

2020 - 2021

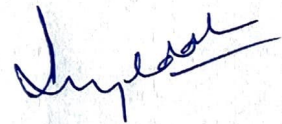
# FACULTY ACHIEVEMENTS

प्रो. अनूपा सिन्हा  
Prof. Anupa Singh  
निर्देशिका, लेडी इर्विन महाविद्यालय  
Director, Lady Irwin College  
नई दिल्ली / New Delhi-110001



# **CONTENTS:**

**Honors/Awards/Recognitions**  
**Published Books**  
**Published Chapters**  
**Published Papers**  
**Other Publications**  
**E-Content developed**  
**Papers presented in Seminars & Conferences**  
**Ph D Students (Awarded & Enrolled)**  
**Consultancy**  
**Outreach Footprints**



प्रो. अनूपा सिद्धू  
Prof. Anupa Siddhu  
निर्देशिका, लेडी इर्विन महाविद्यालय  
Director, Lady Irwin College  
नई दिल्ली / New Delhi-110001



# DR. ANUPA SIDDHU, DIRECTOR, LADY IRWIN COLLEGE

## Honors/Awards/Recognition/Patents

- Guest of honor and plenary speaker at UGC conference on "Unfolding the Potentials of Women Including Girls and Children: Enhancing the Benefits Exponentially for One and All- Sabka Saath-Sabka Vikas" held on 27th March 2021 by Aditi Mahavidyalaya.
- Co-organiser at International Conference on "Delivery for Nutrition in India: Insight from implementation research" 15-18 Sept 2021 Co-host With IFPRI
- Inauguration of Solar Panels of Lady Irwin College By Hon. Chief Minister Arvind Kejriwal. on Oct 15, 2021 with NDMC Chairperson

## Invitations to workshops

- CPDHE: Role of teachers in NEP on 22 March 2021
- National Seminar on Micronutrient requirements by Prof Anura Kurpad 12 Nov 2021
- National webinar on fortification of edible oils: From commitment to action. Sept 25, 2020
- NFI, Dr Gopalan Memorial Webinar "Nutrient Requirements for Indians"

## Papers Published

- Bakshi, A., Singh, K., Siddhu, A., (2021). Body composition of chronic kidney disease patients: A multi-stage analysis. *Journal of Renal and Hepatic Disorders*.

## Students pursuing Ph.D.

- Beena Arora (2015). Nutritional profile and quality of life in patients undergoing different bariatric procedures. (Submitted)
- 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.

## Membership of professional bodies

- Member, WCD consultation, Delhi Govt
- Chairperson, WCD Ministry on promotions
- Member, Selection Committee for Associate Professor DU Colleges
- Chairperson, Roshni Center, Lady Irwin College

## FOOD AND NUTRITION

### Honors/ Award / Recognition/ Patents

#### Dr. Neena Bhatia

- Member, Expert Committee for Centre for Nutrition Research and Training under Division of Nutrition, ICMR, 2021
- Member, Expert Committee to review the Project Proposals, Fellowships, Screening and Selection Committees in the Division of Nutrition, ICMR, GOI

#### Dr. Manisha Sabharwal

- First prize to MSc Dissertation student, Aishwarya Deorane at UGC STRIDE National Level-Virtual Research Paper Competition organised by UGC STRIDE Capacity Building Centre at Dr. BMN College of Home Science (Mumbai), on 10<sup>th</sup> and 11<sup>th</sup> June, 2021. The research paper was titled, 'Perceived stress and dietary choices during Covid 19 pandemic in men and women aged 25-35 years working as sales executives from home'.



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### **Dr. Pulkit Mathur**

- Member, Evaluation Committee for State Food Safety Index for Large States 2020-21, Food Safety and Standards Authority of India.
- Chairperson, Oral Paper Presentations at the Virtual International Conference on Role of Micronutrients: Immunity and Health organised by Manav Rachna International Institute of Research and Studies, held on 18-19 June 2021.
- Member, Regional Jury for the National Low Salt Cooking Challenge organised by Food Safety and Standards Authority of India, March 2021.
- Member, National Level Screening Committee for the National Eat Right Creativity Challenge 2 organized by Food Safety and Standards Authority of India, February 2021.
- Member, National Task Force on Balanced & Healthy Diets, Directorate General of Health Services, Ministry of Health and Family Welfare, Government of India. 2020.
- Member of the National Committee of the International Union of Nutritional Sciences.
- Convenor, Nutrition Society of India- Delhi Chapter
- National Resource Person, FoSTaC, Food Safety and Standards Authority of India.
- Judge for Intercollege Skit Competition (video) competition organized by Lakshmibai College, in collaboration with NSI and NetProFAN for celebrating Nutrition Month in September, 2020.

### **Dr. Lalita Verma**

- Master Training Programme on Grain Processing from CFTRI, Mysore

### **Ms. Prachi Shukla**

- Master Trainer (Grain Processing), Ministry of Food Processing Industries, Govt of India

### **Dr. Priti Rishi Lal**

- Member BOS Sports Nutrition, Osmania University
- Member BOS Applied Nutrition, Osmania University

### **Dr. Aparna Agarwal**

- Certificate of Appreciation, NutriScholar Award 2020 as Mentor in 4 PM healthy savory snack (Dec 2020).
- National Level Master Trainer in Fruit and Vegetables processing by Ministry of Food Processing Industries. Oct 2020.
- National Level Master Trainer in Milk and Milk Product processing by Ministry of Food Processing Industries. Dec 2020.
- Nodal Officer, PMFME Scheme, Delhi State
- Task Force: ODOP consultation organized by Lady Irwin College in collaboration with DSIIDC

### **Dr. Dipesh Aggarwal**

- CQFS Food Safety Award 2021 for contribution in Food Safety

### **Dr. Nidhi Jaiswal**

- Master Trainer for Food Micro and small enterprises -Entrepreneurship Development Programme by Ministry of Food processing Industries, Government of India

### **Dr. Swati Jain**

- Position- Early Career Secretary (World Public Health Nutrition Association, UK)

### **Dr. Neha Bakshi**

- Master Trainer – Entrepreneurship Development by Ministry of Food Processing Industries
- Editorial Member of an editorial board for journal Acta Scientific Gastrointestinal Disorders
- Executive Member at Indian Association of Parenteral and Enteral Nutrition

- Expert Speaker at Educational Video: COVID & Nutrition: Myths and Facts by NCEARD, FSSAI and MyGov.in
- Invited as an expert to present on Nutrition from locally available food for adolescent and school children by Magic Bus Foundation. April 2021

#### **Dr. Anjani Bakshi**

- Speaker in TEN NEWS, 12/6/2020 to deliver a talk on "Healthy Living: Eat Well, Exercise Right".
- Video on "Healthy food during COVID 19" posted in the website of Government of India (MyGov India).

#### **Dr. H. Memthoi Devi**

- National Level Master Trainer in Fruit and Vegetable Processing for Government of Delhi
- National Level Master Trainer in Spices and Plantation Crops Processing for Government of Delhi

#### **Dr. Poonam Singh**

- Recognition Certificate of Reviewing By Elsevier Life Sciences since 2019.

### **Researches / Projects**

#### **Dr. Manisha Sabharwal**

- Nodal officer for PMFME( Pradhan Mantri Formalization of Micro Food Processing Enterprises Scheme, since November,2020 with Lady Irwin College as the State Level Training Institute.

