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Outreach Footprints

DR. ANUPA SIDDHU, DIRECTOR, LADY IRWIN COLLEGE

Honors/Awards/Recognition/Patents

- Lady Irwin College, recognized as Nodal Centre for Food Safety Training by FSSAI.
- Department of Food Technology, Lady Irwin College, grant received under STAR College Scheme, by Department of Biotechnology, Ministry of Science and Technology (25 Lakhs).
- Department of Food Technology, Lady Irwin College, infrastructure grant received by Ministry of Food Processing Industries, Office of Commissioner of Industries, Delhi Govt (50 Lakhs).
- Invited as Chief Guest at UGC Sponsored National conference on the topic “Food Safety, Nutrition and Sustainability ” on 6- 7th March, 2020 at SPM College.
- Invited as Guest of Honour for one-day National Seminar “Food & Cultures of North East : Solutions to Sustainable Development” held on 22nd August, 2019, at Vivekananda College.
- Convened campaigns on Volunteer for Indian Women on PMSMA by NCEARD in July, 2019.
- Invited Expert, for talk on DD News for series on Arogya Bharat.

Published Papers

- Shukla, P., Siddhu, A. & and Peters, A.N.C. (2019). Lifestyle Management for Type 2 Diabetes: Barriers and Facilitators. International Journal of Scientific Research and Reviews. ISSN: 2279-0543.
- Arora, B. , Siddhu, A. & Peters A.N.C. (2019). Factors/Mechanisms Affecting Status of Iron & Related Nutrients in RYGB Patients. International Journal of Scientific Research and Reviews. ISSN: 2279-0544.
- Dholakia, P., Siddhu, A. & Singh, R. (2019). Total phenolic and flavonoid content and antioxidant activity of amaranth based cookies. *Journal of Emerging Technologies and Innovative Research*. ISSN: 23495162.

Papers presented in conferences:

- Arora, B., Siddhu, A. & Peters, A.N.C. (2019). Prevalence of pre-operative micronutrient deficiencies in patients undergoing Bariatric surgery at 18th National Conference of obesity and metabolic surgery society of India.

Students pursuing PhDs

- Beena Arora (2015). Nutritional profile and quality of life in patients undergoing different bariatric procedures.
- Parminder Sehgal (2015). Nutritional status of NCC cadets.
- Para Dholakia (2015). Development of gluten free cookies having functional benefits using Amaranth based composite flour.
- Prachi Shukla (2016). Effect of different bariatric procedures on type 2 diabetes till one year follow up.

Outreach footprints (CE, Services, workshops conducted, lectures taken etc.)

- Eat Right India with FSSAI.
- Maternal Nutrition with NCEARD.
- Volunteer India Program.
- Swabhiman in three states with Roshni- Centre of Women Collectives led Social Action.

FOOD AND NUTRITION

Honors/ Award / Recognition/ Patents

Dr. Sangeeta Goomer

- Excellent work in Food and Nutrition by Social Imprints CSR Awards and Summit 2019 CSR Advisory Committee-Director Ministry of MSME, 4th January 2019.
- Best Oral presentation award- at G. B. Pant University of Agriculture and Technology for the title “Optimization of extrusion parameters to Develop Protein Quality Rich Product: Sustainability Needs”, Pantnagar, Uttarakhand- August 2019.

Dr. Pulkit Mathur

- Certificate of Merit in recognition of contribution and continued work as a leader in strengthening of Food Safety Eco-system as National Resource Person, of the FOSTAC program awarded by Food Safety and Standards Authority of India on 1 Nov 2019.
- First prize for Oral Presentation (co-author of paper presented by PhD scholar) at the National Seminar on Food and Culture of North East: Solutions to Sustainable Development organized by Vivekananda College, University of Delhi, Delhi on 22 August 2019.
- Third prize for Oral Presentation (co-author for paper presented by PhD student) at the National Seminar on Food and Culture of North East: Solutions to Sustainable Development Vivekananda College, University of Delhi, Delhi on 22 August 2019.
- Member of Evaluation Committee of FSSAI for Smaller States to release the State Food Safety Index 2019-20 held during May-June 2020.
- Member, National Task Force on Balanced & Healthy Diets, Directorate General of Health Services, Ministry of Health and Family Welfare, Government of India.
- Moderator for National Webinar on ‘Sustainable Consumer’ organised by the Department of Consumer Affairs, GOI on the occasion of World Consumer Rights Day on 18th March 2020 on myGov platform.
- Chairperson for Scientific session in Seminar on “Food Fortification- A step towards fit India” organized by Netprofan Delhi Chapter on 18th January 2020 at AIIMS, New Delhi.
- Judge and Moderator for discussion on Healthy eating at an event organized by Indian Dietetics Association and Rotary Club of India during celebration of Dietetics Day 2020 on 10th January 2020 at the High Court, New Delhi.
- Chairperson for session on Bacteriotherapy during the 7th Workshop on Clinical Nutrition organized by The Department of Dietetics, Indraprastha Apollo Hospitals and Centre for Research on Nutrition Support Systems on 30th November 2019 at New Delhi.
- Judge for Poster session on Food Science and Nutrition at the 51st Annual International Conference of the Nutrition Society of India held at Rajiv Gandhi Centre for Biotechnology, Thiruvananthapuram, 8-9 November 2019.
- Judge for Intercollege competition in Food Festival organized by Dept of Food Technology, Shyama Prasad Mukherji College for Women, University of Delhi in association with Nutrition Society of India, Delhi Chapter on 18th September 2019.

Ms. Prachi Shukla

- Awarded I prize in Poster Presentation at ADEcon New Delhi, 16-17th Nov 2019 Title: Comparison of laparoscopic sleeve gastrectomy versus duodenojejunal bypass with sleeve gastrectomy on obesity and type 2 diabetes in Indian adults.”

Dr. Priti Rishi Lal

- Member - Board of studies for M.Sc sports nutrition, MYAS-NIN Department of Sports Science, under MOU with Osmania University, Hyderabad.
- Member- Board of Studies, Applied Nutrition, Osmania University

Dr. Aparna Aggarwal

- NODAL OFFICER for FICSI for Training and Capacity Building

Dr. Swati Jain

- Awarded International Travel Grant -Sight and Life (2019)
- Participant of International Member Focus Group - Nutrition Society UK

Dr. Nidhi Jaiswal

- Jury Member in Foods-Cooking Skill Category in the 6th National Abilympics 2019 held in New Delhi on November 15th & 16th, 2019.

Dr. Neha Bakshi

- Jury at 6th National Abilympics 2019 (FOODS- Bakery), Nov 15 and 16 2019
- Certified Trainer For COVID-19-TOT by FSSAI (April 2020)
- Master Trainer for Entrepreneurship Development Programme by Minisry of Food Processing Industry (December 2020)
- Dedicated services and support to Special Olympic Bharat during healthy athletes Train the trainer (November 2019)

Researches / Projects

Dr. Pulkit Mathur

- Co-ordinator for research study on 'Health Locus of Control and Health Belief Model' under the project "Enhancing nutritional security and gender empowerment" of Division of Agricultural Extension, ICAR-Indian Agricultural Research Institute, New Delhi.

Dr. Pooja Raizada

- Strengthening Life Science and Biotechnology Education Training at Undergraduate Level, March 2020, for 3 years with funds of 25 lakhs under Department of Biotechnology, Ministry of Science and Technology.

Dr. Priti Rishi Lal

- Worked for ICMR-NIN project on Nutrition Education, funded by FAO of the UN.

Dr Aparna Agarwal

- Department of Biotechnology, Ministry of Science and Technology (25 Lakhs).
- Office of Commissioner of Industries, Delhi Govt (50 Lakhs).

Published Books

- Seth V, Singh K, Mathur P. Diet Planning Through the Lifecycle Part II: Diet Therapy -A Practical Manual. Publ Elite Publishing House. 6th Edition. 2019. ISBN 978-81-93599-66-2.
- Bindu. Membrane Processing (In Food Processing & Preservation), Scientific Publishers.

Published Book Chapters

- Agarwal, A., Jaiswal, N., Tripathi, AD. & Paul, V. (2020). “Downstream Processing; Applications and Recent Updates”; *Bioprocessing for Biofuel Production*, 29-55.
- Arora, B & Shukla, P (2020). Follow-up after bariatric surgery. In ANC Peters et al (Eds.), *Bariatric Surgery: A Ready Reckoner* , New Delhi, Salubris. ISBN 978-8194027492
- Goomer, S. “Extrusion Processing of Cereal Pulse Based Products”. *Research on Food Process Engineering and Applications*, Florida, USA: Apple Academic Press and CRC Press.

Published Papers

- Ansari, G., Jain, S. and Bhatia, N. (2020). Association of Maternal Dietary Diversity and Nutritional Status with Child’s Dietary Diversity and Nutritional Status (2-5 years) in India. *World Nutrition*, 11:1-19.
- Arora, B., Gupta, L., Khandelwal, D., Bhattacharya, S., Kalra, S., Chittawar, S., Paliwal, A., Lal, P. R., Dutta, D. (2019). Knowledge, attitude and practices of fasts in patients with type-2 diabetes among different religions in North India” *International Journal of Diabetes in Developing Countries*. Springer India, July 2019; pp 1-7. <https://doi.org/10.1007/s13410-019-00760-z>.
- Bakshi, N. & Singh, K. (2019). Nutrition status and its impact on quality of life and performance status in end-stage liver disease. *Indian J Transplant*, 2019;13:31-7.
- Chopra, M., Kaur, N., Singh, K. D., Maria Jacob, C., Divakar, H., Babu, G. R., Hong Nguyen, P., Bhanot, A., Sabharwal, M., Deb, S., Baswal, D., Louise Killeen, S., McAuliffe, F. M., Hanson, M. A., & Sethi, V. (2020). Population estimates, consequences, and risk factors of obesity among pregnant and postpartum women in India: Results from a national survey and policy recommendations. *International Journal of Gynecology and Obstetrics*, 151(S1), 57–67. <https://doi.org/10.1002/ijgo.13319>
- Goomer, S. (2020). Nutritional and Health benefits of Plant Proteins: A Review. *Plant Archives*. (Special Issue AIAAS-2020), Vol, 20:160-162. ISSN 0972-5210
- Goomer, S. (2020). Nutritional and Pharmacological Potential of Potato Peels: A Valuable Multifunctional Waste of Food Industry. *Plant Archives*. 20 (AIAAS-2020), 84-87. ISSN 0972-5210
- Gupta, A., Kapil, U., Lal, P.R. (2020). Prevalence of Anemia Amongst School Going Adolescent Girls Residing in Rural Block of Haryana, India. *Current Developments in Nutrition*. 2020 Jun; 4(Supplement-2); 198.
- Gupta, L., Arora, B., Khandelwal, D., Lal, P. R., Bhattacharya, S., Dutta, D., Chittawar, S., Paliwal, A. (2020). Dietary practices During Common Religious Fasts in People with Type-2 Diabetes Mellitus Among Different Religions in North India – A Questionnaire-based Study. *US Endocrinology*. 2020;16(1).
- Gupta, L., Khandelwal, D., Lal, P.R., Kalra, S. & Dutta, D. (2019). Palaeolithic Diet in Diabetes and Endocrinopathies - A Vegan’s Perspective. *European Endocrinology*, 16 Aug 2019; Pg 77-82.
- Jain, A. & Mathur, P. (2019). Risk Assessment of Sulphite Exposure through Foods Among Adolescents of Delhi (India). *Current Nutrition & Food Science*, 15, 685-693. DOI 10.2174/1573401314666181002143352. ISSN: 2212-3881 (Online) ISSN: 1573-4013 (Print)
- Kohli, S. & Chadha, R. (2020). Counselling skills of Accredited Social Health Activists for promotion of optimal Infant and Young Child Feeding practices. *Indian Journal of Community Health*. 32(1). Available from: <https://www.iapsmupuk.org/journal/index.php/IJCH/article/view/1316> (Group II Web of science list, ISSN- 0971-7587/ 2248-9509) <https://mjl.clarivate.com/search-results>
- Lal, R.P., Bhatnagar, A. & Jaiswal, N. (2020). “Protein Supplements Intake by Recreational

Gymnasium Users- A Review; *International Journal of Health Sciences and Research* 10 (3), 164-167.

- Mediratta, S., Mathur P. (2019). Does measuring diet quality help in predicting health outcomes? *Int J Health Sci Res.* 9(6):378-384.
- Rastogi, S., Khanna, A. & Mathur, P. (2019). Educational interventions to improve menstrual health: approaches and challenges. *International Journal of Adolescent Medicine and Health.* 20190024 ISSN (Online) 2191-0278, DOI: <https://doi.org/10.1515/ijamh-2019-0024>.
- Rastogi, S., Khanna, A. & Mathur, P. (2019). Uncovering the challenges to menstrual health: Knowledge, attitudes and practices of adolescent girls in government schools of Delhi. *Health Education Journal* 1-12. ISSN: 0017-8969; Online ISSN: 1748-8176 <https://doi.org/10.1177/0017896919850209>
- Singh, S., P, V. Sangeetha., Paul, S., Barua, S., Mathur, P., Rathore, H. & Keshava. (2019). Consumer behavioural intention and perception towards organic foods in national capital of India. *Indian Journal of Agricultural Sciences.* 89(4): 588-595. ISSN 0019-5022.
- Sharma, V. & Chadha, R. (2020). Assessment of Portion Sizes of Food items commonly consumed by Urban Indian Adults: A Preliminary Study. *Curr. Res. Nutr Food Sci Jour.*, Vol. 8(1),182-196. (Group II Scopus list, ISSN- 2347-467X/ 2322-0007) <https://www.scopus.com/sources.uri>
- Shukla, P., Siddhu, A., & Peters, ANC. (2019). Lifestyle Management for Type 2 Diabetes: Barriers and Facilitators. *International Journal of Scientific Research and Reviews*, 8(2), 487-496.
- Singh, K.D., Choedon, T., Bhanot, A., Kaur, N., Chopra, M., Sabharwal, M., Sethi, V., Baswal, D., Scott, S., Menon, P., & Nuyen, P. (2020). Population Estimates and Risk Factors for Severe Thinness, Thinness, Overweight and Obesity Among Pregnant Women and Mothers in India. *Current Developments in Nutrition*, 4(Supplement_2),975-975. https://doi.org/10.1093/cdn/nzaa054_047
- Sinha, S., Verma, L. and Nigam, S. (2020). Comparison of Anthropometric Indices with Bioelectrical Impedance Analysis (Bia) Method to Assess Overweight And Obesity In Indian Women: Need For More Appropriate Index. *The Indian Journal of Home Science* 2020: 32(2).

