oil and Milk Fortification, GAIN	May 2022 onwards
Prof. Geeta Trilok-Kumar	Member, Technical Advisory group, Multiple Fortified Salt Study	2022

Prof. Geeta Trilok-Kumar	Member, State level Steering and Monitoring Committee of Mid Day Meal Scheme, Directorate of Education, Delhi Government	2022
Prof. Geeta Trilok-Kumar	Member, Expert committee of ICMR for “Comprehensive Mapping of Nutrition and Health biomarkers of Population: A Pan India study”	2022
Prof. Geeta Trilok-Kumar	Member, WHO Risk stratification group for meta-analysis to examine risks for newborn and child survival, health and development	2022
Department of Elementary Education		
Dr. Nidhi Gulati	Peer Reviewer for Voices of Teachers and Teacher Educators, published by NCERT, UGC-CARE listed journal	2021-2022
Dr. Nidhi Gulati	Peer Reviewer for Journal Educational Philosophy and Theory, Scopus listed journal	2021
Dr. Nidhi Gulati	Editorial Board member, Horizons of Education, University of Krakow, Index Copernicus	2021-2022
Dr. Nidhi Gulati	Ph.D. Research Advisory Committee Member, Ambedkar University	2021-2022
Dr. Nidhi Gulati	Member, Critical Reference Group, A critical analysis of global teacher education policies and practices for equitable and quality education. NIEPA, TISS, AUD, JMI & University of Sussex collaboration	June 2022
Dr. Jyoti Dalal	Lead Expert, Capacity Building Workshop for University of Ladakh teachers, TISS-University of Ladakh	2021-2022
Dr. Jyoti Dalal	Member, Ph.D. Research Advisory Board, University of Delhi	2021- 2022
Dr. Suneeta Mishra	Member, PhD Interview Board, University of Delhi	2021-2022
Dr. Ruchira Das	Review Panelist, Children First-Journal on Children's Lives (A DCPCR Journal, Government of NCT of Delhi)	2021-2022
Dr. Ruchira Das	Subject Expert, Central Board of Secondary Education (CBSE)	2021-2022
Dr. Ruchira Das	Subject Expert, National Testing Agency (NTA), Ministry of Education, Government of India	2021-2022
Dr. Sharmila Rathee	Subject Expert in Central Board of Secondary Education (CBSE) Panel	2021-2022
Ms. Sharmila Rathee	Consultative member, Fair Chance Foundation Haryana Project Consultative Group, Warwick University, U.K.	2021-2022

Ms. Deepti Saini	Paper setter for CTET organised by Central Board of Secondary Education (CBSE)	2021-2022
Department of Home Science (Development Communication & Extension and Journalism)		
Mr. M. Imran Parray	European Bildung Network, Copenhagen	2020 onwards
Department of Home Science (Fabric and Apparel Science)		
Dr. Charu Gupta	Technical Expert, Board of Governors, Apparel Training and Design Center, AEPC, Delhi	2021-2022
Dr. Jyoti Aggarwal	Board of Studies, Dayalbagh Educational Institute, Agra	2021-2022
Department of Home Science (Food & Nutrition and Food Technology)		
Dr. Seema Puri	Member, FSSAI Scientific Panel on foods, Nutraceuticals, Dietetics and other similar products	2019-2021
Dr. Seema Puri	Member, FSSAI Scientific Panel on Labelling, Claims and Advertisements	2019-2021
Dr. Shipra Gupta	Reviewer for “Current Research in Nutrition and Food Science”, SCOPUS listed journal	2017 onwards
Dr. Shipra Gupta	Expert Panel on Maternal Nutrition for <i>Anemia Mukh Bharat</i> (AMB) Technical Support, Institute of Economic Growth, University of Delhi	2020 onwards
Dr. Shipra Gupta	Evaluator, Diploma in Health and Nutrition Education, Indira Gandhi National Open University	2020 onwards
Dr. Bani Tamber Aeri	FSSAI Eat Right Research Grants Evaluation Committee	2021-2022
Dr. Bani Tamber Aeri	FSSAI Evaluation Committee for State Food Safety Index 2021-2022	2021-2022
Department of Home Science (Human Development and Childhood Studies)		
Dr. Geeta Chopra	Member, Review Panel for “Children First- Journal on Children's Lives” - an initiative of Delhi Commission for Protection of Child Rights	April 2021 onwards
Department of Home Science (Resource Management and Design Application)		
Dr. Pratima Singh	Exposure and Risk Analysis Unit (ERAU) consortium of the ‘Technical Air Resource Unit for Scientific Analysis, Management and Coordination’ of Department of Science and Technology	2022

2.4 Ph.D. Guidance

Name of Supervisor	Department	Total Ph.D. Guided	Ph.D. Awarded	Ph.D. Ongoing
Prof. (Dr.) Geeta Trilok-Kumar	Director	10	6	4
Dr. Nidhi Gulati	Elementary Education	5	-	5
Dr. Jyoti Dalal		2	-	2
Dr. Ruchira Das		1	-	1
Dr. Parveen Pannu	Home Science (Development Communication & Extension and Journalism)	3	1	2
Dr. Geeta Punhani		4	2	2
Dr. Savita Aggarwal		4	2	2
Dr. Chanchal	Home Science (Fabric and Apparel Science)	6	5	1
Dr. Charu Gupta		13	9	4
Dr. Jyoti Aggarwal		5	2	3
Dr. Amita Walia		3	2	1
Dr. Seema Puri	Home Science (Food & Nutrition and Food Technology)	18	15	3
Dr. Tejmeet Rekhi		2	2	-
Dr. Bani Tamber Aeri		8	5	3
Dr. Renu Gulati	Home Science (Human Development and Childhood Studies)	5	1	4
Dr. Mila Tuli		3	2	1
Dr. Geeta Chopra		9	4	5
Dr. Veenu Wadhwa		5	-	5
Dr. Renu Arora	Home Science (Resource Management and Design Application)	8	8	-
Dr. Sunita Aggarwal	Microbiology	4	2	2
Dr. Arti Nigam		3	2	1

2.5 Ph. D. Awardees 2021-22

Ph.D. Awardee	Supervisor(s)	Department
Swati Mirani	Dr. Parveen Pannu	Home Science (Development Communication & Extension and Journalism)
Urvashi Mehlatwat	Dr. Tejmeet Rekhi & Dr. Seema Puri	Home Science (Food & Nutrition and Food Technology)
Harmeet Kaur	Dr. Bani Tamber Aeri	Home Science (Food & Nutrition and Food Technology)
Ayesha Raees	Dr. Mila Tuli & Dr. Nandita Chaudhary	Home Science (Human Development and Childhood Studies)

Sakshi Sharda	Dr. Mila Tuli & Dr. Nandita Chaudhary	Home Science (Human Development and Childhood Studies)
Shipra Gupta (Faculty)	Prof. (Dr.) Deeksha Kapur, Indira Gandhi National Open University	Home Science (Food & Nutrition and Food Technology)
M. Imran Parray (Faculty)	Prof. Saima Saeed, Jamia Millia Islamia	Home Science (Development Communication & Extension and Journalism)

2.6 Research Paper Publications in Journals

Name of the Author(s)	Year	Title of the Paper	Title of the Journal, volume/ issue/page number	If UGC Care/ Scopus Journal	URL/DOI
Director					
Singal, A., Sahu, M.K., Trilok Kumar, G., & Kumar, A.	2022	Effect of energy- and/or protein-dense enteral feeding on postoperative outcomes of infant surgical patients with congenital cardiac disease: A systematic review and meta-analysis	<i>Nutrition in Clinical Practice</i> , 37(3), 555-566	Yes	https://doi.org/10.1002/ncp.10799
Gusain, Y., Malik, A., Narayanan, S., Jalota, N., Thakur, R. & Trilok-Kumar, G.	2022	Food insecurity during Covid-19 pandemic among people residing in underprivileged areas of South Delhi	<i>International Journal of Food and Nutritional Sciences</i> , 11(4), 25-31	Yes	http://dx.doi.org/10.4103/ijfans_95-22
Ahmed, S., PrayGod, G., Lee, N.R., Kelly, P., Trilok-Kumar, G., et al	2022	Long term health after severe acute malnutrition in children and adults- The role of pancreas (SAMPA): Protocol	<i>F1000Research</i> , 11, 777	Yes	https://doi.org/10.12688/f1000research.123389.1
Department of Biochemistry					
Ramesh, M., Sen, A., Vachher, M. & Nigam, A.	2021	Delineating bacteria using DNA barcoding	<i>Molecular Genetics Microbiology and Virology</i> , 36, S65–S73	Yes	https://doi.org/10.3103/S0891416821050128

Bhat, Z.I., Naseem, A., Kumar, B. , Ponnusamy, K., Tiwari, R.R., Sharma, G.D., & Rizvi M.M.A.	2021	Association of PARK-2 non-synonyms polymorphisms and their <i>in-silico</i> validation among North Indian colorectal patients	<i>Journal of Gastrointestinal Cancer</i>	Yes	https://doi.org/10.1007/s12029-021-00693-z
Vachher, M. , Bansal, S. , Kumar, B. , Yadav, S. , Arora, T. , Wali, N.M. , & Burman, A.	2022	Contribution of organokines in the development of NAFLD/NASH associated hepatocellular carcinoma	<i>Journal of Cellular Biochemistry</i>	Yes	https://doi.org/10.1002/jcb.30252
Sen, A., Nigam, A. & Vachher, M.	2022	Role of polypeptide inflammatory biomarkers in the diagnosis and monitoring of COVID-19	<i>International Journal of Peptide Research and Therapeutics</i> , 59, 28(2), 1-20	Yes	https://doi.org/10.1007/s10989-022-10366-5
Department of Elementary Education					
Singhal, M.	2021	गणित शिक्षण में मूर्त सामग्री आधारित खेलों का विश्लेषण	<i>Towards Excellence</i> , 13(3)	Yes	https://doi.org/10.37867/TE130313
Gandhi, H., & Mittal, R.	2021	Nature and Occurrence of Lexical Bundles in Mathematical Lesson Plans as Indicators of Authority Relationships	<i>Journal of Indian Education</i> , 51(3)	Yes	-
Gulati, N.	2021	Righting wrongs	<i>Voices of Teachers and Teacher Educators</i> , X(I), 136-140	Yes	https://ncert.nic.in/pdf/publication/journalsandperiodicals/vtte/July_Issue-2021.pdf
Gulati, N. & Jain, M.	2021	Local in Education Policy Discourse in India	<i>Voices of Teachers and Teacher Educators</i> , X(II), 7-19	Yes	https://ncert.nic.in/pdf/publication/journalsandperiodicals/vtte/Dec_Issue-2021.pdf
Dalal, J.	2021	In the Name of Quality Education: Breaking the Mirage	<i>Social Action: A Quarterly Review of Social Trends</i> , 71(4)	Yes	-

Dalal, J.	2021	The Glaring Crisis of 'Missing Children' from Schools	<i>Education India Journal: A Quarterly Refereed Journal of Dialogues on Education, 10(4)</i>	Yes	-
Dalal, J., Anand, C. & Tuli, M.	2021	Critique or Rationality: The Conundrum of Modernity"	<i>Towards Excellence, 13(4)</i>	Yes	https://hrdc.gujaratuniversity.ac.in/Publication/article?id=3773
Dalal, J.	2021	Exploring the Idea of Education from Philosophical Standpoint	<i>Towards Excellence, 13(3)</i>	Yes	https://hrdc.gujaratuniversity.ac.in/Publication/article?id=3692
Gulati, A. & Gulati, N.	2022	Medico-legal dimensions of the two-finger test	<i>Third Concept, 36(421), 34-37</i>	Yes	-
Gulati, N. & Jain, M.	2022	Pre-service Teacher Education: An Overview of Education Policy in India	<i>Towards Excellence, 14(1)</i>	Yes	https://hrdc.gujaratuniversity.ac.in/Publication/article?id=4876
Puri, S. & Gulati, N.	2022	School Hygiene: A study of select government schools in Delhi	<i>Towards Excellence, 14(1)</i>	Yes	https://hrdc.gujaratuniversity.ac.in/Publication/article?id=4911
Gulati, N. & Singhal, M.	2022	Facilitating Constructivism in EVS: A Study of Select Delhi Government Primary Schools	<i>Education India: A Quarterly Refereed Journal of Dialogues on Education, 11(1)</i>	Yes	-
Singhal, M. & Gulati, N.	2022	Women in Science as Role Models for Promoting Gender Equality	<i>Towards Excellence, 14(1)</i>	Yes	https://hrdc.gujaratuniversity.ac.in/Publication/article?id=4920
Dalal, J. & Das, R.	2022	Children's Milieu and Modern Schooling: Understanding the Linkage	<i>Towards Excellence, 14(1)</i>	Yes	https://hrdc.gujaratuniversity.ac.in/Publication/article?id=6006
Dalal, J., Anand, C. & Tuli, M.	2022	Freud for Today's Times: Predicament posed by Narrow Groups	<i>The Third Concept, 36(422), 42-44</i>	Yes	-

Department of Home Science (Development Communication & Extension and Journalism)					
Parray, M.I. & Saeed, S.	2021	Rethinking South Asian Media Historiography: Excavating Princely India's Media Cultures with Reference to Jammu and Kashmir State	<i>Society and Culture in South Asia</i> , 8(1), 72-95	Yes	https://journals.sagepub.com/doi/abs/10.1177/23938617211040295
Parray, M.I.	2021	Choking the 'periphery': Pride and prejudice in India's globalizing Internet imaginary	<i>Internet Histories</i> , 5(3-4), 323-340	Yes	https://www.tandfonline.com/doi/abs/10.1080/24701475.2021.1984732
Sharma, A., Punhani, G. & Aggarwal, S.	2021	A Global Perspective of ICT Development indices: Gender the Missing Link	<i>International Journal of ICT and Human Development</i> , 13(4), 83-91	Yes	https://www.igi-global.com/article/a-global-perspective-of-ict-development-indices/302104
Department of Home Science (Fabric and Apparel Science)					
Singh, T., Walia, A., & Mehtab, S.	2021	Leather Craft of Chamba: Heritage of Royalty	<i>TEXTILE- Cloth and Culture</i> , 19(4), 454-465	-	https://doi.org/10.1080/14759756.2021.1942605
Garg, P., & Walia, A.	2021	Understanding consumer trends in trading scenarios for handicraft markets	<i>Journal of Textile and Apparel, Technology and Management</i> , 12(2), 1-8	-	-
Chaudhary, S. & Batham, M.	2021	The effect of antibacterial finish obtained from cymbopogon (lemongrass) against E.coli on cotton fabric (cambric)	<i>Man Made Textiles in India</i> , XL 7	Yes	-
Kaur, B., Chanchal & Rani., R.	2022	A Study: Working conditions of small scale weaving units	<i>International Journal of Mechanical Engineering</i> , 7(1), 1375-1379	Yes	https://kalaharijournals.com/resources/161-180/IJME_Vol7.1_169.pdf

Arora, G. & Aggarwal, J.	2022	Relationship of self-esteem with clothing interest determinants amongst college students of metropolitan city Delhi, India	<i>The Indian Journal of Home Science</i> , 34(1), 1-10	Yes	https://tinyurl.com/2p947d2m
Kaur, B., Chanchal, & Singh, S.	2022	Occupational Health Hazards Faced by the Workers of Knitting Units	<i>Asian Journal of Organic & Medicinal Chemistry (AJOMC)</i> , 7(1)	Yes	-
Department of Home Science (Food & Nutrition and Food Technology)					
Sachdeva, B., Puri, S., & Arora, R.	2021	Content Analysis of Food Related Television Advertisements Aimed at Children and Women: A Pilot Study in Delhi	<i>The Indian Journal of Nutrition and Dietetics</i> , 58 (3), 361-368	Yes	https://doi.org/10.21048/IJND.2021.58.3.27099
Arora, P. & Aeri, B.T.	2021	Association between high pre-pregnancy body mass index and antenatal depression: A study among pregnant women of upper socio-economic strata in North-West Delhi, India	<i>Clinical Epidemiology and Global Health</i> , 11, 100787	Yes	https://doi.org/10.1016/j.cegh.2021.100787
Aeri, B.T.	2021	Role of probiotics and vitamins in maintaining a healthy gut microbiome: Recent advances	<i>Indian Journal of Community Health</i> , 33(3), 543-546	Yes	https://doi.org/10.47203/IJCH.2021.v33i03.027
Chaudhary, N., Dangi, P., Chaudhary, V., Dewan, A., Sharma, S.P., Poonia, A., & Kumar, M.	2021	A review on instant controlled pressure drop technology – a strategic tool for extraction of bioactive compounds	<i>International Journal of Food Science & Technology</i>	Yes	https://ifst.onlinelibrary.wiley.com/doi/10.1111/ijfs.15408
Rawat, D., Sharma, A., Gulati, A., Kumar, A., & Sagar, R.	2021	To determine the predictors of sleep quality in young adults using modifiable lifestyle factors for non-communicable diseases: A cross-sectional study	<i>Indian J Sleep Med</i> , 16(4), 97-101	-	https://doi.org/10.5005/jp-journals-10069-0086

Rawat, D., Roy, A., Gulati, A., Shankar, V. & Sharma, A.	2021	Impact of yoga-based interventions as an integrative approach during COVID-19: A Review	<i>Indian Journal of Health and Well-being</i> , 12(3), 292-297	-	https://iahrw.org/our-services/journals/indian-journal-of-health-wellbeing/
Puri, S., Rekhi, T.K. , Thomas, T., Jadhav, M.H., Mannar, V., & Diosady, L.L.	2022	Sensory Trial of Quintuple Fortified Salt-Salt Fortified with Iodine, Iron, Folic Acid, Vitamin B ₁₂ , and Zinc-Among Consumers in New Delhi, India	<i>Food and Nutrition Bulletin</i>	Yes	https://doi.org/10.1177/03795721221078361
Puri, S. & Gulati, N.	2022	School Hygiene: A study of select government schools in Delhi	<i>Towards Excellence</i> , 14(1), 444-457	Yes	https://hrdc.gujaratuniversity.ac.in/Publication/article?id=4911
Chaudhary, N., Viridi, A.S., Dangi, P. , Khatkar, B.S., Mohanty, A.K., & Singh, N.	2022	Protein, thermal and functional properties of α -, γ - and ω -gliadins of wheat and their effect on bread making characteristics	<i>Food Hydrocolloids</i> , 124(Part A), 107212	Yes	https://doi.org/10.1016/j.foodhyd.2021.107212
Suri, M., Sabharwal V. , Kaushik P., Joshi A., Aayushi, & Aggarwal S.	2022	Association of Prebiotic and Probiotic Food Consumption with Depression, Anxiety and Stress among College Going Students	<i>The Indian Journal of Nutrition and Dietetics</i> , 59(1), 68-88	Yes	https://doi.org/10.21048/IJND.2022.59.1.28714
Sharma, A. , Agarwal, A. & Agarwal, K.N.	2022	Prevalence of Nutritional Anemia in 'Brain Growth Period'	<i>SunText Rev Pediatr Care</i> , 3(1), 128	-	-
Gupta, S.	2022	Knowledge, Attitudes and Practices related to Food Wastage among Indian Men and Women	<i>International Journal of Food and Nutritional Sciences</i> , 11(4), 17-24	Yes	http://dx.doi.org/10.4103/ijfans_92-22
Department of Home Science (Human Development and Childhood Studies)					
Tuli, M. & Negi, B.	2021	Ethics in social science research: Developing discipline specific and culturally relevant practices	<i>Towards Excellence</i> , 13(4)	Yes	https://hrdc.gujaratuniversity.ac.in/Publication/article?id=3799

Dalal, J., Anand, C., & Tuli, M.	2021	Critique of rationality: The conundrum of modernity	<i>Towards Excellence, 13(4)</i>	Yes	https://hrdc.gujaratuniversity.ac.in/Publication/article?id=3773
Sharda, S., Tuli, M., & Chaudhary, N.	2022	Diachronicity in Aspirations and Personal Values of Adolescent Girls, Switzerland	<i>Human Arenas</i>	Yes	https://doi.org/10.1007/s42087-021-00267-2
Dalal, J., Anand, C., & Tuli, M.	2022	Freud for today's times: Predicament posed by narrow groups	<i>Third Concept, 36(422)</i>	Yes	-
Tuli, M. & Batra, R.	2022	Gender and the City: Negotiating Culture in Urban Spaces	<i>Towards Excellence, 14(1)</i>	Yes	https://hrdc.gujaratuniversity.ac.in/Ejournal
Gulati, R. & Wadhwa, V.	2022	Exploring Awareness of Reproductive Health and Related Issues among School and College Adolescents in the Metropolitan City of Delhi	<i>Akshara Multi-disciplinary Research Journal Peer- Reviewed & Referred International Research Journal, IV(04)</i>	-	DOI Number - 04.2021-43234255
Gulati, R., Wadhwa, V., Lamba, R., & Kaim, P.	2022	Young Adults Well-being and Adaptive Measures: A COVID-19 Survey	<i>Indian Journal of Health and Wellbeing, 13(1), 111-115</i>	Yes	-
Wadhwa, V., Gulati, R., & Lamba, R.	2022	Children's Play Behaviour a Buffer to Mitigate the Impact of Covid-19	<i>International Journal of Research in Academic World, 1(7)</i>	-	-
Department of Home Science (Sciences)					
Sen, A., Kapila, R., Chaudhary, S., & Nigam, A.	2021	Biotechnological Applications of Microbial Enzymes to Replace Chemicals in the Textile Industry-A Review	<i>Journal of the TEXTILE Association, 82(2), 68-73</i>	Yes	https://www.researchgate.net/publication/354353805_Biotechnological_Applications_of_Microbial_Enzymes_to_Replace_Chemicals_in_the_Textile_Industry-A_Review_1_2_2_2