#### **Dr. Pulkit Mathur**

- Non Nutritive Sweetener and their Role in Insulin Regulation and Related Metabolic Factors, funded by ILSI-India, grant sanctioned-Rs 50,000, Minor project

#### **Dr. Pooja Raizada**

- DBT Star College Scheme , Government Project, Principal Investigator & Co-Investigator Dr. Pooja Raizada & Dr. Aparna Agarwal, Department Of Food Technology, Year of Award 2020, Amount Sanctioned 25 lakhs

#### **Ms. Anjana Kumari**

- Extraction of Dietary fibre from inner and outer bracts of culinary banana flower and its incorporation in bakery products. DBT Star College Scheme, Lady Irwin College (Ongoing)

#### **Dr. Aparna Agarwal**

- Pradhan Mantri Formalisation of Micro Food Processing Enterprise Scheme (PMF ME) Flagship Scheme by MoFPI, Gol. Department of Food & Nutrition and Food Technology has been recognised as State Level Technical Institution (SLTI) for Delhi Govt.
- An infrastructure development project, "Creation of Infrastructure facilities for Food Technology degree course" funded by Office of Commissioner of Industries, Delhi Govt for one Crore from 2019 to 2021. The project involved purchase of different analytical equipment for different laboratories of the Department.
- A research project, "Strengthening Life Science and Biotechnology Education Training at undergraduate level" funded by Department of Biotechnology, Ministry of Science and Technology for Twenty five lakhs for three years for BSc (Hons) Food Technology (2020 to 2023).

#### **Dr. Swati Jain**

- ILSI Project- " Micronutrient status of COVID-19 Hospitalized Patients- A systematic Review" Principle Investigator- Dr. Swati Jain

#### **Dr. Neha Bakshi**

- ILSI Project-"Micronutrient status of COVID-19 Hospitalized Patients-A systematic Review" As a Co-PI



### **Dr. Anjani Bakshi**

- Co-PI of Minor project on Non-Nutritive Sweetener and their Role in Insulin Regulation and Related Metabolic Factors, funded by ILSI-India.

### **Dr. Kanika Agarwal**

- ILSI Project- " Micronutrient status of COVID-19 Hospitalized Patients- A systematic Review" As a Co-PI

### **Dr. H. Memthoi**

- ILSI Project- " Micronutrient status of COVID-19 Hospitalized Patients- A systematic Review" As a Co-PI

### **Dr. Poonam Singh**

- DBT Star College Project under Title: Preparation of fermented mixed fruit flour from byproducts of different fruits

## **Published Books**

### **Dr. Pulkit Mathur**

- Agarwal, P. & Mathur P. (Eds.) (2021). Eat Right: A Food Systems Approach. Food Future Foundation. ISBN 978-93-5526459-6

## **Published Book Chapters**

- Agarwal A., Jaiswal N., Tripathi A.D., Paul V. (2021) Downstream Processing; Applications and Recent Updates. In: Srivastava N., Srivastava M., Mishra P., Gupta V.K. (eds) *Bioprocessing for Biofuel Production*. Clean Energy Production Technologies. Springer, Singapore. [https://doi.org/10.1007/978-981-15-7070-4\\_2](https://doi.org/10.1007/978-981-15-7070-4_2), Print ISBN 978-981-15-7069-8, Online ISBN 978-981-15-7070-4
- Agarwal A., Sharma R., Tripathi A.D., Rizwana (2021) Biofuel from Microalgae. In: Srivastava M., Srivastava N., Singh R. (eds) *Bioenergy Research: Biomass Waste to Energy*. Clean Energy Production Technologies. Springer, Singapore. [https://doi.org/10.1007/978-981-16-1862-8\\_3](https://doi.org/10.1007/978-981-16-1862-8_3). Print ISBN 978-981-16-1861-1 Online ISBN 978-981-16-1862-8
- Aggarwal D., Anand S. and Mishra D. (2020). Detection of Pesticide Residues in Milk and Milk Products. Chapter 9 in "Biological and Chemical Hazards in *Food and Food Products: Prevention, Practices and Management*", Apple Academic Press, Taylor and Francis Group, CRC, Boca Raton. Volume: 36 ISBN No: 9781774637135
- Bhatia, N. and Vir, S.V. (2021) Nutrition care of adolescents: Crucial for optimum growth, development and intergenerational Health Chapter 16, 649-716. in Sheila Vir (ed) *Public Health Nutrition in Developing Countries Volume 1*, 2<sup>nd</sup> Edition, Woodhead Publishing India. ISBN No.978-93-88320-35-1
- Chutani, AM., Bakshi, A., (2021). Chapter: Cardio-Vascular Disorders. In *Principles of Medicinal Nutrition Therapy For Positive Clinical Outcomes (1st Edn.)*. Elite Publication House. (ISBN: 978-81-935996-8-6)
- Gupta, A.T. (2021). Translating knowledge into practice: Barriers and Facilitators. In R. Malviya, M. B. Kalra, N. Asthana & R. Mehta (Eds.). *Inclusion for Learning* (pp. 112-121).
- Jaiswal N., Agarwal A. Tripathi AD., (2021). Chapter: Application of Microorganisms for Biofuel Production. In *Bioenergy Research: Basic and Advanced Concepts*. Springer. (ISBN: 978-981-33-4611-6)
- Jaiswal N., Agarwal A., Tripathi A.D. (2021) Application of Microorganisms for Biofuel Production. In: Srivastava M., Srivastava N., Singh R. (eds) *Bioenergy Research: Basic and Advanced Concepts*. Clean Energy Production Technologies. Springer, Singapore. [https://doi.org/10.1007/978-981-33-4611-6\\_2](https://doi.org/10.1007/978-981-33-4611-6_2). Print ISBN 978-981-33-4610-9, Online ISBN 978-981-33-4611-6



- Khurana, S., Grover, Y., Agarwal, A., Tripathi, A.D., & Kumari, A. (2020). Green Packaging and Utilization of Fruit Fibres: A Review In: *Green Perspectives in Food Processing* (pp.163-188).New India Publishing Agency. ISBN 978-81-94849-51-3
- Paul V., Rai S., Tripathi A.D., Rai D.C., Agarwal A. (2021) Impact of Fermentation Types on Enzymes Used for Biofuels Production. In: Srivastava N., Srivastava M., Mishra P., Gupta V.K. (eds) *Bioprocessing for Biofuel Production. Clean Energy Production Technologies*. Springer, Singapore. [https://doi.org/10.1007/978-981-15-7070-4\\_1](https://doi.org/10.1007/978-981-15-7070-4_1), Print ISBN 978-981-15-7069-8, Online ISBN 978-981-15-7070-4
- Seth, V., Bakshi, A., (2021). Chapter: General Principles of Dietary Management of Common Renal Disorders. *Principles of Medicinal Nutrition Therapy For Positive Clinical Outcomes* (1st Edn.). Elite Publication House. (ISBN: 978-81-935996-8-6)
- Seth, V., Bakshi, A., (2021). Chapter: Principles of Diet Therapy. In *Principles of Medicinal Nutrition Therapy For Positive Clinical Outcomes* (1st Edn.). Elite Publication House. (ISBN: 978-81-935996-8-6)
- Seth, V., Bakshi, A., (2021). Chapter: The Nutrition Care Process. In *Principles of Medicinal Nutrition Therapy For Positive Clinical Outcomes* (1st Edn.). Elite Publication House. (ISBN: 978-81-935996-8-6)
- Shrivastava A., Tripathi A.D., Agarwal A., Paul V. (2021) Downstream Processing of Biofuels. In: Srivastava M., Srivastava N., Singh R. (eds) *Bioenergy Research: Basic and Advanced Concepts. Clean Energy Production Technologies*. Springer, Singapore. [https://doi.org/10.1007/978-981-33-4611-6\\_1](https://doi.org/10.1007/978-981-33-4611-6_1). Print ISBN 978-981-33-4610-9 Online ISBN 978-981-33-4611-6
- Shukla, P. (2021). Gastrointestinal Disorders. In V. Seth and K. Mathur (Eds.), *Principles of Medical Nutrition Therapy for Positive Clinical Outcomes* (pp. 140-165 ). New Delhi, ND: Elite Publishing House. ISBN: 978-81-935996-8-6
- Singh, K., Bakshi, N., (2021). Therapeutic Adaptations of Normal Diets. In Seth V., Singh K., *Principles of Medicinal Nutrition Therapy For Positive Clinical Outcomes* (1st Edn.). Elite Publication House. (ISBN: 978-81935996-7-9)
- Singh, K., Chaturvedi S, Bakshi, N., (2021). Disorder of Liver and Accessory Organ of Digestion. In Seth V., Singh K., *Principles of Medicinal Nutrition Therapy For Positive Clinical Outcomes* (1st Edn.). Elite Publication House. (ISBN: 978-81935996-7-9).
- Verma, L., Agarwal, K.,(2021). Chapter: Food allergy and food intolerance. In *Principles of Medicinal Nutrition Therapy For Positive Clinical Outcomes* (1st Edn.). Elite Publication House. (ISBN: 978-81935996-7-9)