Papers presented in Seminar/conference/workshops/training

- Bakshi, A. presented poster and abstract co-author, Interrelation between school based services dietary intake and micronutrient deficiencies among school going children and adolescent aged 5-19 years in India organized by American Society of Nutrition.
- Goomer, S. Oral presentation on the topic “Strengthening and promotion of underutilized indigenous fermented food for creating livelihood”, at G. B. Pant University of Agriculture and Technology, Pantnagar, Uttarakhand
- Gupta, A.T. Presented a paper in National conference on Learning 2019 (December 6-7 2019) titled “Translating knowledge into practice: barriers and facilitators”.
- Gupta, A.T. Presented a paper in National conference on Food Safety, Nutritional Security and Sustainability (March 6-7 2020) titled “Anthropometric and Body Composition Profile of Urban Affluent Women (25 - 45 years) in Delhi.”
- Kohli, S. & Chadha, R. (2020). Relation between optimal Infant and Young Child Feeding knowledge and its communication during counselling by Accredited Social Health Activists. Theme 1 – ‘Supporting nutrition behaviors in the first 1000 days’ at virtual event ‘Delivering for Nutrition in India: Insights for Implementation Research’ by IFPRI-POSHAN from 15-18 Sep, 2020. Available at: <http://poshan.ifpri.info/delivering-for-nutrition-in-india-insights-from-implementation-research/posters>.
- Kohli, S. & Chadha, R. (2020). Validity and Reliability of a tool for assessment of Counselling Skills of Accredited Social Health Activists for optimal Infant and Young Child Feeding Promotion and Malnutrition Screening. Category – Poster Presentation at UGC Sponsored National Conference on

- Food Safety, Nutritional Security and Sustainability “at University of Delhi, Department of Food Technology, Shyama Prasad Mukherji College for Women, New Delhi, India from 6-7 Mar, 2020.
- Kumari, P., Kumari, A., Agarwal, A. Aggarwal, D. & Sachdev, B. (2020) Formulation, Development and Evaluation of Bioactive¹¹⁷ Chewing Gum using Apple Peel Extract. Oral Presentation at National Conference on “Emerging trends for development of functional foods” organized by College of Dairy Technology, Warud, Maharashtra Animal and Fishery Sciences University, Nagpur, Maharashtra.
 - Lal P.R. “Principles of Diet planning for various Sports” Invited Guest Speaker for a Session in the Seminar conducted at LAD college in the Seminar on “Essentials of Sports Nutrition” held by NSI Nagpur chapter in collaboration with LAD college, Nagpur on 31st October 2019.
 - Lal P.R. Invited Resource person, Department of Food Technology of Bhaskaracharya College of Applied Sciences, Delhi University under IQAC of BCAS, recognised as the nodal point for imparting quality education in the field of Food Science and Technology by the MoFPI, GOI, in the Two Day National Webinar on “Nutrition & Fitness for Sports:The added Covid Challenge” on 30.5.2020 and “Sport Specific Nutrition for Performance Enhancement” on 31.5.2020 from 12 noon to 1 pm.
 - Mathur, P. Changing Food Safety Scenario: Implications for Food Businesses at a UGC sponsored National Conference on Food Safety, Nutritional Security and Sustainability organized by Shyama Prasad Mukherji College for Women, University of Delhi on 7 March 2020.
 - Mathur, P. Healthy Eating at the 7th Refresher Course in Basic Sciences (Interdisciplinary Sciences) organized by UGC- Human Resource Development Centre, Jamia Millia Islamia, Delhi on 13 Nov 2019
 - Mathur, P. Indian cooking methods and nutrient preservation at a National Webinar on Traditional Indian Food Habits, Life style and Immunity in Reference to Covid-19 Pandemic organized by Department of Home Science Gorakhpur University on 24 May 2020.
 - Mathur, P. Insights into Eating Right - A Panel Discussion held on International Day of Yoga, an International Webinar organized by Ministry of Ayush, FSSAI, Eat Right Foundation and Amway on 20th June 2020.
 - Mathur, P. Maintaining healthy diet and lifestyle as a part of a National Webinar organized by UNICEF and NCEARD on the theme “COVID-19: Stress Management and Healthy Lifestyle for Adolescents” on 2 April 2020.
 - Mathur, P. The ABCD of nutrition assessment and physical activity assessment at a workshop on Nutrition Epidemiology Course: Module 3 – Nutritional Assessment Methods organized by NCEARD, Lady Irwin College in Collaboration with UNICEF India on 26 Aug 2019.
 - Mathur, P., Public Health Aspects of Food Safety at a Webinar organized by Indian Institute of Public Health-Delhi, Public Health Foundation of India on 20 April 2020.
 - Namratra, Nigam, S. Agarwal, A. Sachdev, B. & Aggarwal, D. (2020) Development of Functional Edible Packaging using Sago Starch and Soy Flour Incorporated with Tulsi Leaves Extract. Oral Presentation at National Conference on “Emerging trends for development of functional foods” organized by College of Dairy Technology, Warud, Maharashtra Animal and Fishery Sciences University, Nagpur, Maharashtra
 - Rastogi, S., Mathur, P. & Khanna, A. (2020). Development and Effectiveness of a behaviour change Communication strategy to improve Dietary behaviour of adolescent girls in school. At UGC sponsored National Conference on Food Safety, Nutritional Security and Sustainability organized by Shyama Prasad Mukherji College for Women, University of Delhi, from March 6th -7th, 2020.
 - Sabharwal, M. Presented a paper in NCEARD-UNICEF COVID -19 Webinar Series #3, Nutrition, Healthy Lifesyle and support for Elderly on April 30, 2020 on COVID-19: Healthy Diet and Lifestyle Messages for Elderly.

- Sharma V, Chadha R. (2020). 'Development of a Digital Diet assessment tool to measure Food intake of an urban Indian population group : A pilot study' in the 1st Online National Conference on Nutrition and Health 2020 organized by the Department of Community and Family Medicine, All India Institute of Medical Sciences Mangalagiri, Andhra Pradesh, India held on 12th-13th September, 2020 and was awarded 1st prize for poster presentation of research study.
- Sharma, V. & Chadha, R. (2020). Development of Food Photograph Series for Portion size estimation in Diet assessment. UGC Sponsored National Conference on Food Safety, Nutritional Security and Sustainability held on 6th-7th March, 2020 at Shyama Prasad Mukherji College for Women, University of Delhi, New Delhi, India.
- Shukla, P. Poster presentation at ADEcon New Delhi, 16-17th Nov 2019 "Comparison of laparoscopic sleeve gastrectomy versus duodenojejunal bypass with sleeve gastrectomy on obesity and type 2 diabetes in indian adults."
- Shukla, P. Poster presentation at OSSICON Kolkata, 24-26th January 2019 "Effectiveness of duodenojejunal bypass with sleeve gastrectomy (DJB-SG) on obesity and type 2 Diabetes."
- Verma, L. Lifestyle risk factors and associated diseases among Teachers of Government and Non Government School of Delhi " Oral Presentation in UGC Sponsored National Conference on Food Safety, Nutritional security and sustainability on March 6th to 7th 2020
- Verma, L. & Bakshi, N. Nutritional status and eating out behaviour of 19 to 25 year old students living in East Delhi as Paying Guest " Oral Presentation in UGC Sponsored National Conference on Food Safety, Nutritional security and sustainability on March 6th to 7th 2020

Students awarded PhDs

Dr. Sangeeta Goomer

- Joshita Lamba, 2013, Investigation of probiotic nature of conventional Indian fermented foods
- Chanu Handa, 2006, Development of multigrain, fibre enriched, low calorie snacks

Dr. Ravinder Chadda

- Srishti Aggarwal, 2012, Feeding difficulties and nutritional status of children with cerebral palsy and counselling intervention in underprivileged settings.

Dr. Manisha Sabharwal

- Anjali (2013). Nutritional status and Perceived Barriers to Physical Activity Among Collegiate students (18-24 years) of Delhi.

Students pursuing PhDs

Dr. Sangeeta Goomer

- Radhika Jain. (2017). Development of Ready-To-Use high protein quality and high fibre chunks for lifestyle diseases.
- Niharika Sachdev. (2017). Technology development for production of millet based protein products.
- Hema Singh. (2016). Study on arsenic content in rice produced in Trans-Indo Gangetic plain in India.
- Zoha Ansari. (2016). Microencapsulation of Bioactive compound from potato peel and mulberry leaves.

Dr. Ravinder Chaddha

- Kanika Aggarwal, Association of cardiometabolic, dietary and other lifestyle factors with risk of incident diabetes among adults residing in urban Delhi- A nested case control study

- Sahiba Kohli, Competency of Accredited Social Health Activists in Infant and Young Child Feeding Counselling and community based screening of Malnourished Children: Development of Skill-based Training and Job Modalities.
- Vidisha, Development and Validation of Food Photograph Series Software for Food Portion size estimation.

Dr. Manisha Sabharwal

- Preetika Khenduja (2016). Assessment of Nutritional, Health and Morbidity status of Elderly Population of Uttarakhand State.
- Ms Ridhima Kapoor. (2019). Affordable, Nutritious and Diverse Diets Utilizing Indigenous Foods to Address Malnutrition in HO tribal Community of Jharkhand, India.

Dr. Pulkit Mathur

- Srishti Mediratta. (2016). Communicating Healthy Food Choices to Consumers Through Nutrient Profiling.
- Shreya Rastogi. (2014). Development of a Behaviour Change Communication Strategy to Promote Nutritional and Menstrual Health Care Practices among Underprivileged Adolescent Girls (14-19 years).
- Sunaina Thakur. (2018) Promotion of Consumption of Safe and Nutritious Food Among School Children.

Dr. Lalita Verma

- Ms Ruchi Verma: Utilization of Primary Health Care (PHCs) services for antenatal care of pregnant women in Delhi
- Ms Sindhuja M: Protein intake behavior and associated health related fitness profile of adults gymnasium users

Dr. Priti Rishi Lal

- Avneet Oberoi. (2015). Nutritional profile and related lifestyle of women (19-40 years) with infertility.
- Himabindu Malla. (2016). Energy availability amongst elite Indian adolescent athletes training under Government Of India schemes: Effect of intervention with Holistic Model of Behaviour Change Communication.
- Aakriti Gupta. (2016). Association of iron, folic acid, vitamin B 12, vitamin A and zinc status with anemia amongst rural girls (12-17 years): A case control study.
- Lovely Gupta. (2017). Effects of carbohydrate counting education intervention on glycemic control, metabolic risk factors and knowledge, attitude, practices among people with Type 1 Diabetes Mellitus (16-30 years): A Randomized Controlled Trial.

Consultancy

Dr. Manisha Sabharwal

- Provided consultancy for guidance notes and resource material for strengthening maternal nutrition services during antenatal care for NCEARD.
- Resource person for, 'One day training for representatives of 11 districts on 'Strengthening maternal nutrition services in Antenatal care by NCEARD at Directorate of Health & Family Welfare, Vikas Bhawan, New Delhi and presented on 'Status of Maternal Malnutrition in the state.'
- Resource person for Sphere India, COVID 19 Academy , a capacity building initiative of NDMA, UNICEF, World Health Organization (WHO), HCL Foundation and Sphere India for volunteers and

outreach workers across India for COVID preparedness and response. The topic was 'Maintaining healthy eating and lifestyle for general population during COVID 19 outbreak' and was streamed live on April 15, 2020

Dr. Pulkit Mathur

- Health and Nutrition training to Primary school Teachers and Principals July August, 2019 for Save the Children.

Dr. Priti Rishi Lal

- 1st July 2019 to 30th June 2020: Scientist - E, MYAS-NIN Department of Sports Science, ICMR-NIN, Hyderabad.

Dr. Neha Bakshi

- Short Term Consultancy at National Centre of Excellence and Advanced Research on Diets on development of communication material

Dr. Anjani Bakshi

- Short Term Consultancy at National Centre of Excellence and Advanced Research on Diets

Outreach Footprints (CE, Services, workshops conducted, lectures taken etc.)

Dr. Sangeeta Goomer

- Conveyed technical information of Food Safety for easy understanding of lay person- Radio talk on the topic: application of food safety
- Presented two Lectures on the topic- Mutual supplementation and probiotics organized under CAAST-NC project, organized for Twenty one days National Training Programme, sponsored by World Bank.

Dr. Manisha Sabharwal

- V4IWC, (Volunteer for Indian Women campaign NCEARD, technical support unit for MoHFW supported by UNICEF India) under Poshan Abhiyan from June 1st to June 15th 2019, Activities included- Nutritional and health related counselling, screening of nutritional status, street plays, demonstrations, social media related activities for health and nutrition promotion, development of communication materials, wall art/ paintings.
- Broadcasted a Radio Programme at AIR FM Rainbow Delhi on "Adolescent Health and Nutrition". Phone in questions from across India were answered on diets, nutrition, healthy eating habits on December 11, 2019.
- Expert in the Panel Discussion for Programme, "Arogya Bharat" on Doordarshan, National TV titled Mission Poshan : Maternal Obesity on January 6, 2020.

Dr. Pulkit Mathur

- Delivered talk on Healthy Eating at the 2nd Eat Right Mela organized by the Food Safety and Standards Authority of India, held on 29th December 2019 at JLN Stadium.
- Workshop conducted on Diet diversity for mothers and children associated with the Magic Bus Foundation on 6 Sept 2019.
- Helped organize Capacity Building & Sensitization Workshop on Anemia Mukht Bharat- T3 Camps & Financial Efficacy at Lady Irwin College on 14 Jan 2020 co-organized by NCEARD and Nutrition Society of India, Delhi Chapter.

- Organized Workshop on Draft Notification on -Safe Food and Healthy Diets for School Children Regulations 2019 of FSSAI at Lady Irwin College on 29 Nov 2019 co-organized by NetProFaN Delhi Chapter, Nutrition Society of India Delhi Chapter and Department of Food and Nutrition, Lady Irwin College.
- Co-ordinated student volunteers during the 2nd Eat Right Meal and National Street Food Festival organized by NASVI and FSSAI between 26-29 December 2019.

Dr. Pooja Raizada

- Convenor, Disaster Management, Training Program for Students & Staff by Delhi Disaster Management Authority on 10.1.2020.
- Organized, Walk for water and Tree plantation drive for Students & Staff under JAL SHAKTI ABHIYAAN, GOI Initiative on 22.7.2019.
- Nodal Officer, for Medical Education, counseling and Information related to Covid 19 for Students, Staff (teaching and non-teaching) w.e.f March, 2020.
- Organized Cervical Cancer Prevention Workshop on 20th September 2019 with support from NSS in collaboration with MHDC.
- Coordinated a Webinar on 'Regulatory Aspects of Nutraceuticals', Speaker Dr. Prabodh S.Halde, on 23.5.2020 under the Star College Scheme organized by Department of Food Technology and Food & Nutrition

Dr. Lalita Verma

- Co-ordinator of School of Open Learning , Delhi University
- Constitution of expert/selection/kitchen inspection committee for empanelment of NGOs for study of freshly cooked Mid day Meal to the students of schools of Directorate of Education
- Participated in National Poshan Maah Drive in Community like, aganwadi centers , NDMC schools on Anemia Mukth Bharat and Hygiene and Sanitation for Community outreach

Ms. Prachi Shukla

- Delivered a lecture on "Diet Management Post Bariatric Surgery" at Lady Irwin College in an International Seminar on "Scope of Public Health Nutrition: A Global Perspective" 3 January, 2020.
- Delivered a lecture on "Diet Management in Diabetes" at Max Super Speciality Hospital Saket on 13 Oct 2019.

Dr. Priti Rishi Lal

- Lal P.R. Nutrient Periodisation for High performance Sports. Presented as a resource-person at the Sports Nutrition Workshop of IDA, Delhi Chapter, held at Max Hospital, Saket, New Delhi, 13 July 2019.
- Nutrition for Marathoners: Nutrition Education session delivered for three marathon clubs, organised by the " Dhavaks" April 2020.