Singh, T., Nigam, A., & Kapila, R.	2021	Innovations in Silkworm Rearing and Importance: Recent Advances.	<i>Journal of the TEXTILE Association</i> , 82(2), 87-90	Yes	https://www.researchgate.net/publication/354353900_Innovations_in_Silkworm_Rearing_and_Importance_Recent_Advances
Singh, T. & Kapila, R.	2021	Recent Development in Biopesticides as potential substitutes to chemical pesticides	<i>Research Journal of Agricultural Sciences</i> , 12(3), 832-834	Yes	https://www.researchgate.net/publication/354354115_Recent_Developments_in_Biopesticides_as_Potential_Substitutes_to_Chemical_Pesticides_CARAS
Kapila, R., Verma, G., Sen, A., & Nigam, A.	2021	Evaluation of Microbiological Quality of Vermicompost Prepared from Different Types of Organic Wastes using <i>Eisenia fetida</i>	<i>Agricultural Science Digest-A Research Journal</i> , 41(3), 445-449	Yes	https://arccjournals.com/journal/agricultural-science-digest/D-5275
Kapila, R., Verma, G., Sen, A., & Nigam, A.	2021	Compositional Evaluation of Vermicompost Prepared from Different Types of Organic Wastes using <i>Eisenia fetida</i> and Studying its Effect on Crop Growth	<i>Indian Journal of Agricultural Research</i> , 1, 6	Yes	https://arccjournals.com/journal/indian-journal-of-agricultural-research/A-5708
Singh, T., & Kapila, R.	2021	Role of Organic Production System in Improving Sericulture	<i>Journal of the TEXTILE Association</i> , 82(4), 214-217	Yes	https://www.researchgate.net/publication/357733795_Role_of_Organic_Production_System_in_Improving_Sericulture
Rastogi A., Nigam A., Mandal S., Nath S., Kapila R.	2022	Increased Inclination of Herbal Preparations as Immunity Booster among Adults in the times of Pandemic: A Cross Section Study	<i>Journal of Ayurveda</i> , 16(1), 27-33	Yes	10.4103/joa.joa_7_21

Singh, T., Nigam, A., & Kapila, R.	2022	Analyzing the Use of Medicinal Herbs During the First Wave and Second Wave of COVID-19	<i>Proceedings of the National Academy of Sciences, India Section B</i> , 92(1), 219-222	Yes	https://doi.org/10.1007/s40011-021-01303-5
Department of Home Science (Physiology and Promotive Health)					
Suri, M., Sabharwal, V., Kaushik, P., Joshi, A., Aayushi & Aggarwal, S.	2022	Association of Prebiotic and Probiotic Food Consumption with Depression, Anxiety and Stress among College Going Students	<i>The Indian Journal of Nutrition and Dietetics</i> , 59(1), 68-88	Yes	https://doi.org/10.21048/IJND.2022.59.1.28714
Department of Microbiology					
Aggarwal, S., Sen, A., Rastogi A., & Nigam A.	2021	Evaluation of the probiotic potential of yeasts isolated from Indian fermented food items	<i>Research Journal of Biotechnology</i> , 16(10), 33- 42	Yes	https://doi.org/10.25303/1610rjbt3342
Ramesh, M., Sen, A., Vachher, M., & Nigam, A.	2021	Delineating Bacteria Using DNA Barcoding	<i>Molecular Genetics, Microbiology and Virology</i> , 36, S65–S73	Yes	https://doi.org/10.3103/S0891416821050128
Sen, A., Kapila, R., Chaudhary, S., & Nigam, A.	2021	Biotechnological Applications of Microbial Enzymes to Replace Chemicals in the Textile Industry	<i>Journal of the Textile Association</i> , 82(2), 68-73	Yes	https://textileassociationindia.org/wp-content/uploads/2021/09/e-journal-Jul-Aug-21-1.pdf
Tanvi, S., Nigam, A., & Kapila, R.	2021	Innovation in silkworm rearing and importance: Recent Advances	<i>Journal of the Textile Association</i> , 82(2), 87-90	Yes	https://textileassociationindia.org/wp-content/uploads/2021/09/e-journal-Jul-Aug-21-1.pdf
Chaudhary, S., & Batham, M.	2021	To study the effect of antibacterial finish obtained from <i>Cymbopogon</i> (Lemongrass) against <i>E. coli</i> on cotton fabric (Cambric)	<i>Journal of Man-made Textiles in India</i> , 49(7), 223-230	Yes	-

Sen, A., Nigam, A., & Vachher, M.	2022	Role of Polypeptide Inflammatory Biomarkers in the Diagnosis and monitoring of COVID-19	<i>International Journal of Peptide Research and Therapeutics</i> , 28, 59	Yes	https://doi.org/10.1007/s10989-022-10366-5
Singh, T., Nigam, A. & Kapila, R.	2022	Analyzing the Use of Medicinal Herbs During the First Wave and Second Wave of COVID-19	<i>Proceedings of the National Academy of Sciences, India Section B</i> , 92(1), 219-222	Yes	https://doi.org/10.1007/s40011-021-01303-5
Rastogi, A., Nigam, A., Mandal, S., Nath, S. & Kapila, R.	2022	Increased Inclination towards Herbal Preparations as Immunity Booster among Young Adults in the Times of Pandemic: A Cross-Sectional Study	<i>Journal of Ayurveda</i> , 16(1), 27-33	Yes	https://doi.org/10.4103/joa.joa_7_21
Aggarwal, S., Gupta, S., Sehgal, S., Srivastava, P., Sen, A., Gulyani, G., & Jain, A.	2022	Vitamin K2: An emerging essential nutraceutical and its market potential	<i>Journal of Applied Biology and Biotechnology</i> , 10(2), 173-184	Yes	http://dx.doi.org/10.7324/JABB.2022.100221
Sen, A., Aggarwal, S., Sehgal, S., Nagpal, N., Joshi, A., Saini, P., & Chawla, R.	2022	Novel Strategies of Immunization against Covid-19	<i>Journal of Pure and Applied Microbiology</i> , 16(1), 35-50	Yes	http://dx.doi.org/10.22207/JPAM.16.1.37

2.7 Books/Chapters in Books/Editors for Books/Journals

Name of the Author(s)	Year	Title of the Book	Title of Chapter	Publisher and Place
Department of Biochemistry				
Taneja, J., Arora T., Jain, A., Mansukhani, C., Bhalla, L., & Nanda, S.	2021	Highlights on Medicine and Medical Science Vol. 13	Study on Polycystic Ovary Syndrome Risk: Efficacy of Self-Assessment Test; Chapter 11	B P International Print ISBN: 978-93-91473-77-8 eBook ISBN: 978-93-91473-78-5

Bansal, S.	2022	Textbook of Biochemistry with Clinical Correlations, 7 th ed Editor: Thomas M. Devlin (Indian Adaptation)	Chapter 10: Enzymes: Classification, Kinetics, and Control Chapter 11: Biological Membranes: Structure, Receptors, and Solute Transport Chapter 17: Lipid Metabolism II: Pathways of Metabolism of Special Lipids	Wiley India Pvt. Ltd. ISBN: 978-93-5464-155-8
Department of Elementary Education				
Gulati, N.	2021	अध्यापन कर्म, अध्यपक की छवि व अस्मिता [tr. The idea, work and identity of teachers] Editors: Hriday Kant Dewan, Manoj Kumar, Shivani Nag	आदर्श बालक की छवियाँ [tr. Images of ideal childhood]	New Delhi: Vani Prakashan & Azim Premji University ISBN: 9789390678334
Gulati, N., Jain, M., & Banste, C.	2021	Children in India: Opportunities and Challenges. Editor: Seema Puri	<i>Sarva Shiksha Abhiyan: A Policy Overview</i>	New York: Nova Publishers ISBN: 978-1-68507-067-0
Dalal, J.	2021	Examining Education Reforms of India in the Matrix of Rights and Biopolitics	Oxford Encyclopedia of School Reform	Oxford University Press, New York
Batra, P., Bazaz, A., Shanmugam, A., Ranjit, N., Kaur, H. & Das, R.	2021	Impact of the COVID-19 Pandemic on Education, Livelihoods and Health	-	TESF, India (IIHS, Bangalore) & The Economic and Social Research Council (UK) acknowledged by TEF 'UKRI GCRF Transforming Education Systems for Sustainable Development (TES4SD) Network Plus'

Mishra, S.	2022	<i>Aankhon-aankhon me</i> ('In between the eyes'): A Cognitive-Linguistic view of the eye metaphors in Hindi	Embodiment in cross-linguistic studies: The 'Eye' (ed. Melike bas & Iwona Kraska-Szlenk)	Brill: Leiden, Boston
Dalal, J. & Anand, C.	2022	Schooling in the Margins of the State: Exploring the Vicissitudes of Violence	-	Contemporary Education Dialogue, Sage ISSN: 09731849, 22495320
Department of Home Science (Development Communication & Extension and Journalism)				
Parray, M.I.	2021	Digital Humour in the Covid-19 Pandemic: Perspectives from the Global South Editor: Shepherd Mpofo	Humour in the age of contagion: Coronavirus, 'Janata Curfew' meme and India's digital cultures of virality	Palgrave Macmillan ISBN: 978-3-030-79278-7
Parray, M.I.	2021	Counter-Terrorism Laws and Freedom of Expression: Global Perspectives Editors: Téwodros Workneh, Paul Haridakis	Counter-Terrorism Laws and Freedom of Expression: Global Perspectives	Lexington Books ISBN: 978-1-7963-2216-7
Department of Home Science (Fabric and Apparel Science)				
Chanchal, Kaur, B., & Rani., R.	2022	Sustainable Fashion and Textiles: An Indian Perspective, Volume I	Occupational Health Hazards Faced by the Workers of Small-Scale Weaving Units	Pragati Publications ISBN: 81-7307-178-6
Chanchal, Kaur, B., & Sakshi	2022	Sustainable Fashion and Textiles: An Indian Perspective, Volume I	Denim Washing Units: An Operating Environment	Pragati Publications ISBN: 81-7307-178-6
Mishra, A., Chanchal & Kaur, B.	2022	Sustainable Fashion and Textiles: An Indian Perspective, Volume II	Occupational Health Hazards Faced by the Workers of Garment Manufacturing Units	Pragati Publications ISBN: 81-7307-179-9

Batham, M., Kaur, B., & Mantasha	2022	Sustainable Fashion and Textiles: An Indian Perspective, Volume II	A Study: Comparative Assessments of Banana and Bamboo Fabric Properties	Pragati Publications ISBN: 81-7307-179-9
Department of Home Science (Food & Nutrition and Food Technology)				
Puri, S.	2021	Children in India: Opportunities and Challenges Editor: Seema Puri	-	NOVA Publishers, USA
Aeri, B.T. & Khanna, P.	2021	Children in India: Opportunities and Challenges Editor: Seema Puri	Supporting mental health in children and adolescents: exploring the link between food intake and mental well-being	NOVA Science Publishers, New York ISBN: 978-1-68507-067-0
Dangi, P., Chaudhary, N., Gupta, A. & Garg, I.	2021	Handbook of Cereals, Pulses, Roots and Tubers, 1st edition Editors: Sneha Punia Bangar, Anil Kumar Siroha & Manoj Kumar	Rice Processing and Properties	CRC Press, Taylor and Francis group
Dangi, P., Chaudhary, N., Joshi, R. & Saranya, P.	2021	Handbook of Cereals, Pulses, Roots and Tubers, 1st edition Editors: Sneha Punia Bangar, Anil Kumar Siroha & Manoj Kumar	Beta-glucan	CRC Press, Taylor and Francis group
Dangi, P., Chaudhary, N., Gajwani, D. & Neha	2021	Handbook of Cereals, Pulses, Roots and Tubers, 1st edition Editors: Sneha Punia Bangar, Anil Kumar Siroha & Manoj Kumar	Anti-nutritional Factors in Legumes	CRC Press, Taylor and Francis group

Chaudhary, N., Dangi, P. , Kumar, R. & Bishnoi, S.	2021	Handbook of Cereals, Pulses, Roots and Tubers, 1st edition Editors: Sneha Punia Bangar, Anil Kumar Siroha & Manoj Kumar	Chia seeds: A Renewable source as a functional food	CRC Press, Taylor and Francis group
Chaudhary, N., Dangi, P. , Mishra, M. L. & Kumar, V.	2021	Handbook of Cereals, Pulses, Roots and Tubers, 1st edition Editors: Sneha Punia Bangar, Anil Kumar Siroha & Manoj Kumar	Wheat: Contribution to Healthy Diet and Health	CRC Press, Taylor and Francis group
Chaudhary, N., Dangi, P. , Kumar, R., Bishnoi, S. & Rulahnia, K.	2021	Handbook of Cereals, Pulses, Roots and Tubers, 1st edition Editors: Sneha Punia Bangar, Anil Kumar Siroha & Manoj Kumar	Functional potential of Quinoa	CRC Press, Taylor and Francis group
Mir, M.B., Sablania, V. , Rajput, R. & Mir, S.A.	2021	Handbook on Gluten free bread Technology	Understanding the role of additives in gluten free breads	Springer Nature Switzerland AG ISBN 978-3-030-73898-3
Mir, M.B., Mir, S.A., Rajput, R. & Sablania, V.	2021	Handbook on Gluten free bread Technology	Changes in development of gluten free breads	Springer Nature Switzerland AG ISBN 978-3-030-73898-3
Subbiah, N., Sabharwal, V. & Pearl, A.	2021	Collaborative governance for sustainable development of health and wellbeing: Issues and Perspective	Meeting the health needs of Adolescents: Where does India Stand?	The National Institute of Health and Family Welfare. Volume1.2021 ISBN: 978-81-954142-8-8
Chaudhary, N. & Dangi, P.	2022	Edible Food Packaging: Applications, Innovations and Sustainability Editors: Poonia, A., Dhewa, T.	Fruit and Vegetable Waste: A Taste of Future Foods	Springer Nature Singapore, Singapore

Sablania, V., Basak, S., & Yadav, V.	2022	Handbook on Spice bioactive compounds, Properties, applications and health benefits Editors: Ahmad, W.S., Singh, A., and Kumar, P.	Bioactive compounds in saffron	CRC Press, Boca Raton, Florida ISBN 978-1-032-06291-4
Sabharwal, V., Kumari, A., Pawar, D., & Bhardwaj, N.	2022	Nutraceuticals: Food Applications and Health Benefits	Introduction to Nutraceuticals	Nova Science Publisher ISBN 978-1685074883
Department of Home Science (Human Development and Childhood Studies)				
Chopra, G.	2021	Children in India: Opportunities and Challenges Editor: Seema Puri	Child Rights in India: From Silos to Systems	Nova Publications ISBN: 978-1-68507-067-0 https://pesquisa.bvsalud.org/global-literature-on-novel-coronavirus-2019-ncov/resource/pt/covidw-ho-1801302
Gulati, R. & Wadhwa, V.	2021	Children in India: Opportunities and Challenges Editor: Seema Puri	Early Childhood Education and School Readiness: An Indian Perspective	Nova Publications ISBN: 978-1-68507-067-0 https://pesquisa.bvsalud.org/global-literature-on-novel-coronavirus-2019-ncov/resource/pt/covidw-ho-1801302
Vasudev, K.	2021	Peer Pressure: Its effects on identity development and adjustment patterns of adolescents		LAP LAMBERT Academic Publishing ISBN: 978-620-3-86274-4
Chaudhary N., Tuli M. , & Raees A.	2022	International Handbook of Psychology Learning and Teaching. Editors: Zumbach J., Bernstein D., Narciss S., Marsico G.	Developmental Psychology: Moving Beyond the East-West Divide	Springer International Handbooks of Education. Springer, Cham. https://doi.org/10.1007/978-3-030-26248-8_14-1

Department of Home Science (Sciences)				
Nagpal, P., Kapila, R., & Mandal, S.	2021	Rhizobiology: Molecular Physiology of Plant Roots Editors: Mukherjee, S., Baluška, F.	Role of Arbuscular Mycorrhizal Fungi in Root Development with a New Dimension in the Root Web Network	Springer, Cham. Print ISBN: 978-3- 030-84984-9 Online ISBN: 978-3- 030-84985-6 https://doi.org/10.1007/978-3-030-84985-6_5
Department of Microbiology				
Kaur, P., Vohra, A., & Satyanarayana, T.	2021	Progress in Mycology	Developments in Fungal Phytase Research: Characteristics and Multifarious Applications	Springer Book ISBN 978-981-16-3306- 5 e-ISBN 978-981-16- 3307-2
Kaur, P., Vohra, A., & Satyanarayana, T.	2021	Encyclopedia of Mycology	Multifarious applications of fungal phytases	Elsevier ISBN: 978-0-323- 85180-0
Sehgal, S., Aggarwal, S., Saini, A., Thakur, M., Soni, K.	2022	Smart and Sustainable Food Technologies Editors: Sehgal, S., Singh, B., Sharma, V.	Smart Monitoring and Surveillance of Food Contamination	Springer, Singapore ISBN: 978-981-19- 1745-5

2.8 Faculty as Resource Person for Other Universities/ NGOs/ Organisations

Name of the Teacher	Panel/Organization	Title	Month & Year
Department of Elementary Education			
Dr. Nidhi Gulati	USIEF	Selection Panel, Fulbright Nehru Doctoral Fellowships	2021
Dr. Nidhi Gulati	Eklavya	Children in Hindi Films: Divinity, Innocence, Cute	November 2021
Dr. Nidhi Gulati	National School of Drama - Theatre in Education, Tripura, Government of India	Invited Expert, Seminar on Childhood in Contemporary India	January 2022
Dr. Nidhi Gulati	Aditi Mahavidyalaya	Girls in Hindi Cinema	January 2022

Dr. Nidhi Gulati	Pathshala, Azim Premji University	जेंडर और शिक्षा [tr. Gender and Children]	February 2022
Dr. Nidhi Gulati	Gargi College, University of Delhi	Judge, Pathfinder Humanities Project	April 2022
Dr. Nidhi Gulati	FDP on Outcome Based Curriculum & Choice Based Credit System, Mumbai University	Designing Multidisciplinary Courses	June 2022
Dr. Jyoti Dalal	UNICEF IUIF (Ideosync UNESCO Information Fellowship) fellows	Understanding the Education Sector: Policy & Implementation Challenges	June 2021
Dr. Jyoti Dalal	Aditi Mahila Mahavidyalaya, University of Delhi	What is freedom?	July 2021
Dr. Jyoti Dalal	University of Ladakh, Leh	Social Diversity and Multidisciplinarity in Higher Education	September 2021
Dr. Jyoti Dalal	University of Ladakh, Kargil	Social Diversity and Multidisciplinarity in Higher Education	September 2021
Dr. Jyoti Dalal	Jesus and Mary College, University of Delhi	Unfolding the Exclusion-Identity link in a state-run primary school	January 2022
Dr. Jyoti Dalal	UGC-HRDC (Academic Staff College), JNU	Political Economy and the Education Discourse in India	February 2022
Dr. Jyoti Dalal	School of Education, TISS Mumbai	Education, State and Margins: Exploring the Linkage	March 2022
Dr. Suneeta Mishra	Refresher course in Education, Ramanujan college, University of Delhi	Language: Pedagogy, Assessment and Policy	January 2022
Dr. Suneeta Mishra	FDP, TLC Harsingh Gaur Vishwavidyalaya, Sagar, MP	Research and Publication Ethics: Issues and Challenges	March 2022
Dr. Suneeta Mishra	International Conference on Innovations in Applied Science and Engineering, NIT Jalandhar	Advances in the Research on Language and Cognition	May 2022