## Published Papers

- Ansari, A., & Goomer, S. (2020). Nutritional and Pharmacological Potential Of Potato Peels: A Valuable Multi-Functional Waste Of Food Industry, 20, 84-87.
- Ansari, G., Jain, A. and Bhatia, N. (2020). Association of maternal Dietary Diversity and Nutritional Status with Child's Nutritional Status (2-5 years). *India World Nutrition* DOI: <https://doi.org/10.26596/wn.2020111110-128>(open access peer reviewed journal)
- Arora, S. and Mathur, P. (2020). Food and Nutrient Intake Pattern of Three Generations Living Together in Middle Income Households of Delhi. *India. J Hum Ecol.*, 72 (1-3): 309-319. DOI: 10.31901/24566608.2020/72.1-3.3294
- Bakshi, A., Singh, K., Siddhu, A., (2021). Body composition of chronic kidney disease patients: A multi-stage analysis. *Journal of Renal and Hepatic Disorders*.
- Chaturvedi, S. Bhatia, N. Vikram, NK. Madhusudhan, K.S., Pandey, RM. (2021). Association of lifestyle and metabolic risk factors with grades of fatty liver in non-diabetic NAFLD patients. *International Journal of Applied Research and Review*, 6(6), 2021; 37-47 (open access peer reviewed journal)
- Chaturvedi, S. Bhatia, N. Vikram, NK. Madhusudhan, K.S., Pandey, RM. (2021). Gender based association of clinical and anthropometric variables with NAFLD –A case control study *International Journal of Applied Research and Review*, 6(5), 2021; 25-35 (open access peer reviewed journal)



- Dhasmana, A. and Mathur, P. (2020). Infant and young child feeding practices among mothers residing in urban and rural areas of Dehradun and associated barriers and facilitators in adopting optimal practices. *The Indian Journal of Home Science*. 32(2):153-163.
- Goel, K., Goomer, S., & Aggarwal, D. (2021). Formulation and Optimization of Value-added Barnyard Millet Vermicelli using Response Surface Methodology. *Asian Journal of Dairy & Food Research*, 40(1). ISSN: 0971-4456.
- Grover Y., Bhasin J., Dhingra B., Nandi S., Hansda M., Sharma R., Paul V., Idrishi R., Tripathi A . D., Agarwal A. (2021). Developments and scope of space food. *Current Nutrition and Food Science*. Paper Accepted in May 2021 ISSN: 2212-3881 (Online) ISSN: 1573-4013 (Print)
- Gupta, A., Lal, P.R., Sharma, L.K. & Prakash, S. (2021). Understanding the Determinants of Anemia amongst Indian Adolescents. *International Journal of Health Sciences and Research*, Vol.11; Issue: 4
- Gupta, L. Lal, P.R., S V Suma, Goel, G. Sharma, A., Khandelwal, D. (2021). Potential Health Benefits of Fruits and Vegetables : EPIC Inspite Glycemia. *Journal of the Indian Medical Association*, Vol 119, No 5, May 2021 Page 36-40.
- Gupta, L., Lal, P.R., Gupta, Y., Goyal, A., Khanna, A., Tandon, N. (2021). Formative research to develop diabetes self-management education and support (DSMES) program for adults with Type 1 Diabetes. *Diabetes & Metabolic Syndrome. Clinical Research & Reviews*.
- Gusain, Y., Verma, L. & Chopra, M., (2021). Revisiting the screening criterion for acute malnutrition among children (6-24 months) and role of nutrition education for mothers in anganwadi centres of Delhi. *Indian Journal of Home Science*, 33(2),194-202.
- Heirangkhongjam, M. D., & Ngaseppam, I. S. (2021). In vitro digestive activity and stability study of *Rhus chinensis* Mill. fruit and its value-added products. *Indian Journal of Natural Products and Resources (IJNPR)* [Formerly Natural Product Radiance (NPR)], 12(3), 472-479.
- Heirangkhongjam, M. D., & Ngaseppam, I. S. (2021). *Rhus chinensis* Mill.: A medicinal plant with promising inhibition of calcium oxalate crystallization, an in-vitro study. *Journal of Herbal Medicine*, 29, 100489.
- Jain A and Mathur P. (2020). Intake of Ultra-processed Foods among Adolescents from Low- and Middle-Income Families in Delhi. *Indian Pediatrics*, 57;15 : 712-715.
- Jain, R., & Goomer, S. (2020). Nutritional And Health Benefits Of Plant Proteins: A Review. *Plant Archive*, 20, 160-162.
- Jain, S. and Ranjan, S. (2020). Evidence that maintaining optimal nutrition status for a well-functioning immune system might promote recovery for mild COVID-19 patients. *World Nutrition* 2020;11(4):66-93.
- 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), 137-144. <https://doi.org/10.47203/IJCH.2020.V32I01.028>
- Rath, K., Bhatia, N. & Toteja, G.S. (2021). Morbidity, Feeding Practices, and Immunization Status of Children 6 - 23 Months in Delhi. *Asian Pacific Journal of Health Sciences*, 8(2), 95-98. Retrieved from <https://apjhs.com/index.php/apjhs/article/view/1300> (Included in UGC CARE list)
- Rizwana, Sharma. R., Rao, E., Swer T. L. and Agarwal A. (2021) Physicochemical, Sensorial And Microbiological Analysis of Minimally Processed Fruits of Papaya And Pineapple. *Plant Archives* Volume 21, No 1, 2021 pp. 1405-1412. e-ISSN:2581-6063 (online), ISSN:0972-5210
- Sachdev, N., Goomer, S., & Singh, L. R. (2021). Foxtail millet: a potential crop to meet future demand scenario for alternative sustainable protein. *Journal of the Science of Food and Agriculture*, 101(3), 831-842.
- Satyapriya, Bishnoi, S., Lenin V., Sangeetha V., Barua, S., Singh, P., Chauhan, J.K., Keshavand and Mathur, P. (2021). Behavioral Intentions of Delhi Consumer's towards Fortified Foods. *Indian Res. J. Ext. Edu.*, 21(1), 107-117.



- Sharma, V., & Chadha, R. (2020). Assessment of portion sizes of food items commonly consumed by urban Indian adults: A preliminary study. *Current Research in Nutrition and Food Science*, 8(1), 182–196. <https://doi.org/10.12944/CRNFSJ.8.1.17>
- Sinha, S., Verma, L., Nigam, S. (2020). Comparison of anthropometric indices with bio-electrical impedance analysis (bia) method to assess overweight and obesity in Indian women: need for more appropriate index. *Indian Journal of Home Science*, 32 (2),194-205.
- Suresh, M., Jain, S. and Bhatia, N. (2021). Evaluation of MUAC as a tool for assessing nutritional status during pregnancy (>20 weeks of gestation) among pregnant women in Delhi India. *World Nutrition 2021*; 12(1):65-72
- Suresh, M., Jain, S. Bhatia, N. (2021). MUAC for assessing nutritional status during pregnancy (>20 weeks of gestation) and its association with blood pressure. *World Nutrition* DOI: <https://doi.org/10.26596/wn.202112165-72> (open access peer reviewed journal)
- Thakur, S. & Mathur, P. (2021). Nutrition knowledge and its relation with dietary behaviour in children and adolescents: a systematic review. *International Journal of Adolescent Medicine and Health*, (), 20200192. <https://doi.org/10.1515/ijamh-2020-0192>
- Tripathi, A. D., Paul, V., Agarwal, A., Sharma, R., Hashempour-Baltork, F., Rashidi, L., & Darani, K. K. (2021). Production of polyhydroxyalkanoates using dairy processing waste-A review. *Bioresource Technology*, 124735. ISSN: 0960-8524
- Tripathi, A. D., Sharma, R., Agarwal, A., & Haleem, D. R. (2021). Nanoemulsions based edible coatings with potential food applications. *International Journal of Biobased Plastics*, 3(1), 112-125. ISSN: 2475-9651