Dr. Shailly Nigam

- Talk on "The B - Biochemical methods of nutritional assessment" in Nutrition Epidemiology Course: Module 3 – Nutritional Assessment Methods, National Centre of Excellence and Advanced Research on Diets (NCEARD), Lady Irwin College In Collaboration with UNICEF India, August 26-29, 2019

Dr. Aparna Aggarwal

- Organised Food Court at AIWEFA North East Expo
- Volunteer at Street Food Festival organised by FSSAI
- Organised workshop on Resume writing

- Organised workshop on Career Opportunities in the field of Food science and Technology
- Organised training session on Sensory evaluation of foods

Dr. Dipesh Aggarwal

- Conducted Food Safety Supervisor Training for Different Food Industries in the field of Milk and Milk Products, Advance Manufacturing and Street Food Vendor and have trained more than 300 people under the aegis of FoSTaC, FSSAI, Government of India

Dr. Swati Jain

- Organized a special lecture on “Role of Yoga and Traditional Practices in Disease management” by Dr. Mantu Saha (Senior Scientist, Defence Institute of Physiology and Allied Sciences, Delhi) for PGDDPHN students on 16th Oct’2019.
- Organized an awareness session on diet and hygiene with the students of Bsc 2 yr (Pass) for the CHASE- cleaning staff of the college on 19th Sept’19, as part of Rashtriya Poshan Maah celebrations (National Nutrition Month, September 2019). The topics that were covered were healthy eating practices, rich sources of nutrients, iron and calcium rich recipes and personal hygiene.

Dr. Neha Bakshi

- A visit was organized to MDM Alipur Kitchen for M.Sc. Gp A and B students. The students conducted extension activities on: Importance of breast feeding, Anemia prevention, recipe demonstration for complementary feeding and reinforcement of food safety and hygiene among MDM workers (September 2019)
- Participated in 11th Apollo International Clinical Nutrition Update 2019 (September 2019)
- Visit was organized Sport Authority of India for students studying Nutrition and Fitness (September 2019). The faculty coordinated were Dr. Neha Bakshi and Dr. Anjani Bakshi.
- Organized a Food stall at NE Expo with M.Sc. Final Year Students to enhance their entrepreneurship skills (November 2019). The faculty coordinated were Dr. Aparna Aggarwal, Dr. Nidhi Jaiswal and Dr. Neha Bakshi.
- Organized canteen project for PGDDPHN students to enhance their knowledge in the field of recipe standardization and entrepreneurship development on 3rd February 2020. Students reported 92% profit.
- Conducted Quiz at Eat Right Mela By FSSAI and Volunteered at 2nd Eat Right Mela for Food Safety and Standard Authority of India (December 2019)

Dr. Nidhi Jaiswal

- Participated as Delegate / Exhibitor / volunteer at the Annual Convention of the Foundation at 7-A, Institutional Area, Sarita Vihar, New Delhi-76, on 10th Nov 2019. Has provided Nutritional Counseling at the Annual Convention of the Foundation organized by Diabetic Self Care Foundation on 10th November, 2019.
- Dr. Nidhi Jaiswal has delivered a lecture on “Food high in fat, sugar & salt, replacing balanced diet” during Training of Trainers in Nutrition & Health education for officers of ICDS & field officer of NGO’s w.e.f 27th to 31st January 2020, organised by Food and Nutrition Board, M/O Women & Child development, Government of India at CFNEU Kidwai Nagar. Date and Time: 27th January 2020 at 11:30 am.
- Activities conducted for the students 2019-2020
- 18 MSc Final Year Students visited Cardio-Thoracic Sciences Centre at All India Institute of Medical Sciences (AIIMS), Delhi on August 20, 2019, accompanied with two faculty members- Dr. Nidhi Jaiswal and Dr. Alka Mohan with the objective to be sensitized towards a hospital setup and patients and to get an insight of the functioning of various department such as CNC and oncology.

- 4 MSc students have attended National conference on micronutrients “Micronutricon 2019” on 8th September, 2019, organized by Pediatric & Adolescent Nutrition Society in collaboration with Nutrition International and Alive & Thrive at Gulmohar Hall, India Habitat Centre, Lodhi Road, New Delhi with the objective of sensitizing the importance of micronutrients in present scenario since they are needed in small amount to support growth and other body functions, like aid in metabolism and managing the stress through antioxidant interactions, among others.
- 20 PGDDPHN and 4 MSc final year students have participated in Annual Diabetic Camp organized by Diabetes Self Care Foundation held on 10th November, 2019, accompanied with Dr. Nidhi Jaiswal. The students prepared and displayed the recipe from the recipe booklet by NCEARD. students also counseled and provide diabetes self-management education to the patients to facilitate the knowledge, skills, and ability necessary for diabetes self-care to improve the quality of life outcomes in diabetes.

Dr. Anjani Bakshi

- Poshan Maah activity: T3 camps, health talks
- Counselling for health promotion in Special Olympics
- FoStaC training coordinator
- Counseling sessions under Pradhan Mantri Surakshit Matritva Abhiyan
- Speaker in Ten News on Healthy Living: Eat Well Exercise Right
- Panelist for Doordarshan show on maternal anemia.

Dr. Poonam Singh

- Member, Organizing Committee in the webinar on “Role of Quality Indicators to Improve Nutrition Care Process” organized by Department of Food and Nutrition, Lady Irwin College on September 12th, 2020.
- Attended online five days Hands on National Workshop on “Moodle: An Online Learning Management System” organized by the Department of Biochemistry, Institute of Home Economics held from July 01 to July 05, 2020 on Google Meet
- Participated in two days webinar on topic “National Education Policy and Open Digital Education “ organised by ILLU, University of Delhi held on October 12th -13th, 2020.
- Member, Organizing Committee in the webinar on “Sensitization & Capacity Building of AWW on Rashtriya Poshan Maah” organized by Department of Food and Nutrition, Lady Irwin College on 16th September , 2020.

HUMAN DEVELOPMENT AND CHILDHOOD STUDIES

Honors/ Award / Recognition/ Patents

Dr. Vinita Bhargava

- Member, Screening Committee for selection of Candidates for Ph.D, Dept. of Home Science September 2019.
- Member, Screening Committee for selection of faculty for Dept. of Human Development and Childhood Studies August 2019.
- Member of panel of NOC Committee for inter-country adoption of CARA. Wef. 1st April 2019-2021 (2yr period)
- Member, Screening Committee for selection of Candidates for National Bravery Awards by ICCW conferred on Republic Day 2019-2020

Researches / Projects

Dr. Shraddha Kapoor

- Project Coordinator and Senior Consultant , UNICEF Project - Development of a Resource Kit on Responsive Parenting Interdepartmental Collaborative project from Departments of Development Communication & Extension (DCE) & Human Development & Childhood Studies (HDCS) Lady Irwin College (University of Delhi).

Dr. Dimple Rangila

- Research Assistant, Inter-departmental (Department of Human Development & Childhood Studies and Department of Development Communication & Extension, Lady Irwin College, University of Delhi) project for preparation of Responsive Parenting resource kit for UNICEF, Delhi, India.

Published Books

- Joshi, P. (2019). Child Development and Education in the Twenty-first century. Publisher: Springer (International) Switzerland and Singapore ISBN: 978-9811392573.

Published Book Chapters

- Arya, Y. & Joshi, P. (2020). Teachers' beliefs about early literacy development. In Malviya, R., Kalra, B.M., Asthana, N., & Mehta, R. (Eds.), Learning Conference: Learning: Trends, needs & opportunities (pp. 122-134). New Delhi: Renova International Publications. ISBN:978-93-87879-65-2.
- Chaudhary, N., Kapoor, S. & Pillai, P. (2020). State of the young child in India. *Early learning and holistic development: Challenges, prospects, and way forward*. New Delhi: Mobile Creches.
- Dev, P., & Joshi, P. (2020). Information and communication technology and the young child. In R. Malaviya, M. B. Kalra, N. Asthana & R. Mehta (Eds.), Learning: Trends, needs & opportunities (pp. 98-111). New Delhi: Renova International Publications. ISBN:978-93-87879-65-2.
- Khola A. & Rangila D. (2019). A study on educational aspirations of Muslim women. In Malaviya, R. (Eds.). *Inclusive Education: Issues, Challenges and Possibilities*. New Delhi: Vishwa Gyan Prakashan. ISBN: 978-93-83837-72-4.
- Pokhriyal, S., Bhargava, V., & Kalra, M.B. (2019). More than academic learning: Schools as nurturing spaces for mental health. In S. Meena & A. Kumar (Eds.), *Emerging issues and challenges of the adolescent's behavior* (pp. 147-159). IAHRW.

Published Papers

- Bhamrah, A. & Rangila, D. (2020). Visually Impaired Person's Experiences of Social Inclusion. *Indian Journal of School Health & Wellbeing*, 6(1), 23-30.
- Bhatia, A. & Joshi, P. (2019). Role of parents in the use of technology in middle childhood. *International Journal of Academic Research and Development*. 4(2), 126-129. ISSN:2455-4197
- Marothiya, N., Kapoor, S., Bhargava, V. (2020). The impact of COVID-19 crisis on the well being of children. *Indian Journal of School Health and Well-being*. 6(3).
- Puri, V. & Bhargava, V. (2020). 'Experiences of Early childhood Education Services in a Migrant community. *Indian Journal of Education* (ISSN: 0377-0435)
- Rangila, D. (2019). Everybody has a story: Use of storytelling to address inclusion and diversity in primary classrooms. *International Journal of Advanced Education and Research*. ISSN: 2455-5846.

Papers presented in Seminar/conference/workshops/training

- Bhargav, V. (2020). Education for Mental Health Chair of Session National Conference on Learning 2019 Academics and researchers December 6th 2019, 2 days 6th-7th Dec. 2020 Lady Irwin College
- Rangila, D. (2019). "The Power of Storytelling in Classrooms: Role of Teachers" at National Conference on Learning organized by Department of Education, Lady Irwin College, University of Delhi on December 6th-7th, 2019.
- Sethi, R. (2019). Presented a paper titled "Supporting Working Parents: A Case Study of Indian I.T. Industry" at the National Seminar on Childhood and Parenting in Contemporary times". at Amity Noida, September 2019.
- Sethi, R. (2019). Presented a paper titled "Child Care Arrangements of Parents in Corporate India: A Case Study of Indian I.T. Industry" at the XXIX Annual Convention of National Academy of Psychology, (NAOP) and International Conference on "Making Psychology Deliverable to the Society" December , 2019.
- Sethi, R. (2019). Presented a paper titled "Early Childhood Care and Education for Sustainable Development." at the National Conference of Learning, Teachers: Effecting Change for a Sustainable Future, Department of Education Lady Irwin College, December, 2019.

Students pursuing PhDs

Dr. Vinita Bhargava

- Savita Sagar. (2014). Perception of the self among Dalit young adult women in government jobs: Beneficiaries of reservation policy. Submitted
- Vardhana Puri. (2015). Forced to migrate : family life and childcare in select regions.
- Shruti Pokhriyal. (2017). Mental Health Services in School.
- Deepti Gupta. (2015). Exploring the lives of the Children of the Agariya Community working in the salt pans of Gujarat.
- Nidhi Marothiya. (2019). Prevalence of abuse: A study on 11-13 year old adolescents.

Dr. Shraddha Kapoor

- Pooja Maggu. (2013). Feelings matter: Exploring children's emotional experiences at school.
- Bhavna Negi. (2017). Contextualising childhood and child rights in Indian families.
- Nidhi Marothiya. (2019). Prevalence of abuse: A study on 11-13 year old adolescents.

Dr. Priti Joshi

- Pranjali Dev. (2017). Out-of-school language and literacy experiences of children.
- Yatika Arya. (2017). Literacy and Human Development: Policies, practices and contexts.

Dr. Punya Pillai

- Kalpana Jamwal. (2014). Symbolic development and scale estimations in young children. (Supervisors: Dr. Nandita Chaudhary, Dr. Neerja Sharma, & Dr. Punya Pillai). Submitted
- Deepa Gupta. (2017). Young children's prosocial behavior in multiple caregiver home settings (co-guided with Dr. Nandita Chaudhary).

Consultancy

Dr. Vinita Bhargava

- Nov 2019, Responsive Parenting Project 2019-2020, UNICEF Department of HDCS and DCE

Dr. Shraddha Kapoor

- Nov 2019, UNICEF Project - Responsive Parenting - Senior Consultant

Dr. Priti Joshi

- Member, Institutional Ethics Committee, Public Health Resource Network, New Delhi
- Advisor, Executive Committee Education, KKCF Charitable trust, Education, KKCF Charitable Trust, Faizabad, U.P

Dr. Punya Pillai

- Technical Background Paper for State of the Young Child in India Report 2020, Mobile Creches, New Delhi.

Outreach Footprints (CE, Services, workshops conducted, lectures taken etc.)

Dr. Vinita Bhargava

- Preparation of Home Study Report and Child Study Report Resource person Three day residential Workshop for training of social workers for Adoption related work for Kerala State NGO Social Workers and Govt, Functionaries July 17th -19th, 2019. 3 days CARA
- Preparation of Home Study Report and Child Study Report Resource person Workshop for training of social workers for Adoption related work for West Bengal and Sikkim, NGO Social Workers and Govt, Functionaries 7th- 9th August. 2019 3 days CARA
- Preparation of Home Study Report and Child Study Report Resource person Workshop for training of social workers for Adoption related work for Orissa State NGO Social Workers and Govt, Functionaries 2nd -6th June 2019 CARA
- Education for Mental Health Chair of Session National Conference on Learning 2019 Academics and researchers December 6th 2019 2 days 6th-7th dec. 2020 Lady Irwin College
- Preparation of Child Study Report Person Three day residential Workshop for training of social workers for Adoption related work for UP State.NGO Social Workers and Govt, Functionaries January 19th- 22nd 2020. NIPCCD & CARA
- Pre and Post Adoption Counselling Online Lecture Advanced Diploma in Child Guidance and Counselling Students doing the Diploma Course 29th May, 2020. NIPCCD
- Panelist on session for expansion of adoption programme and ensuring family based care for CNCP. Speaker National Consultative Workshop on Child Adoption in India: Major Gaps and Proposed Adoption Reforms 14th Jan 2020. CARA.
- Webinar on Parenting Speaker Understanding the isolation, anxiety, pressures and boredom of the coronavirus, the challenges it brings to their world and what can be done to protect them NGO's 11th June 2020 Centre for Research & Advocacy for Child Rights & Persons with Disability

Dr. Shraddha Kapoor

- One day workshop on ECCE, Lady Irwin College 11th November 2019, UNICEF
- 50 years of HDCS Department: Looking forward with 70s batch Lady Irwin College HDCS Alumni 11th February 2020.