Dr. Mamta Singhal	Aditi Mahavidyalaya	Science in Ancient India	February 2022
Dr. Ruchira Das	Zakir Husain Centre for Education Studies, JNU	Tribes in the City	July 2021
Dr. Ruchira Das	5th Refresher Course on Teachers Education, UGC- HRDC, JNU	The Paranoia of Schooling in the times of Pandemic	February 2022
Ms. Sharmila Rathee	HRDC, BPS Women University, Khanpur Kalan, Sonapat, Haryana	Understanding Universal Design for Learning and Inclusive Education	September 2021
Ms. Sharmila Rathee	HRDC, BPS Women University, Khanpur Kalan, Sonapat, Haryana	Implementing Universal Design for Learning to make classes Inclusive	September 2021
Ms. Deepti Saini	Eklavya	Child Development, Special Needs and Learning	April 2022
Department of Home Science (Development Communication & Extension and Journalism)			
Dr. Yuki Azaad Tomar	International Collaborative Educational Program India, Japan, Korea, and USA 2022	Social issues, solving problem: SDGs	February 2022
Mr. M. Imran Parray	Jamia Millia Islamia	M.A. Dissertation Advisor	April-June 2021
Department of Home Science (Fabric and Apparel Science)			
Dr. Jyoti Aggarwal	AICTE Training and Learning (ATAL) Academy	AICTE Training and Learning (ATAL) Academy Online Elementary FDP on “Sustainability and Quality Management in Apparel Industry” at Dayalbagh Educational Institute, (Deemed to be University)	December 2021
Department of Home Science (Food & Nutrition and Food Technology)			
Dr. Bani Tamber Aeri	<i>Vigyaaan Prasaar</i> , DST	Virtual Masterclass on “Prevention of Food Adulteration”	November 2021

Dr. Bani Tamber Aeri	Udisha (NGO) and Action Committee Unaided Recognised Private Schools (Regd.)	Webinar on “Prevention of Malnutrition in Children and Child Welfare”	November 2021
Dr. Vandana Sabharwal	National Institute of Health and Family Welfare	Research Methodology for Nursing Professionals	December 2021
Dr. Vandana Sabharwal	National Institute of Health and Family Welfare	Promotion of healthy lifestyle through Diet	February 2022
Dr. Vandana Sabharwal	NITTE Usha Institute of Nursing, Karnataka	Quantitative Data Analysis: Interpretation of Descriptive and Inferential statistic during National Webinar Series on “Developing a Research Culture - Novice to Excellence	February 2022
Department of Home Science (Human Development and Childhood Studies)			
Dr. Renu Gulati	Invited as Resource Persons by Delhi Police Families Welfare Association	Multiple Counselling sessions for families of Delhi Police Personnel and their Families	October 2021
Dr. Mila Tuli	Invited webinar for PG Diploma in Child Guidance and Counselling course at NIPCCD, New Delhi	Families, Parents and Children	July 2021
Dr. Mila Tuli	Invited Speaker for the Webinar “ <i>Aao Jagah Banaye!</i> Placing Gender in Delhi’s Urban Spaces” by CitySabha and Khoj International Artists Association	Culture and Beliefs	July 2021
Dr. Veenu Wadhwa	Invited as Resource Persons by Delhi Police Families Welfare Association	Multiple Counselling sessions for families of Delhi Police Personnel and their Families	October 2021
Dr. Kavita Vasudev	Invited Resource person by Department of Home Science, Rama Devi Women’s University, Bhubaneswar	Person’s first language (Disability friendly language)	February 2022
Dr. Kavita Vasudev	Invited Resource person by NIPCCD	Middle Childhood Developmental Gains across Domains	March 2022

Department of Home Science (Resource Management and Design Application)			
Dr. Richa Tyagi	Phool Singh Bisht Rajkiye Mahavidyalaya, Lambgaon, Tehri Garhwal	Earning Dimensions for Home Science Students During pandemic 2021	July 2021

2.9 Research Paper Presentations in International level Conferences/ Seminars/ Workshops

Title of the Paper	Name of the Author(s)	Title of Conference/Seminar/ Workshop	Date/Place/ Mode
Department of Elementary Education			
Exploring Mathematical Task Designed by Pre-service Teachers	Mittal, R. & Ahuja, A.	14th International Congress on Mathematical Education	11 th -18 th July 2021, Shanghai, Online
Reflections on the Intersection of Violence, Exclusion and Identity	Jyoti Dalal	11 th International CESI Conference on Mapping Education in Times of Covid-19	17 th – 19 th December, 2021, Online
Panel title: Impact of the Covid-19 Pandemic on Education, Livelihoods and Health	Das, R., Ranjan R & Shanmugam A.	11 th International CESI Conference on Mapping Education in Times of Covid-19	17 th – 19 th December, 2021, Online
Science Education for Sustainable Development	Singhal, M. & Wadhwa, M.	International Conference on Incremental Changes in Instructional Strategies & Research in Higher Education	3 rd – 5 th March 2022, MMTC college Thiruvanthapuram, Online
ReCAL Project: Theoretical and methodological considerations II (International Project on Request Constructions)	Suneeta Mishra	10 th International Symposium on Intercultural, Cognitive and Social Pragmatics	23 rd – 25 th May 2022, Online
Department of Home Science (Development Communication & Extension and Journalism)			
Gender based risk assessment to climate change: Quantification at sub-national level in India	Savita Aggarwal & Jagriti Kher	GENERATE Workshop Decolonizing Gender & Climate Change in the Global South organized by UK Research & Innovation, University of LEEDS	24 th February 2022, Online

Department of Home Science (Fabric and Apparel Science)			
Assessment of Industrial Hemp Processing Units and its Application	Chanchal, Kaur, B., & Anjali	International Conference on the empirical aspects of Advancement in Sciences, Engineering and Technology	2 nd July 2021, Online
Occupational Health Hazards in Small Scale Garment Manufacturing Units	Mishra, A., Chanchal & Kaur, B.	International Conference on Fashion Apparel and Textile, Organized by Amity School of Fashion Technology, Noida	16 th -17 th November 2021, Online
Department of Home Science (Sciences)			
Recent Advances and Review on Integrated Pest Management as a Tool for Coping Stored Grain Pests	Rachna Kapila	International Conference on Insect and Plant Biology:2021, Mahatma Hansraj Faculty Development Centre (A Centre of MoE, Govt of India)	8 th October 2021, Online
Department of Home Science (Physiology and Promotive Health)			
Malnutrition in elderly and its relation to pain, depression and anxiety	Manjula Suri	IBRO-APRC Nepal Associate School on “Neurophysiology of Pain Mechanism to Medicine” held at Department of Physiology, Nepalgunj Medical College, Chisapani, Nepal	4 th September 2021

2.10 Research Paper Presentations in State/ National Level Conferences/ Seminars/ Workshops

Title of the Paper	Name of the Author(s)	Title of Conference/Seminar/ Workshop	Date/Place/ Mode
Department of Biochemistry			
Newbies in Bioinformatics	Anshika, Yo Yehudi	Bioinformatics Open Source Conference	29 th July 2021, Online
Assessment of the various iodine detection methods in biological samples	Gauri Bhagat, Urvashi Lomas, Bhupender Kumar & Taruna Arora	International Virtual Conference on Plant Physiology and Biochemistry	19 th January 2022, Online

Investigations of the efficacy of the various diets on diabetes	Anshika, Priya, Swetha G., Bhupender Kumar & Taruna Arora	International Virtual Conference on Plant Physiology and Biochemistry	19 th January 2022, Online
Role of elevated blood pressure and circulating Iodine levels in Thyroid functioning	Manjri, Shephali, Bhupender Kumar & Taruna Arora	International Conference on Plant Physiology and Biochemistry	19 th January 2022, Online
Epigenetics mechanism in distinct molecular subtype of breast Cancer	Gauri Bhagat	International Virtual Conference on Plant Physiology and Biochemistry	19 th January 2022, Online
Effect of Type 2 Diabetes on Cardiovascular disease	Taruna Arora, Bhupender Kumar, Himanshi & Riya Roy	International Virtual Conference on Plant Physiology and Biochemistry	20 th January 2022, Online
Department of Home Science (Development Communication & Extension and Journalism)			
Digital Literacy: A tool for Women Empowerment during COVID-19 Pandemic	Neeti Vaid & Bableen Kaur	ICSSR sponsored National webinar 'Socio- economic-political implications of Covid-19 on women in India' at Kalindi College, University of Delhi	10 th – 11 th June 2021
Making women climate literate for equity and inclusion	Jagruti Kher & Savita Aggarwal	National Conference on Learning (NCL 2021), Department of Education, Lady Irwin College, University of Delhi	26 th November, 2021
Digital illiteracy of women: A roadblock to effective use of ICT enabled healthcare initiatives”	Akshima Sharma, Savita Aggarwal & Geeta Punhani	National Conference on Learning (NCL2021), Department of Education, Lady Irwin College, University of Delhi	26 th November, 2021
Department of Home Science (Resource Management and Design Application)			
The complexity of SARS-CoV-2 virus transmission in the indoor environment at public facilities	Pratima Singh	Webinar on “IAQ factors responsible for COVID transmission”	10 th August 2021, Online

2.11 Online/face-to-face Faculty Development Programmes (FDP)/Professional Development Programmes, Orientation/Induction Programmes, Refresher Course, Short Term Course etc. Attended by Faculty

Name of the Teacher	Title of the Programme	Duration	Type (Orientation/ Refresher/ Short Term etc.)
Department of Biochemistry			
Dr. Meenakshi Vachher	Online Conference on 'Biobanking to omics: Collecting the global experience'	13 th - 14 th January 2022	Online conference
Dr. Meenakshi Vachher	Faculty Development Programme on 'NEP-2020: Delhi University Undergraduate Curriculum Framework' 2022 organised by Mahatma Hansraj Faculty Development Center, Hansraj College	27 th - 29 th January 2022	Faculty Development Programme
Dr. Meenakshi Vachher	Symposium on 'Emerging trends in translational research-ETTO 2022'	18 th - 19 th February 2022	Symposium
Dr. Meenakshi Vachher	'Recent Trends in Brain Research: Unlocking the mysteries' organised by International Brain Research Organization, Institute of Home Economics University of Delhi & Indian Academy of Neurosciences	22 nd - 23 rd March 2022	Symposium
Dr. Taruna Arora	Faculty Development Programme on 'Curriculum Development, Research and Publication Ethics' organised by Department of English and Other Foreign Languages, SRM Institute of Science and Technology, Chennai	2 nd - 9 th August 2021	Faculty Development Programme
Dr. Taruna Arora	Faculty Development Programme on 'National Intellectual Property Awareness Mission (NIPAM)' organised by Office of Controller General of Patents, Designs and Trade Marks, Intellectual Property office India.	9 th March 2022	Faculty Development Programme
Dr. Taruna Arora	Three-day workshop on 'Soft skills development' organised by J.M. Patel Arts, Commerce & Science College, Bhandara and M.S.P. Mandal's Shri Shivaji College, Parbhani	3 rd - 5 th February 2022	Workshop

Dr. Taruna Arora	Two weeks Hands-on Workshop on 'Next Generation Bioinformatics Approaches in Infection Biology' organised by Department of Biotechnology, Jaypee Institute of Information Technology, Noida	4 th - 15 th April 2022	Workshop
Dr. Taruna Arora	National Level Faculty Development Programme on 'Data Analysis with Statistical Package for the Social Sciences' organised by Seshadripuram Academy of Business Studies (affiliated to Bangalore University)	27 th April – 6 th May 2022	Faculty Development Programme
Dr. Taruna Arora	International Virtual Conference on 'Plant Physiology and Biochemistry (IVCPB-2022)' organised by Department of Botany, Fatima Mata National College (Autonomous), Kollam	19 th - 20 th January 2022	Conference
Dr. Taruna Arora	'Recent Trends in Brain Research: Unlocking the mysteries' organised by International Brain Research Organization, Institute of Home Economics University of Delhi & Indian Academy of Neurosciences	22 nd - 23 rd March 2022	Symposium
Dr. Sandeep Yadav	Faculty Development Programme on 'Curriculum Development, Research and Publication Ethics' organised by Department of English and Other Foreign Languages, SRM Institute of Science and Technology, Chennai	2 nd - 9 th August 2021	Faculty Development Programme
Dr. Sandeep Yadav	Faculty Development Programme on 'Information and Communication Technology Usage in Teaching' organised by Government First Grade College, Siddakatte, Department of Collegiate Education, Government of Karnataka	11 th - 22 th August 2021	Faculty Development Programme
Dr. Sandeep Yadav	Faculty Development Programme on 'Implementation of National Education policy- 2020' organised by AICTE Training and Learning (ATAL) Academy	24 th - 28 th January 2022	Faculty Development Programme
Dr. Sandeep Yadav	Faculty Development Programme on 'Instrumental Methods of Analysis' organised by Chemphilic Society, Department of Chemistry, Rajdhani College, University of Delhi	12 th - 18 th February 2022	Faculty Development Programme

Dr. Sandeep Yadav	Faculty Development Programme on 'Research Methodology & Data Analysis' organised by BPS Institute of Teacher Training and Research, BPSMV, Khanpur, Sonapat, Haryana	22 nd - 28 th February 2022	Faculty Development Programme
Dr. Bhupender Kumar	'Recent Trends in Brain Research: Unlocking the mysteries' organised by International Brain Research Organization, Institute of Home Economics University of Delhi & Indian Academy of Neurosciences	22 nd - 23 rd March 2022	Symposium
Dr. Savita Bansal	Workshop on 'Digital modules of Genes to Pathways' organised by DeCodeLife	2 nd - 17 th August 2021	Workshop
Dr. Savita Bansal	"Recent Trends in Brain Research: Unlocking the mysteries" organised by International Brain Research Organization, Institute of Home Economics University of Delhi & Indian Academy of Neurosciences	22 nd - 23 rd March, 2022	Symposium
Department of Elementary Education			
Ms. Ruchi Mittal	Faculty Development Programme on 'Academic Writing for Research' organised by Teaching Learning Centre, Ramanujan College, University of Delhi in collaboration with Poddar International College, affiliated to University of Rajasthan Jaipur, Rajasthan under the aegis of Ministry of Education under PMMMNMST, University of Delhi	21 st - 27 th March 2022	Faculty Development Programme
Ms. Deepti Saini	Faculty Development Programme on 'Academic Writing for Research' organised by Teaching Learning Centre, Ramanujan College, University of Delhi in collaboration with Poddar International College, affiliated to University of Rajasthan Jaipur, Rajasthan under the aegis of Ministry of Education under PMMMNMST, University of Delhi	21 st - 27 th March 2022	Faculty Development Programme
Department of Home Science (Development Communication & Extension and Journalism)			
Dr. Jagriti Kher	Webinar on 'Understanding Plagiarism Detection Software Ouriginal' organized by University of Delhi in Association With eGalactic Pune	30 th July 2021	Webinar

Ms. Manpreet Kaur	Webinar on 'Understanding Plagiarism Detection Software Ouriginal' organized by University of Delhi in Association With eGalactic Pune	30 th July 2021	Webinar
Ms. Bableen Kaur	Webinar on 'Understanding Plagiarism Detection Software Ouriginal' organized by University of Delhi in Association With eGalactic Pune	30 th July 2021	Webinar
Department of Home Science (Fabric and Apparel Science)			
Dr. Jyoti Aggarwal	Webinar on 'Understanding Plagiarism Detection Software Ouriginal' organized by University of Delhi in Association With eGalactic Pune	30 th July 2021	Webinar
Dr. Jyoti Aggarwal	Webinar on 'Power your Research with Scopus' organised by University of Delhi	23 rd November 2021	Webinar
Dr. Jyoti Aggarwal	Webinar on 'Discover Emerald Sources for your academic excellence and research' organised by University of Delhi	18 th January 2022	Webinar
Dr. Bhupinder Kaur	Faculty Development Programme on 'MS Excel Essentials with Statistical Analysis for Academicians' organized by the Centre for Statistical Analysis (CSA) and Department of Statistics, Rajagiri College of Social Sciences	25 th - 27 th April 2022	Faculty Development Programme
Department of Home Science (Food & Nutrition and Food Technology)			
Ms. Deepshikha Kataria	Two-week Faculty Development Programme on 'Managing Online Classes & Co-creating MOOCS 10.0' organized by the Teaching Learning Centre, Ramanujan College, University of Delhi under the aegis of Ministry of Education	13 th - 27 th December 2021	Faculty Development Programme
Ms. Deepshikha Kataria	MOOC Programme of SWAYAM on 'Research Ethics'	February 2022	MOOC Course
Department of Home Science (Resource Management and Design Application)			
Dr. Ritu Atheya	Webinar on 'Understanding Plagiarism Detection Software Ouriginal' organized by University of Delhi in Association With eGalactic Pune	30 th July 2021	Webinar

Department of Home Science (Physical Education and Sports Sciences)			
Dr. Namita Saini	National Webinar on 'Holistic Approach of Yoga & Sports Ayurveda for the Performance Enhancement of Elite Athlete' organized by Sports Authority of India - Lakshmi Bai National College of Physical Education in collaboration with Morarji Desai National Institute of Yoga, Ministry of AYUSH, Government of India, New Delhi and National Institute of Ayurveda, Jaipur	25 th September 2021	Webinar
Dr. Namita Saini	Three days Certificate Workshop on 'Yogasna & Pranayama' organized by the Department of Physical Education & Sports Sciences, Deshbandhu College under the aegis of Vidya Vistar Scheme.	22 nd - 24 th December 2021	Workshop
Dr. Namita Saini	Webinar on 'Understanding Plagiarism Detection Software Ouriginal' organised by University of Delhi in association with eGalactic Pune	28 th January 2022	Webinar
Department of Home Science (Physiology and Promotive Health)			
Dr. Manjula Suri	'Recent Trends in Brain Research: Unlocking the mysteries' organised by International Brain Research Organization, Institute of Home Economics University of Delhi & Indian Academy of Neurosciences	22 nd - 23 rd March 2022	Symposium
Department of Microbiology			
Dr. Arti Nigam	'Training on BSL-3' organised by Department of Biochemistry, South Campus University of Delhi	19 th - 25 th July 2021	Training Programme
Dr. Arti Nigam	12-weeks Faculty Development Programme organised by NPTEL on 'Genetic Engineering Theory & Applications'	25 th July - 17 th October 2021	Faculty Development Programme
Dr. Arti Nigam	Online Certificate Course on 'Bioinformatics' organised by MBSI	January 2022	Certificate Course

3. DEPARTMENTAL ACTIVITIES

3.1 About the Departments

3.1.1 Department of Biochemistry

The Department imparts meticulous training to the students to shape them into Biochemistry professionals with conceptual clarity and updated laboratory skills. Theoretical knowledge as well as extensive hands-on practical training are provided to students in various advanced level theory and practical subjects. Analytical and problem-solving skills are developed in students to cultivate competence in research and innovation. Workshops, symposia, webinars, quizzes, educational trips and personality development programs are a part and parcel of departmental activities. Eminent scientists from various research institutes and industries are regularly invited to ignite the minds of budding Biochemists. Students are also encouraged to undertake in-house research projects and summer internships that aims to help students gain exposure to cutting-edge research facilities, develop essential practical skills and learn effective scientific communication. The Department has competent faculty members with vast teaching and research experience. Also, non-teaching technical staff is well versed and provides great support in conducting practicals. The Department has well equipped laboratories with various instruments like UV- Visible spectrophotometers, Colorimeters, PCR machine, CO₂ incubator, ELISA reader, laminar flow culture hood, BOD, Microscopes and Horizontal as well as Vertical Electrophoresis units.

Major Activities in Year 2021-22

The Department of Biochemistry virtually organized events including webinars and debate to mark the International Cancer Day on 4th February 2022. The department also conducted a few in-house projects with the students.

3.1.2 Department of Elementary Education

The Department of Elementary Education offers a four-year integrated Bachelor of Elementary Education (B.El.Ed.) programme to students after the senior secondary (class XII) stage of school. This is a bilingual programme, conceptualized by the Maulana Azad Centre for Elementary and Social Education (MACESE) of the Department of Education, University of Delhi. Launched in the academic year 1994-95, the programme was an attempt towards fulfilling the need for professionally qualified elementary school teachers. The programme is intensive and focused to prepare teachers by providing a supportive and stimulating environment. A good number of B.El.Ed. graduates of the Department have been placed in government and private schools as professionally qualified elementary school teachers. Others are pursuing post-graduate studies and research in disciplines like education, linguistics, psychology, languages, history, social work, sociology, mathematics, environmental studies and political science. Many B.El.Ed graduates

are pursuing research in educational studies in Central Universities and some of them are working as teacher educators.

Major Activities in Year 2021-22

Depending on the functioning mode, several initiatives were undertaken to impart fruitful learning experiences for both faculty members and students. A number of activities were planned across the academic year with the objective of curricular enrichment and overall development of students. Events and activities were considered of immense importance by the participants and witnessed enthusiastic participation of students across colleges and universities. The events included a series of workshops aiming to impart knowledge and understanding on making education inclusive for all, pedagogical aspects of social science teaching, environmental concerns, philosophies of education, innovative pedagogies, a field visit to Digantar, Rajasthan as well as a panel discussion on writing reflective journals. Across the academic session, efforts were made to strengthen the advisory system in the department and faculty members made immense efforts in reaching out to diverse groups of students. Also, several faculty members of the department were invited as resource persons and experts across several institutions of national and international repute. Research papers, chapters in books and presentations were made by several faculty of the department across various platforms.

3.1.3 Department of Home Science (Development Communication & Extension and Journalism)

Communication has the power to touch and transform human lives by empowering them with information and knowledge. In the backdrop of this normative premise, the Department offers specialization in Development Communication and Extension in the form of a B.Sc. Home Science course. The Department started offering B.A. (Hons) Journalism programme in 2017-18 academic year. The Department focusses on importance of communication in all aspects of personal, professional, and public life as well as the centrality of communication to culture and vice versa. The Department prepares students for leadership goals in development sector, media industries, and trains them to critically analyze ways in which communication and media reflects, represents, and influences the world.