### **Papers presented in Seminar/conference/workshops/training**

- Ansari Z., Goomer, S. (2020). Nutritional and Pharmacological Potential of Potato Peels: A Valuable Multifunctional Waste of Food Industry" in Agriculture and Allied Sciences(AIAAS-2020), organized by Society for Agriculture and Allied Research(SAAR) at Jawaharlal Nehru University, New Delhi, India, 2020.
- Jain R., Goomer, S. (2020). Characterization of Protein Quality chunks: Embracing Sustainability" in International Conference on Advances and Innovation in Agriculture and Allied Sciences (AIAAS-2020), organized by Society for Agriculture and Allied Research(SAAR) at Jawaharlal Nehru University, New Delhi, India, 2020.
- Jain R., Goomer, S. (2021). Effect of Particle size, barrel temperature on physical properties and limiting amino acids in extruded snack" in International Conference on Sustainable Approaches in Food Engineering and Technology (SAFETY), organized by University of Georgia, USA and Tezpur University, India, 2021.
- Joshi, C., Kumari, A., Agarwal, A., Khurana, S., and Grover, Y. (2020). Estimating the feasibility of bioethanol from lemon peels, bottle gourd peels and Orange peels. Virtual National Conference on Food Microbiology. IIFPT,
- Kampani, S., Jain S. and Bhatia, N. (2020). Poster Title: Dietary energy and cost contribution of ultra-processed foods in the diets of adolescent urban slum dwellers of Delhi at Conference 'Delivering for Nutrition in India: Insights from implementation Research' on September 14 to 18, 2020.
- Kaur, K., Verma, L., Bakshi, N. (2020). Obesity and eating habits among 19-20 year old students living in east Delhi as paying guest. Paper presented to e- conference on Sustainable strategies for food safety and nourishment, 22-23 Oct 2020, University of Mysore, India Dietetic Association, Mysore Chapter.
- Kaur, K., Verma, L., Bakshi, N. (2020). Obesity and eating habits among 19-20 year old students living in east Delhi as paying guest. Paper presented to e- conference on Sustainable strategies



for food safety and nourishment, 22-23 Oct 2020, University of Mysore, India Dietetic Association, Mysore Chapter.

- Kohli, S., & Chadha, R. (2020). Relation between optimal Infant and Young Child Feeding knowledge and its communication during counselling by Accredited Social Health Activists. Presented in September 2020 at Online Virtual event "Delivering for Nutrition in India: Insights for Implementation Research." organized by POSHAN, International Food Policy Research Institute.
- Mathur, P. (2020). Panelist for discussion on "Science behind Food Safety & Hygiene in COVID" organised by Vigyan Prasar, Department of Science and Technology, Govt. of India and telecast on DD Science. September 2020.
- Mathur, P. (2020). Panelist in discussion on COVID-19 through MOC (Missed Opportunities Cognizant) mindset: Opportunities for Nutrition, Health and Wellbeing amidst adversity" organized by SHARP NGO on 5th September 2020.
- Mathur, P. (2020). Presented paper on "Infant and young child feeding practices: Measuring diet quality and assuring food safety" during 3rd Rashtriya Poshan Maah 2020 celebrations at the Indian Institute of Public Health-Delhi, PHFI, on 26 September 2020.
- Mathur, P. (2020). Presented paper on 'Nutrition and Immunity: Opportunities for the Pharma and Food Industry' organized by Defence Institute of Physiology and Allied Sciences, on 17th July 2020.
- Mathur, P. (2020). Presented paper on 'Why to cut down on HFSS and Trans fat rich foods' organised by NetProFaN Kerala chapter on 18th October 2020.
- Mathur, P. (2020). Presented paper on First 1000 Days: Eating Right for Health and Immunity organized by Department of Home Science (Food & Nutrition), Bhagini Nivedita College (University of Delhi) on 4th September 2020.
- Mathur, P. (2021). Panelist for discussion on 'Efficacy and Safety of Micronutrient Supplementation' at the two day Virtual International Conference on Role of Micronutrients : Immunity and Health, organised by Manav Rachna International Institute of Research and Studies, Faculty of Allied Health Sciences on 19th June 2021.
- Mathur, P. (2021). Panelist in Discussion on Sleep Pattern of Adolescents: Link to Health and Academic Performance, organised by SHARP NGO held on 9th January 2021.
- Mathur, P. (2021). Presented paper on 'Ensuring a Safe and Nutritious Food Environment: Importance of a "Whole of Society" Approach' lecture delivered during Refresher Course on the theme 'Pandemic Effect and Role of Home Science in Revitalizing Community for Sustainable Development' organized by Department of Home Science & UGC – HRDC, Deen Dayal Upadhyay Gorakhpur University, Gorakhpur on 2nd February 2021.
- Mathur, P. (2021). Presented paper on 'Revitalizing our Bodies for Protection against Future Pandemics: Role of diet, Physical activity and Sleep pattern' lecture delivered during Refresher Course on the theme 'Pandemic Effect and Role of Home Science in Revitalizing Community for Sustainable Development' organized by Department of Home Science & UGC – HRDC, Deen Dayal Upadhyay Gorakhpur University, Gorakhpur on 6th February 2021.
- Mathur, P. (2021). Presented paper on Nutrition and Lifestyle during Covid 19 during the training program for Covid 19 Medical Volunteers organized by MAMTA Health Institute for Mother and Child, on 23rd June 2021.
- Mathur, P. (2021). Presented paper on Public Health Aspects of Food Safety for the Masters in Public Health students of Public Health Foundation of India, Indian Institute of Public Health on 3rd June 2021.
- Mediratta, S. and Mathur, P. (2020). Co-author for paper on Healthfulness of Snacks and Meals Commonly Consumed in Delhi. At 4th International Virtual Conference on Future Food for Sustainability and Nutritional Security organized by Amity Institute of Food Technology on 21st December 2020.



- Rathi, K., Bhatia N. and Toteja, GS. (2020). Presented a paper titled "Association between dietary diversity of mothers and children residing in an urban slum of Delhi" in the National Conference of Epidemiology Foundation of India (EFI) held on 19-20 December 2020, at All India Institute of Medical Sciences, (AIIMS) Rishikesh.
- 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. Presented in September 2020 at 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. Awarded 1st Prize.
- Thakur, S. & Mathur, P. (2020). Co-author for paper on Nutrition knowledge and its relation with dietary behaviour in children and adolescents- A systematic review. At 4th AMIFOST 2020 International Virtual Conference on Future Food for Sustainability and Nutritional Security organized by Amity Institute of Food Technology on 21st December 2020.
- Thakur, S. & Mathur, P. (2021). Co-author for paper on Effect of COVID-19 pandemic on the eating habits and intake of immunity boosting foods by children and their families. At Virtual International Conference on Role of Micronutrients: Immunity & Health organized by Department of Nutrition & Dietetics, Manav Rachna International Institute of Research and Studies in collaboration with Society for Agriculture & Allied Research (SAAR) from 18th-19th June, 2021.
- Verma A., Verma L, Bakshi A. (2020). Nutritional status and associated lifestyle diseases among school teachers of Delhi in National E-conference on Sustainable strategies for food safety and nourishment, 2020, Organised by Department of studies in Food science and nutrition, University of Mysore, Karnataka and Indian Dietetic Association, Mysore chapter.