Dr. Priti Joshi

- Invited Lecture: M.A. Early Childhood Development Department, Jamia Milia Islamia University, "Theories of Vygotsky and Bruner: Connecting theory to practice at home and school"

Dr. Dimple Rangila

- Workshop on “Let the story do the talking: enhancing self-expression among children” for pre-primary and primary school teachers of The Banyan Tree school on July 6th, 2019.
- Workshop for teachers from various schools of Delhi/NCR on ‘Emotional Intelligence and Solid Compassion’ on July 20th, 2019.
- Expert Session on “Self Awareness through Storytelling” at Orientation program for BBA at IILM Business School on August 21st, 2019.
- Interactive and participatory workshop for pre-primary teachers (63) PAN India at Faculty Development and Research Centre, Army Welfare Education Society, Shankar Vihar on 29th August, 2019.
- Discussant on Parenting at Annual Parent workshop at Rajkumari Amrit Kaur Child Study Centre, Lady Irwin College on September 26th, 2019.
- Resource person for conducting a workshop on storytelling for teachers of Usha Ganguly Nursery School run by Delhi University Women’s Association, on September 27th, 2019.
- Guest Faculty for Child Development for the Post Graduate Certificate Course in Theatre in Education of the National School of Drama, Agartala, Tripura supported by the State Government of Tripura in October 2019.
- Workshop on ‘Use of storytelling for children’ with pre-primary teachers (50) teachers of DAV Schools conducted at DAV CMC on November 26th, 2019.
- Resource person for IASE-MHRD sponsored National Seminar cum Workshop on Pedagogy of History: Perspectives, Practices and Possibilities for a session on “The Power of History: Use of storytelling with and for children” at CIE, University of Delhi on February 15th, 2020.
- Subject Matter Expert for Pre-primary teacher interview at St. Paul’s School, Hauz Khas for selection of Nursery School Teachers for Hauz Khas and Aya Nagar branch in March 2020.
- Invited Webinar on Children and Families in Marginalised Communities for M.A. Early Childhood Development students of Jamia Milia Islamia on April 10th, 2020.
- Subject Expert on Gurushala staffroom (an online portal for teachers by Pratham Books) on use of storytelling in classrooms on June 3rd, 2020
- Online workshop for interns of NCEARD, Lady Irwin College on ‘Story writing for Children’ in June, 2020.
- Advisorship and mentoring for Interdisciplinary internship on “Information Education Communication in the Field of Nutrition” in June 2020 for National Centre of Excellence and Advanced Research on Diets, Lady Irwin College, University of Delhi.

Dr. Ridhi Sethi

- Together Old and Young , Early Childhood Education, Course by International Child Development Initiatives, 09/04/2020
- Mainstreaming Early Childhood Education into Education Sector Planning Early Childhood Education, Course by IIEP-UNESCO/UNICEF/GPE 30/11/2019

Dr. Ritu Juneja

- Completed Diploma in Special Education- Vocational Training and Rehabilitation-(Intellectual Disability). RCI course

FABRIC AND APPAREL SCIENCE

Honors/ Award / Recognition/ Patents

Dr. Simmi Bhagat

- Best Poster - Product Innovation using camel hair for Apparel : A case study at 15th International conference on Apparel and Home textiles held at IHC on 7th September 2019

Ms. Madhuri Nigam

- Solely awarded - LCA tool, SimaPro & LCA database Ecoinvent and Social, Hotspot Database, SHDB
- Co-Investigator for an awarded - LCA tool, Umberto & LCA database Ecoinvent and Social, Hotspot Database, SHDB

Dr. Sheetal Chopra

- Awarded best poster award for the poster on 'Extraction of Fibres from the Aerial Roots of Banyan Tree, during the 15th international conference on Apparel and Home Textiles (ICAHT), organized by Okhla Garment and Textile Cluster (OGTC), at India Habitat Centre, New Delhi, on 7th September, 2019.

Dr. Manpreet Chahal

- Jury member, National Abilympic Association of India for Tailoring Skill Category in West Zone Regional Abilympics Skill Competition held in Delhi on July 4th & 5th, 2019.
- Award for best poster presentation on "Women's Fitness Wear: Consumer Buying Behaviour", in September, 2019 at the 15th International Conference on Apparel and Home Textiles (ICAHT-19) organized by Okhla Garment & Textile Cluster (OGTC), New Delhi.
- Subject Expert for development of Curriculum for Cutting, Tailoring and Dress Making as per NSQF guidelines, Department of Vocational Education, National Institute of Open Schooling, October, 2019.
- Resource Person at workshop for development of Curriculum for the Job Roles of AMHF from 25th to 28th November, 2019 at PSS Central Institute of Vocational Education, Bhopal.

Researches / Projects

Dr. Simmi Bhagat

- DST - SHRI Project - Scientific phenomenon behind the degradation and conservation of Warak printed textiles of Rajasthan and formulation of Conservation procedures for storage and cleaning from September 2019

Ms. Madhuri Nigam

- Study of Environmental and Social Impacts of a Silk Saree Using Life Cycle Assessment Tool (Sole investigator)
- LCA Study of Environmental and Social impacts of niche textile products (Co-investigator)

Published Book Chapters

- Arora, A. & Bhagat, S. (2020). 'Journey of Camel Hair: Speciality Hair Fiber from Futile to Richness. *Warp and Weft of Textiles and Clothing*. Coimbatore: HSAI Publication. ISBN: 978-9385604-10-2.
- Arora, A., Bhagat, S. & Suri, M. (2020). Napasar: An approach to sustainable livelihood. *Social Entrepreneurship and Sustainable Development*. London and New York: Routledge, Taylor and Francis Group, ISBN: 978-0-367-67433-5.

- Atiq, S. & Bhagat, S. (2020). Exploring the use of Agar gel for localised wet cleaning : Application in Textile Conservation’ . *Warp and Weft of Textiles and Clothing*. Coimbatore: HSAI Publication. ISBN: 978-9385604-10-2.
- Bhagat, S. & Arora, R. (2019). ‘Stitch Analysis of Temple Hanging from South India’. *Textiles: Binding Threads Between Cultures*. National museum Collection. ISBN 81-85832-45-5.

Published Papers

- Agarwal, A. & Chopra, S. (2020). “Sustainable Dyeing of Selected natural and Synthetic Fabrics using Waste Teak Leaves (*Tectona Grandis* L.,). *Research Journal of Textiles and Apparel*. DOI 10.1108/RJTA-05-2020-0046, ISSN: 1560-6074.
- Bhatia, A., Bhagat, S. & Mathur, R. (2019). Neeran Embroidery. *International journal of Family and Home Science*. Vol 15(3), Sept-dec 2019, ISSN 0973-2608, UGC Ref No 46530.
- Bhatia, A., Bhagat, S. & Mathur, R. (2020). Aurangabad Architecture, A design inspiration for Himroo textiles. *The Indian Journal of HOME SCIENCE*. Vol32, no2, July 2020, Care listed, ISSN 09702733.
- Bhatia, K., Suri, M. & Bhagat, S. (2020). Efficacy of Enzymes and other stain removal Techniques in Museum Textiles. *International Journal for research in Applied Science and Engineering Technology*. Vol 8, Issue III, March 2020, ISSN 2321-9653.
- Goyal, N., Sethi, S. & Urvashi. (2019). “Chitosan based print paste for textile printing: A novel eco-friendly approach”, *The Indian Journal of HOME SCIENCE*. Vol. 31, No.1 July 2019, Home Science Association of India, ISSN: 09702733
- Kalra, S. Chanana, B. & Bhagat, S. (2020). Composites: a new application of natural fibres, *Asian Textile Journal*. Vol 25, Issue 6, Jan 2020, ISSN 0971-3425 Scopus listed.
- Malik, G. and Sethi, S.(2019). “Pictorial Folklores Of Gond Paintings: Symbolism Of An Ancient Culture”. *International Journal of Family and Home Science*, Vol.15 (1) (Jan.-April, 2019) (131-136), ISSN : 0973-2608.
- Mathur, R. & Lalmuankimi, L. (2019). Traditional Textiles of the Lai Tribe of Mizoram. *MZU Journal of Literature and Cultural Studies*. Volume VI Issue (1), ISSN No. 2348-1188.
- Nigam, M. & Yadav, V. (2019), “Linen- The Classic Fibre for Futuristic Fashion” *International Journal of Applied Social Science*, Volume 6 (3), 659-667. ISSN : 2394
- Raheja, R. & Bhagat, S. (2020). A study of selected consolidants for the conservation of velvet artefacts. *The Indian Journal of HOME SCIENCE* .Vol32, no2, July 2020, Care listed, ISSN 09702733.
- Yadav, A., Goyal, N., Yadav, V. & Sethi S. (2019), “Recommerce of pre-owned clothing: An approach towards sustainability”. *Indian Journal of Home Science*, Volume 31(2), pg. 24-32. ISSN: 0970-2733

Other Publications

Ms. Madhuri Nigam

- Published 45 life cycle datasets (SCIENTIFICALLY TREVIEWED) for India and Bangladesh, published on Ecoinvent 3.6 database, as a result of SRI project, of Ecoinvent Database (30th September 2019) available on www.ecoquery.com for licenced users only as first author & co-author.

Papers presented in Seminar/conference/workshops/training

- Anand, A. 9th National Conference on “Teachers: Effecting Change For A Sustainable Future”, December 6-7, 2019, Lady Irwin College, New Delhi, India

- Anand, A. 5th International Textiles and Costume Congress (ITCC), “Indigenous Textile Crafts-Global Markets and Trends” at The Maharaja Sayajirao University of Baroda, Vadodara, Gujarat on October 3rd 2019.
- Bhagat, S. Conducted two sessions - “1. Documentation of Textiles; 2. Stabilisation of Textiles using stitches” at MS Baroda University, Dept of Museology on 2020 Feb 28, 29
- Bhagat, S. Expert Lecture Online “ Introduction to Textile Conservation” NIFT, 2020 Apr 15
- Bhagat, S. Importance of Conservation and Stitch Conservation conducted 2 days workshop on Curative and Preventive Conservation of Textiles, IIS Univ Jaipur, “2019 Sept 20-21.
- Bhagat, S. Importance of Textile and Fashion study in India” guest speaker at “Global Fashion and Design Week 2019 of School of Fashion and Design Asian School of Media Studies” on 2019 April 19
- Bhagat, S. Paper presented “Journey of Camel hair: speciality hair fibre from futile to richness” “33rd Biennial conference of Home Science Association of India Coimbatore Trends for futuristic development in Home Science: Research and Innovation” on 2020 Jan 23”
- Bhagat, S. Resource person for training program , “Stitching Techniques in Textile Conservation at Mehrangarh Museum Trust (MMT), Fort, Jodhpur in association with Tata Trusts Art Conservation Initiative from November 22, 2019.
- Kapoor, S. and Chahal, M. Poster presentation on “Women’s Fitness Wear: Consumer Buying Behaviour” in September, 2019 at the 15th International Conference on Apparel and Home Textiles (ICAHT-19) organized by Okhla Garment & Textile Cluster (OGTC), New Delhi.
- Lalmuankimi, L. ‘Oral Tradition: Gender and Identity Among The Mizo’, Tribal Literature Festival organized by Indira Gandhi Rashtriya Manav Sangrahalaya, Bhopal, 10 – 12 November, 2019
- Mathur, R. & Lalmuankimi, L. ‘Traditional Puans of the Mizo: The Lusei tribe’, National Seminar on Food and Culture of North East- Solutions to Sustainable Development, organized by Vivekananda College, Delhi University in collaboration with Center for North East, Nutrition Society of India-Delhi Chapter and Center for North East Studies and Policy Research, New Delhi, 22nd August, 2019
- Mathur, R. & Lalmuankimi, L. Weaving in Mizoram: An Art and a Livelihood, 5th International Textile and Costume Congress on ‘Indigenous Textile Crafts –Global Market and Trends’, Organised by Faculty of Family and Community Sciences, Maharaj Sayaj Rao University of Baroda, 3-5 October, 2019.
- Mathur, R. & Thoudam, J. Dresses and Ornaments of Meiteis during Pre-Merger Period in Manipur, 40th Annual National Conference of North East India History Association, Organised by Karmashree Hiteshwar Saikia College, Guwahati, 24-26th October, 2019.
- Mathur, R. & Thoudam, J. Influence of Digital Media on Clothing Habits Amongst the Kabui Tribe of Manipur, International Conference on Media, Culture and Society: Influence of Social Media on Education, Organised by Center for Entrepreneurship and Skill Development, Manipur University, Imphal and Dept of Anthropology, Kha Manipur College, 10-11th February, 2020.
- Mathur, R. and Thoudam, J. Past and Present- The Traditional Textiles and Costumes of Maring Naga Tribe of Manipur, India at 11th International Convention of Asia Scholars, Leiden University, Leiden, Netherlands, Organised by International Institutes for Asian Studies, GIS Asia (French Academic Network on Asian Studies), and Leiden University, Leiden, Netherlands, 15-19th July 2019.
- Mathur, R. Traditional Costume and Textiles: Weaving threads of Sustainability, National Seminar on Food and Culture of North East Solutions to Sustainable Development, Organised by Center for North East, Nutrition Society of India Delhi Chapter, Center for North East Studies & Policy Research, Jamia Millia Islamia at Vivekananda College, 22nd August 2019.

- Mathur, R., Bhagat, S. and Bhatia, A. Revival of Himroo Textiles, 5th International Textile and Costume Congress on 'Indigenous Textile Crafts –Global Market and Trends', Organised by Faculty of Family and Community Sciences, Maharaj Sayaj Rao University of Baroda, 3-5 October, 2019.
- Mathur, R., Kapoor, K. & Lalmuankimi, L. Pasaltha and Thangchhuah: Influence of Title and Status on Men's Costume amongst the Lusei Tribe of Mizoram, International Seminar on Costumes: Past, Present and Conserved, Organised by Textiles & Clothing Research Centre in collaboration with India International Centre, at India International Centre Annexe. 1st February, 2020.
- Nigam, M. Poster presentation- Life Cycle Inventory of Indian Textile Sector (Madhuri Nigam & Archana Datta), International Conference on Life Cycle Management, Poznan University of Technology, Poland, abstract published in conference proceedings (1-4 September 2019)
- Pawar, P. Oral Paper Presentation on the topic "Unfolding textile industry as an environmental hazard and benefits of textile waste management" in National Seminar by Government Home Science College, Chandigarh.
- Rastogi, D. National Conference of Learning, B Ed department, LIC

Students awarded PhDs

Dr. Simmi Bhagat

- Anu Sharma (2013). The Double cloth of Napasar (Rajasthan): An intervention study

Students pursuing PhDs

Dr. Simmi Bhagat

- Andleeb Fatima. (2016). Title: Islamic Costumes
- Shaista Atiq. (2019). Study of Ankh fibre extracted from Calotropis Gigantea: A revival Story
- Radhana Raheja. (2019). Conservation of Warak printed textiles
- Sonal Gaur. (2013). (Submitted) Study On The Revival of Mendh Printing Craft of Rajasthan
- Divya Singhal. (2013). (Submitted). Zari in Silk Brocades: Cleaning for Conservation
- Sakshi Kalra. (2015). (Submitted). A Study on Extraction and Application of Grewia optiva (Bhimal) Fibres in Textiles

Dr. Deepali Rastogi

- Ruchira Agarwal (2016). A study on dyeing of silk with reactive dyes
- Nupur Srivastava (2016). Study on extraction of Himalayan Nettle fibre and its application in textiles
- Shruti Gupta (2016). Khadi: A study on sustainability with changing consumer preferences
- Swati Pradhan (2018). Study on printing with Aloe Vera
- Priya Gautam (2019). A study on Wool Khadi: Problems and Prospects

Dr. Ritu Mathur

- Aditi Bhatia. (2016). Revival of Himroo Textiles.
- Joymati Thoudam. (2016). Traditional Textiles and Costume of Select Naga Tribes in Manipur
- Shruti Gupta. (2016). Khadi: A study on sustainability with changing consumer preferences
- Geetika Aggarwal. (2017). Travelling Patterns: Effect of Shibori on Tie Dye craft of Gujarat
- Priya Gautam. (2019). A Study on Wool Khadi: Problems and Prospects

Dr. Sabina Sethi

- Madhuri Nigam (2012). "Environmental Sustainability Assessment of Selected Textile Products Using Life Cycle Assessment"
- Garima Malik (2019) Expanding horizons of Gond paintings – From tribes to international market

- Princy Rana

Consultancy

Dr. Simmi Bhagat

- 6 months Training of 2 Candidates for participation in International Abilympics to be held in 2021.