Our students receive training both at theoretical as well as practical levels of communication through the use of modern ICTs and traditional media forms. The thrust of the Department is on a multitude of practice-based skills and knowledge structures that allows students transition smoothly and confidently from seminars rooms to real-time work spaces. At the Department studio and audio lab, students train and undertake production of radio programs, short films, documentaries, participatory videos, digital stories, photo features, power point presentations, newsletters and audio-visual shows. Besides, print as well as

traditional media genres such as educational floor and board games, grassroots comics, posters, infographics, advertisements, flip charts, flash cards, bulletin board, street play and puppetry are also designed and developed. Furthermore, field visits, interaction with community members at the grassroots level, conversations with the industry, seminars, workshops and lectures by experts, inter-college and intra-college competitions are an integral part the course.

Major Activities in Year 2021-22

The Department aims to provide industry Academia interface and to equip students of current generation with new-age technologies in the field of communication, extension, journalism, advertising, radio production, to name a few. In order to provide an interface with the industry the Department organized 21 seminars, workshops, talks and webinars. Educational visits form a valuable part of curriculum of the Department of Development Communication, Extension and Journalism as it provides an opportunity of experiential learning to students. An educational visit to All India Radio was organized for the students of B.A. (Honours) Journalism, Semester 4 as well as B.Sc. (Honours) Home Science, Semester 4. The students visited All India Radio News Division where they were oriented about the whole programming and functioning of the radio station. Exposure to the main newsroom and the recording studios was also provided. Students personally interacted with the RJs, producers, music controllers and the coordinators at the AIR studio rooms.

The students of the media club of the Department participated in an International Exchange event titled 'Let's Talk Together! SDGs through International Exchange' - Think, Discuss & Act globally where students from Korea, Japan & USA participated, and created a documentary titled 'Hunger - A lost war?' The video has been submitted on the YouTube channel - SDGs through International Exchange. The students won first prize for the presentation.

Comscape, the annual academic festival of the Department was organized on 7th April 2022. The event encompassed various educational and fun activities being organized for the students. The event included eminent personalities interacting with the students. The keynote lecture 'Women and Camera' was delivered by Dr. Sabeena Gadihoke, Documentary Filmmaker, Camera person, Professor, Video and TV production, AJK MCRC Jamia Millia Islamia. An interactive workshop on 'Creating Community Videos: The Art of Crafting Stories' by Mr. Vishal Vardhan, Senior Executive Producer at Digital Green was organized. To provide students an opportunity to showcase their skills, competitions such as photography, RJ Hunt were organized. Activities like Treasure Hunt and Goonj - the street theatre competition saw enthusiastic participation.

The Department has a strong alumni network which helps increasing the chances of global employment as the students are informed about the skill-sets companies are looking for, soft skills and other aspects of the job or similar roles. Every year, the Department organizes an Alumni Interaction session for the students. This year an Alumni interaction session was organized on 26th March 2022, in an online mode. The four distinguished alumni invited were Ms. Shyna Singh, Professional, Ministry of Information and Broadcasting, Government of India, Ms. Shreya Gulati, Account Executive, AvianWE, Ms. Anamika Dubey, Creative Director, Kaboodle Innovations, and Ms. Himanshi Saini. The distinguished alumni of Department shared their journey, experiences, and scope with the current batch of students. The students got an insight into the different experiences and practices which will be beneficial to them once they enter their professional field. The session enriched the overall experience of the students and provided them with a competitive advantage in the current global job market.

3.1.4 Department of Home Science (Fabric and Apparel Science)

Department of Fabric and Apparel science aims at the following objectives:

- To create awareness of current trends, recent developments and technological changes happening in the field of Fabric and Apparel Science.
- To appreciate the heritage of textiles to draw inspiration for the present.
- To equip students with necessary knowledge and skills for creative, managerial and technical careers as well as entrepreneurship.

The Textile and apparel sector is a vital constituent of the Indian economy and a significant provider of employment and self-employment opportunities. The Department offers B.Sc. degree in Home Science (Hons. and Pass), M.Sc. degree in Fabric and Apparel Science as well as Ph.D. degree, which is designed to cater to the needs of the textile and clothing industry as well as the education sector. The Department has well equipped laboratories for imparting hands-on training to our students. Students are given the opportunity to gain first hand practical knowledge on drafting blocks and making basic/ advance patterns. dyeing and printing of textiles, garment manufacturing and fabric testing. To further enhance students' exposure, various field visits are planned throughout the year. The course balances traditional textiles and design on one end, fabric and garment processing and quality control on the other end. The students are given extensive theoretical knowledge as well as practical input by way of rigorous experimental work, portfolio development and industrial training. The two year long Masters programme provides in-depth research and documentation as dissertation. The student of M.Sc. study papers on Advanced Fabric Science and Quality Assurance, Pattern Making and Apparel Production, World Textiles, Dyeing and Printing, and

Marketing and Merchandising. Students have various job options after completing the course, in dyeing and printing houses, craft-based NGOs, and in apparel production centres as designers, merchandisers or quality control and textile testing labs as well as in academics.

Major Activities in Year 2021-22

The Department organized various seminar and talks on technology and sustainability in the year 2021-22. Technical talks were organised on “Protective Clothing for Workers in Cement Industry” by Ms. Shweta Saxena, (NITRA Ghaziabad), Innovating Technical and Traditional Textiles” by Prof. Somesh Singh, Co-Founder of Craft Village, Alumni of NIFT, Gandhinagar and Former Director & Member of Board of Governors of Institute of Apparel Management, “Innovative Technologies in Apparel Sector in Current Context” by Mrs. Girija Jha, Associate Professor, Department of Fashion technology, NIFT Delhi. Two online Workshops were organized by Department on “Shades of Yellow with Natural Dyes” and “Innovative Hacks of Denim”.

Ms. Shivali Sahni received the University Medal for securing the first position in M.Sc. Fabric and Apparel Science in 2021. Fifteen students of M.Sc. also underwent training as part of their internship programme from May to August 2021.

The faculty of the Department were also involved in organizing a community outreach workshop, publishing research papers in Journals and chapters in a book.

3.1.5 Department of Home Science (Food & Nutrition and Food Technology)

The Department of Food & Nutrition and Food Technology (FNFT) offers various subjects related to the field at the undergraduate level as a part of B.Sc. Home Science (both Hons and Pass course) and BSc (Hons) Food Technology curriculum. In addition, at the post-graduate level, the Department offers a one-year post graduate Diploma in Dietetics and Public Health Nutrition, and a two-year Master’s degree in Food and Nutrition. Under the auspices of University of Delhi, the Department also offers a Doctoral programme.

To widen the horizon of the students, the department holds seminars, workshops and lectures from time to time by eminent people working in the field of Nutrition and Food Technology or in collaboration with organizations related to these fields. Apart from this, the students and faculty are encouraged to participate and present papers at various National and International conferences. The department is actively engaged in community-based programmes for imparting nutrition and health messages to the vulnerable sections of

the society such as the under-privileged, young children, adolescent girls, pregnant and nursing mothers and elderly. Several research projects have been undertaken by the department, in collaboration with ICMR, DST, World Bank, UNICEF, Micronutrient Initiative, HelpAge India and other government and International organizations as well as industry. The faculty is involved in activities of various professional societies such as Nutrition Society of India, Indian Dietetic Association, Association of Food Scientists and Technologists, India (AFSTI). The faculty is represented on various research and advocacy Committees constituted by the Government.

At the undergraduate level, the students are given knowledge of Food Science, Nutritional requirements for diverse age groups, Public Nutrition, Nutritional Biochemistry, Therapeutic Nutrition, Food Processing as well as Food Safety. The students undergo rigorous practical training too in the above areas to make the learning holistic. The learning is multifaceted as the students opting for this major are also given knowledge of management, entrepreneurship development, human development etc. The Post-graduate Diploma in Dietetics and Public Health Nutrition is a comprehensive course dealing in subjects such as Therapeutic Nutrition, Public Health Nutrition and Institutional Food Management. Courses in Nutrition Research, Nutritional Biochemistry, Food Microbiology and Safety and Applied Physiology are offered alongside to support the specialized courses. An internship in a multi-specialty hospital at the end of the programme enables the students to get hands-on training in patient care and dietetic management. The Master's programme in Food and Nutrition offers specialization in Clinical Nutrition, Public Health Nutrition and Programme Planning as well as Food Science and Processing. As a part of this course, the students undertake a four-week internship and conduct research work in different areas of Nutrition for their dissertation in addition to undertaking field visits and community work.

Major Activities in Year 2021-22

The Department of Food and Nutrition and Food Technology organized several activities such as webinars, workshop, competitions, internships, community outreach sessions etc. throughout the year besides regular academic activities to fulfil its commitment towards building a cadre of excellent and productive professionals in the field of nutrition and food technology. The academic fest of the Department was celebrated during the *Rashtriya Poshan Maah* in September 2021. A webinar was organized on “The way ahead for good health: Can Ayurveda be our lamp shedding its light for the 21st century?” by Dr. Shobha Udipi, Hon. Director, Integrative Nutrition and Ayurceuticals, Medical Research Centre-Kasturba Health Society, Mumbai. Various inter-college competitions such as a quiz competition, a traditional recipe competition on “Millets: Ancient grains for healthier life”, video-making competition on the theme “Grow Your Own Herbal Plant” were also organized. Three community outreach sessions were organized to fulfil

the Department's commitment towards increasing nutrition awareness. An online workshop on "Yoga for Health and Fitness" by Ms. Ankita Saini, a *Yoga* expert, was organized in collaboration with the Department of Physical Education and Sports Sciences. The Department also started a *Poshan Vatika* in the college in collaboration with the NSS Unit during the National Nutrition Month. Other competitions such as a Poster competition on the theme "Breastfeeding – A shared responsibility" was organized to celebrate the World Breastfeeding Week in August 2021. To celebrate the World Food Day, an inter-college online quiz competition was organized and the Food Technology students conducted a community outreach session on "Food Safety: Everyone's Business" in collaboration with EITP Foundation in October 2021. In March 2022, a webinar by Ms Gurdeep Kaur Shetty, Dietician, Department of Dietetics, All India Institute of Medical Sciences, New Delhi on "Assessing Nutrient Intakes" using DietCal software and a chocolate-making and packaging competition "Choco Re-capture" were organized. To celebrate *Poshan Pakhwada*, two community outreach sessions were organized by the Department on "Infant and young child feeding" and "Detection of food adulterants at household level" in March 2022. On the occasion of World Health Day, a webinar on "Lifestyle Management of Non-Alcoholic Fatty Liver Disease: A Dietitian's Perspective" by Dr. Namrata Singh, Assistant Professor, Discipline of Nutritional Sciences, School of Continuing Education, IGNOU was organized in April 2022.

Internships at various organizations were organized for students of M.Sc. Food and Nutrition in June - August 2021 as well as June - July 2022. Students of Post Graduate Diploma in Dietetics and Public Health Nutrition undertook internships at hospitals across Delhi NCR and Punjab, and Food Technology students undertook internships at various food-based organizations.

3.1.6 Department of Home Science (Human Development and Childhood Studies)

The Department of Human Development and Childhood Studies is an undergraduate department that endeavors to provide an understanding of human development across the lifespan. The engaging curriculum encompasses the study of the child and the family in the diverse socio-cultural contexts and a world that is constantly changing. The focus of the Department is to provide a multifaceted and wide perspective towards various issues and concerns like child and human rights, gender issues, social justice, child survival, children with special needs and needs of the elderly.

To widen the horizons and perspectives of the students, the department organizes lectures, workshops and seminars on a regular basis. The Annual academic fest is one of the highlights of the Department, where renowned speakers are invited from various walks of life to provide enriching learning experiences to our students.

The Department combines both theory and practice and encourages research, taking a multidisciplinary approach in transaction. The aim is to prepare professionals to be able to deal with diversity, the immense contemporary concerns and the changing world through academics, research, and outreach. During the three years the students are exposed to a range of experiences through workshops, field visits to organizations working with children and women, seminars and interactions with experts and placement in NGOs. Additionally, the Department offers short-term courses from ranging from Early Childhood Care and Education to Diversity and Inclusion.

The Department continuously gains immense experience by engaging in 'hands on' experience through its lab school, *Aarambh*. It emphasizes on continual learning by creating vibrant and eclectic teaching- learning that goes beyond curriculum and culminates in learning for life. The school caters to children in the age group of 2 - 4 years and runs a day care for children between ages of 2 and 8 years.

Major Activities in Year 2021-22

Continuing with the Department's emphasis on expanding the experience of students, several webinars and workshops were organised in collaboration with experts and other agencies in the year 2021-22. These included webinar for students on "Counselling for Self-Development and Wellbeing" by Saiba Nangia, OMNI, "Bystander Training against Street Harassment" by Breakthrough, for all semester 6 students, "Reproductive Health Basics" by TARSHI, "Life Skills during Adolescence" by Deepashree Jakhade, "Yoga and Mindfulness" by Ms. Anshu Tripathi, Workshop series on "Understanding Gender" (Gender and Media and Gender-based violence) by Ms. Shubhika from FIFE, "Developing Practices for Wellbeing" by Ms. Urvashi Puri.

Academic festival of the Department was held on 26th and 28th February 2022. Since classes had just resumed in the offline mode, the festival provided the students with a wonderful introduction to college life and activities. The Academic festival was a *mélange* of webinars, workshops and student-led activities that included a workshop on "Sensitization on Child Rights and Laws" by Project CACA; workshop on Gender and Public Space", "Reclaiming the City one Step at a Time" by The Urban Catalysts; Student platform "Tell it to the Walls" by Voices, the IHE Mental Health Society; student facilitated discussion "Do Foetus with Disability have the Right to life?".

Activities were planned to mark several international days. International Women's Day was celebrated on 8th March 2022 by the students with an activity for free expression "What you believe?"; a session on Intersectional Feminism" by Ms. Shubhika, FIFE; and "Doing Gender: Student facilitation" and presentation.

3.1.7 Department of Home Science (Resource Management and Design Application)

The Department of Resource Management and Design Application is committed to impart new ideas, knowledge and vision of latest developments in the field of management, sustainability and designing. It offers multidisciplinary education and enables the students to be equipped to respond to the dynamic and ever-changing requirements of the industry. The Department of RMDA demonstrates and exemplifies progression of various departmental activities each semester for creating awareness and encouragement in the domain area amongst its students.

Apart from regular academics, different activities like interactive sessions, workshops, webinars, and field-visits were organized for fostering academic excellence amongst students. Expertise lectures and interactive sessions on management and entrepreneurship were organized from time to time for developing entrepreneurial management skills within students in terms of self-employment and micro-enterprise management for developing project proposals. Each year, the department celebrates its academic day or week 'Oracle' with different themes which are highly relevant in today's context. Students have been provided with competence and designing skills in planning spaces (both interior and exterior) with ergonomic considerations. Various workshops have been organized in collaboration with the reputed institutes to provide students an experiential learning.

Besides regular courses, the department has successfully organized various short term certificate courses in the area of Life skill enhancement, Personality development and Event Management. The Eco-club of the department '*Prakritik*' organized several activities to promote sustainable development and community empowerment by conducting action-based programs. These action oriented programmes in the department have given opportunities to students to work and learn towards a greener and sustainable lifestyle.

Therefore, Department of Resource Management and Design Application, in totality, can be seen as a multi-dimensional subject with diverse scope for students ranging from delicate designing to vigorous entrepreneurial activities combined with managerial competencies. There is an ocean of opportunities and invaluable guidance of dedicated teachers for students to attain excellence in their work and fulfill all their aspirations.

Major Activities in Year 2021-22

Department of Resource Management and Design Application, Eco-Club '*Prakritik*' in collaboration with 'National Institute of Disaster Management' conducted a webinar to observe 'International Day for Disaster Reduction 2021' with the view to introduce the key concept of Disaster Risk Reduction (DRR) to the students and building resilience. Besides this, the Department also participated and inaugurated the

Vegetable Garden '*Poshan Vatika*' in the College premises with the event supporting Partner, IPCA. A workshop on 'Water Conservation' by Mr. Ramveer Tanwar, Founder of NGO Say Earth, Environmentalist & TEDx Speaker was held in collaboration with the NSS Unit of the college to discuss the solutions to rejuvenate lakes and ponds. E-Summit-2021 on the theme 'Entrepreneurship- Sensing Opportunities & Building Resilience' was also organized to comprehend students' knowledge in the area of entrepreneurship, exploring the latest trends and shifts in the entrepreneurial ecosystem and channeling their prospective start-up ideas in appropriate path.

3.1.8 Department of Home Science (Sciences)

The Science Department of the college comprises three branches of science: Biology, Chemistry and Physics, which play an important role in the fundamental development of interdisciplinary courses such as Home Science, Microbiology, and Biochemistry.

The Department of Biology presents the basic and practical elements of botany, zoology, and environmental sciences to its students. The Department features two well-equipped student laboratories, and has staff that provides guidance, mentorship, and support to the students. The Department's expertise extends from Entomology, Plant-Microbe Interaction, and Environmental Studies. The Department manages small and large research projects and has published various research papers in national and international journals of great repute. The Department educates students about the causes and transmission of diseases that are relevant to their daily lives. The faculty is also actively involved in the writing of student-friendly textbooks. The Department also organises lectures, webinars, and conferences for students in order to make them aware of current research. Students and faculty at the Department of Biology are partners in this journey on an equal footing.

Major Activities in Year 2021-22

The primary goal of Biology Department is to plant the seed of knowledge in the minds of young people so that they can excel in the field of modern science. Several initiatives, in addition to the usual academic activities, were organised throughout the year to fulfil this pledge, including webinars, student workshops, intercollege poster making and videography competitions, and environmental awareness. On 6th September 2021, the session was kicked off with the inauguration of the vegetable garden "*Poshan Vatika*". The event was followed by an intercollege online poster competition and a discussion and interactive session/webinar on the "Impact of Ozone on Plants and Animals" by Dr. Arun Kumar Maurya, Assistant Professor, Department of Botany, Multanimal Modi College, C.C.S. University, on 16th September 2021. To encourage students to engage in home gardening, the Department of Biology, in collaboration with the Environment and Community Outreach Committee, organised two workshops on 1st October 2021 in hybrid mode (offline and online) and 30th March 2022 (offline mode). Dr. Mamta Bhardwaj, Assistant Professor at Hindu Girls College in Sonipat, Haryana, presided over the session. Around 60 people attended both

workshops, including students and staff members from several colleges. On 28th September 2021, the Department of Biology, in collaboration with the Environment and Community Outreach Committee, organised an intercollege videography competition, in which students were required to document their gardening abilities. In order to increase environmental consciousness, a scientific talk was organised for first-year students on "*Climate Change and its Implications in Polar Ecosystems*" on 16th February 2022. Dr. Naveen Kumar, Geoscience Division PRL, Department of Space, Ahmedabad, Gujarat, enlightened the students with his knowledge and scientific understanding.

3.1.9 Department of Home Science (English)

The Department of English offers courses in both language and literature to the students. Those enrolled in Home Science (Pass and Honours), Microbiology, Biochemistry, Food Technology and Journalism are taught English communication skills as part of the compulsory AECC paper, in the first year of their undergraduate studies. The curriculum aims to improve the listening, speaking, reading and writing skills of the students with the aim of preparing them to face the challenges of higher studies or of a work environment.

The Department also offers an English literature course as a Liberal Option to the students enrolled in the B.El.Ed. programme, in the second and third year of their undergraduate studies. The focus of the curriculum is to acquaint students with a wide array of literary works, from the 16th century onwards to the present day. The students are trained to develop their analytical and critical abilities and fine tune their writing skills, in order to address their professional needs and requirements as future educators.

Major Activities in Year 2021-22

The Department was involved in organizing an International Virtual Symposium "Recent Trends in Brain Research: Unlocking the Mysteries" on 22nd – 23rd March 2022," under the aegis of DBT Star College Scheme conducted in collaboration with the International Brain Research Organization Asia Pacific Regional Committee (IBRO-APRC) & Indian Academy of Neurosciences (IAN).

3.1.10 Department of Home Science (Physical Education and Sports Sciences)

The Department lays great emphasis on shaping the overall personality of students, and works towards improving the health, fitness and wellbeing of the staff and students. The Department also engages with the Elementary Education department to teach Physical Education as part of their course work. General Elective papers of Physical Education are also taught to B.Sc. (Hons.) Home Science students in the 1st year.