### ***E content developed***

#### **Dr. Ravinder Chadha**

- Developed e-resource on 'Development of Culinary Skills - Steps in Preparation of Selected Recipes' for Food and Nutrition practical, B.Sc. Home Science (Honours) Sem I

#### **Dr. Pulkit Mathur**

- E-Lecture on Food Quality and Food Safety. Telecast on Vigyan Prasar for Class XII Human Ecology & Family Science, NCERT, live streamed on 31 July 2020 [https://www.youtube.com/watch?v=m\\_YaneMGK00](https://www.youtube.com/watch?v=m_YaneMGK00)
- E-lecture on Food preservation on E Vidya 12 channel on Food Preservation for Senior Secondary, NIOS , live streamed on 28 October 2020
- E-lecture on Diet and Nutrition on E Vidya 12 channel on Physical Education and Yog, for Senior Secondary, NIOS, live streamed on 11 December 2020

### ***Students awarded Ph.D.***

#### **Dr. Ravinder Chadha**

- Kanika Agarwal, Title - Relationship of cardiometabolic, dietary and other lifestyle factors with risk of incident diabetes among adults residing in urban Delhi: A nested case-control.

#### **Dr. Neena Bhatia**

- Swapna Chaturvedi, Title :Nutritional and lifestyle risk factors associated with non-alcoholic fatty liver disease (NAFLD). Supervisors: Dr. Neena Bhatia, Dr. Naval. K. Vikram , Degree Awarded in convocation held in 2021
- Divya Tripathi, Title :Development of mHealth based intervention and assessment of its feasibility in nutritional management of type-2 diabetes. Supervisor :Dr. Neena Bhatia, Degree Awarded in convocation held in 2021



### **Dr. Pulkit Mathur**

- Shreya Rastogi, Development of a Behaviour Change Communication Strategy to Promote Nutritional and Menstrual Health Care Practices among Underprivileged Adolescent Girls (14-19 years).

### **Students pursuing Ph.D.**

#### **Dr. Sangeeta Goomer**

- Hema Singh, 2016, Assessment of arsenic concentration in paddy produce in the trans Indo-Gangetic Plain of India. (Submitted)
- Radhika Jain, 2017, Development of RTU chunks of high protein quality and fibre rich content and its effect in lifestyle diseases
- Niharika Sachdev, 2017, Technology development for the production of millet and legume based protein isolate/hydrolysate and their applications in value addition
- Zoha Ansari, 2016, Feasibility studies on microencapsulation of bioactive compounds from agro industrial waste and their potential applications in food products

#### **Dr. Ravinder Chadha**

- Sahiba Kohli, 2016, Title - Competency of Accredited Social Health Activists in Infant and Young Child Feeding Counselling and community-based screening of malnourished children.
- Vidisha, Title, 2016 - Development and Evaluation of Food Photograph Series Software for Portion size estimation.

#### **Dr. Neena Bhatia**

- Shivika Panwar, 2021, Title : Delivering Key Nutritional and Dietary Interventions to Improve Preconception Nutritional Status of Married Women of Reproductive Age Group in Urban Delhi.
- Vasundhara Chand, 2019, Title : Assessment of dietary pattern, nutritional status, metabolic and behavioural risk factors of Non-Communicable Diseases of adult population of West Delhi. Supervisor Dr. Neena Bhatia, Dr. G. S. Toteja.
- Preeti Kamboj, 2016, Title: Consumption Pattern of Foods High in Fat, Salt and Sugar among adolescents from different socio-economic groups of an urban area of Delhi, Supervisors: Dr. Neena Bhatia, Dr. G. S. Toteja.
- Komal Rathi, 2016, Title : Complementary feeding practices of mothers of infant and young children from different socio economic strata in an urban area of Delhi. Supervisors: Dr. Neena Bhatia, Dr. G. S. Toteja.

#### **Dr. Manisha Sabharwal**

- Preetika Khenduja , 2016, Development of an Educational Intervention for Capacity Building of Elderly in Delhi for Promotion of Healthy Lifestyle.
- Naman kaur, 2021, Developing and promoting food-to-food fortification using under-utilised and traditional iron rich food sources.
- Ridhima , 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.
- Sunaina Thakur, 2018, Promotion of Consumption of Safe and Nutritious Food Among School Children.
- Sneha Chopra, 2021, Changes in status of Antioxidant Minerals and Related Metabolism During High Altitude Exposure



- Archana Garg, 2021, Determinants of eating behavior in adults.

#### **Dr. Lalita Verma**

- Ruchi Verma, 2019, Utilisation of Primary Health
- M Sindhuja, 2021, Protein Intake Behaviour and associated Health Related Fitness Profile of Adult Gymnasium users

#### **Dr. Priti Rishi Lal**

- M. Sindhuja, 2021, Topic under review in the area of fitness
- Himabindu Malla, 2016, Energy Availability of elite Indian adolescent athletes and its association with IGF, testosterone, BMD and T3 among in-camp Kabbadi trainees
- Lovely Gupta, 2017, Effectiveness of carbohydrate counting among people with Type 1 Diabetes
- Aakriti Gupta, 2016, Association of iron, folic acid, vitamin b12 deficiencies with anemia amongst rural girls (12-19 years).

### **Consultancy**

#### **Dr. Pulkit Mathur**

- Mentoring Railway Children India Team in planning and implementation of nutrition interventions and do capacity building of their functionaries. March- April 2021
- Reviewer for the Nutrition Report of the Food and Land Use (FOLU) Coalition India Project of TERI December 2020.
- Expert reviewer for FSSAI book on 'Do you Eat Right?' October 2020
- Expert for preparation of report on a survey done on Awareness about Eat Right India initiatives among FSSAI employees December 2020-January 2021.

#### **Dr. Lalita Verma**

- Consultancy from Railway Children India (RCI) non- profit organization

#### **Dr. Priti Rishi Lal**

- Consultancy 9.1 lacs 1st July to 30th Nov 2020, Scientist E, MYAS-NIN department of sports science, ICMR-NIN Hyderabad

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

#### **Dr. Sangeeta Goomer**

- Research on traditional Indian food systems
- Community clusters to integrate traditional practices with scientific evidence and technology which would result in income generation of farmers.
- Initiate entrepreneurship skills in researchers.

#### **Dr. Ravinder Chadha**

- Convenor, Organizing Committee, for the Webinar on Topic: Informatics: Relevance and Research Scope in Public Health and Nutrition Speaker: Dr. Ashish Joshi, Senior Associate and Dean of Academic and Student Affairs, City University, New York Graduate School of Public Health and Health Policy, Founder of 'Foundation of Healthcare Technologies Society' Date: 29 Aug, 2020, Time: 9:30 to 10:30 am
- Convener, Organizing Committee for the Webinar on Topic: Food & nutrition challenges faced by indigenous communities in the COVID crisis Speaker: Dr. Suparna Ghosh-Jerath, Professor and Head, Community Nutrition, Intermediate Fellow, Wellcome Trust/ DBT India Alliance, Indian Institute of Public Health Delhi (IIPH-Delhi), Public Health Foundation of India (PHFI) Date: 31 Aug, 2020 Time: 5:00 to 6:00 pm



- Convener, Organizing Committee, Webinar as part of Rashtriya Poshan Maah Celebration 2020 on Topic: Challenges in Facility Based Care Management of Children with Severe Acute Malnutrition Speaker: Ms. Anuja Agarwala, Senior Dietician, Department of Pediatrics, AIIMS, New Delhi, Date: 22 Sept, 2020 Time: 4:30 pm
- Convener, Organizing Committee, Webinar as part of Rashtriya Poshan Maah Celebration 2020. Topic: Identification and Management of Severe Acute Malnutrition Speaker: Dr. Praveen Kumar, Director-Professor of Pediatrics, Lady Hardinge Medical College and Associated Kalawati Saran Children's Hospital Date: 26Sept,2020, Time: 12:15 to 1:15 pm

### Dr. Manisha Sabharwal

- Conducted a session on Detection and Management of Maternal malnutrition during antenatal period in the Webinar on, 'Detection, Management and Prevention of Malnutrition in Women and Children' on September 26, 2021, during the 3<sup>rd</sup> Rashtriya Poshan Maah Celebration organised by Indian Institute of Public Health,( IIPH) ,Delhi.
- Conducted a virtual training work shop for frontline workers of an NGO named Railway Children India on , 'Importance of Nutrition in the first 1000 days of life.-**जीवन के पहले 1000 दिनों में पोषण का महत्त्व**' on April 17, 2021.