Dr. Sheetal Chopra

- Member Organising committee, 15th International Conference on Apparel and Home Textiles, organised by OGTC, 7th September 2019.

Ms. Madhuri Nigam

- Advisor, WALDB “World Apparel and Footwear Life Cycle Database”, advisory board, A project of Quantis (Switzerland) on development of Life Cycle database for textile and footwear products.

Outreach Footprints (CE, Services, workshops conducted, lectures taken etc.)

Dr. Deepali Rastogi

- Resource person for 42 hours Research Methodology Module for Ph D students at NIFT

Dr. Ritu Mathur

- Appointed as External Expert, Phd Scholar Progress Committee, National Institute of Fashion Technology, New Delhi
- Appointed as Member, External Jury Panel for UG Bridge Programme, Semester I, 2019-2020, National Institute of Fashion Technology, New Delhi
- Appointed as Examiner of Doctoral Thesis at G D Goenka University, September 2019
- Appointed as Examiner External Jury for the End-Term evaluation of B. Design (Fashion) course at Sharda University
- Subject Expert on Research Committee for evaluation of proposals for doctoral thesis, Banasthali Vidyapeeth, Rajasthan

Ms. Vibha Yadav

- Research Thrust Areas, Special Lecture, organized for M.Sc. (FAS) students on 4th March, 2020

Ms. Ashima Anand

- An outreach event “Pehchaan Desi... An Initiative to Promote Indian Textiles among Youth” was organized (19th-20th February 2020) to engage youth by one to one interaction through various educational activities. Enthusiastic youth participation was seen where more than 200 young people overwhelmingly tried these learning-cum-educational activities and were sensitised towards Indian textiles.

Dr. Manpreet Chahal

- Embroidery Trainer for Regional Abilympics Skill Competition organized by Sarthak Education Trust, March 2020

Dr. Priyanka Pawar

- Workshop organized on “Personal Grooming, Etiquettes and Physical Attractiveness” on 6th March 2020
- Webinar organized on “Social Media Presence” on 16th July, 2020
- Webinar organized on “Styling with Suhasini Taneja” on 20th July, 2020

Dr Lisa Lalmuankimi Pachau.

- Invited as a speaker on National Webinar on ‘Diet for Buliding Immunity and Documentation of Lusei Traditional Textiles’ organized by Department of Home Science and research Committee, Govt.Zirtiri Residential Science College, Aizawl, Mizoram on 29th October 2020

DEVELOPMENT COMMUNICATION AND EXTENSION

Honors/ Award / Recognition/ Patents

Dr. Archana Kumar

- HERBERT I. SCHILLER AWARD Best paper award “Communication Processes, Community Mobilization and Normative Shifts: Learnings from Video Volunteers’ India Unheard Program” for joint paper of Pooja Ichplani, Archana Kumar, Rupa Upadhyay and Jessica Mayberry presented by IAMCR (International Association of Media & Communication Research Madrid Spain)
- Invited Resource Person for professional development workshop for Faculty Teaching SBCC courses from various departments in colleges & Universities o Participatory Processes & SBCC, Monitoring & Evaluation of SBCC programs, 27-29th Nov 2019.
- Invited Expert, Most Significant Change Technique for M&E of Development Programmes for Technical Session Evaluation Methodologies: Innovations and Experiments at EvalFest 2020: Evidence Building for Achieving SDGs – Digital Development and Inclusion on 13th February, 2020 at India Habitat Centre, New Delhi, India.
- Invited Expert, Using the MSC Technique Innovations Bazaar session EvalFest 2020: Evidence Building for Achieving SDGs – Digital Development and Inclusion on 14th February 2020.
- Invited Speaker, Guest Faculty, Paper Setter & Examiner for a 3 part Lecture Series on: Communication concept & Principles, Communication Models, Participatory Communications & Community Media at Indian Institute of Mass Communication for Training of Probationary Officers, Indian Information Service, from 21st January to 3rd February, 2020
- Invited/ Paper selected for presentation at Madrid 2019, Community Media and Micro foundations of Shift, by A. Kumar & S. Anand, Joint session of Participatory Communication & Research & Community Communications & Alternative media section of IAMCR International Conference, 10th July 2019.

Dr. Sarita Anand

- Young Scientist Award by Home Science Association of India during its Biennial Conference in January 2020 awarded to PhD student for a research paper Singhal, Anshul and Anand, Sarita (2020), Young women are leading the change: An Appraisal of Conditional Cash Transfer Scheme Promoting Survival and Education of Girls.
- Best Paper Award, Zingkhai, M and Anand, S, Women Food Vendors of Tribal Manipur: Small Scale Agricultural Marketing, National Workshop on Gender Issues and Atma Nirbhar in Agriculture Paper presented at National Workshop on Gender Issues and Atma Nirbhar in Agriculture 2020, October IDP-NAHEP Central Agricultural University, Imphal.
- Judge, Mid-Career Award Competition of the Home Science Association of India, during its Biennial Conference in January 2020.

Dr. Aparna Khanna

- Received best paper award, Sharma, A. & Khanna, A. (2020), for paper titled, “Mobile phone applications addressing mental health issues and concerns of college going girls: A study in Delhi-NCR” at JTACON-2020.

Patents/Copyrights:

- L-84913/2019, Anxiety- Know and Recognise, Floor Game, 26/08/2019
- L-84914/201, Depression- Know and Recognise, Floor Game, 26/08/2019
- L-84915/2019, O.C.D.- Know and Recognise, Floor Game, 26/08/2019
- L-84916/2019, Mental Illnesses- Know and Recognise, Floor Game, 26/08/2019
- L-84917/2019, Mental Health Problems in Children Floor Game, 26/08/2019
- L-84918/2019, Schizophrenia- Know and Recognise, Floor Game, 26/08/2019
- L-84919/2019, Bipolar Disorder- Know and Recognise, Floor Game, 26/08/2019
- L-84920/2019, Substance Abuse & Addiction, Floor Game, 26/08/2019
- L-87198/2019, Mental Illnesses- Know and Recognise, Information Booklet, 21/11/2019
- L-90147/2020, Mansik Rog – Jaane Aur Pehchaane Information Booklet, 05/03/2020

Dr. Rupa Upadhyay

- HERBERT I. SCHILLER AWARD Best paper award “Communication Processes, Community Mobilization and Normative Shifts: Learnings from Video Volunteers’ India Unheard Program” for joint paper of Pooja Ichplani, Archana Kumar, Rupa Upadhyay and Jessica Mayberry presented by IAMCR(International Association of Media & Communication Research Madrid Spain).
- Best paper presentation award at the International Seminar on Socio-Cultural Study of Agriculture organized by Mata Sundri College for Women, University of Delhi.

Dr. Shweta Anand

- Awarded the ‘Best Oral Presentation Award’ for my paper titled “Handholding the chords of change: Zeroing on the power of Participation and Participatory Communication in Empowerment, Case of Henvallvani Community Radio, Uttarakhand” in the 33rd Biennial Conference of Home Science Association of India (HSAI) on Trends for Futuristic Development in Home Science: Research & Innovation from 22nd to 24th January 2020.
- Invited as a Resource Person in the of Online Faculty Development Programme on “Using Effective Tools (Software) for Social Sciences Research” organized by Amity School of Liberal Arts, Amity University Haryana on 25th April 2020.
- Invited as a Member of Jury Panel at Anveshan - 2020 (AIU North Student Research Convention) organized by Amity University and Association of Indian Universities from 16th -17th January 2020.

Ms. Umang Chauhan

- Best paper presentation award at the International Seminar on Socio-Cultural Study of Agriculture organized by Mata Sundri College for Women, University of Delhi.

Researches / Projects

Dr. Archana Kumar

- Responsive Parenting project Development of Resource Kit for frontline workers on Responsive Parenting for 3-6 yr old children. Sponsoring agency- UNICEF (35 lakhs)

Dr. Sarita Anand

- ROSHNI, Centre of Women Collectives led Social Action, A Technical Support Unit to National Rural Livelihood Mission, Ministry of Rural Development supported by UNICEF.
- Research for State of the World Children Report, India Chapter., July 2019-September 2019 published by UNICEF, New York office.

Dr. Aparna Khanna

- Responsive Parenting project Development of Resource Kit for frontline workers on Responsive Parenting for 3-6 yr old children. Sponsoring agency- UNICEF (35 lakhs).
- Enhancing Voter's Awareness, Election Commission of India.

Ms. Umang Chauhan

- Developing National/Regional Advocacy Toolkit for developing and advancing Global Citizenship Education Pedagogy and Practice with NGO Gblal Citizenship Foundation.

Ms. Arushi Srivastava

- Associated with a CSR research project Nandini initiated by Vardhaman Textiles Limited on Menstrual Hygiene Management for Government school girls in Ludhiana, March- December 2019
- Associated with project Titli on providing MHM training in Child Shelter Homes of Delhi a project led by Delhi Commission for Protection of Child Rights. October- December 2019

Published Book Chapters

- Anand, S and Singhal, A. (2020). Promoting Gender Equality: Policy and Action for Ensuring Survival and Education for the Girl child, Ed book titled "*Women and Diversity*" Serial Publishing House, Delhi, ISBN 978-93-88892-79-7
- Anand, Shweta. & Kumar, A. (2020). Handholding the chords of change: Zeroing on the power of Participation and Participatory Communication in Empowerment, Case of Henvallvani Community Radio, Uttarakhand. In N. Vasugi, S. Rajalakshmi, T.Radha, M. Kasthuri & R. Arunachalam (Eds.), *Women Led Empowerment* (1st., pp. 142-149). Coimbatore: Shanga Verlag. ISBN 978-93-85604-14-0.
- Chauhan, U. & Upadhyay, R. (2020). Problems of marginal & small women farmers: A study in Tehri district, Uttarakhand. *Socio-Cultural Study of Agriculture*. ISBN: 978-93-87253-62-9.
- Kumar, A., Seth, M., Ichpilani P. & Anand, Shweta. (2020). Relevance of Stories: Stories of Relevance "Stories of change for assessing programme impact: Most Significant Change (MSC) technique as a tool for monitoring and evaluation of development programmes". In *Emerging Evaluation Experiences – Way Forward for Achieving Sustainable Development Goals* by A. Brahmachari (Ed.), New Delhi: Daya Publishing House, Astral International.
- Singhal, A. and Anand, S. (2020). Let Every Child Be Wanted: Positive Deviance and Prevention of Unwanted Pregnancy in India in *Positively Deviant Series Book 2*, 2020, 978-93-88892-79-

Published Papers

- Anand, Shweta. & Kumar, A. (2019). Exploring feminist public sphere through Henvallvani Community Radio: an empowerment through communication approach, *Media Asia*, 46 (3-4), 91-101, DOI: 10.1080/01296612.2020.1767454.
- Jain, B. & Khanna, A. (2020). Stress at Workplace: A Study of Youth working in the Corporate Sector. *Studies in Indian Place Names* (UGC Care Journal), ISSN 2394-3114, 40(10), 1432-1436 (UGC Approved)
- Khanna, A. (2020). Belief in the Ballot. Election Commission of India. ISBN 978-81-230-3240-5 ECI-ENG-OP-119-2019-20, 189-193
- Khanna, A., Sain, S., Mittal, S., & Khanna, V. (2019). Concerns and Coping Strategies of Drug Addict Juveniles in Conflict with the Law. *Health for the Millions*, 45(3) & 45(4), 32-38.
- Kwatra, S., Sharma, P. & Kumar, A. (2020) A critical review of studies related to construction and computation of Sustainable Development Indices, *Ecological Indicators*, Elsevier BV, Open Access ISSN: 1470160X, 112(112) DOI10.1016/j.ecolind.2019.106061

- Rastogi, S., Khanna, A. & Mathur, P. (2019). Educational interventions to improve menstrual health: approaches and challenges. *International Journal of Adolescent Medicine and Health*. 20190024 ISSN (Online) 2191-0278, DOI: <https://doi.org/10.1515/ijamh-2019-0024>.
- Rastogi, S., Khanna, A., & Mathur, P. (2019). Uncovering the challenges to menstrual health: Knowledge, attitudes and practices of adolescent girls in government schools of Delhi. *Health Education Journal*, 78(7), 839-850. <https://doi.org/10.1177/0017896919850209> (UGC Approved)
- Sain, S., & Khanna, A. (2019). Substance Abuse: Current Scenario. *Health for the Millions*, 45(3) & 45(4), 6-11.
- Sain, S., & Khanna, A. (2020). Training Needs Assessment: Importance and Relevance. *Studies in Indian Place Names*, 40(10), 1047-1053. (UGC Approved)
- Sharma, A., & Khanna, A. (2020). Mobile Phone Applications addressing the Mental Health Issues and Concerns of College-going Girls. *Studies in Indian Place Names*, 40(10), 798-803. (UGC Approved)
- Sharma, N., & Anand, S. (2019). Exploring the Process of Communitisation: Grounding realities of Community Participation in Uttarakhand and Rajasthan. *The Indian Journal of Home Science*, 31 (2), 33-49
- Sharma, R., Shukla, A., Sriram, D., Ramakrishnan, V., Kalaan, M. & Kumar, A. (2020) Understanding the sociality of child marriage, *Development in Practice* Publisher Taylor & Francis , Volume 30, 2020 - Issue 5, Pages 645-659, doi.org/10.1080/09614524.2020.1718610, ISSN: 0961-4524
- Singhal, A. and Anand, S. (2020). Son's Preference and Daughters' Undesirability: Perceptions of School Going Girls. *The Indian Journal of Home Science*, 2(1), 23-31.
- Wadhwa, A. & Anand, S. (2020). Gender Responsive Budgeting in Education: Micro-Implementation Analysis of Kasturba Gandhi Schools for Adolescent Girls. *The Indian Journal of Home Science*, 32 (2).