Major Activities in Year 2021-22

The Department of Physical Education and Sports Sciences contributed towards creating awareness amongst the students about the importance of physical activity, *yoga* and meditation in daily life to attain physical fitness and mental wellbeing. Students were motivated to do *Suryanamaskar* and other exercises to keep themselves fit and healthy, and to do *Pranayamas* and meditation for stress management. Students were motivated and trained online to participate in online sports and *yoga* competitions. The Department organized a workshop on “*Yoga for Health and Fitness*” in collaboration with the Department of Food & Nutrition and Food Technology in September 2021. More than 50 students from Elementary Education 2nd year and B.Sc. (Hons.) Home Science-Semester 1, Sections A & B were motivated to participate in the 3-day certificate workshop on “*Yogasana & Pranayama*” organized by the Department of Physical Education & Sports Sciences, Deshbandhu College under the aegis of *Vidya Vistar* Scheme from 22nd to 24th Decemembr 2021 and the Government initiative of 750 million *Suryanamaskar* challenge for 21 days on the auspicious occasion of the 75th anniversary of Independence of India. Students were also motivated to participate in the Constitution Quiz 2021-2022, organized by Ministry of Parliamentary Affairs, Government of India. The Department in association with the Sports Committee organized an online International workshop by Ms. Jaiwanti Singh, Teacher of Indian Culture and Senior *Yoga* Expert in the Bratislava City Council, Government of Slovak Republic on “*Yoga: Connecting the World*” on 4th June 2022 and a *yoga* session by Ms. Kranti Devi, *Yoga* Expert, on 21st June 2022 in the college premises, on the occasion of International *Yoga* Day. Dr. Namita Saini, attended many international and national conferences/webinars/workshops in the year 2021-22.

3.1.11 Department of Home Science (Physiology and Promotive Health)

Human Physiology is a branch of basic medical sciences which provides the framework for studying the normal body functions, mechanisms, and their interactions within an organ system in the human body. The Department of Physiology and Promotive Health specializes in various aspects of Physiology such as Neurophysiology, Nutrition, Gerontology, Sports, Exercise Physiology, as well as Medical Microbiology. The Department aims to foster the development of professional skills through a well-designed physiology curriculum; based on experiments, training, and research. The Department maintains an adequately equipped medical room under the guidance of a full-time medical nurse. It has all the basic primary first aid facilities to manage minor ailments and check blood pressure, oxygen saturation and blood glucose etc. In case of any emergency, the students are referred to government hospitals like AIIMS and Safdarjung Hospital. Regular health camps are organized in college by trained medical professionals.

Major Activities in Year 2021-22

The Department organized an International Virtual Symposium "Recent Trends in Brain Research: Unlocking the Mysteries" on 22nd – 23rd March 2022," under the aegis of DBT Star College Scheme in collaboration with International Brain Research Organization Asia Pacific Regional Committee (IBRO-

APRC) & Indian Academy of Neurosciences (IAN) attended by 236 researchers from the Asia Pacific region. Seminar and post-seminar quiz on “Reproductive Health” was organized in collaboration with National Centre for Disease Control (NCDC), Ministry of Health and Family Welfare on 8th March 2022 to celebrate International Women's Day. Dr. Manjula Suri was invited as a speaker for International Brain Research Organization (IBRO) Nepal Associate School on “Neurophysiology of Pain Mechanism to Medicine” to speak on “Malnutrition in elderly and its relation to pain, depression and anxiety” in September 2021. The Department organized COVID testing camp on 12th October 2021, 11th November 2021, and 4th January 2022. COVID awareness posters were put up around the campus for prevention of COVID.

3.1.11 Department of Microbiology

Microbiology is an applied science which deals with scientific study of microbes. It is a challenging and exciting scientific discipline. Microbiology also forms the core of Biotechnology and Molecular Biology. Recognizing the significance of Microbiology in the industry, agriculture as well as in research, the Institute started an undergraduate course in Microbiology in 1992-93. The course is being offered in only selected colleges of University of Delhi and has an intake of 39 students with six semesters. Each semester offers theory as well as practical papers which have been designed to equip the students in various aspects of Microbiology, Genetics, Biotechnology, Applied Microbiology and Biochemistry. The course is truly multidisciplinary in nature. From the academic year 2019-20, the department is offering a three years curriculum under CBCS LOCF system.

The Department has an active Microbiology Society “MICROCOSMOS” which was started in 1997. The society is actively engaged in promoting science by holding inter college competitions and seminars by eminent scientists during the department academic festival. Being a part of DBT Star college scheme, students' visits to various industries and research institutes, workshops, hands-on training sessions, talks by experts in the field of Microbiology and Biotechnology are regularly organized. The students are also encouraged to learn by participating in research project work at the department level.

The Department has well equipped laboratories with all the necessary equipment like autoclave, BOD incubators, shaker incubators, Laminar flow, Microscopes, spectrophotometers, electrophoresis units and centrifuges. The laboratory staff is well trained to provide support during practical classes.

Major Activities in Year 2021-22

As part of the star college Scheme of DBT, a plethora of activities were organized throughout the year. Scientists from Belgium and Ireland gave fantastic webinars on Probiotics. Talks by experts were arranged on topics of present-day concerns like antimicrobial resistance, IPR, biowaste, electronic waste and plastic

waste management. A number of webinars were organized where alumni were invited to deliver talks and interact with the students – Dr. Shalu Sharma gave a talk on the role of telomerase in cancer, Dr. Sagrika Halder delivered a talk on Tuberculosis and Dr. Akanshi Munjal gave a presentation on tissue morphogenesis. As a part of the skill enhancement initiative, BioNest CEO discussed Entrepreneurship in Biotechnology and Dr. Prinkaka Bajaj, another alumnus was invited to give a talk on the use of technologies in disease management. The Department celebrated International Women’s Day this year by organizing a talk and quiz competition on “Reproductive Health in Women”.

The faculty actively supervised research students and published various research papers and chapters in books at national and international level. Dr. Sunita Aggarwal was awarded “Best Teacher Award (2020-21)” at State level by Microbiologists Society, India.

3.2. Workshops/Seminars/Lectures Organized by the Departments

Title	Resource Person/Organization	Month & Year
Department of Biochemistry		
Talks to mark the International Cancer Day	Dr. Chandra Prakash Prasad, Associate Professor, Department of Medical Oncology, Dr. B.R.A. IRCH, All India Institute of Medical Sciences, New Delhi Dr. Rinu Sharma, Assistant Professor, School of Biotechnology, GGS Indraprastha University, New Delhi	4 th February 2022, Online
Department of Elementary Education		
Series of Workshops on Inclusive Teaching of the Whole Number Understanding	Ms. Garima under guidance of Azim Premji University	July-August 2021, Online
Forests as custodian of life	Apoorva Bhatia, Joy of Learning Foundation	18 th September 2021, Online
Teaching History in School	Dr. Ranjana Das, Department of History, Ramjas College, University of Delhi	21 st October 2021, Online
आज़ादी के ७५ वर्ष और गांधीजी की शिक्षा-नीति की प्रासंगिकता	Prof. Poonam Batra, Former Professor, CIE, University of Delhi	8 th November 2021, Online
Adopting inclusive practices in the classroom	Ms. Subha Chandrashekhar	November 2021, Online
Workshops on Eklavya Innovative Programme	Eklavya Organization, Bhopal, Madhya Pradesh	December – January 2021
Lesson Planning based on Universal Design for Learning	Ms. Manjushree Patil	January 2022, Online

<i>Eklavya ke Kaam se Parichay</i>	Shivnarayan, Eklavya Organization, Bhopal, Madhya Pradesh	4 th January 2022, Online
<i>Bal Sahitya aur Shikshan</i>	Deepali, Eklavya Organization, Bhopal, Madhya Pradesh	6 th January 2022, Online
Community Engagement in Education - Challenges and Opportunities	Ruchi and Nitika, Eklavya Organization, Bhopal, Madhya Pradesh	10 th January 2022, Online
<i>Shiksha main nyay aur shanti</i>	Trishala Eklavya Organization, Bhopal, Madhya Pradesh	10 th January 2022, Online
Workshops and field visits by Digantar Organization, Jaipur	Digantar Organization, Jaipur	4 th – 8 th April 2022
Panel Discussion on “Writing Reflective Journals”	B.El.Ed Final Year students (Kumkum, Diksha, Ekta, Shweta)	2 nd June 2022, Online
Department of Home Science (Development Communication & Extension and Journalism)		
Workshop on ‘Identifying Fake News, Fact Checking and Online Verification’	Ms. Monica Gulati, Official Trainer, Google News Initiative and Programme Executive in the External Service Division of All India Radio	1 st September 2021, Online
Training session by All India Radio Resource Person for developing radio programmes	Ms. Monica Gulati, Official Trainer, Google News Initiative and Programme Executive in the External Service Division of All India Radio	3 rd September 2021
Webinar on ‘Creative use of Sound in Radio Production’	Radio Jockey Manav, RJ, Actor, Director, Anchor, Radio Professional, Voice over artist, Motivational Speaker	9 th September 2021
Webinar on ‘Advertising: Avenues and Trends’	Ranjan Mazumdar, Founder RnT Communications	13 th September 2021
Talk on ‘Role of Traditional Media in Contemporary Times’	Prof. Devendra Sharma, Professor Communication, California State University, USA	14 th September 2021
Webinar on 'How and What to Listen in a Podcast: Sound and Genres of Podcasts’	Ms. Sayantani Mustafi, Podcast Creator	23 rd September 2021
Talk on 'Case Study of a Podcast’	Ms. Deepti Ahuja, Producer, HT STARCAST	25 th September 2021
Workshop on ‘Scriptwriting and Ideation for Podcast’	Mr. Athar Rather, Creative Producer, The Quint	9 th October 2021
Webinar on ‘Network and SOP’	Utkarsh Amitabh, Founder and CEO, Network Capital	18 th October 2021
Webinar on 'Where Traditional Meets Modern: Communicating through Puppetry’	Ms. Garima Arya, Director, Dramabaaz Co.	22 nd October 2021
A Talk on ‘Communicating for Health and Well Being’	Prof. Arvind Singhal, the Samuel Shirley and Edna Holt Marston Endowed Professor of Communication and Director of the Social Justice Initiative, The University of Texas at El Paso	26 th October 2021

Webinar on 'Ethical Challenges of Journalism'	Prof. Shashwati Goswami, Professor, Indian Institute of Mass Communication	28 th October 2021
Webinar on 'The Art of Broadcasting'	Mr. Raman Bhanot, Broadcaster, Anchor, Multi-Sport Commentator	10 th January 2022
Training Session on 'Stand Up against Street Harassment'	Bisma Javed, Trainer, Breakthrough Trust	13 th January 2022
Workshop on 'Communicating Knowledge: The Art and Practice of Academic Writing'	Dr. Buroshiva Dasgupta, Media Professional and Educator	2 nd February 2022
Workshop on 'Creating Community Videos: The art of crafting stories'	Mr. Vishal Vardhan, Senior Executive Producer, Digital Green	12 th February 2022
Workshop on 'Website Planning and Content Development'	Ms. Gagandeep Kaur, Brand Manager and Copywriter, Redleaf Communication	15 th February 2022
Training on 'Authorship and Ownership and Pursuit of Monetization in Digital Spaces'	Mr. Sonal Sehgal, Director, Global Honey Bee	25 th February 2022
Workshop on 'The art of Video Creation'	Ms. Monica Gulati, Program Executive and Mr. Rohit Kaushik, Editor, Doordarshan	6 th April 2022
Talk on 'Women and Camera' with special focus on the Women Photojournalists in India'	Dr. Sabeena Gadihoke, Documentary Filmmaker, Cameraperson, Professor, Video and TV Production, Digital Media Arts, AJK MCRC, Jamia Millia Islamia	7 th April 2022
Lecture on 'Information and Communication Technology for Women's Development'	Ms. Shalza Taneja, Public Health Professional, UN AIDS	8 th April 2022
Department of Home Science (Fabric and Apparel Science)		
Workshop series: Shades of Yellow with Natural Dyes	Dr. Charu Gupta, Associate Professor, & Dr. Preeti Kaur Sachdeva, Assistant Professor, Department of Fabric and Apparel Science, IHE Dr. Sunita Aggarwal, Associate Professor, Department of Microbiology, IHE	13 th , 20 th & 27 th August 2021, Online
Workshop on "Innovative Hacks of Denim"	Dr. Meena Batham, Dr. Shazia Mehtab, and Ms. Shobha Mandal, Department of Fabric and Apparel Science, IHE	30 th September & 7 th October 2021, Online

Design interpretation competition: To design range of cushions	Dr. Charu Gupta, Associate Professor, & Dr. Preeti Kaur Sachdeva, Assistant Professor, IHE	7 th – 21 st February 2022, Online
Technical Talk on “Innovative Technologies in Apparel Sector in Current Context”	Mrs. Girija Jha, Associate Professor, Department of Fashion Technology, NIFT-Delhi	26 th February 2022, Online
Technical Talk on ‘Protective Clothing for Workers in Cement Industry’	Ms. Shweta Saxena, NITRA, Ghaziabad	5 th March 2022, Online
Technical Talk on ‘Innovating Technical and Traditional Textiles’	Prof. Somesh Singh, Co-Founder of Craft Village, Alumni of NIFT, Gandhinagar and Former Director & Member (Board of Governors), Institute of Apparel Management	5 th March 2022, Online
Department of Home Science (Food & Nutrition and Food Technology)		
Workshop on “Yoga for Health and Fitness”	Ms. Ankita Saini, Yoga Expert	18 th September 2021, Online
Webinar on “The way ahead for good health: Can Ayurveda be our lamp shedding its light for the 21 st century?”	Dr. Shobha Udipi, Hon. Director, Integrative Nutrition and Ayurceuticals, Medical Research Centre-Kasturba Health Society, Mumbai	21 st September 2021, Online
Webinar on “Assessing Nutrient Intakes”	Mrs. Gurdeep Kaur, Department of Dietetics, AIIMS, New Delhi	5 th March 2022, Online
Webinar on “Lifestyle Management of Non-Alcoholic Fatty Liver Disease-A Dietitian’s Perspective”	Dr. Namrata Singh, Assistant Professor, Discipline of Nutritional Sciences, School of Continuing Education, IGNOU	8 th April 2022, Online
Department of Home Science (Human Development and Childhood Studies)		
Understanding Emotional Intelligence	Ms. Lata Singh, Meraviglia, EQ Academy	September 2021, Online
ECCE - Art and Craft	Ms. Mamta Negi	September 2021, Online
Storytelling for Preschoolers	Dr. Kavita Vasudev, Assistant Professor, Department of Human Development & Childhood Studies, IHE	September & October 2021, Online
Developing Activities for Language enhancement of preschoolers	Dr. Ritika Dabas, SCERT	September 2021
The Early Years: Workshop on Fostering Cognitive and Socio Emotional Development	Mrs Savitri Singh, ECCE Consultant	October 2021, Online

A Peek into Learning Disabilities	Ms. Reshma Bhowan, Special Educator	October 2021, Online
Stand up against street harassment: Bystander intervention on sexual harassment	Ms. Shilpy Singh	October 2021, Online
Challenges faced by Children with Disability During Pandemic	Ms. Shruti Gaur, Special Educator, DOE	October 2021, Online
<i>Kahani Unsuni</i>	Dr. Krishnaveni Achary, Assistant Professor, Department of Human Development & Childhood Studies, IHE	November 2021, Online
Stand up against street harassment: Bystander intervention on sexual harassment	Breakthrough	January 2022, Online
Understanding Gender	Ms. Shubhika, FIFE Organization	February 2022, Online
Art for Self-Development	Ms. Sunita Bajaj	February 2022, Online
Wellbeing and self-development	Urvashi Puri, MD Alternative Medicine	February 2022, Online
Promoting Wellbeing	Dr. Monica Jain, MBBS, M. Sc. Counselling	February 2022, Online
Stand up against Street Harassment	Breakthrough	February 2022, Online
Reproductive Health Basics	Ramya Anand, Tarshi	February 2022, Online
Sensitization on Child Rights related Laws: POCSO & JJ Act	Project CACA, SAI	February 2022, Online
Counselling for self-development and wellbeing	Ms. Saiba Nangia, OMNI Health Foundation	February 2022
Reclaiming the city one step at a time	Ms. Sonal Shah, Ms. Sarga, The Urban Catalysts	February 2022
<i>Yoga and Mindfulness</i>	Ms. Anshu Tripathi	March 2022
Life skills during adolescence	Ms. Deepashree Jakhade	April 2022
Department of Home Science (Resource Management and Design Application)		
Webinar on 'International Day for Disaster Reduction 2021' in collaboration with National Institute of Disaster Management, Ministry of Home Affairs, Government of India	Maj. Gen. M. K. Bindal, ED NIDM Dr. Sweta Baidya Das, Consultant, ECDRM Divison, NIDM, MHA, GoI Dr. Kopal Verma, Junior Consultant, ECDRM Divison, NIDM, MHA, GoI Mr. Harshit Sharma, Young Professional, ECDRM Divison, NIDM, MHA, GoI	11 th October 2021, Online

<p>E-Summit' 21 Entrepreneurship-Sensing Opportunities & Building Resilience</p>	<p>Prof. Sudhir K. Jain, Adjunct Professor and Former HoD, DMS, IIT Delhi, and Former Vice-Chancellor, SMVD University, Katra (J & K)</p> <p>Dr. Deepak L. Waikar, Founder and Managing partner of Edu Energy Singapore</p> <p>Mr. Dipinder Sekhon, CEO and Co-Founder of Kritikal Solutions Mrs. Anupama Singh, CEO & Co-Founder of Interview Cracker IIT</p> <p>Panelists for Panel Discussion: Mr. Atul Kumar Garg, Mr. Rana Atheya, Mrs. Priyanka Jain, Ms. Dharana Jha & Mrs. Jaya Khanna</p>	<p>20th - 23rd October 2021, Online</p>
<p>Workshop on “Water Conservation’ with Special discussion on ‘Rain Water Harvesting”</p>	<p>Mr. Ramveer Tanwar, Pond Man, TEDx Speaker, Brand Ambassador @amrutcitygzb</p>	<p>26th May 2022</p>
<p>Department of Home Science (Sciences)</p>		
<p>Webinar on “Role of Urban Forestry for Pollution Abatement”</p>	<p>Dr. Dheeraj Rathore, School of Environment and Sustainable Development, Central University of Gujarat, Gandhinagar</p>	<p>10th April 2021, Online</p>
<p>Talk and Interactive Session on “Impact of Ozone on Plants and Animals” in collaboration with Environment and Community Outreach Committee</p>	<p>Dr. Arun Kumar Maurya, Assistant Professor (In-charge IPR Cell), Department of Botany, Multanimal Modi college C.C.S University</p>	<p>16th September 2021, Online</p>
<p>Student Workshop on the theme “Package of Practices on Home Gardening” in collaboration with Environment and Community Outreach Committee</p>	<p>Dr. Mamta Bhardwaj, Assistant Professor, Hindu Girls College, Sonipat, Haryana</p>	<p>1st October, 2021, Hybrid Mode (Online and offline)</p>
<p>Talk and Interactive Session on “Climate Change and its Implication in Polar Ecosystem”</p>	<p>Dr. Naveen Kumar, Geoscience division PRL, Department of Space Ahmedabad, Gujarat</p>	<p>16th February 2022, Online</p>

Student Workshop on the theme “Organic Gardening: Techniques and Practices” in collaboration with Environment and Community Outreach Committee	Dr. Mamta Bhardwaj, Assistant Professor, Hindu Girls College, Sonipat, Haryana	30 th March 2022
Department of Home Science (Physical Education)		
Workshop on “Yoga for Health and Fitness”	Ms Ankita Saini, <i>Yoga</i> Expert	18 th September 2021, Online
Idea of Secularism in India: Constitutional Guaranties and Institutional Endeavours	Mr. Sachin Kumar Chandel, J.N.U	December 2021, Online
Yoga: Connecting the World	Ms. Jaiwanti Singh, Government of Slovak Republic	June 2022, Online
Department of Home Science (Physiology and Promotive Health)		
International Virtual Symposium “Recent Trends in Brain Research: Unlocking the Mysteries” in collaboration with International Brain Research Organization Asia Pacific Regional Committee (IBRO-APRC) & Indian Academy of Neurosciences (IAN, Delhi-NCR Chapter)	Organizing Secretary: Dr Manjula Suri, (236 participants from Asia Pacific region with research interest in fields related to neurosciences)	22 nd – 23 rd March 2022, Online
Department of Microbiology		
Challenges of addressing antimicrobial resistance	Prof. J. S. Viridi, Former Professor, Department of Microbiology University of Delhi South Campus	17 th September 2021, Online
The unmatched power of microorganisms: An ode to the unseen heroes	Prof. Shilpi Sharma, IIT Delhi	
Targeting telomerase promoter potential Achilles Heel in Cancer	Dr. Shalu Sharma, National Cancer Institute, NIH, Maryland, USA	1 st October 2021, Online
Probiotics: Alternative medicine or an evidence-based alternative?	Prof. Colin Hill, University College Cork, Ireland	7 th October 2021, Online
Bio Entrepreneurships and introduction to BioNEST-UDSC	Vijay Kantharia, CEO, BioNEST-UDSC	8 th October 2021, Online
Studying principles of tissue morphogenesis	Dr. Akankshi Munjal, Duke University, USA	18 th October 2021, Online

Probiotics and Prebiotics: Who are they? What do they do?	Prof. Bruno Pot, Vrije Universiteit Brussel, Belgium	19 th October 2021, Online
My Journey in Translational Research - Addressing the Challenge of Tuberculosis Diagnosis	Dr. Sagrika Halder, PGIMER, Chandigarh	28 th October 2021, Online
Next era in infectious disease management - Changing landscape of medical technologies and public health	Dr. Priyanka Bajaj, Manager, Health and Innovation Impact Lab	29 th October 2021, Online
Biowaste and its management	Prof. J. S. Viridi, Former Professor, Department of Microbiology, University of Delhi	15 th November 2021, Online
Solid, hazardous, electronic and plastic waste management	Prof. Satish S. Patil, Dr. Babasaheb Ambedkar Marathwada University	20 th November 2021, Online
IPR awareness programme	Ms. Tripti Pandey, Examiner of Patents & Designs, O/o CGPDTM, DPIIT	14 th January 2022, Online

3.3. Short Term Courses Conducted by Departments

Title	Duration (in Hours) & Mode	Department
The Art and Techniques of Podcasting	50 hours, Blended mode	Development Communication, Extension and Journalism
Understanding Learning Disabilities	36 hours, Online mode	Human Development and Childhood Studies
Event Management	40 hours, Online	Resource Management and Design Application

3.4. Extension and Outreach Activities of the Departments

Department of Elementary Education

Two faculty members of the Department, Dr. Nidhi Gulati and Ms. Deepti Saini were involved in designing and facilitation of a Certificate Course entitled “Childhood, Development of Children and Special Needs” for field level workers in grassroot level organizations across the country on a pro bono basis from September 2021 to May 2022. The course details can be accessed at: <https://www.eklavya.in/about-us-eklavya/what-we-do-eklavya-new/courses-and-workshops/child-development-special-needs-and-learning-a-certificate-course>

Department of Home Science (Development Communication, Extension and Journalism)

Digital literacy is gaining recognition as the most valuable tool for lifelong learning. Thus, imparting digital literacy skills is the need of the hour. Keeping this in mind, the Department of Development Communication and Extension inculcated the concept of sharing the digital knowledge received by the students, to the people or society through a programme entitled 'Each One Enable One' from July 2021 to April 2022.