### Dr. Pulkit Mathur

- Talk on 'Role of Nutritious Diet and Work Life Balance' for Infosys employees organized by CII and Infosys on 18th March 2021.
- Interactive Workshop on "Nutrition from my kitchen" on the occasion of National Nutrition month organised by Magic Bus India foundation for underserved women and children on 27th September 2020.
- Webinar on Eating Right for Staying Healthy and Building Immunity during the Covid 19 Pandemic organized by National Service Scheme (NSS) Unit of SVKM's Usha Parvin Gandhi College of Arts, Science and Commerce, Mumbai on 6th September 2020.

### Dr. Pooja Raizada

- "Anti-ageing realm-Tapping molecular mechanisms for development of nutraceuticals" on July 28th, 2020 presented by Dr. Sonam Chawla, Assistant Professor, Dept. of Biotechnology, Jaypee Institute of Information Technology
- "Packaging of Food: Trends and Prospects" on 30th July, 2020 presented by Dr. R.K.Jain, Technical Expert, United Nation Industrial Development Organisation, Former Director& Scientist G, Central Pulp & Paper Research Institute
- Convenor for organizing a Webinar "Nutrition management of COVID 19 patients at multiple stages of Diseases" On 27<sup>th</sup> August 2020, Food & Nutrition Department , Lady Irwin College
- "Traceability and Recall in Foods" on 1st October, 2020 presented by Dr. Ashutosh Upadhyay, Professor, Department of Food Science & Technology and Dean Academic, NIFTEM
- "Green Perspectives in Food Processing" on 15th Oct, 2020 presented by Dr. H N Mishra Professor I/C & Nodal Officer, Agri Business Incubation Centre Professor of Food Technology, Agricultural and Food Engineering Department, IIT Kharagpur
- **International Webinar** "Novel Technologies for Sustainable Food Systems" on 17th October, 2020 presented by Dr. Brijesh K. Tiwari, Principal Research Officer, Teagasc Food Research Centre, Ashtown, Dublin, Editor, Journal of Food Processing and Preservation Wiley
- **International Webinar** "Creating Bubble containing Food Structures" on 22nd June 2021 presented by Professor Keshavan Niranjana Professor of Food Bioprocessing, Department of Food and Nutritional Sciences, University of Reading, Reading RG6 6AP (UK)
- **International Webinar** "Advances in Processing of Fermented Dairy Products" on 24<sup>th</sup> June 2021, presented by Dr. Richard Ipsen, Professor Emeritus, University of Copenhagen, Denmark.



### **Conducted trainings & talks:**

- Talk on Ten News Live, Show Name "Kya Baat Hai", Panelist, Topic Menopause on 10<sup>th</sup> July 2020
- "Sensitization and capacity building of Anganwadi workers on Kitchen gardening /potted plants and demonstration of low cost recipes for first 1000 days of life" on 16<sup>th</sup> September, 2020 presented by Dr. Rupa Upadhyay, Dr. Pooja Raizada, Dr. Lalita Verma and Mrs. Prachi Shukla, Faculty, Lady Irwin College.
- Presenter/Resource person for the webinar on "Sensitization & Capacity Building of AWW on Rashtriya Poshan Maah" on 16<sup>th</sup> September 2020, Organized by Department of Food and Nutrition, Lady Irwin College
- Resource person for Skill Enhancement Workshop I on " BASIC FIRST AID "organized by HDCS Department , Lady Irwin College 25<sup>th</sup> September 2020
- Resource person/trainer for "Methods of Sanitation and Hygiene" Activity conducted for the Housekeeping staff on 28<sup>th</sup> September, 2020 to celebrate Poshan Maah 2020.
- Resource person for Skill Enhancement Workshop I & II on "BASIC FIRST AID" organized by B. Ed Department. Lady Irwin College on 6<sup>th</sup> & 10<sup>th</sup> October 2020
- Resource person for Skill Enhancement Workshop II on "BASIC FIRST AID" organized by HDCS Department , Lady Irwin College 9<sup>th</sup> October 2020
- Organized and Moderated an Online webinar on the topic "Women's health, physiology, knowledge and best practices" this was in association with Indian Society of Colposcopy and Cervical Pathology on 23<sup>rd</sup> February 2021
- Coordinator for "Food Safety Management System" 5 day training course conducted from 27<sup>th</sup> March, 2021 for students.
- Panelist for a panel discussion: Developments in COVID care in the fields of medicine, antibody tests and female health" organized by JAIN WELLNESS & COVID CARE, 13<sup>th</sup> June 2021

### **Dr. Lalita Verma**

- Resource Person on topic "Kuposhan se jang hai zaruri: Poshan ke paanch aadhar" during Poshan Maah at NIEPID (National Institute for the Empowerment of persons with Intellectual Disabilities )
- Workshop Conducted on Sensitisation and capacity building of Aganwadi workers on Kitchen gardening /potted plants and demonstration of low cost recipes for first 1000 days of life during Poshan Maah 2021 at Department of Women and child welfare .
- Resource Person on "Nutritional Requirements during first 1000 days" for Aganwadi workers at Department of Women and child welfare .
- Resource Person in State level district resource person online training on "Details of Various Food processing operations and requirements for food industry"
- Organised Seminar on dietary diversification: imperative for attaining good health immunity at Lady Irwin College.
- Organised webinar on Organiser in Role of quality indicators to improve nutrition care process at Lady Irwin College.

### **Ms. Prachi Shukla**

- Resource person in training District Level Resource Persons on "Details of various food processing operations & requirements for food industry" on 16<sup>th</sup> June 2021
- Resource person in workshop on "Sensitization and capacity building of Aganwadi workers on Kitchen gardening /potted plants and demonstration of low cost recipes for first 1000 days of life" on 16<sup>th</sup> Sept 2020

### **Dr. Priti Rishi Lal**

- Convenor: Webinar On "Nutrition for Children and Adolescents in competitive Sports" 14 March 21



## Dr. Shailly Nigam

- Talk given on "Communicating in Science" on 25<sup>th</sup> January at Jaypee Institute of Information and Technology, Nodia.

## Dr. Aparna Agarwal

- "Anti-ageing realm-Tapping molecular mechanisms for development of nutraceuticals" on July 28<sup>th</sup>, 2020 presented by Dr. Sonam Chawla, Assistant Professor, Dept. of Biotechnology, Jaypee Institute of Information Technology
- "Packaging of Food: Trends and Prospects" on 30<sup>th</sup> July, 2020 presented by Dr. R.K.Jain, Technical Expert, United Nation Industrial Development Organisation, Former Director & Scientist G, Central Pulp & Paper Research Institute
- "Traceability and Recall in Foods" on 1<sup>st</sup> October, 2020 presented by Dr. Ashutosh Upadhyay, Professor, Department of Food Science & Technology and Dean Academic, NIFTEM
- "Green Perspectives in Food Processing" on 15<sup>th</sup> Oct, 2020 presented by Dr. H N Mishra Professor I/C & Nodal Officer, Agri Business Incubation Centre Professor of Food Technology, Agricultural and Food Engineering Department, IIT Kharagpur
- **International Webinar** "Novel Technologies for Sustainable Food Systems" on 17<sup>th</sup> October, 2020 presented by Dr. Brijesh K. Tiwari, Principal Research Officer, Teagasc Food Research Centre, Ashtown, Dublin, Editor, Journal of Food Processing and Preservation Wiley
- "Career opportunities in Food Science and Technology" on 6<sup>th</sup> Feb, 2021 presented by Mr. Sanjeev Kumar Sharma, Mondelez India, Entrepreneur, Author
- **International Webinar** "Creating Bubble containing Food Structures" on 22<sup>nd</sup> June 2021 presented by Professor Keshavan Niranjana Professor of Food Bioprocessing, Department of Food and Nutritional Sciences, University of Reading, Reading RG6 6AP (UK)

## Workshops

- "Skill Enhancement in Resume Writing, Participating in Group Discussions and Facing Interviews" on 20<sup>th</sup> February, 2021. Resource person- Mr. Bhupinder Negi, Head, HR VFS Global for North and East India, Nepal, Bangladesh, Israel, Bhutan and Palestine.
- "Attempting Open book exams" on 9<sup>th</sup> Dec and 10<sup>th</sup> December, 2020 for undergraduate and post graduate students giving online exams for the first time. Resource persons- Ms. Bhavya Sachdev and Ms. Divya Aggarwal.