Other Publications

- Chauhan, U. (2019). National/Regional Advocacy Toolkit for developing and advancing Global Citizenship Education Pedagogy and Practice

Papers presented in Seminar/conference/workshops/training

- Anand, S. (2020) 'Gender and Patriarchy' Delivered lecture as a Resource Person for Women Development Centre of Rajasthan University, Jan 2020,
- Anand, S. (2020) Delivered a lecture for a National Webinar titled 'Gender Asymmetries and Nutrition' organized by Council of Home Science. Extension and Communication
- Chauhan, U. & Upadhyay, R. (2019). Presented poster titled, "Association between Forest and Socio Economic Life of people: A study in Tehri district of Uttarakhand" at National Seminar on Recent trends in Medicinal Botany, Ramjas College, University of Delhi, October 4-5th, 2019.
- Chauhan, U. & Upadhyay, R. (2020). Presented a research paper entitled "Problems of Marginal and Small Women Farmers: A study in Tehri district, Uttarakhand" at International Seminar on Socio-Cultural Study of Agriculture organized by Mata Sundri College for Women, University of Delhi.
- Gupta, V. and Anand, S. (2020) Hand washing hot buttons: A barrier & influencer study among rural primary school children in Ballabgarh, India. International Association for Media and Communication Research, IAMCR, Tampere University.
- Khanna, A. (2019). Campaign for Mental Health- Creating Partnerships and Dialogues around Mental Health as a Resource Person at a Conference on Re-thinking Mental Health, Panel discussion in session on Taking 'Mental Health' to the General Public, Addressing Stigma and Community Participation in mental healthcare organised by FICCI, New Delhi

- Khanna, A. (2019). Menstrual Health Communication: Converging Human Centred Design Approach & Participatory Processes for Dialoguing Change as Resource Person at the National Conference on Gender and Media Stirring Conversations on Menstruation: Communication, Community & Change organised by Department of Multi Media and Mass Communication, Indraprastha College for Women (University of Delhi)
- Khanna, A. (2019). Mental Health Advocacy and Youth as Resource Person at a titled National Seminar Awareness of Non Communicable Diseases Among Youth: Theory To Practical organised by University Government College for Girls, Palwal, Kurukshetra
- Khanna, A. (2020). Games for Engaging Conversations on COVID19 as Resource Person at 3rd Webinar series organized by Institute of Media Studies, Utkal University, Bhubaneswar, Odisha
- Khanna, A., Seth ,M., Sharma, A., Sain, S., Rastogi, S., Kwatra, S., Sapna & Kardam, H. (2020) presentation of Use of Floor Games as Innovative Evaluation Tools at Innovation Baazar held at Floor Games used as Evaluation Tools presented at Eval Fest 2020 organised by Evaluation Council of India (Delhi)
- Khanna, A., Sharma, A. & Kardam, H. (2019) Use of Traditional Floor Games for Creating Awareness on Mental Health Issues: A Study in Delhi at the National Conference on Learning – NCL 2019 Session: Education for Mental Health organized by Department of Education, Lady Irwin College, University of Delhi
- Khanna, A., Sharma, A. & Sharma, S. (2019) Partnerships and Dialogues around Mental Health at Mental Health Awareness Week (MHAW) Session II: Experiences of Agencies working in Neuropsychiatric Settings & Health promotion programmes for Youth- Mental Health Rights of Young People with Special Reference to Drug Abuse & Suicide Prevention’ on World Mental Health Day, organized by IBHAS, Delhi
- Rastogi, S., Mathur, P. & Khanna, A. (2020). Development and Effectiveness of a behaviour change Communication strategy to improve Dietary behaviour of adolescent girls in school. At UGC sponsored National Conference on Food Safety, Nutritional Security and Sustainability organized by Shyama Prasad Mukherji College for Women, University of Delhi, from March 6th -7th, 2020.
- Ritu. & Batra, S. (2020). Presented poster “Challenges faced by youth in usage of mobile-based health apps: A study in Delhi” at ICONIA 2020, A Global Summit on Next-Gen Paradigms in Health Care, Punjab University, Chandigarh, 12-14th February, 2020.
- Shweta Anand Presented paper titled “Handholding the chords of change: Zeroing on the power of Participation and Participatory Communication in Empowerment, Case of Henvallvani Community Radio, Uttarakhand” in the 33rd Biennial Conference of Home Science Association of India (HSAI) on Trends for Futuristic Development in Home Science: Research & Innovation from 22nd to 24th January 2020.
- Wadhwa, A. & Anand, S. (2020). Investment in Adolescent Girls’ Education in India: Gender Analysis of a Residential School Intervention. International Social and Behavior Change Communication Summit, Palais des Congrès Boulevard, Marrakech, Morocco. April 2020.

Students awarded PhDs

Dr. Archna Kumar

- Shweta Vij Anand. (2013). Community Radio & Women’s participation in health communications.

Dr. Sarita Anand

- Anshul Singhal. (2013). Ensuring survival of the girl child in Delhi: An Appraisal of Conditional Cash Transfer Scheme ‘Ladli’ of Delhi

Students pursuing PhDs

Dr. Archana Kumar

- Vidhu Kapur.(2016). Climate Change Communications & Community Resilience.
- Sabhya Juneja. (2017). Mobile Based ICTs & Community Health Systems: The Case of M – Sehat, UP India.
- Nidhi Arora. (2019). Digital Financial Inclusion and Economic Empowerment of SHG women.
- Richa Dhir. (2019). Safety Apps and Urban women’s perceptions of safe spaces; The case of Himatt App

Dr. Sarita Anand

- Pooja Akshay. (2015). ICTs for health: Community radio as an enabler for promoting mother and child health (MCH)
- Tinny Dawar. (2016). Gender concerns in content and delivery of curriculum: A study in Municipal Corporation Schools of Delhi
- Masot Zingkhai. (2016). Role of women food vendors in augmenting income and food availability to their families: A study in tribal region of Manipur
- Vibha Gupta. (2017). Hand hygiene knowledge, attitude and practice among rural primary school children – an intervention study
- Arshiya Wadhwa. (2017). Gender Responsive Budgeting and Adolescent Girls’ Education: A Micro-Implementation Analysis of Kasturba Gandhi Balika Vidyalayas
- Surbhi Bhalla. (2018). Understanding Interpretative Dynamics of Gender Role Coping Behaviour among Adolescents

Dr. Aparna Khanna

- Shreya Rastogi (2014). Development of a Behaviour Change Communication Strategy to Promote Nutritional and Menstrual Health Care Practices among Underprivileged Adolescent Girls (14-19 years).
- Sonia Sain. (2016). Development of a Training Module on Substance Abuse Awareness and Prevention for Field Functionaries working in Grassroots Communities.
- Aprajita Sharma. (2019). Development and Assessment of a Mobile Phone Application on Mental Health.

Dr. Rupa Upadhyay

- Nity Nishant Morya. (2014). Use of pesticides in vegetable farming in district Ghaziabad: Effectiveness of an Intervention Programme
- Deepa Tomar. (2017). Effect of heavy metals on vegetable farming along the Yamuna Floodplain: A comparative study of Vikasnagar (Uttarakhand) and Sonapat (Haryana).

Consultancy

Dr. Archana Kumar

- Course writer of module Unit- 7 Social and behaviour change communication, Quadrant 2 & 3, Block 2 Media & Development, Masters in Journalism and Mass Communication, IGNOU, School of Journalism and New Media Studies, 2019-20 <http://egyankosh.ac.in/handle/123456789/57206>
- Block Editor, Quadrant 2 & 3, Block 3 Media and Contemporary Issues I, Masters in Journalism and Mass Communication, IGNOU, School of Journalism and New Media Studies, 2019-20, <http://egyankosh.ac.in/handle/123456789/59666>

- Block Editor, Quadrant 2 & 3, Block 4: Media and Contemporary Issues II, Masters in Journalism and Mass Communication, IGNOU, School of Journalism and New Media Studies, 2019-20, <http://egyankosh.ac.in//handle/123456789/59667>
- Qualitative assessment of Impact of Kerala Flood relief services/ initiatives in recovery-Accountability to affected population (AAP)- UNICEF 1.75 Lakhs
- Invited expert for review of PG Diploma in Development Communication (PGDDC) curriculum- School of Journalism & New Media SOJNM IGNOU Rs. 2500
- Invited Expert for Evaluation of Online course on M&E of SBCC programs- UNICEF & New Concept <http://newconceptcdc.org/etraining/ME/mod/page/view.php?id=316>
- Invited Expert for Evaluation Reference Group for the UNICEF Evaluation of The BRIDGE Inter-Personal Communication (IPC) Training Programme (IPC Skills Training in Routine Immunization For Frontline Workers)- UNICEF
- Invited Expert for Evaluation Reference Group ERG meeting for UNICEF Formative evaluation of communication processes used for the National Measles Rubella vaccination campaign- UNICEF

Dr. Sarita Anand

- Planning of Curriculum for a course on Gender Sensitization for SWAYAM portal of NCERT organized by Department of Gender Studies. September to December 2019
- Review and up-dation of Class XI Textbook of Home Science, May 2020
- Planning of Curriculum for Gender Green teachers for NIOS July 2019

Outreach Footprints (CE, Services, workshops conducted, lectures taken etc.)

Dr. Sarita Anand

- Educational Visit for M.Sc students to National Artisan's fair for promoting rural livelihoods, organized by NRLM in November, 2019
- Organised training of trainers programme for M.Sc students with grassroots organizations in November, 2019
- Organized Wall writing and Canvas painting workshop for UG and PG students in October, 2019 on 'Engaging Men for Gender Equality in Collaboration with Delhi Street Art Group and Roshni Centre
- Organised 'Genderlogue on 'Sexual Harassment at Workplace' with Women Power Connect an organization supported by a German Gender advocacy group 4th Nov 2019
- Organised 'Genderlogue on 'Engaging Men and Boys for Gender Equality' with Women Power Connect, an organization supported by a German Gender advocacy group, 24th Feb 2020
- Organized Lecture by Dr. Arvind Singhal, Samuel Shirley and Edna Holt Marston Endowed Professor of Communication, The University of Texas, El Paso, USA, titled 'From Analog Dickens to Digital Sneha: An Unfolding story of Narrative Engagement' 20th Jan 2020

Dr. Aparna Khanna

Conducted Workshops and Trainings for:

- Aseem's Library Charitable Education Trust
- Room To Read Trust
- RAHAT Charitable and Medical Research Trust
- Mind Specialists
- Sambandh Health Foundation
- Ashray Adhkar Abhiyan

- Action India
- Society for Promotion of Youth and Masses
- Richmond Fellowship Society (Delhi Branch)

Dr. Sunaina Batra

- Invited Resource Person to provide training to interns at NCEARD on “Puppetry for Behaviour Change” in June, 2020.
- Content Contributor towards ‘Gender Green Teachers’ curriculum for Teachers with NIOS.

Dr. Shweta Anand

- Invited as a Resource Person in the of Online Faculty Development Programme on “Using Effective Tools (Software) for Social Sciences Research” organized by Amity School of Liberal Arts, Amity University Haryana on 25th April 2020.

RESOURCE MANAGEMENT AND DESIGN APPLICATION

Honors/ Award/ Recognition/ Patents

Dr. Sushma Goel

- Invited Expert for Test Development & and Paper Setting in Home Science, Examination – UGC-NET for lecturer-ship & JRF, 10-14 August, 2019.
- Invited to speak on Promoting North-East Handlooms, Handicrafts, Preservation of Distinctive Arts, Natural Foods, Farm Sector for the Panel Discussion III: Handicraft, North-East Expo 2019, organized by AIWEFA on 2-3 November 2019

Dr. Meenakshi Mital

- Invited Session moderator, on Workers wellbeing and related aspects of Operations, for First South Asian conference on Sustainability in Textile and Apparel Industry International (Within country), 3rd, March ' 2020, organized by Prem Jain Memorial, Trust, Michigan State University, USA, Ella Pad Foundation Bangladesh, SPA, IDH- the Sustainable Trade Initiative-2020, IIC, New Delhi.
- Special Invitee, 14th Sustainability Summit: Science, Systems, Sustainability, organized by CII, New Delhi, India (28th – 29th August, 2019).
- Special Invitee, Augmenting Nature by Green Affordable New-habitat (ANGAN), International Conference and Exhibition on Building Energy Efficiency, organized by Bureau of Energy Efficiency (BEE), Ministry of Power, Government of India and Indo- German Energy Forum (IGEF), GIZ, New Delhi, India (9th - 11th September, 2019).

Dr. T.G. Rupa

- Invited as Subject Expert for National Workshop on “Prospect of Enrolment & Evocation in Home Science and Agriculture Education” organized by the Department of Home Science, University of Rajasthan, Jaipur from 18-19 November, 2019.

Dr. Anju Kakkar

- Invited as delegate speaker in National Awareness Workshop on “Accessible Cities” by Deptt. of Architecture, Gautam Buddha University and Ministry of Social Justice and Empowerment

Dr. Mayanka Gupta

- Jury Member (2020), Nina Sibal Memorial Award incepted since 2003, presented to organization working for people with special needs by All India Womens' Education Fund Association

- Discussant, Webinar series on Sustainable Solutions for Persons with Disabilities, Action oriented Dialogues on the organizational Impact of COVID 19 pandemic on theme 'Mental Health' organized on 18th June 2020 by All India Women's Education Fund Association (AIWEFA),
- Discussant , Webinar series on Sustainable Solutions for Persons with Disabilities, Action oriented Dialogues on the organizational Impact of COVID 19 pandemic on theme 'Education and Research' organized on 11th June 2020 by All India Women's Education Fund Association
- Resource Person, Conceptualization and designing of COVID-19 Videos and E material for AIWEFA
- Resource Person, 'Painting' to train National Abilympic Vocational skills participants on 18th March, 2020 organized by the National Abilympic Association of India (NAAI) at LIC.
- Executive Committee Member (Elected), All India Women's Education Fund Association (AIWEFA), NGO in special Consultative status with UN ECOSOC and observer status with UNFCCC .

Dr. Meenal Jain

- Resource Person, Training/Orientation of teachers of Ichchavar Block (Sehore District, Madhya Pradesh) for promoting Sustainable Development at elementary level, organized by Department of Teacher Education, NCERT, 27th-31st January' 2020.
- Expert Committee Member, Workshop on developing roadmap/action plan for 'Enriching Teacher Education Institutions for Promoting Sustainable Development: A Pilot Project', Department of Teacher Education, National Council of Educational Research and Training (NCERT), New Delhi, held on 13th December' 2019.
- Resource Person, Session on Sustainable Development, Professional Development Course for SCERTs/SIEs and DIETs faculty, organized by Department of Teacher Education, NCERT, New Delhi, held on 21st September' 2019.

Projects

Dr. Sushma Goel

- PI (Principal Investigator), Design Innovation Center, Lady Irwin College (Spoke of DIC,DU), September 50 lakhs 2019-March 2022, NIDI, MHRD (Ministry of Human Resource Development).

Dr. Puja Gupta

- Convenor, Segregation of Organic Waste for Recycling and Treatment (S.O.R.T) Project. The project is running in collaboration with Indian Pollution Control Association, Noida
- Co-Convener, Installation of SPV at Lady Irwin College. Convener, Paper Recycling Project in collaboration with Jagruti.

Dr. Anju Kakkar

- Researches on "Maintenance Issues in High Rise Buildings" and Ergonomic Risk Factors for Mobility Impaired adults in ICT Skill centres".