Every academic year, the students of B.Sc. Home Science (Pass & Honours) are introduced to this programme in their Semester V which continues till Semester VI. Under this programme, each student selects one subject/learner (children/adult) from a community, who could be anyone falling in the category of illiterate, semi-literate and drop out from the underprivileged section of the society. The students are required to complete 120 Hours in which they are supposed to impart basic literacy in 3Rs, namely Reading, Writing and Arithmetic. Along with this, students impart digital skills to their learners. Due to the ongoing Covid-19 pandemic, selection of a learner from underprivileged section was not feasible, hence the students selected their own family members or close relatives to continue the process of imparting education and learning. Students provided hands-on training on digital literacy (following 30 hours digital skill training module) to their learners. In order to make the learning more enriching and meaningful, students conducted need-based assessment of their learners. They selected some APPS which were of use to the learners on daily basis, and the training on these APPS (including how to download, their features, how to use them skillfully) was also imparted to the learners. In order to make the teaching learning process more informative, inclusive, and comprehensive, students created videos and power point presentations for their learners. The key idea was to make them digitally literate or empowered as per the objective of National Digital Literacy Mission (NDLM) started by the Government of India. Pre-test and post-test forms were also administered to the learners to evaluate the impact of the digital training and to assess the transformation in their digital skills. Apart from this student also recorded short videos where the learners talked about their journey of digital literacy training and their overall experience. In the year 2021-22, about 122 students of B.Sc. Home Science (Pass) and 19 students of B.Sc. Home Science (Honours) imparted digital literacy skills to the learners in the year.

Department of Home Science (Fabric and Apparel Science)

An online workshop on Crochet was organized by Dr. Jyoti Aggarwal for skill upgradation of marginalized women in Bareilly on 31st January and 1st February 2022.

Department of Home Science (Food & Nutrition and Food Technology)

The Department organized several community outreach sessions in the online/offline mode throughout the year. During the *Rashtriya Poshan Maah*, three sessions were conducted online by the students of M.Sc. Food and Nutrition.

- ~ The first session was conducted on 14th September 2021 on the topic "Understanding PCOS & its Reversal through a Healthy Lifestyle". This interactive session was attended by about 80 participants. A takeaway message poster was also circulated among the participants.
- ~ The second session on "Combating Adolescent Obesity" was organized on 18th September 2021 in collaboration with NSS Unit of the college to spread awareness among adolescents about obesity and how to combat it through dietary modification and regular physical activity. This session was attended by 60 participants, who were also given a takeaway message poster.
- ~ The third session on "Healthy Gut for a Healthy Life" was organised on 25th September 2021 with about 70 participants. The session aimed at spreading awareness about gut health and its enhancement through dietary and other lifestyle changes.

The students of B.Sc. (Hons.) Food Technology organised a community outreach session on Food Safety called "Food Safety: Everyone's Business" in collaboration with Education in the park (EITP) Foundation on 18th October 2021. This online programme was attended by 50 participants. The session focused on providing basic knowledge about food safety to students of Grade VIII-XII through videos and fun activities.

As a part of *Poshan Pakhwada* celebration 2022, two community outreach sessions were organized by the Department. One outreach programme was conducted on the topic "Infant and young child feeding" by M.Sc. Food and Nutrition students at an *anganwadi* at Neb Sarai, New Delhi on 25th March 2022. The beneficiaries were about 45 – 50 pregnant and lactating women. The students made an elaborate presentation on the importance of breastfeeding and complementary feeding, and also demonstrated the recipes of some easy-to-prepare complementary foods. Another community outreach activity was conducted by the students of Food Technology on "Detection of food adulterants at household level" on 28th March 2022 at an NGO 'Nav Abhiyan' at Jangpura Extension, New Delhi. The audience mainly included women from different sections of society, who were shown the basic tests which could be performed even at their homes to detect the various common adulterants present in foods such as milk, sugar, honey, tea, coffee, grains, oils, fats, and spices.

Department of Home Science (Human Development and Childhood Studies)

An online event titled “*Kahani Unsuni*” was organized for children between the age of 11-15 years on 13th November 2021 to celebrate Children’s Day. About 25-30 children from the NGO *Gyandeep* participated in this storytelling event.

Department of Home Science (Physiology and Promotive Health)

Department of Physiology and Promotive Health took necessary steps to create awareness and check if the college staff were negative to COVID-19 Virus. The following steps were taken:

- A COVID testing camp was conducted on 12th October 2021 and none of the staff members were found to be positive.
- The next COVID testing camp was conducted on 11th November 2021 and none of the staff were found to be positive.
- On 4th January 2022 again, a COVID testing camp was conducted, 156 staff members were tested, out of which, ten were found to be positive.

It has become important to undertake precautions against COVID and to safeguard the health of staff and the students therefore, COVID awareness posters were put up all around the college campus.

4. SCHOLASTIC ACHIEVEMENTS AND STUDENT ACTIVITIES

4.1 Merit Achieved by Students in University Exam/Any Awards Received by Students

1. Ms. Shivali Sahni received the University Medal for securing First Position in M.Sc. Fabric and Apparel Science, 2021.
2. Ms. Palak Nagpal, student of B.Sc. Home Science (Pass) was awarded *Swachhta Saarthi* Fellowship (SSF) 2021 under Waste to Wealth Mission, spearheaded by The Office of the Principal Scientific Adviser to the Government of India, housed at Invest India.
3. Ms. Sejal Bajaj, student of B.Sc. Home Science (Pass) received 2nd Prize in Green Art Challenge, *Harit-Prem Bharat Mahotsav 2021* organised by Prem Jain Memorial Trust
4. Ms. Anchita Paul, student of B.Sc. (Honours) Food Technology received 2nd Prize in the Millet Recipe Competition organized by National Institute of Food Technology, Entrepreneurship and Management, Thanjavur

4.2. National and International Days/Festivals Celebrated by Departments

Department of Biochemistry

- International Cancer Day: The Department of Biochemistry virtually organized an event including webinars and debate on the topic “Cancer is a Lifestyle Disorder” for undergraduate students to mark the International Cancer Day on 4th February 2022.

Department of Home Science (Food & Nutrition and Food Technology)

- World Breastfeeding Week: A slogan competition on the theme “Breastfeeding – A shared responsibility” was organized by the Department during the first week of August 2021.
- *Rashtriya Poshan Maah*: Several activities such as quiz competition, traditional recipe competition, video-making competition on “Grow Your Own Herbal Plant”, a *Yoga* workshop, a webinar on the theme “*Ayurveda* and Nutrition”, and three community outreach programmes were organized to celebrate the National Nutrition Month in September 2021. The Department also collaborated with the NSS Unit of the college and Resource Management and Design Application Department to start a *Poshan Vatika* in the college.
- World Food Day: The Department organized an online quiz competition on 18th October 2021 to celebrate the World Food Day 2021 under the theme ‘Our Actions are Our Future’. An online community outreach program on Food Safety entitled "Food Safety: Everyone's Business" was also conducted by Food Technology students in collaboration with EITP (Education in the Park) Foundation.
- *Poshan Pakhwada*: As a part of *Poshan Pakhwada* celebration 2022, two community outreach sessions were organized by the Department. One outreach programme was conducted on the topic “Infant and young child feeding” by M.Sc. Food and Nutrition students at an *anganwadi* at Neb Sarai, New Delhi on 25th March 2022 and the other one on “Detection of food adulterants at household level” on 28th March 2022 at an NGO ‘Nav Abhiyan’ at Jangpura Extension, New Delhi.
- World Health Day: A webinar on “Lifestyle Management of Non-Alcoholic Fatty Liver Disease: A Dietitian’s Perspective” was organized on 8th April 2022. The speaker for the webinar was Dr. Namrata Singh, Assistant Professor, Discipline of Nutritional Sciences School of Continuing Education, IGNOU.

Department of Home Science (Human Development and Childhood Studies)

- Children's Day: An online event titled "*Kahani Unsuni*" was organized for children between the age of 11-15 years from the NGO *Gyandeep* on 13th November 2021 to celebrate Children's Day.
- International Women's Day: A activity for free expression "What you believe?"; a session on "Intersectional Feminism" by Ms Shubhika, FIFE; and "Doing Gender: Student facilitation" and presentation were organized on 8th March 2022.

Department of Home Science (Resource Management and Design Application)

- International Day for Disaster Risk Reduction: Department of RMDA, Eco-Club '*Prakritik*' in collaboration with National Institute of Disaster Management, Ministry of Home Affairs, Government of India conducted a webinar on 11th October 2021 to create awareness about various kinds of disasters and disaster risk mitigation and management.
- International Day for Biological Diversity: This was celebrated on 22nd May 2022 wherein Eco-club '*Prakritik*' organised a Photography and Videography competition for the students on the theme 'Building a shared future for life'.
- Celebration of '*Harit Utsav*' on World Environment Day on 5th June 2022: Eco-club '*Prakritik*' created awareness among students to protect our environment and to spread the message that there is 'Only One Earth' and to protect the same. Eco-club '*Prakritik*' participated in the '*Harit Utsav*' by sending the nomination for the best eco-club award as per the advisory guidelines received from Ministry of Environment, Govt of NCT, Delhi.

Department of Home Science (Sciences)

- World Malaria Day: This was celebrated on 25th April 2022 by creating awareness about malaria among students and teachers with the help of posters and showing them informational videos.

Department of Home Science (Physical Education and Sports Sciences)

- Independence Day: On 15th August 2021, the Department along with the Sports Committee organized Independence Day celebrations in the college.
- International *Yoga* Day: A face-to-face *yoga* session was organised on 21st June 2022 in the college premises. Ms. Kranti Devi, *Yoga* Expert, conducted this session.

Department of Microbiology

- International Women's Day: This was celebrated on 8th March 2022 by the Department. Dr. Anshu Sharma, Ex-Additional Director, Non-communicable Diseases Division & Biochemistry Division, NCDC, New Delhi delivered a talk and interacted with students to promote awareness about Reproductive Health in Women.

4.3 Competitions Organised by the Departments

Department of Biochemistry

- A debate competition on the topic "Cancer is a Lifestyle Disorder" was organized by the Department of Biochemistry virtually to mark the International Cancer Day on 4th February 2022.

Department of Home Science (Food & Nutrition and Food Technology)

- A slogan-writing competition on the theme "Breastfeeding – A shared responsibility" was organized in the first week of August 2021 to celebrate the World Breastfeeding Week.
- An inter-college quiz competition 'Nutriquotient 2.0' was organized online during the *Poshan Maah*, on 15th September 2021.
- An inter-college traditional recipe competition was organized online on the theme "Millets: Ancient grains for healthier life" as part of the National Nutrition Month celebrations in September 2021. The students were asked to prepare and submit a traditional recipe made with millets as the major ingredient(s). The recipes were submitted by the participants in a prescribed format with pictures of the ingredients and the prepared dish.
- An inter-college video-making competition on the theme "Grow Your Own Herbal Plant" was organized on 20th September 2021. The participants had to make an original video clip of 30 to 45 seconds, showcasing themselves planting a herbal/medicinal plant, and sharing the benefits of the plant and caring tips on a placard or verbally.
- The Department celebrated World Food Day 2021 under the theme 'Our Actions Are Our Future' by organizing an inter-college online quiz competition on 18th October 2021.
- A video-making competition "Zindagi Ka Safar Ek Plate Par" was organized in October 2021 on three themes, i.e., "Re-vis-eat" where students had to revisit a memory related to any food and showcase it,

“*Kafila*”, in which students had to showcase a favourite food from any city/place, and “*Char-eat-tra*” in which students had to talk about a food item that described them.

- An inter-college chocolate-based recipe competition “Choco Re-capture” was organized in the month of March 2022 in hybrid mode. In the online round, participants were required to make innovative chocolate-based products, shoot a video while preparing the product, and design a pamphlet including information about the product. In the final offline round, shortlisted participants were required to bring the packaged products they had made during the first round, and prepare a marketing strategy for their product.

Department of Home Science (Human Development and Childhood Studies)

- A debate competition on the topic “Do Foetus with Disability Have a Right to Life?” was held during the Academic fest of the Department. The competition highlighted an important theme and deliberated upon several critical niche areas concerning childhood, disability, and rights.

Department of Home Science (Resource Management and Design Application)

- A business idea generation competition was organized as a part of E-Summit 21, Entrepreneurship-Sensing Opportunities & Building Resilience on 23rd October 2021. It provided a platform for budding entrepreneurs to showcase their entrepreneurial ideas, creativity and innovation and unleash their hidden talent. Students participated in big numbers, shared their unique proposals for new products, services, and technology with special emphasis on eco-projects.

Department of Home Science (Sciences)

- An inter-college online poster competition on the theme “Impact of Ozone on Plants and Animals” was organized on 16th September 2021.
- An inter-college online video documentation competition for documenting gardening skills of students was organized in collaboration with Environment and Community Outreach Committee on 28th September 2021.

Department of Home Science (Physical Education and Sports Sciences)

- A poster making competition was organized in August 2021 on the theme “*I cheer 4 India*” to motivate the Indian contingent for Tokyo 2020 Olympics.
- An online painting competition on the theme “Communal Harmony and National Integration” was organized on 28th November 2021.

Department of Microbiology

- A quiz competition on “Reproductive Health” was organized in association with NCDC, New Delhi on International Women’s Day on 8th March 2022. About 40 students participated in the competition and the winners were awarded with trophies and cash prizes.

4.4. Student Internships

Department of Elementary Education

Final year students of B.El.Ed. completed 52 days primary internship in South Delhi MCD Schools and 16 days middle internship in *Kendriya Vidyalayas*.

Department of Home Science (Fabric and Apparel Science)

Fifteen students of M.Sc. FAS undertook training as part of an internship programme during May-August 2021. Internship was mainly conducted in an online mode with minimum personal interaction as per the University guidelines. Eleven students took up online courses on digital marketing, designing etc. on different platforms such as SWAYAM, Marketella, Udemy, London School of Trends; while two students worked on Department projects to develop ICT material. Three students worked with boutiques and learnt the product development process.

Department of Home Science (Food & Nutrition and Food Technology)

Internships were organized for 22 students of M.Sc. Food and Nutrition-Semester 3 in June to August 2021 at organizations such as Public Health Foundation of India, Ishi Khosla’s Centre for Dietary Counselling, Department of Community Medicine at AIIMS-New Delhi, PepsiCo Ltd., Earthspired-Mrida, and Coalition for Food and Nutrition Security.

Students of B.Sc. Food Technology undertook internships at organizations/industry like Shriram Institute for Industrial Research, SoupX, CPRTTF, Mother Dairy Fruit & Vegetable Pvt. Ltd., Sleepy Owl Coffee Pvt. Ltd., Britannia Industries Ltd., Haldiram Pvt. Ltd., Delhi Milk Scheme, Titins Nutrition, PepsiCo India Holdings etc. Twenty-one students of PGDDPHN also undertook internships at various hospitals in Delhi-NCR and Punjab such as Max Hospital, Apollo Hospital, Fortis Hospital, Sri Balaji Action Medical Institute, Narayana Hospital, St. Stephen’s Hospital, Saroj Hospital, Maharaja Agrasen Hospital, and Sarvodaya Hospital and Research Centre.

Internships were also organized for 21 students of MSc Food and Nutrition-Semester 3 in June – July 2022 at organizations such as Public Health Foundation of India, Ishi Khosla’s Centre for Dietary Counselling, Department of Community Medicine at AIIMS-Delhi, PepsiCo Ltd., National Institute of Public Cooperation and Child Development, and Food Future Foundation.

Department of Home Science (Human Development and Childhood Studies)

Four students of Home Science semester 4 studying ‘Early Childhood Care and Development’ completed their 3-month internship in *Manzil*, a community-based programme for the disadvantaged. The students of semester 5 studying ‘Understanding Psychology’ were involved in internship programmes for a duration of one month. The students of semester 6 opting for ‘Children with Disabilities’ as their Human Development DSE course also joined various internship programmes for a duration varying between 1 to 3 months.

Department of Microbiology

Three final year students of B.Sc. (Hons.) Microbiology did their internship from Kayvi Beverages, Grey Scientific Labs and *Hamari Pahchan* NGO in the year 2021-22.

5. CO-SCHOLASTIC ACTIVITIES

Feria 2021-22

The College organised its Annual Cultural Fest “Feria’22” on 2nd - 4th March 2022. This festival aims to provide students with a platform to showcase their talents, igniting the fire within. Festival began with an opening ceremony where the lamp lightning was done. Multiple competitions were organized by various societies. This year the fest was organised in online mode with a vision to promote e-celebrations. Like any other year, IHE Students’ Union planned all the competitions this year also in a very creative manner. Various competitions like Reel Battle, Step Up, unplugged Medley, B-Plan Competition, B-Plan event, Coffee Painting Competition, T-shirt painting competition, Write-o-graphy, Rhapsody: Creative writing competition, Turncoat debate, *Alfaaz*, *Connaissance*, Mr. and Ms. Flames, Twinning and Winning, Mime acting competition, Bollywood *Muquaabla*, Slogan writing competition were held during these three days. For some of the events, entries were taken before the fest began as there were multiple rounds in them. The winners were announced during the fest. There were lot of entries from colleges of Delhi University and other universities making the fest a huge success. Winners were given e-certificates and gift hampers.