## Trainings

- "Methods of Sanitation and Hygiene" was conducted for the Housekeeping staff on 28<sup>th</sup> September, 2020 to celebrate Poshan Maah 2020.
- "Food Safety Management System" 5 day training was conducted from 27<sup>th</sup> March, 2020 for students.
- Internal Auditor training was conducted from 27<sup>th</sup> March, 2020 for students.
- Food Safety Supervisor Trainings for Basic Manufacturing, Basic and Advanced Catering plus Food Hygiene and Food Safety Guidelines during COVID-19 Pandemic for various undergraduate and postgraduate students of University of Delhi and other Institutes and Colleges under FoSTaC initiative of FSSAI.
- Convenor for World Food Day Celebrations
  - Intercollege Case study competition was conducted
  - Intercollege Videography competition was conducted
  - Intercollege competition on head over meals
- Convenor Industrial Virtual Tour to Yakult Danone India Private Limited



### **Dr. Dipesh Aggarwal**

- Conducted 12 trainings on Food Safety Supervisor under the FoSTaC, FSSAI for different Food Industries and trained more than 300 people.

### **Dr. Nidhi Jaiswal**

- Webinar conducted on "Nutrition Requirements in extreme climatic conditions". Speaker: Dr. Som Nath Singh, DIPAS on 7th August 2020 by Department of Food and Nutrition, Lady Irwin College (Organising team members: Dr. Pulkit Mathur, Dr. Nidhi Jaiswal and Dr. Neha Bakshi).
- Webinar conducted on "Sensitisation and capacity building of Anganwadi workers for Kitchen gardening and importance of Nutrition in first 1000 days of life". Speaker: Dr. Rupa Upadhyay, Dr Pooja Raizada, Dr. Lalita Verma and Mrs. Prachi Shukla on 16 th September, 2020 by Department of Food and Nutrition, Lady Irwin College (Organising team members: Dr. Lalita Verma, Mrs. Prachi Shukla, Dr. Nidhi Jaiswal and Dr. Poonam Singh).
- Webinar conducted on "Challenges in Facility Based Care Management of Children with Severe Acute Malnutrition". Speaker: Ms. Anuja Agarwala, Senior Dietician, Department of Pediatrics, AllMS, New Delhi on 22nd September, 2020 by Department of Food and Nutrition, Lady Irwin College (Organising team members: Dr. Ravinder Chadha, Dr. Nidhi Jaiswal, Dr. Swati Jain and Dr. Dipesh Aggarwal).

### **Dr. Swati Jain**

- Organized a webinar - "Challenges in facility based care management of children with severe acute malnutrition" on 22nd Sept'21.
- Organized an Intercollege video competition "Quick, Easy, nutritious chutneys and dips for "Every Reason and Season" during the Poshan Maah Celebrations Sept' 2020.

### **Dr. Neha Bakshi**

- Coordinated a webinar on Electronic Meal Ordering System: Leading Edge For Diet Management In Hospitals on 06.08.2020
- Organized a webinar on Nutrition Management Of Covid 19 Patients At Multiple Stages Of Disease' on 27.08.2021
- Coordinated a webinar on Gestational Diabetes Mellitus- Current Perspectives And Challenges on 19.09.2020
- Coordinated a webinar on Nutrition Requirements In Extreme Climatic Conditions on 07.08.2020
- Interactive Workshop on "Nutrition from locally available food for adolescent and school children" organized by Magic Bus India foundation on 7th April 2021.

### **Dr. Anjani Bakshi**

- Organized a webinar on Electronic Meal Ordering System: Leading Edge For Diet Management In Hospitals on 06.08.2020
- Coordinated a webinar on Nutrition Management Of Covid 19 Patients At Multiple Stages Of Disease' on 27.08.2021
- Organized a webinar on Gestational Diabetes Mellitus- Current Perspectives And Challenges on 19.09.2020

### **Dr. Kanika Agarwal**

- Agarwal K and Agarwal I. Family Health Survey Reveals Rising Prevalence of NCDs in India. Outlook Poshan Jan 2021.

### **Dr. H. Memthoi**

- National Level Resource Person- Online Training for Sirmaur District Level Trainers on Fruit and Vegetable Processing with Emphasis on Ginger and Garlic (ODOP), 2021, PMFME Scheme



- National Level Resource Person- Online Training for State Level District Training on Milk ODOP, 2021, PMFME Scheme, New Delhi
- National Level Resource Person- Online Training for District Level Trainers on Bakery and Confectionery Processing, 2021, PMFME Scheme, New Delhi

### **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.
- 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.
- Member, Organizing Committee in the webinar on "Resume Writing and Excelling Job Interviews" organized by Department of Food and Nutrition, Lady Irwin College on 31<sup>st</sup> July, 2021.

## **DEPARTMENT OF HUMAN DEVELOPMENT AND CHILDHOOD STUDIES**

### **Honours & Distinctions**

#### **Dr. Shraddha Kapoor**

- Invited Facilitator - Finding common ground- International SRCD Workshop - Strengthening the Evidence Base for Culturally Relevant Interventions in Early Childhood Care And Education 8th November 2020
- Chair - Gender Disparity, Unfolding the potential of women and girls: enhancing the potentials exponentially for one and All, National Conference, 27.3.21., UGC funded

#### **Dr. Priti Joshi**

- Board member and resource support for Early Childhood Education, KK Foundation, (a State level NGO) Faizabad, UP, June 2019- present
- Member, Institutional Ethics Committee, Public Health Resource Network, New Delhi, 2017-present

### **Researches/Projects**

#### **Dr. Shraddha Kapoor**

Senior Project Coordinator, ECCE, responsive parenting, UNICEF, 34 Lakhs, Major Project.

### **Edited Books**

#### **Dr. Dolly Florence**

- Sachdeva, P., Murmu, D.F., & Sakshi.(2020) *Basic Sociology*. Elite Publishing House, New Delhi.

### **Chapters in books**

- Chaudhary, N., Kapoor, S. & Pillai, P. (2020). Early learning and holistic development: Challenges, prospects, and way forward. In *State of the young child in India*. Mobile Creches, New Delhi.
- Joshi, P. (2020). India's demographic dividend: addressing the challenge of poverty in educating adolescents (pp. 59-79). In M. Watzlavik & A. Burkholder (Eds), *Educating Adolescents Around the Globe (Culture and Education Series)*. Switzerland: Springer International. ISBN: 978-3-030-37900-1
- Kapoor, S. (2021). Women in Kerala: A Commentary. In, A. Palackal, N. Chaudhary, & P. Marsico (Eds.), *Making Distinctions: Towards A Social Science of Inclusion*. (Series Editor, J. Valsiner) Advances in Cultural Psychology. Charlotte, NC: Information Age.



- Konwar, D. (2021). Development of "Identity" among Adolescent Girls in a Gujarati community, Delhi. In, A. Palackal, N. Chaudhary, & P. Marsico (Eds.), *Making Distinctions: Towards A Social Science of Inclusion*. (Series Editor, J. Valsiner) Advances in Cultural Psychology. Charlotte, NC: Information Age.
- Rangila D. (2020). Addressing classroom diversity through storytelling. In D. Joshi, S. Chabra, & I. Duttta (Eds.), *Diversity in Education: Learning in a world of Differences* (1st ed., pp. 100-115). Bookman. ISBN: 978-93-90154-33-3

### **Papers in journals**

- Dev, P., & Joshi, P. (2021). Mothers' beliefs about young children's literacy and language learning at home. *Education India Journal: A Quarterly Refereed Journal of Dialogues on Education*, 10(1), 394-406. ISSN 2278-2435. UGC CARE LIST (Group-I)
- Joshi, P. (2021). Partnering with Indigenous communities to develop an equitable early childhood education curriculum in Odisha, India. *Asia-Pacific Journal of Research in Early Childhood Education*, 15(1), 9-27. ISSN: 1976-1961. Scopus index. UGC CARE LIST (Group-II)
- 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). 7-10. ISSN 2349-5464
- Sharma S., Bhargava V. & Yadav A. (2020). Child Adoption by Single Males in India: Perceptions and Experiences. *Shodh Sarita*. 7 (28), 143-148.