Published Papers

- Bansal, S., Mital, M. and Gupta, P. (2020). Skill gap, education and employability. International Journal of Research and Analytical Reviews (IJRAR), 7(3), 449-455, E-ISSN 2348-1269, P- ISSN 2349-5138.
- Chitkara, S., Goel, S. (2019). Criteria for Selection of Packaged FMCG by Consumers in *International Journal of Applied Social Science*, ISSN 2394-1405, 6 (6), 1415-1418, IF: 1.543, Peer reviewed journal

- Dhingra, R. & Gupta, P. (2019). Training need of Construction Professionals regarding Green Buildings, *International Journal of Applied Home Science*, Volume 06 (6-8), pg 230-235, ISSN No.2394-1413.
- Gaur, M. & Goel, S. (2019). Effects of Occupational Heat Stress on Performance and Health of Construction Workers in *International Journal of Architecture, Engineering and Construction*, p-ISSN 1911-110X e- ISSN 1911-1118, H INDEX: 3.8, 7(4), 1-6, UGC CARE 2020 approved, Peer reviewed journal
- Gaur, M. and Goel, S. (2019). Reconnaissance Construction Safety Hazards for Zero Accidents: A review study of Literature in *Journal of Civil Engineering and Environmental Technology*, p-ISSN: 2349-8404; e-ISSN: 2349-879X, 6 (2), 54-57, IF (2015): 4.006, (2018): 4.857, Peer reviewed journal
- Gupta, V., Goel, S., & Rupa, T. G. (2019). Solid Waste Management: Mapping of solid waste in selected Delhi schools in *International Journal of Emerging Technologies and Innovative Research (JETIR)*, ISSN: 2320-5407 Article DOI: 10.21474/IJAR01/9837, 6(6), 241-247, IF: 5.87, UGC Approved Journal Number 63975 & Peer reviewed journal.
- Gupta, V., Goel, S., & Rupa, T. G. (2019). Status of existing solid waste management initiatives in Delhi Schools in *International Journal of Advance Research (IJAR)*, ISSN: 2320-5407, 7(10), 350-357, IF: 2018: 7.08 2020: 7.337, Peer reviewed journal
- Gupta, V., Goel, S., & Rupa, T. G. (2019). Status of existing solid waste management initiatives in Delhi Schools. *International Journal of Advance Research (IJAR)*, 7(10), 350-357
- Gupta, V., Goel, S., & Rupa, T. G., (2019). Environment Conservation: Ranking of selected eco-club schools in Delhi, *International Journal of Home Science*, ISSN: 2395-7476, 5(2), 196-199, IF: RJIF 5.3, NAAS Rating: 3.32, Peer reviewed journal
- Kayina, H. & Goel, S. (2019). Relationship between product attachment and product retention: Reference to chair and wedding attire in *International Journal of Applied Home Science*, ISSN 2394-1413, 6(4&5), 175-181, IF:1.4215, Peer reviewed journal
- Kayina, Hriyiphro, Goel S. & Das L.K. (2020). Determinants of emotional value: Reference to chair and wedding attire in *The International Journal of Designed Objects*, ISSN: 2325-1379 doi:10.18848, 14 (1), 1-23, H INDEX: 3, IF: 0.08, Peer reviewed journal
- Mital, M. (2019). Skill Development: The status and challenges in India. *International Journal of Applied Home Science*. 6 (6- 8). ISSN 2394- 1413. Impact factor: 5.486 (SJIF - 2018) (pp 280 – 284)
- Mital, M. (2020). Skill gap, education and employability. *International Journal of Research and Analytical Reviews*. 7(3). E- ISSN 2348- 1269, P- ISSN 2349. (Pp 449 – 455)
- Singh, A., Mital, M., & Jain, M. (2019). Government initiatives for Solar Water Pumps in selected States. *International Journal of Applied Social Science*, 6(6), 1498-1500, ISSN: 2394-1405
- Singh, C., Mital, M., Gupta, P., & Syal, M. (2019). Skill Development: The status and challenges in India. *International Journal of Applied Home Science*, ISSN:2394-1413.
- Wadhwa, S. (2019). Event greening practices, *Indian Journal of Applied Research*, 9 (9), 4-6.
- Yadav, M. (2019). Study on municipal solid waste management and challenges faced in Indian metropolitan cities. *International Journal of Home Science*, 2019. ISSN: 2395-7476 Volume 5(2), 200-205
- Yadav, M. (2020). “Status of Conventional Energy Sources and Solar Energy in India”: A Review. *Journal of Emerging Technologies and Innovative Research*, 2020. ISSN: 2349-5162, Volume 7, Issue 4, 203-211

Papers presented in Seminar/conference/workshops/training

- Dhingra, R. & Gupta, P. (2019). Oral Presentation entitled “Need of Training on Green Buildings:

- Change in The Knowledge and Skills of Construction Professionals” in 2nd International Conference on Sustainable Technologies for Environmental Management (STEM-2019)
- Jain, M., Mital, M., & Syal, M. (2019). Perspective of Government Officials on Solar Energy in the Commercial Sector: Experiences from India, presented at International Conference on Sustainable Development 2019, University of Harvard, Boston, USA (10th – 11th December’ 2019)
- Kakkar, A .Paper presented in National Awareness Workshop on “Accessible Cities “by Ministry of Social Justice and Empowerment and Gautam Buddha University
- Mital, M. (2019). Presented paper, Perspective of Government Officials on Solar Energy in the commercial Sector: Experiences from India at 13th International Conference on Sustainable Development (online presentation), December 10, 11, 2019, organized by Ontario International Development Agency, Canada, Laurentian University, Canada, Montclair State University, USA.

Students awarded PhDs

Dr. Sushma Goel

- Hriyiphro Kayina. (2013). Relationship between Emotional Value and Retention of Products: A Study with Reference to Chair and Wedding Attire.
- Vaishali Gupta. (2013). Knowledge, attitude and practices among eco-club students in Delhi schools towards solid waste management.

Dr. Puja Gupta

- Rachna Dhingra. (2013). Capacity Building of Construction Professionals on Green Buildings.

Dr. T.G. Rupa

- Vaishali Gupta. (2013). Knowledge, attitude and practices among eco-club students in Delhi schools towards solid waste management.

Students pursuing PhDs

Dr. Sushma Goel

- Shivani Batra. (2013). Assessment of carbon footprint & water footprint of garment manufacturing units under OGTC.
- Ishita Sachdeva. (2013). An Exploratory Study of Customer Engagement on Purchase in Branded Retail: Physical stores and Online Portals.
- Surbhi Chitkara. (2013). Role of Stakeholders in Eco-Efficient Practices towards Packaging Materials used for FMCGs.
- Harveen Kaur. (2014). Practices for e-waste management in Delhi and NCR.
- Maneesha Gaur. (2017). Capacity building of health and safety of construction workers.

Dr. Meenakshi Mittal

- Shishi Khawlneikim. (2013). Mahatma Gandhi National Rural Employment Guarantee Scheme and Livelihood Security: A Study in Manipur.
- Sonia Bansal. (2015). Assessment of Skill Development Initiatives of Industrial Training Institutes (ITIs): Stakeholders’ Perspective.
- Shefali Chopra. (2018). Capacity building towards IAQ: A study in schools of Delhi.
- Chetna Singh. (2018). Assessment of Solar Skill Development Programs: A multi-stakeholder perspective.
- Neha Makol. (2018). Assessment of Solar Government Initiatives in residential areas in India.

Dr. Puja Gupta

- Sonia Bansal. (2015). Assessment of Skill Development Initiatives of Industrial Training Institutes (ITIs): Stakeholders' Perspective.
- Shefali Chopra. (2018). Capacity building towards IAQ: A study in schools of Delhi.
- Chetna Singh. (2018). Assessment of Solar Skill Development Programs: A multi-stakeholder perspective.
- Neha Makol. (2018). Assessment of Solar Government Initiatives in residential areas in India.

Dr. T.G. Rupa

- Rashmi Dhasmana. (2018). Integrated Plastic Waste Management: Issues and challenges.

Consultancy

Dr. T.G. Rupa

- Rupa, T. G. (2020). Faculty trainer, Training participants in painting for International Abilympics under the aegis of National Skill Development Corporation, Ministry of Skill Development & Entrepreneurship, GOI from 16-19th March, 2020

Dr. Anju Kakkar

- Training conducted for contestants of International Abilympics

Outreach Footprints (CE, Services, workshops conducted, lectures taken etc.)

Dr. Meenakshi Mittal

- Coordinator, Aerobin project for waste management (2019 onwards)
- Convenor, paper recycling project (2016 onwards)
- Coordinated and facilitated installation of SPV rooftop plant (218 kWp) on college rooftop
- Coordinated webinar cum workshop on 'Linkedin for career development', Resource person: Dr. Charvi Mehta, Technical Expert, GIZ, Online – Google meet, 12th June'20
- Coordinated Webinar on 'Launching and managing a successful startup', Speaker: Mr. Rohit Sharma, Business Head, PANKH, Co-founder, PANKH, Gyankosh Education & Millionaire Entrepreneur Revolution, Online – Google meet, 26th May'20
- Coordinated webinar on 'Clean Energy Financing – A viable solution for post COVID-19 Scenario', Resource person: Mr. Sanjay Dube, Preseident & Chief Executive Officer, International Institute for Energy Conservation (IIEC), Online – Google meet, 22nd May'20
- Coordinated webinar cum workshop on 'resume writing', Resource person: Dr. Charvi Mehta, Technical Expert, GIZ, Online – Google meet, 15th May'20
- Coordinated Webinar on 'Waste management practices: Concerns and issues in present context' (Speaker: Mr. Ashish Jain, Director, Indian Pollution Control Association, Online – Google meet, 15th May'20
- Coordinated Webinar on 'Plastic: A global pollutant' (Speaker: Mr. Satish Sinha, Director, Toxic Link, Online – Google meet, 14th May'20
- Coordinated webinar on '2020: The Age of Realisation?', Resource person: Ms. Ranjita Menon, Programme Director, Environment Education, Centre for Science and Environment, Online – Google meet, 12th May'20.
- Member, Organising committee, First South Asian Conference 2020 on Sustainability in Textile and

- Apparel industry, organized by PJMT, Lady Irwin College, Michigan State University, SPA, India International Centre, New Delhi, 3rd March'20
- Co-convenor, 13th Annual symposium on sustainable development, organized by Department of RMDA, Lady Irwin College and SPDC, Michigan State University, 25th Feb'20
- Convener, 13th Annual Task force meet, Department of RMDA, Lady Irwin College, 26th Feb'20
- Organized slogan writing, poetry writing and photography competitions on the occasion of World Environment Day. Received about 130 entries from colleges and universities across the country
- Coordinator-Study visits in and outside Delhi- Solar water pump farms Jaipur, and Industries Jaipur Block, 1st-3rd Nov 2019.
- Co-Convenor, students research poster presentations for masters and Ph.D. students in annual symposium of the department of RMDA, Best posters given awards by jury (2019-20).

Dr. Puja Gupta

- Convened webinar cum workshop on 'Linkedin for career development', Resource person: Dr. Charvi Mehta, Technical Expert, GIZ. 12th JUNE, 2020.
- Convened webinar on 'Launching and managing a successful start-up, Resource person: Mr. Rohit Sharma, Business head & co- founder at PANKH.26th May'20
- Convened webinar on 'Clean Energy Financing – A viable solution for post COVID-19 Scenario', Resource person: Mr. Sanjay Dube, President & Chief Executive Officer, International Institute for Energy Conservation (IIEC),22nd May'20.
- Convened webinar cum workshop on 'resume writing', Resource person: Dr. Charvi Mehta, Technical Expert, GIZ.15th May'20.
- Convened webinar on 'Waste management practices: Concerns and issues in present context', Resource person: Mr. Ashish Jain, Director, Indian Pollution Control Association.15th May'20.
- Convened webinar on 'Plastic: A Global Pollutant', Resource person: Mr. Satish Sinha, Associate Director, Toxics Link.14th May'20.
- Convened webinar on '2020: The Age of Realisation?', Resource person: Ms. Ranjita Menon, Programme Director, Environment Education, Centre for Science and Environment.12th May'20.
- Convenor, 13th Annual symposium on Harnessing Green Energy for the future.25th Feb'20 -Co-convenor, 13th Annual task force meet.26th Feb'20.
- Co-convenor, First South Asian Conference 2020 on Sustainability in Textile and Apparel Industry. 3rd Mar'20.

Dr. T. G. Rupa

- Rupa, T. G. (2019). Member Secretary, Internal Complaints Committee, Lady Irwin College, Coordinated events related to awareness generation against sexual harassment at the workplace thus fulfilling its mandate which included poster making competition in August 2019 on the theme "Sexual Harassment of Women at Workplace: Enabling Awareness" and ICC event of canvas painting during the college festival 'Quintessence 2020' titled "Stand up Against Sexual Harassment: #BologeToKaroge" in February 2020.
- Rupa, T. G. (2019). Faculty Coordinator, DIC Spoke Centre, Department of Resource Management & Design Application, Lady Irwin College, University of Delhi, September 2019.
- Rupa, T. G. (2019). Member, Organizing Committee for Innovation Day celebration on "Plastic – Reuse, Remedy & Substitute" organized by the Department of Resource Management & Design Application, Lady Irwin College, University of Delhi on 1st February, 2020.
- Rupa, T. G. (2019). Member, Organizing Team, Webinar on "Sustainability in Interior Design", May 15, 2020

- Rupa, T. G. (2019). Member, Organizing Team, Webinar on “Digital Transformation in India that helped get through COVID-19 Lockdown”, May 19, 2020
- Rupa, T. G. (2019). Member, Organizing Team, Webinar on “Individual Solution to Plastic Pollution”, May 29, 2020
- Rupa, T. G. (2019). Member, Organizing Team, Webinar on “Designers and Automation: Evolving relationship in present times”, June 15, 2020

Conferences attended:

- Rupa, T. G. (2019). “Industry interface for sustainable design” organized by the Department of Resource Management & Design Application, Lady Irwin College on May 11, 2020.

Dr. Anju Kakkar

- Online Workshop conducted on Designers and Automation and Webinar on Industry Interface for Sustainable Design

Dr. Mayanka Gupta

- Convenor, Certificate course on ‘Euphonic Yoga’- An amalgamation of Yoga, Dance and Music certified by Dance Council, UNESCO curated by TED Speaker and top 10 wellness expert (2019) Ms. Shruti Chatur Lal was initiated in the year 2019-20.
- Participant, ‘Role of Museum today in Conserving and Showcasing Rural, Folk-Art and Culture’, International Web-Seminar organised by Dept. of Archeology and Museums, Jaipur, Rajasthan on 28-29th June 2020
- Webinar Coordinates, Webinar series on Sustainable Solutions for Persons with Disabilities, Action Oriented Dialogues on the Organizational Impact of COVID- 19 pandemic on theme ‘Visual Impairment’ organized on 16th June 2020 by AIWEFA.
- Participant, Webinar on ‘E-Resources in Teaching and Learning’ organized by St. Ignatius College of Education, Tamil Nadu on 25th May 2020.
- Member, Organizing Committee, Webinar series on Sustainable Solutions for Persons with Disabilities, Action oriented Dialogues on the organizational Impact of COVID 19 pandemic on theme ‘Educational and Rehabilitation Outreach’ organized on 13th June 2020 by AIWEFA
- Executive Committee Member, Two day North East Expo on 2-3rd November, 2019, supported by Ministry of MSME, Govt. of India, organized by AIWEFA.
- Convener, Cultural Committee for 88th Founders’ Day 2020 organised by LIC on 3rd March 2020
- Member, Organizing Committee, ‘Annual Task force Meet, organized by RMDA, LIC, 26th February, 2020
- Member, Organizing Committee, 13th annual symposium on Sustainable Development, with focus on ‘Harnessing Green energy for the Future’, held on 25th February 2020 organized by Dept. of RMDA and School of Planning Design and Construction, Michigan State University, USA and supported by Indian Oil Corporation Limited.
- Staff Advisor, annual student cultural festival ‘Quintessence 2020’ organized on February 19- 20, 2020 on a theme ‘A Montage to Neo-Decade’. Performance by artist DJ Carnivore on 19th February and singer ‘Mohit Chauhan’ on 20th February 2020.
- Member, Organizing Committee, Annual Alumnae Meet 2020 organized by Lady Irwin College Alumnae Association (LICAA) at Lady Irwin College on February 9th, 2020.
- Member, Organizing Committee, 4th National Innovation Day celebration on ‘Plastic-o-thon: Reuse, Remedy & Substitute” held on 1st February 2020, organized by Dept. of Resource Management & Design Application (RMDA) supported by LICAA, AIPMA and Pearl Academy. Instrumental in getting sponsorship from LICAA for the event.