6. COLLEGE STUDENT SOCIETIES

Achievements

Year	Award	Team/ Individual	Inter- college/ State/ National	Name of Event	Name of Student	Student Society
2021	1 st position	Individual	Inter-college	World No Tobacco Day: Poster Making (OIP-SRCC)	Moumita Kundu	Iridescence
2021	Runner up	Individual	Inter-college	Art of Sports (Pixstory)	Moumita Kundu	Iridescence
2021	Winner	Individual	Inter-college	Blend the Tiranga (Aarekh - MRIIRS)	Moumita Kundu	Iridescence
2021	2 nd position	Individual	Inter-college	Painting competition (Prithvi - SAC)	Moumita Kundu	Iridescence
2021	3 rd position	Individual	Inter-college	Online Painting competition (Aakriti - BCAS)	Moumita Kundu	Iridescence
2021	1 st position	Individual	Inter-college	The Lockdown Diaries, Magazine: Art competition	Moumita Kundu	Iridescence
2021	1 st position	Individual	Inter-college	Patriotism through Art (Tulika - LIC)	Moumita Kundu	Iridescence
2021	2 nd position	Individual	Inter-college	EUNOIA, (Maniera - Keshav Mahavidyalaya)	Moumita Kundu	Iridescence
2021	1 st position	Individual	Inter-college	Craft-it-Out (Hansraj College-Kalakriti)	Pavitra	Iridescence
2021	3 rd position	Individual	Inter-college	Doodling Competition (Rajdhani College)	Somya Gupta	Iridescence
2021	Winner	Individual	Inter-college	ArtWali Diwali'21 Competition. (24 th November)	Pavitra	Iridescence
2021	Winner	Individual	Inter-college	Craft it Out - Best out of waste -Wall-hanging competition! (9 th November)	Pavitra	Iridescence
2021	Winner	Team	Inter-college	PARACOSM - Recreation art (Artisto - Maitreyi)	Team	Iridescence
2021	1 st position	Team	Inter-college	Poster Making competition (CFPI - Shivaji College)	Team	Iridescence

2021	1 st position	Team	Inter-college	Brush away the Binary (Gender Champions, SACE - Sri Aurobindo College)	Team	Iridescence
2021	Winner	Team	Inter-college	Art on Titans (Brushstrokes - Ramanujan College)	Team	Iridescence
2022	2 nd position	Individual	Inter-college	Feria (T-shirt painting)	Faguni	Iridescence
2022	3 rd position	Individual	Inter-college	Feria (Brew it up)	Vanshika	Iridescence
2022	2 nd position	Individual	Inter-college	Feria (Write-O-graphy)	Diksha	Iridescence
2022	1 st position	Team	Inter-college	Face painting competition, Comscape 3.0	Yukta & Gursheen	Iridescence
2022	1 st position	Individual	Inter-college	Graphic design- College - 3P's - The Creative Arts Society of Sri Aurobindo College	Kashish Sharma	Iridescence
2022	3 rd position	Individual	Inter-college	Painting- College - 3P's - The Creative Arts Society of Sri Aurobindo College	Moumita	Iridescence
2022	2 nd position	Individual	Intra-college	Doodling, IHE	Moumita	Iridescence
2021	1 st position	Team	Inter-college	Biswamil JGU's Annual Fest: Duet Dance competition	Krishnendu & Joyeta	Eleganza
2021	1 st position	Individual	Inter-college	Biswamil JGU's Annual Fest: Reel Battle competition	Kajal	Eleganza
2022	2 nd position	Team	Inter-college	K.R Mangalam's Offline Fest RENDEZVOUS '22: Duet category	Joyeta & Krishnendu	Eleganza
2022	Winner	Team	Inter-college	Enactus holiday logo design competition	Keerat	Enactus
2022	Top 10	Team	Inter-college	Final Top 10 teams in B-plan competition for Project Ahar and Project Lehar by IIM Indore	Project Ahar: Pranjal Saini, Simran Suri & Aanchal Jain Project Lehar: Gursheen & Diya	Enactus
2021	2 nd & 3 rd position	Individual	Inter-college	NOIDA Rang Mohotsav competition, 2 nd Best promotional video and 3 rd Best actress	Aditi Talwar	Navrang

2022	Result awaited	Team	Inter-college	IIT-Kharagpur		<i>Navrang</i>
2022	3 rd prize	Individual	Inter-college	Monologue competition at Janki Devi Memorial College	Ekjot	<i>Navrang</i>
2022	1 st prize	Individual	Inter-college	Vivekanand College fest: Mono act competition	Vartika Sharma	<i>Navrang</i>
2022	1 st position	Individual	Inter-college	Monologue competition, Sri Aurobindo College	Hashmita	<i>Navrang</i>
2021	1 st , 2 nd & 3 rd positions	Individual	Intra-college	DIY - Kite making competition	Bhavya Kashyap, Jyoti Bisht, Amisha	Connecting Dream Foundation
2021	Winner	Individual	Intra-college	DIY- Diwali workshop under Jashn-e-Diwali week	Niharika Bhimani	Connecting Dream Foundation
2021	Winner	Individual	Intra-college	Rangoli-making competition	Sakshi Rikhari	Connecting Dream Foundation
2022	3 rd position	Individual	Inter-college	FERIA - Slogan making	Gunjan Mittal	Connecting Dream Foundation
2022	1 st position	Individual	Intra-college	Poster on 'No Smoking'	Nandini Gautam	Connecting Dream Foundation
2021	2 nd position	Team	Inter-college	LSR video making competition	Team	<i>Muzahira</i>
2021	1 st rank	Team	Inter-college	Debate Crew Manzil	Team	<i>Muzahira</i>
2021	1 st & 2 nd , Appreciation Certificate	Individual	Intra-college	Radio Jingle	Khushi Singhal & Syed Muskan, Ittu Dutta	<i>Muzahira</i>
2021	1 st position	Team	Inter-college	Paricharcha 21, Pune Institute of Technology - ASP Quarter Finals Questionnaire	Team	<i>Muzahira</i>
2021	Appreciation prize	Team	Inter-college	Meme-making competition	Team	<i>Muzahira</i>
2021	Winner	Individual	Intra-college	Open mic <i>Aghaaz</i>	Manvi	<i>Muzahira</i>
2021	Winner	Individual	Inter-college	<i>Pakhwada Divas</i> (poetry competition) of LHMC and NCDC	Anuja	<i>Muzahira</i>
2022	2 nd position	Team	Inter-college	<i>Hind- e -Watan</i> slam poetry competition	Team	<i>Muzahira</i>

2022	Top 5	Team	Inter-college	Letter to the Editor on India's Youth, CVS	Team	<i>Muzahira</i>
2022	3 rd position	Team	Inter-college	Lockdown Memories, Botanical Society of Deshbandhu College	Team	<i>Muzahira</i>
2022	2 nd position	Team	Inter-college	Tatva 2022, Lal Bahadur Shastri Institute of Management, Dwarka	Team	<i>Muzahira</i>
2022	1 st position	Individual	Inter-college	Filmesque Maitreyi Between the lines (essay writing); Logos JDMC quiz	Urvi	<i>Muzahira</i>
2022	1 st position	Team	Inter-college	Annual Cultural Fest of Deshbandhu College, Delhi University.	Team	Poise
2022	1 st position	Team	Inter-college	Deshbandhu College	Team	Poise
2022	2 nd position	Team	Inter-college	Lal Bahadur Shastri Institute of Management	Team	Poise
2022	1 st position	Team	Inter-college	Lady Irwin College	Team	Poise
2022	2 nd position	Team	Inter-college	Acharya Narendra Dev College	Team	Poise
2022	Winner	Team	Inter-college	Ingenuity '22 NIIT University, Neemrana	Team	Poise
2021	1 st position	Individual	Intra-college	Open mic	Ishika	<i>Tarkaas</i>
2021	2 nd position	Individual	Intra-college	Open mic	Priyanka Sharma	<i>Tarkaas</i>
2021	3 rd position	Individual	Intra-college	Open mic	Sahajpreet & Ruchika	<i>Tarkaas</i>
2022	1 st position	Individual	Inter-college	Feria, IHE	Sahajpreet	<i>Tarkaas</i>
2022	2 nd position	Individual	Inter-college	Feria, IHE	Parshi Kaushal	<i>Tarkaas</i>
2022	3 rd position	Team	Inter-college	Salvation-General Awareness Event, 2022: Aurobindo College Fest	Team	<i>Tarkaas</i>

ENACTUS Society

Enactus Society of the college is working on two significant projects: Project *Lehar* and Project *Ahar*. The project *Lehar* seeks to provide a long-term solution for diminishing water levels, and the project *Ahar* intends to tackle malnutrition by producing nutritious beverages from whey, a by-product of commonly consumed foods such as paneer, cheese, etc. The project raises community and future consumer awareness on the importance of nutrition, resulting in positive social, environmental, and economic outcomes.

In 2021, project *Lehar* got selected among top 48 teams globally for the World Water Day. Enactus IHE was selected in top 14 teams globally for 77 seconds video impact video challenge – 2021.

Enactus conducted a plantation drive in NGO Sofia for Green India and spreading knowledge to save Mother Earth. *Hind-e-Watan*, a slam poetry competition and a CV building workshop was conducted in January 2022 which enabled students to gain access to all information regarding CV. During the college cultural fest, it organised meme-making competition, debate competition, and a business plan competition. Enactus team also organised a workshop for civil services aspirants in July 2021 with guest speakers, Mr. Anmol Srivastav, IAS and Mr. Rohit Wazir, Faculty at Drishti IAS. In August 2021, Enactus conducted an online mandala art competition with the best arts being featured on the college social media platform, and on the occasion of River Day, 26th September 2021, an online Instagram quiz was streamed.

7. COLLEGE COMMITTEE REPORTS

7.1 Admission Committee

The admissions for under-graduate and post-graduate programmes were carried out online as per the guidelines of University of Delhi. The admission process started on 1st October 2021 and continued till 31st December 2021. The first cut off came out on 1st October 2021. Admissions were done under 5 cut offs. After the first three cut offs, a special drive was announced. This was followed by two more cut off schedules i.e., 4th and 5th cut-off. Effectively, there were five cut-offs and three special drives announced by the University. Admissions were also done in other categories including Sports Quota, ECA, and Ward Quota etc. PMSS admissions were also carried out. The total admissions done during the 2021-22 session in different under-graduate programmes are as under:

Course	Total Seats	UR	OBC	SC	ST	EWS	PwD	CW	KM*	Sports	ECA	WQ**	PMS***	Total Admissions	Difference
B.A. (Hons) Journalism	58	26	16	9	1	1	2	1	2	2	2		1	63	-5
B.Sc. (Hons) Biochemistry	39	17	7	4		2			1		1			32	7
B.Sc. (Hons) Food Technology	40	20	10	7	1		1	1		1		1		42	-2
B.Sc. (Hons) Home Science	116	49	13	7	4	4								77	39
B.Sc. (Hons) Microbiology	39	13	10	6	1		1		1	2	2		1	37	2
B.Sc. (Pass) Home Science	270	116	27	9	1	2							2	157	113
Bachelor of Elementary Education (B. El. Ed)	62	24	15	9	4	7		2						61	1
Total	624	265	98	51	12	16	4	4	4	5	5	1	4	469	155

KM* Kashmiri Migrant WQ** Ward Quota PMS*** Prime Minister Scholarship

7.2 Academic and Workload Committee

The Academic and Workload Committee was involved in 3 major activities:

- Finalisation of workloads for the session 2021-2022: The Committee collated the workloads submitted by various Departments and allocated the ad-hoc teachers (continuance of service was maintained) and guest teachers to different Departments as per University norms. After repeated meetings, this was finalised after discussions with the Director and Convenor, Time Table Committee and final allocation was provided to the Director on 8th July 2021. All this was undertaken in virtual mode through meetings on Google platform.
- Working on the College Roster: After the sanction of the second tranche posts, committee had meetings with the Director (in physical mode) to discuss the allocation of the posts in the Elementary Education, Home Science and Microbiology Departments of the Institute.
- Counselling of students for choice of DSE, GE and SEC subjects and allocation of students to different groups for the session 2021-2022: Going by the previous years' experience and the continuing lockdown and online teaching due to COVID-19, the Committee decided that this year too counselling for B.Sc. (Honours and Pass) Home Science Semester II and IV respectively for the selection of their GE/SEC/DSE papers in semester III and V would be carried out in the online mode. To elicit students' response regarding their preferences for selecting GE/SEC/DSE papers, Google Forms were made for both B.Sc. (Honours and Pass) Home Science Semester II and IV respectively and links were shared with all concerned students. Thereafter, Academic committee conducted online counselling sessions (via Google meet) on:
 - 10th June 2021 for B.Sc. (Honours) Home Science 4th semester (DSE): 2:30 pm-3:30 pm
 - 11th June 2021 for B.Sc. (Pass) Home Science 4th semester in two groups (Group 1, Timings: 2:00pm-3:00pm) and (Group 2, Timings 3:30-4:30 pm).

After the completion of semester 2, counselling sessions of these students to choose GE and SEC subjects was also done in another set of online meets on the following dates:

- 9th August 2021 for B.Sc. (Honours) Home Science 2nd Semester (GE and SEC): 11 am to 12.00 noon
- 10th August 2021 for B.Sc. (Pass) Home Science 2nd Semester (SEC): 10 to 11 am (Group I) and 12.30-1.30 pm (Group II).

Details of the counselling sessions were communicated to the students via bulk messages and WhatsApp groups. Committee members also oriented the students about filling up the Google Form to avoid errors. Counselling session had active participation of the students. Nearly 85 students from B.Sc. Home Science Honours (both semester 2 and 4 respectively) and 125 students of B.Sc. Home Science Pass (semester 2

and 4 respectively) attended the orientation. Students' queries were handled in detail and they were encouraged to contact members in case of any further questions.

For the Academic Session 2022-2023, the Committee organized sessions in June 2022 for 4th semester and in July/August for semester 2 students. The Committee also worked on workload distribution as per the NEP and the LOCF mode.

7.3 Automation and Website Committee

The Website and Automation Committee has been actively involved in various automation activities throughout the year and undertook many initiatives. To keep up with the contemporary requirements of different stakeholders, the college website had to be redesigned. Another reason for redesigning the website was that the Net4India which hosted the college website had gone defunct leading to loss of website data. This was a formidable task, so the committee members scanned through websites of various educational institutions to generate detailed scope of work for design, development, hosting and maintenance required and float the call for quotations from IT vendors. The shortlisted vendors were called for making presentations. The committee members had detailed discussion over the offers made by vendors to finalize and shortlist the best three vendor quotations. Post the deliberations and online meetings, the vendor, Maxtra Technologies Ltd. was finalized and website development work was started. The website revamp work was done in three phases with committee members working in teams.

The website committee worked very effectively as a team wherein sub-groups were allocated different sections of the website content development. The content for all the sections and sub-sections was developed afresh including the research publications and the curriculum vitae of faculty. Social media handles Facebook and Twitter were also integrated on the website. Multiple meetings of the committee members were held with the web developers to make the desired corrections in the matter as well manner of presentation. The AWS committee was successful in achieving the objective, it had set for itself. Finally, the website was ready by August and was launched by the Director of the college, Prof. (Dr.) Geeta Trilok-Kumar on the orientation day for the fresh batch of students of 2021.

The Committee oriented the fresh batch of first year students on 22nd November 2021 about the automation functions such as familiarizing them with the information available on college website, the Educational Management company hired by the college (ILS) for maintaining internal assessment and attendance of the students and its integration with the website, generation of Identity cards, issue of books using Identity card, the use of OPAC for book search in the library and the use of e-learning resources integrated on the website. Students were also provided with a demonstration on how to use Google Meet and Classroom

through a short video made by in-house faculty. The Committee collaborated with ILS (Educational Management Solutions) from time to time for smooth functioning of students' and administrative affairs of the college.

The automation and website committee also organized three seminars for the benefit of the faculty and students. These were:

- “Using E resources” for faculty and students by Dr. Nikhil Rajput, Coordinator, National Resource Center, Ramanujan college on 22nd June 2021. He apprised the faculty of the different e-resources and how they could be used effectively for teaching and learning.
- Webinar on “Understanding Plagiarism detection software - Urkund” on 30th July 2021 to meet the popular demand of the faculty on the issue. The same was done in collaboration with eGalactic, Pune and Library, University of Delhi.
- An interactive talk on Awareness of Intellectual Property Rights on 14th January 2022 in collaboration with Ministry of Commerce and Industry, Government of India and NIPAM as part of their *Azaadi ka Amrit Mahotsav* celebrations.

A special sub-committee of the Automation and Website committee was created in April 2022, to look after the NAAC visit related requirements of the college. The committee had a meeting with the Director to discuss the budget for making improvements in the computer labs and the issue of distribution of FYUP laptops in the various departments of the college for benefit of the students.

7.4 Cultural Committee

The Cultural Committee of the college in association with the Students' Union organized various events and competitions in virtual and physical mode in the year 2021-22. The committee also celebrated *Azadi ka Amrit Mahotsav* by hosting various events and webinars with great enthusiasm. The beginning of this session in July 2021 was marked by recording the audios and videos of the choir singing patriotic songs and *Rashtra Gaan*.

Cultural committee along with the Students' Union celebrated Teacher's Day by compiling teachers' entries highlighting their 'Creativity during Covid' and students' entries including poetry, song, expression of gratitude towards teachers etc. These videos were streamed on YouTube channel to mark the celebrations of Teacher's Day. An investiture ceremony was also hosted to felicitate the members of Students' Union 2021-22.

The cultural committee organized an aspirational video making program for our elders by youngsters - *Buzurgo ki baat, Desh ke sath* in November 2021. On the Republic Day, Students' Union and Cultural Committee organized another Infographic competition on theme 'Women's Rights in India'. Ms. Purna Dash bagged first position in this, followed by Ms. Shruty Sethiya and Ms. Muskan.

To mark the celebration of 75 years of independence and International Mother Language Day, *Muzahira*, The Literary and Debating Society of IHE presented an event "LIKH-A-WHAT" on 21st February 2022. Another event an Open Mic Competition was organized by *Muzahira* and *Tarkaas* societies.

The most awaited cultural fest of IHE "FERIA" was celebrated this time from 2nd to 4th March 2022 in the dual mode. All student societies organized number of competitions during this annual cultural fest.

On 31st March 2022, a Farewell was organized for the outgoing students in the offline mode by the Students' Union where all the students and teachers had a great time after two years of being in the pandemic. Rain dance was the major attraction of this event.

On 7th April 2022, the cultural committee inaugurated a wonderful series of events for all the students and staff of IHE to mark the World Health Week. This programme was done in collaboration with National Organ and Tissue Transplant Organization and a pledge taking session was hosted to be an organ donor. Another awareness session on 'Humanity towards perfection' was organized on 17th June 2022 in association with 'Eager To Forge Ahead (India)' to commemorate 150th birth anniversary of Sri Aurobindo. The cultural committee also celebrated *Azadi ka Amrut Mahotsav* by showcasing *AZADI KI AMRIT KAHANIYAN*.

7.5 Environment and Community Outreach Committee

The committee has embraced many green initiatives and sustainable practices to make and maintain the college campus as environmentally conscious and proactive academic institute. Following activities were continued, initiated and facilitated by the committee during the year 2021-22:

- 1. Coordinating and Maintaining Herbal Garden:** Maintaining medicinal and herbal plant saplings planted in herbal garden.
- 2. Development of Seed Bank** using different vegetative propagation methods such as grafting, layering, stem cutting, and collecting and preserving seeds from past seasons.
- 3. Maintaining Organic and Vermi-composting Units:** Successfully harvested approximately 600 kg organic compost and around 30 kg of vermicompost through these two methods.

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4. **Management of Organic Waste through Aerobin:** Organic waste generated in college canteen and Food and Nutrition department was segregated, collected and converted into organic manure using the Aerobins with the help of *Sulabh* Cleanliness staff.
 5. **Participation in Swachata Sarthi Fellowship:** Committee members helped students in developing proposals, products and presentations. Around 45 volunteers of Eco-Warrior Club applied in the *Swachata Sarthi* Fellowship Scheme of Government of India under its 'Waste to Wealth Mission', wherein 4 students were selected in the final round in August 2021. Students are receiving a fellowship of Rs. 1000/- per month for the duration of one year for participation in the scheme by the Ministry.
 6. **Inauguration of Organic Vegetable Garden 'Poshan Vaatika'** supported by IPCA on 6th September 2021. Approximately 25 NSS student volunteers donated vegetable, herbal and medicinal plants which were planted in the *Poshan Vatika*.
 7. **Participation in 64th Annual Flower Show of University of Delhi:** Participated in approximately 15 categories of different flower species on 4th March 2022 at Mughal Garden, University of Delhi.
 8. **Workshop on "Package of Practices in Home Gardening"** was conducted on 1st October, 2021 in hybrid mode (offline as well as online) by the Department of Biology, IHE in Collaboration with the Environment Committee. Around 60 participants including students, and faculty members from different colleges participated in the event.
 9. **Coordinated Faculty and Students' participation in Nadi Ko Jaano Abhiyan** and also organized an online session on '*Nadi Ko Jano Abhiyan*' on 13th November 2021, wherein Mr. Aakash Upadhyay briefed students about the importance of the campaign. In total, around 496 students and faculty members participated in the campaign.
 10. **Awareness Drive on Energy Conservation:** In order to create awareness on energy conservation, Eco-Warriors Students' Club made strips having quotes viz., "Turn off Lights and Fans When not in use" and pasted these on the switch boards of various rooms in November - December 2021. Also, many hand-made and digital posters informing the reasons, benefits, and ways of conserving energy, were made and pasted in the college premises.
 11. **Webinar on "Soil Health and Sustainability"** was organized on 5th December 2021 at 11.30 am in collaboration with IQAC under the aegis of DBT Star college scheme. Around 235 students participated in the event. The speaker for this was Dr Shruti Pavagadhi, Research Manager in Sustainability and Translation Flagship Programme, Climate Change and Carbon Mitigation at the National University of Singapore.
 12. **Webinar, Quiz and Poster Making Competition on 'We the Energy Warrior':** A webinar on 'We the Energy Warriors' was conducted on 18th December 2021. The keynote speaker, Dr V.

Vijayalakshmi, enlightened the students on the role of solar energy in the energy conservation process at household level. A quiz and poster making competition were also conducted in which around 70 students participated.

13. Workshop on Water Conservation was organized in collaboration with NSS-IHE and eco-club 'Prakritik' on 26th May 2022. The keynote speaker, Mr. Ramveer Tanwar, also referred to as Pond Man of India, an Environmentalist and TEDx Speaker briefed students about various techniques of conservation of water, and reviving our dying water bodies. The session was followed by a quiz on water conservation methods and techniques.

14. Poster Competition on Water Conservation was organized on 6th January 2022, wherein a total of 35 students participated in the event.

15. Conducting survey and analysis of 'Fuel Consumption Pattern' during commuting to college by staff and students in the month of March 2022. The analysis of collected data highlighted that IHE is an energy and fuel-conscious college.

16. Assessment of the Environmental Awareness Amongst Students through Environmental Awareness Webinars and Questionnaire Based Study: Pre- and post-intervention studies were conducted to assess increase in knowledge and awareness:

- **Awareness on Plastic Waste Management and Environmental awareness** through webinar on 'Solid, Hazardous, Electronic and Plastic Waste Management' organized on 20th November 2021 by Prof. Satish S. Patil along with questionnaire based pre- and post-intervention awareness analysis. A total of 158 students participated in this.
- **Awareness regarding Bio-Waste Management** through a webinar on 'Bio waste and its Management' organized on 15th November 2021, by keynote speaker Prof. J.S. Viridi (Former Professor), Department of Microbiology, University of Delhi, South Campus. Pre- and Post intervention data to study awareness regarding Bio-Waste Management was collected from Microbiology and Biochemistry students using this pre-validated Questionnaire (N=156).

The committee has also undertaken the following tasks:

1. **Installation of Rooftop Solar Panels:** The college has initiated the process to move towards eco-friendly solar energy. The committee looked for various schemes available under government for installation of rooftop solar panels. The experts from IPGCL, REIL were approached. With due consent of authorities and with long deliberation rounds, the project proposals from the approved L1 bidders were studied. The SoPs were followed and diligent efforts were made to confirm approved standards and legal technicalities for installation of solar panels on the college rooftop. However, approval for the

installation of solar panels has not been received due to some infrastructural concerns and 25 years bond clause and hence, the work has been stalled.

2. **Energy, Green and Environment Audit:** The committee has initiated the process of getting Energy, Environment and Green audits carried out for college. For these audits, tenders and bids were raised in the month of June-July 2022 on the college website inviting proposals from the recognized auditors.
3. **E-Waste Registration:** Due to non-availability of complete details/ data for e-waste items from administration, the registration on the portal of the metal scrap trading corporation for management of e-waste got delayed. Committee aims to get e-waste registration done in the near future once it receives all the required information from administration.

7.6 Internal Assessment and Attendance Committee

During the COVID pandemic, internal assessment (IA) was fully automated. Online maintenance of course paper information and their mapping with respective teachers as well as departments was carried out during each semester on college ILS (ERP) system. Internal assessment for projects and assignments were submitted and graded by the teachers using Google classroom. These marks were uploaded through ILS on the college website. Rectification/corrections if required were submitted by the teachers to the members of the internal assessment committee in a Google claim sheet. IA&A claim sheets were uploaded on web link (<http://ihe.du.ac.in/wp-content/uploads/2022/06/allclaimsheet.pdf>) for later reference. Final uploading of IA was done on the University Samarth portal after corrections. TICs and teachers were provided a link (<http://15.206.25.215/IHE/>) to view attendance for any term from the year 2016 onwards.

7.7 Communication and Magazine Committee

The Communication and Magazine committee designed and e-published college Information Booklet which included information about admission procedures and various departments.

The committee organised Inter College Essay Competition as a constituent of *Amrut Mahotsav*, at the Institute of Home Economics in the month of August 2021. Two topics were given - Digital India - A New India and Changing Role of Women in Contemporary India - to students to express their views on. Participants had the flexibility to express themselves in English or Hindi. A total of ten entries were received on both the topics in English and Hindi.

Virtual Cycle Rally in association with sports and NSS committee was organised from 25th October 2021 – 28th October 2021. A short video of the event was prepared and posted on official social media platforms.

Open Mic Competition was organized on the International Mother Language Day on 21st February 2022. The competition witnessed diverse views and nuanced understanding of the topics, expressed with lucidity, by students. Along with the Literary and Debating Society, another event “Likhawhat” was also organized in which slogans in Indian Languages were exhibited.

The committee keeps the official social media platform of college active and continues to post videos and photographs of all the college events.

7.8 Orientation and Library Committee

The orientation committee is responsible for introducing the incoming students to all aspects of course curriculum, rules and regulations, extra-curricular, co-curricular activities, library, and other facilities in the college. Orientation Day was organized online on 22nd November 2021. The orientation programme was attended by over 500 incoming students, on zoom online platform. The programme began with visuals of the college activities and a small prayer. Welcome address by Director was followed by briefing by the Students’ Advisor. The convenor of automation committee shared important information on registering on Google classroom for attending online classes with official email addresses shared by the office. Accessing online resources and submission of assignments and tests was also discussed. Students’ Union president presented a brief account of all the extra-curricular activities, clubs and societies of the college and their recent achievements in intercollege events. The teachers in-charge introduced their respective departments. Messages from a few alumni from various disciplines were presented to the students. A brief college brochure with important information regarding digital teaching-learning, internal assessment rules, examination, fee submission, library access, cultural clubs, grievance redressal, sexual harassment etc. was prepared and shared with the students for easy reference. The event ended with some ice-breaking activities like recognizing monuments, marketplaces, and other important visuals around the college. The National Anthem and vote of thanks concluded the event.

During the financial year 2021-2022, the library acquired 111 new books worth Rs. 1,14,658. In addition to books, the library also provides e-resources to its faculty members, research scholars and students which are subscribed by Delhi University Library System (DULS). E-resources include e-databases, e-books, e-journals subscribed by DULS and e-*ShodhSindhu*. Library orientation programs were organized for the first and second-year students in online and physical mode to acquaint the students with library resources.

M.Sc. students were also oriented to accessing e-resources subscribed by DULS. In the past one year library has been providing plagiarism check services to faculty members and research scholars using URKUND.

7.9 Placement Committee

In pursuance with the efforts made in the previous years, the Placement Committee reinforced their efforts in this academic year as well to secure a large number of internships and placements for the students. A two-day Orientation and Motivation session was organized for the students in the virtual mode on 11th & 12th September 2021 which briefed them about the activities of placement cell and the process of becoming a member. Advanced knowledge in skills such as Storytelling, Video Production & Editing, Canva Designing, and Content creation was a point of discussion in a webinar conducted by Creator Economy Bootcamp in June 2021. A Career Counselling Session was organized by Landbird Immigration on 16th October 2021. Another Webinar on “Developing Leaders for Social Change” by Ankur Madan, School of Education, Aziz Premji University was held on the 11th February 2022. With the onset of physical classes, Seminars on the topics such as “Women Empowerment and Toy Bank Journey” by Vidyun Goel, and “Brand Building and Entrepreneurship” by Khushbu Chauhan were organized in the college premises on 22nd and 23rd March 2022 respectively, which were enthusiastically attended by students from various courses. A Career Development Counselling session for students was conducted on the 22nd, 23rd, and 25th March 2022 to focus on making and maintaining professional profiles on LinkedIn, and Twitter, making effective resume etc. Registration on Internshala, with about 950 students of the college was successfully done. The mission was to equip students with relevant skills and practical exposure and to provide meaningful internship opportunities. A total of 859 internships were done by students, both paid and unpaid by May 2022. Registration was also done on the NCS portal (Ministry of Labor and Employment) from 21st March 2022 for the final year students to provide access to various career-related services available on the portal. The registration started with students of Bachelor of Journalism. The success of internships in the year 2020-21 paved the way for the popularity of college for domain-specific employment opportunities. Many reputed organizations approached the college via mail in the field of graphic design, education, nutrition, and business development. These were - FISCI (Food Industry Capacity Skill Initiative), College to Corporate, Labdox, Burger Singh, Vardhan Consulting Engineers, Unacademy, Sea Lord Entertainment, Value jobs consulting, Career Munch, Ideate, Choice Monk Techno Solutions, Pathways school, to name a few. The year ended with many efforts to strengthen the progress of this committee and to sensitize the students for an industry interface outside the classroom.

7.10 Purchase Committee

The Purchase committee worked tirelessly towards procurement of services and goods for the college during the academic year. Tasks taken up by the committee are listed as follows:

Procurement of Services	Procurement of Goods
<ol style="list-style-type: none">1. AMC for Fire Fighting System2. AMC for EPABX3. AMC for Biometric system4. Security Services5. Manpower services for college6. Computer AMC	<ol style="list-style-type: none">1. Stationery and papers for administration2. Room Heaters3. Ceiling fans4. Irons5. Desert cooler6. AC and other equipment for Central lab7. Chairs and board for Elementary Education department8. Sanitizing equipment and sanitizing liquid9. CCTV cameras10. Equipment for projects taken by college staff11. Almirah and clock for administration12. Barcode Scanner for library etc.

Committee members worked throughout the year to carry out above mentioned tasks, each of which involved multiple steps. Committee members also helped other committees in their purchase process.

7.11 Sports Committee

The Committee organized Kite Flying competition for non-teaching staff on 10th August 2021 and Independence Day celebrations were organized on 15th August 2021. Guest of Honor Major Gen. Ajay Anand hoisted the National Flag in the college along with the Director and National Anthem was sung by the staff and students. An Online Painting Competition on the theme “Communal Harmony and National Integration” was organized on 28th November 2021 to celebrate the Communal Harmony Week and Flag Day. An online webinar on “Idea of Secularism in India: Constitutional Guaranties and Institutional Endeavors” was organised on 7th December 2021 in continuation of the Communal Harmony Day celebration. To celebrate the International Day of *Yoga*, an online International workshop was organized on “*Yoga: Connecting the World*” on 4th June 2022 via Google Meet platform. About 60 participants benefitted from this workshop. Ms. Jaiwanti Singh, Teacher of Indian Culture and Senior *Yoga* Expert in the Bratislava City Council, Government of Slovak Republic conducted the workshop. This workshop created awareness among the participants about the importance of *Yoga* that is linked to numerous practices involving mental and spiritual health. During this workshop, Ms. Jaiwanti explained the different

branches of *Yoga*, where each branch represents a different focus and set of characteristics. A face-to-face *yoga* session was organised on 21st June 2022 in the college premises, on International Yoga Day. Ms. Kranti Devi, *Yoga* Expert, was invited as a resource person to conduct this session. Teaching, non-teaching staff, and more than 50 students participated in this event.

7.12 Student Amenities Committee

Student Amenities committee always strives hard for providing students better amenities and improving the existing ones in the college. Several online and offline meetings were held to ensure proper amenities for the students. The committee conducted meetings with canteen and photocopy vendors before the resumption of classes in the physical mode. Status of washrooms, cleanliness and dustbins was also monitored and consistent reports were given to the office.

The committee regularly monitors the cleanliness and sanitation in the canteen. Canteen upgradation project is being carried out by the committee members and B.Sc. (Hons.) Food Technology students. Healthy menu shall be introduced in the canteen. Geyser, big and small exhaust fans, sanitizer dispenser, metal tables, dustbins for dry waste and wet wastes, refrigerator as well as display fridge have been ordered through GEM portal. Cleanliness vendor, *Sulabh*'s contract for cleanliness has also been extended for a year due to COVID-19 pandemic on committee's recommendation. The committee raised the bid for pest and animal control through GEM portal. Vendor was given the order and now pest control is being regularly conducted in the college.

Cleanliness and status of washrooms is regularly monitored. The committee monitors cleanliness of washrooms, corridors, and theory rooms on a weekly basis. Availability of soap and water is also monitored. The committee has ordered dustbins, soap dispensers and two incinerators for the washrooms. A requirement of fans and lights was made by visiting and inspecting all the theory rooms. Sanitary pad vending machine has been repaired, painted, installed, and relocated in Blocks A and B ground floor, near the washrooms. Three hundred new sanitary pads have been purchased for the benefit of students. Girls' Common Room is being painted under the supervision of the committee.

7.13 National Social Service

NSS-Institute of Home Economics is one of the most active committees of the college. It works to sensitize young students to contribute to the welfare of the society by organizing various activities throughout the year. Each NSS student volunteer devotes 120 hours in one academic year for delivering his services to

NSS related work. Some of the activities carried out by NSS-IHE in the academic session 2021-2022 are as follows:

S. No.	Activity	Date	No. of Participants
1.	Tokyo Olympics (activity to encourage Team India)	2 nd July 2021	36
2.	Book Donation Drive on the occasion of World literacy week	8 th July - 11 th July 2021	45
3.	Calligraphy on the occasion of World literacy week	12 th July 2021	40
4.	Plantation Drive on the occasion of <i>Van Mahotsav</i>	24 th July 2021	40
5.	'Nest in its Nature' on the occasion of World Conservation Day	30 th July 2021	45
6.	Webinar on 'Hepatitis Can't Wait!' on World Hepatitis Day	1st August 2021	82
7.	'Quizofile', quiz competition on the Quit India Movement Day	9 August 2021	45+
8.	Poster making competition on International Youth Day	14 th August 2021	45
9.	Webinar on the occasion of Organ Donation Day	15 th August, 2021	40
10.	Rashtra Gaan under the aegis of <i>Azadi ka Amrut Mahotsav</i>	15 th August 2021	40+
11.	Article Writing on the occasion of <i>Azadi ka Amrut Mahotsav</i>	15 th August 2021	45
12.	Webinar on the occasion of World Photography Day	21 st August 2021	36
13.	Webinar on 'Cancer prevention and healthy lifestyle'	29 th August 2021	45+
14.	'Nutriquiz' on the occasion of National Nutrition Week	2 nd September 2021	50+
15.	'Healthy Cooking for You' during National Nutrition Week	2 nd September 2021	42
16.	'Feed the Hunger' on the occasion of National Nutrition Week	3 rd September 2021	45+
17.	Charity Drive on the occasion of International Charity Drive	5 th September 2021	45
18.	Cleanliness Drive on the occasion of <i>Swachhta Pakhwada</i>	6 th September 2021	42
19.	Offline <i>Swachhata</i> Pledge on the occasion of <i>Swachhta Pakhwada</i>	6 th September 2021	11
20.	Movie Screening on the occasion of <i>Swachhta Pakhwada</i>	7 th September 2021	30
21.	Online <i>Swachhata</i> Pledge on the occasion of <i>Swachhta Pakwada</i>	9 th September 2021	26
22.	'Let's Get Digital' on the occasion of International Literacy Day	10 th September 2021	40
23.	<i>Yoga</i> for Nutrition Workshop under the aegis of POSHAN <i>Abhiyaan</i>	11 th September 2021	200+
24.	"Stand up for Human Rights: The Need of Global Solidarity" on the occasion of International Democracy Day	15 th September 2021	43
25.	Session on "Combatting Adolescent Obesity" on the occasion of National Nutrition Month	18 th September 2021	55+

26.	Freedom Run under the aegis of <i>Azadi ka Amrut Mahotsav</i>	24 th September 2021	22
27.	Food Donation Drive on the occasion of National Nutrition month	28 th September 2021	30
28.	Anti-Tobacco Rally	28 th September 2021	30
29.	Slogan Writing Competition as part of <i>Azadi ka Amrut Mahotsav</i>	30 th September 2021	46
30.	Documentary screening and quiz on the occasion of <i>Gandhi Jayanti</i>	2 nd October 2021	30
31.	Feed the Animals on the occasion of World Animal Welfare Day	4 th October 2021	40+
32.	Clean India poster making competition as part of <i>Azadi ka Amrut Mahotsav</i>	5 th October 2021	40+
33.	Mental Health Workshop	13 th October 2021	80+
34.	Plastic Free Campaign	16 th October 2021	15
35.	Clean India Webinar	17 th October 2021	44
36.	Workshop on 'Cloth Pad and Menstrual Cups' on International Girl Child Day	20 th October 2021	100+
37.	Webinar on Cancer Prevention & Palliative Care	25 th October 2021	40+
38.	Online Inter-College Slogan Writing Competition under the aegis of <i>Azadi ka Amrut Mahotsav</i>	25 th October 2021	21
39.	Cyclathon: Virtual Cycle Rally as part of <i>Azadi ka Amrut Mahotsav</i>	25 th - 28 th October 2021	40
40.	Integrity Pledge on the occasion of Vigilance Awareness Week	29 th October 2021	22
41.	Plog Run on the occasion of Clean India Campaign	30 th October 2021	15
42.	Vigilance Awareness Week Webinar	31 st October 2021	28
43.	Online Pledge on the occasion of <i>Rashtriya Ekta Diwas</i>	31 st October 2021	22
44.	Online Elocution Competition on the occasion of Vigilance Awareness Week	1 st November 2021	30
45.	Green cracker on the occasion of <i>Diwali</i>	3 rd November 2021	44
46.	Happiness Drive on the occasion of <i>Diwali</i>	5 th November 2021	44
47.	Potters <i>ki Diwali</i> on the occasion of <i>Diwali</i>	5 th November 2021	44
48.	<i>Nadi ko Jano</i> Webinar	13 th November 2021	40
49.	Diversity in India on the occasion of National Integration Week	19 th November 2021	42
50.	Women's Day on the occasion of National Integration Week	25 th November 2021	44
51.	Preamble Reading on the occasion of Constitution Day	26 th November 2021	45
52.	Online Constitution Quiz	26 th November 2021	45
53.	'Unity in Creativity' under the aegis of <i>Azadi ka Amrut Mahotsav</i>	21 st November 2021	42
54.	Essay Writing on the occasion of National Youth Festival	18 th December 2021	45
55.	Menstruation Matters	27 st December 2021	59

56.	Road Safety Rules on the occasion of Road Safety Awareness Week	2 nd January 2022	81
57.	Road Safety Workshop	5 th - 6 th January 2022	89
58.	Anti-Tobacco Pledge	8 th January 2022	68
59.	Surya Namaskar under the aegis of Azadi ka Amrut Mahotsav	14 th January 2022	50
60.	Voter's Day Webinar on the occasion of National Voter's Day	23 rd January 2022	70
61.	Selfie with Daughter on the occasion of National Girl Child Day	24 th January 2022	83
62.	Reel Making Competition on the occasion of National Voter's Day	25 th January 2022	67
63.	Blood Donation Camp	22 nd February 2022	90+
64.	Documentary session on the occasion of World Wildlife Day	3 rd March 2022	35
65.	Garden Haven Event on the occasion of World Wildlife Day	6 th - 31 st March	50
66.	Bird Feeding Drive on the occasion of World Wildlife Day	8 th March 2022	45+
67.	Pledge Taking on Safe Holi	17 th March 2022	40
68.	Splash with Love and Safety Event on Safe Holi	17 th - 19 th March	40
69.	Quiz Competition on National Vaccination Day	17 th March 2022	60
70.	Online Quiz on World Tuberculosis Day	24 th March 2022	60+
71.	Stationery Drive	27 th March 2022	21
72.	Poshan Quiz on the occasion of Poshan Pakhwada	2 nd April 2022	45
73.	Khichdi Donation Drive on the occasion of Poshan Pakhwada	3 rd April 2022	50
74.	Food & Grain Donation Drive during Poshan Pakhwada	11 th April 2022	10
75.	Self Defense Workshop	14 th April 2022	50
76.	Water Conservation Workshop	26 th May 2022	40
77.	'Best out of waste' Activity on World Environment Day	5 th June 2022	35
78.	Poster Making Competition on World Environment Day	6 th June 2022	35
79.	Online Yoga day Session	22 nd June 2022	29

7.14 Enabling Centre and Equal Opportunity Cell

This year marked some significant milestones in the functioning of Enabling unit and Equal Opportunity Cell of IHE. It inaugurated its student volunteered group named 'Sopaan', aiming at sensitization and undertaking advocacy on discrimination, inequality and marginalisation at social level. As its first event of the session, Enabling Unit and Equal opportunity Cell of IHE along with *Sopaan* organized an interactive webinar on 15th November 2021 on the theme, 'Revisiting the roots of personal equity'. In this session, an insightful talk was given by the esteemed speaker, Mr. Amit from *Adharshila* Learning Centre, Madhya

Pradesh. Through the talk, students were sensitized about the difficulties faced by the marginalized communities. On the occasion of International Disability Day, the Enabling Unit and Equal Opportunity Cell organised an online event on 3rd December 2022. Four distinguished panelists and 48 participants attended this event. The focus of the event was normalisation and acceptance of disability. The panelists, Mr. Faisal, Mr. Amar Pavar, Mr Satish Kapoor and Mr. Abhishek Cannica, represented diverse disciplines and professions and event was comprised of multiple activities such as comic talk, poetry, documentary presentation and research-based discussion. Participants expressed that it was a great learning experience for them and helped them to clear some of their misconceptions around disability. During this session, Enabling unit and Equal opportunity cell also organised their first intercollegiate multimedia competition on the theme 'Understanding Diversity, Combating Inequity'. Winners were felicitated in a prize distribution ceremony held on 11th April 2022. This ceremonial event was utilized to scaffold the meaningful discussion among students on concepts such as diversity, disability, and inclusion Further, in order to address the individual needs of students with disability in the college, Enabling Unit also organized monthly counselling sessions with students with disabilities. To ensure the inclusive curriculum, Enabling Unit also contacted teachers time and again to discuss and suggest suitable changes and modifications in the curriculum and assessment methods to accommodate students with disability. Coordination with exam superintendents and invigilators was done timely to overcome any possible challenges. Throughout the year, students were assisted whenever required and various circulars and schemes expected to be of their relevance were shared.