- Staff Advisor, annual DJ Evening performance by artist DJ Ali Merchant, organized by student Association on 4th October 2019.
- Member, Executive Committee, AIWEFA-Nina Sibal Memorial Award, 2nd August 2019 at IHC, New Delhi organised by AIWEFA
- Staff advisor for organization of following events and campaigns at Lady Irwin college 2019-20: Orientation Day 2 program (19th July, 19), career counselling (25th Sept, 19), Campaign on Walk for water (22nd July, 19), Freshers' Talent Contest (Aug-Sept'10), tree plantation drive (22nd July, 19), Independence Day celebration (13th august), Teachers Day celebration (5th Sept, 19), vigilance awareness week (30th October, 19), Gandhi Jayanti Celebration (1st October)

Dr. Meenal Jain

- Coordinated and moderated webinar cum workshop on 'Linkedin for career development', Resource person: Dr. Charvi Mehta, Technical Expert, GIZ, 12th June' 2020 (6:00 – 7:00 pm, Google meet).
- Coordinated and moderated webinar on 'Clean Energy Financing – A viable solution for post COVID-19 Scenario', Resource person: Mr. Sanjay Dube, Preseident & Chief Executive Officer, International Institute for Energy Conservation (IIEC), 22nd May' 2020 (11:00 am – 12:00 pm, Google meet).
- Coordinated and moderated webinar cum workshop on 'resume writing', Resource person: Dr. Charvi Mehta, Technical Expert, GIZ, 15th May' 2020 (5:00 – 6:00 pm, Google meet).
- Coordinated and moderated webinar on '2020: The Age of Realisation?', Resource person: Ms. Ranjita Menon, Programme Director, Environment Education, Centre for Science and Environment, 12th May' 2020 (2:30-3:30 pm, Google meet).
- Master of Ceremonies, First South Asian Conference 2020 on Sustainability in Textile and Apparel Industry, organized by Prem Jain Memorial Trust and Michigan State University, USA along with other core partners School of Planning & Architecture New Delhi, Lady Irwin College (University of Delhi), IDH-the Sustainable Trade Initiative and Ella Pad Foundation, Dhaka, Bangladesh at C.D. Deshmukh Auditorium, India International Centre, New Delhi, 3rd March'2020.
- Coordinator, Aerobin project for waste management (2018 onwards)
- Coordinator, paper recycling project (2016 onwards)
- Coordinated and facilitated installation of SPV rooftop plant (218 kWp) on college rooftop
- Organized slogan writing, poetry writing and photography competitions for UG and PG students on the occasion of World Environment Day, 5th June' 2020. Received about 130 entries from colleges and universities across the country.
- Have been actively organizing and managing events in the capacity of Organizer, Convenor, Chair, Co-chair, Coordinator, Compere, Rapporteur, Trainer etc. at various levels. Some of the events being managed are as follows:
- 13th Annual Task Force Meet, Department of Resource Management and Design Application, Lady Irwin College, University of Delhi in collaboration with School of Planning, Design and Construction, Michigan State University (26th Feb' 2020)
- 13th Annual Symposium on "Harnessing Green Energy for the Future", Department of Resource Management and Design Application, Lady Irwin College, University of Delhi in collaboration with School of Planning, Design and Construction, Michigan State University (25th Feb' 2020). Played important role in the invitation committee, compere, facilitated poster designing and presentation.
- Annual poster designing and presentation competition, organized by the Department of Resource Management and Design Application, Lady Irwin College, University of Delhi in collaboration with School of Planning, Design and Construction, Michigan State University.
- Founder's Day celebrations, Lady Irwin College, University of Delhi

Dr. Rachna Dhingra

- Invited as a Webinar Speaker on 'Cyber Crime Against Women' in association with Department of Social Work, Bharathidasan University, Tiruchirappalli, Tamilnadu
- Completed a short certificate course on "MOOC on Quality Apprenticeship (29th Jun - 16th Aug 20)" organised by ILO.

Sakshi Wadhwa

- Trainer, International Abilympics Painting Competition With NAAI & Sarthak
- Organized webinar on 'Sustainability in Accessory Design' in collaboration with Brandless & Nurture India
- Organized an online workshop on 'Documentation: File Editing, Compression, Conversion' in collaboration with 361 DigiAds

Dr. Vaishali Gupta

- Working with NGO - Trash to Cash as a freelance product Consultant (Voluntary)

DEPARTMENT OF EDUCATION

Edited Books

- Asthana, N., Malaviya, R., Kalra, M. & Mehta, R. (Eds) (2020). *"Learning and Education towards Best Practices"*. New Delhi: Renova International Publishers. ISBN No. 978-93-87879-64-5.
- Asthana, N., Malaviya, R., Kalra, M. & Mehta, R. (Eds) (2020). *"Learning: Trends, Needs and Opportunities"*. New Delhi: Renova International Publishers ISBN No. 978-93-87879-65-2
- Mehta, R. (Ed) (2019). *"Safety Measure And Facilities Available In Schools of Delhi"* New Delhi: Bluerose Publications. ISBN-978-93-902232-1-3

Published Book Chapters

- Asthana, N. (2020). "Teacher Education Programme in South Asia: Scope of Preparing Inclusive Teachers (A Study of Afghanistan, Pakistan, Bangladesh and Sri Lanka)" in Ed. Parimala, D. *Higher Education in South Asia-Challenges and Possibilities*, Kanishka Publishers, New Delhi. ISBN 978-93-89484-39-7 (pp 487-503).
- Asthana, N. (2019), "Impact of Advertisement in Social Media on Adolescent" in Eds. Ch. Beda Devi & Ch. Sonia Devi *Education and Sustainable Development Goals*. New Delhi: Global e-text. ISBN: 978-81-939495-3-5
- Asthana, N. (2019), "Including Children with Disability in Schools of Delhi: Impact of Socio-Economic Factors" in Eds. Tagore, N.R. and Rjendran, L. *"Emerging Trends in Educating Persons with Disability"*. Chennai: Sakthi Pathipagam. ISBN: 978-93-81899-97-7, p 217-229
- Mehta, R. (2020). Effect of globalisation and religion. In *Need of Technology Empowered: Educating System in India chapter- "effect of globalisation and religion on women"*. Lordine Nuovo Publication. ISBN- 978-81-944724-4-5.

Published Papers

- Mehta, R. (2020). Awareness and use of online banking by women: a study. *Paritosh Journal*. ISSN No.- 2347-6648 GROUP-1 ISO:7021-2008
- Mishra, R.D. (2020). Role of NGO school towards educational Rehabilitation- *Shodh Sanchar Bulletin* UGC care listed Journal

- Mishra, RD. (2020). Challenges in Synchronous Online Education during Corona Virus Pandemic in context of Developing: Parents' Perception in Indian Urban Schools. *Solid State Technology*, Scopus and UGC listed Journal.
- Mishra, RD. (2020). Contribution of BJS School towards Educational Rehabilitation- A Case Study. UGC listed Journal.

Paper presented in Seminars/Conferences:

- Asthana, N. (2019), "Right of Persons with Disability Act, 2016 Onwards: Status of female students with Disability in some Selected Government Schools of Delhi" National Seminar on " Role of Young and Adolescent Girls with Disabilities in National Integration of India", Society for Disability and Rehabilitation Studies and Human Rights and Disability Studies Programmes, School of International Studies, JNU. 25th and 26th July, 2019
- Mehta, R. (2020). "Effect of globalisation and religion on women education in india- a study" Paper presented and Published in Bodhi International Journal of Research in Humanities , Arts and Science
- Mehta, R. (2020). "Multilingualism as a tool to enhance learning in the classroom" Paper presented in International conference on Global Technologies Advancement in Social Sciences Published in *Kaav international journal of Economics, Commerce and Business Management*.
- Mishra, RD. (2020). Paper presented on Creativity in ICL 2020- Lady Irwin College .

Students pursuing PhDs

Dr. Mani Bhasin Kalra

- Ms. Rita Singh. 'A Study of Science Communication at Primary Level', AMITY University.
- Ms Shruti Pokhriyal. 'A Study of Mental Health Programmes in Schools', University of Delhi
- Ms. Divya Kalra. A Study on Child Cognition, University of Delhi
- Ms Aprajita Narula. The need for Happiness Curriculum and it's relationship with the school ecology: An exploratory study. University of Delhi.

Dr. Neelima Asthana

- Tarubhi Agrawal. (2018). Nutritional Behaviour and Nutritional Status of Adolescents with Autism.
- Suman Sharma. (2018). Inclusion in MCD Schools of Delhi.
- Pushpendra Tripathi. (2018). Uchch Shakshik Paripreksha mein viklang mahilaon ki manasamajik stithi ka adhyan.

Outreach Footprints (CE, Services, workshops conducted, lectures taken etc.)

Invited Lectures/ Resource Person/ Expert:

Dr. Neelima Asthana

- Online lecture (Webinar), "Universal Design of Learning and Inclusion" 8th June 2020 @ 2 PM Tamil Nadu Teacher Education University, Chennai
- "Some Aspects of Teaching Methodology and Language Teaching", Bukhara State University, Bukhara, Uzbekistan, December 30, 2019

Dr. Richa Mehta

- Editor of National Conference On Learning: 1. Learning and Education towards Best practices, Joint Editors, Renova, International Publisher 2020, ISBN 978-93-87879-65-

- Editor of National Conference on Learning: 2. Learning: Trends, Needs and Opportunities, Joint Editors, Renova International Publisher 2020, ISBN 978-93-87879-65-2
- Member of National Conference on Learning, "Teachers: Effecting change for a sustainable future" Organised by Department of Education 2019.

Ms. Rashi Dubey Mishra

- Video lecture taken on Gender Green Teacher Project- MOOC- for NIOS
- Curriculum development committee member for Teacher training program of NIOS

DEPARTMENT OF SCIENCE

Honors/ Award/ Recognition/ Patents

Dr Renuka Gupta

- Coordinator of the committee for the SEC paper "Genetic Counseling" submitted and approved by the Department of Zoology, University of Delhi
- Coordinator of the committee for the GE paper Human Physiology, Department of Zoology, University of Delhi

Dr. Rupa Upadhyay

- Invited as an external examiner for M.Sc. final year students thesis viva voice at Amity institute of Horticulture studies and research, Amity University Uttar Pradesh.

Published Papers

- Azad, I., Akhter, Y., Khan. T., Azad, M. I., Chandra, S., Singh, P., Kumar, D., Nasibullah, M. (2019). Synthesis, quantum chemical study, AIM simulation, in silico ADMET profile analysis, molecular docking and antioxidant activity assessment of aminofuran derivatives. *Journal of Molecular Structure*, October 2019, vol 1203, pp 1-23.
- Kumar, D., Singh, P., Jayaraj, A. & Kumari, K. (2019). Development of a theoretical model for the inhibition of nsP3 protease of Chikungunya virus using pyranooxazoles. *Journal of Biomolecular Structure and Dynamics*, December 2019, vol 38, pp 1-17.
- Singh, P., Kumar, D., Vishvakarma, V. K., Yadav, P., Jayaraj, A., Kumari, K. (2019). Computational approach to study the synthesis of noscapine and potential of stereoisomers against nsP3 protease of CHIKV. *Heliyon*, December 2019, vol 5, pp 1-13.

Students pursuing PhDs

Dr. Renuka Gupta

- Vinoy Krishna (2016): Landuse pattern in Western Ghats
- Rajneesh Dwevedi (2017): Temporal patterns of colonial bird population with special reference to climate change

Dr Rupa Upadhyay

- Mohd. Aamir (2016): Indigenous IPM technopackages for the management of root knot Nematode
- Mr Manmohan (2019) Comparative evaluation of quality and physico chemical characteristics of selected vegetables under conventional and organic systems

Outreach Footprints (CE, Services, workshops conducted, lectures taken etc.)

Dr Renuka Gupta

- Organising member Intercollegiate debate under Kalam Series on Science and Environment 2019-2020.
- Organising member invited talk on Green Chemistry on National Science Day, 28th February, 2020.
- Organising member, National webinar on “Science of COVID 19: An Invisible Killer”, 19th May 2020.
- Organising member, National webinar on “Preventive healthcare diagnostic platforms based on Micro-nanotechnologies”, 30th May 2020.

Dr Rupa Upadhyay

- Organising member, Intercollegiate debate under Kalam Series on Science and Environment 2019-2020.
- Organising member, invited talk on Green Chemistry on National Science Day, 28th February, 2020.
- Convenor, National webinar on “Science of COVID 19: An Invisible Killer”, 19th May 2020
- Convenor, National webinar on “Preventive healthcare diagnostic platforms based on Micro-nanotechnologies”, 30th May 2020
- Convenor, National webinar on “Environmental Impact Assessment: Basic concept, procedure and relevance”, 9th June 2020

Dr. Anjali Sehrawat

- Organising member, Intercollegiate debate under Kalam Series on Science and Environment 2019-2020.
- Organising member, invited talk on Green Chemistry on National Science Day, 28th February, 2020.
- Organising member, National webinar on “Science of COVID 19: An Invisible Killer”, 19th May 2020
- Co-ordinator, National webinar on “Preventive healthcare diagnostic platforms based on Micro-nanotechnologies”, 30th May 2020
- Organising member, National webinar on “Environmental Impact Assessment: Basic concept, procedure and relevance”, 9th June 2020

Dr Nancy Raina

- Organising member, Intercollegiate debate under Kalam Series on Science and Environment 2019-2020.
- Organising member, invited talk on Green Chemistry on National Science Day, 28th February, 2020.
- Organising member, National webinar on “Science of COVID 19: An Invisible Killer”, 19th May 2020
- Organising member, National webinar on “Preventive healthcare diagnostic platforms based on Micro-nanotechnologies”, 30th May 2020
- Co-ordinator, National webinar on “Environmental Impact Assessment: Basic concept, procedure and relevance”, 9th June 2020

Dr. Swati Raman

- Organising member, Intercollegiate debate under Kalam Series on Science and Environment 2019-2020.
- Organising member, invited talk on Green Chemistry on National Science Day, 28th February, 2020.
- Organising member, National webinar on “Science of COVID 19: An Invisible Killer”, 19th May 2020

- Co-ordinator, National webinar on “Preventive healthcare diagnostic platforms based on Micro-nanotechnologies”, 30th May 2020
- Organising member, National webinar on “Environmental Impact Assessment: Basic concept, procedure and relevance”, 9th June 2020

Mr. Rajneesh Dwevedi

- Organising member, Intercollegiate debate under Kalam Series on Science and Environment 2019-2020.
- Organised and co-ordinated, Field visit of undergraduate students to Yamuna Biodiversity Park on World Wetland Day 2nd Feb 2020.
- Organising member, invited talk on Green Chemistry on National Science Day, 28th February, 2020.
- Moderator, National webinars on “Science of COVID 19: An Invisible Killer”, 19th May 2020
- Organising member, National webinar on “Preventive healthcare diagnostic platforms based on Micro-nanotechnologies”, 30th May 2020
- Organising member, National webinar on “Environmental Impact Assessment: Basic concept, procedure and relevance”, 9th June 2020

Mr. Vinoy Krishna

- Organising member, Intercollegiate debate under Kalam Series on Science and Environment 2019-2020.
- Organising member, invited talk on Green Chemistry on National Science Day, 28th February, 2020.
- Organising member, National webinars on “Science of COVID 19: An Invisible Killer”, 19th May 2020.
- Organising member, National webinar on “Preventive healthcare diagnostic platforms based on Micro-nanotechnologies”, 30th May 2020.
- Co-ordinator, National webinar on “Environmental Impact Assessment: Basic concept, procedure and relevance”, 9th June 2020.