### **Papers presented in seminars or conferences**

- Florence, D. (2021). Significance of Baha festival among Santhal of Jharkhand 9th Dec 2021 paper presented in national seminar on "Learning and Unlearning Tribal Culture."
- Joshi, P. (2020). Holistic Development of Pre-School and Primary Children under NEP, Presentation as a panellist, UGC sponsored, organised by Aditi Mahavidyalaya, University of Delhi National Conference, 27 March, 2021
- Kapoor, S. (2020). Invited Speaker - Under the flyover - Workshop on Children and Poverty: Causes, Contexts, and Consequences. A Focus on Interventions in SRCD International conference 8th November 2020
- Kapoor, S. (2021). Co speaker Changing Children's world: A review of current perspectives, risks and protective factors Unfolding the potential of women and girls: enhancing the potentials exponentially for one and All National Conference 27.3.21, UGC funded
- Kaur, C. & Rangila, D. (2021). 'Exploring identity formation of Sikh adolescents: Role of peers at UGC sponsored one day national conference on 'Unfolding the potential of women including girls and children: enhancing the benefits exponentially for one and all- Sabka Saath-Sabka Vikas' organized by Aditi Mahavidyalaya, University of Delhi on March 27th, 2021.
- Kaur, J., Bhardwaj, S. & Rangila, D. (2021). At the margins: Spotlight on perception and acceptance of Transgender Individuals at UGC sponsored one day national conference on 'Unfolding the potential of women including girls and children: enhancing the benefits exponentially for one and all- Sabka Saath-Sabka Vikas' organized by Aditi Mahavidyalaya, University of Delhi on March 27th, 2021.
- Konwar, D. (2021). Paper presented "Cash Transfers for Social Equality- Experience in India" at XVI International Conference on Public Policy and Management, organised by IIM, Bangalore, 24th August, 2021

### **Students awarded Ph.D.**

#### **Dr. Shraddha Kapoor**

- Pooja Maggu, 2014, Happiness at School: Exploring children's educational experience



## ***Students pursuing Ph.D.***

### **Dr. Shraddha Kapoor**

- Bhavna Negi, 2017, Contextualizing Childhood and Child Rights in Indian families
- Nidhi Marothiya, 2019, Child Abuse in Uttarakhand: Perceptions among 14-17 year old

### **Dr. Priti Joshi**

- Yatika Arya, 2017, Early literacy learning: Experiences of children and teachers in school
- Pranjali Dev, 2017, Literacy at home: parental practices and children's experiences during early childhood year

### **Dr. Punya Pillai**

- Kalpana Jamwal, 2014, Symbolic Development and Scale Estimations in Young Children
- Deepa Gupta, 2017, Young Children's Prosocial Behaviour in Multiple Caregiver Home Settings

## ***Consultancy***

### **Dr. Shraddha Kapoor**

- Editorial Consultant - Navtika Journal of Early Childhood Education

### **Dr. Pooja Srivastava**

- Parenting for maple bear preschool

### **Ms. Manisha Goel**

- Consultant, Modern Nursery School, Patiala- Staff Training and Curriculum Development August 2020- January 2021

## ***Outreach footprints (continuing education, services, workshops conducted, lectures taken)***

### **Dr. Shraddha Kapoor**

- Exploring home environment using H.O.M.E. – An appraisal, Invited for Workshop for Students of Advanced Diploma in Child Guidance and Counselling, NIPCCD, 24th February 2021.

### **Dr. Dolly Florence**

- Co Chair national conference on Anthropology of Food 2020

### **Dr. Savita Sagar**

- Refresher Course Human Rights, Mysore (from 18.02.2021 to 03.03.2021), University of Mysore
- Refresher course in Global Studies (IDC) (08.03.2021 to 20th March, 2021) JNU, Delhi

### **Dr. Dimple Rangila**

- Resource Person to teach 'Storytelling and Children's Literature' practicum at Shyama Prasad Mukherjee College, University of Delhi.
- Invited lecture on 'Representation of disability in children's literature' for a certificate course in 'Decoding Disability in Children' organised by the Dept. of HDFE of Janki Devi Memorial College and Aditi Mahavidyalaya, University of Delhi on March 2nd, 2021.
- Expert for a tool validation workshop of an ICSSR funded project on 17th March, 2021.
- Invited lecture on 'Using Storytelling as a pedagogy for teaching Social Sciences' as part of Online Training Programme on 'Emerging Trends in Pedagogy of Social Sciences' under PMMMNMTT, Ministry of Education, Government of India organised by School of Education, Central University of South Bihar, Gaya, on March 20th, 2021.



### **Dr. Ritu Juneja**

- Run a project for supplemented education for school going girls from economically disadvantaged families

### **Dr. Ridhi Sethi**

- Invited as a Resource Person for Lecture on “Reflections on Childcare in a Pandemic: The Indian Story for students of B.Voc ECCME programme, School of Vocational Studies, Ambedkar University, June 2021.

### **Dr. Dipjyoti Konwar**

- Invited as a Resource person to a workshop on Maternal Infant and Young Child Nutrition (MIYCN) and Early Childhood Development (ECD) for the officials of Social Work and Health department of Udalguri district on 22nd January 2021 through online mode. By Tezpur Central University, Assam

## **DEPARTMENT OF FABRIC AND APPAREL SCIENCE**

### ***Honours & Distinctions***

#### **Dr. Simmi Bhagat**

- Moderated three public lectures organised by Textiles and Clothing Research Centre in April-June 2021.
  - Traditional Aal Dyeing and Handloom weaving of Kotpad by Prof. Sudha Dhingra, Textile Design Department, NIFT, Delhi and Member, TCRC.
  - My Journey in the world of Indigo by Dr. Padmini Balaram, Textile Designer & Researcher, Professor of Design at Silpa- Sadana, Visva- Bharati
  - Textile Conservation: Infusing life, one colour at a time by Ms. Deepshikha Kalsi, Founder, Textile Conservation Studio. Member, TCRC.

#### **Dr. Seema Sekhri**

- Editorial Board Member, International Journal of Home Economics
- Invited as Speaker for talk: Appreciation of Indian Sarees, LBC, 8th Oct. 2020.

#### **Dr. Madhuri Nigam**

- Designated Expert - One Planet Network, United Nations Environment Program
- Member, Advisory Board - World Apparel & Footwear Life cycle Database, Quantis, Switzerland.

#### **Dr. Sheetal Chopra**

- Subject expert (as member DRC) for Ph.D Oral Defense Examination (Viva-Voce) of Ms. Koshalpreet Kaur of School of Fashion and Design, G. D. Goenka University, Gurgaon on 10th June 2020
- Member, Organising Committee, five-day online workshop on “MOODLE LMS” from 20th-24th July 2020 organised by IQAC, Lady Irwin College
- External examiner for the Jury of “Workshop” & “Research Methodology” of Semester I, M.Des-Fashion Technology, end term examination on 12th Feb 2021 for Amity School of Fashion Design & Technology, Amity University, Mumbai
- Member, Editorial Board, National Journal of Environment and Scientific Research since July 2021

#### **Dr. Manpreet Chahal**

- Subject expert (as member DRC) for Ph.D Oral Defense Examination (Viva-Voce) of Ms. Ananya Mitra Pramanik of School of Fashion and Design, G. D. Goenka University, Gurgaon in November 2020.
- Participated as an expert in the Working Group Meeting (Online) organized by PSS Central Institute of Vocational Education, NCERT, Bhopal for development of student textbook of class 11 for the



job role 'Assistant Fashion Designer' under Apparel Made-ups and Home Furnishing Sector from 6-10th July 2020.

- Participated as an expert in the Working Group Meeting (Online) organized by PSS Central Institute of Vocational Education, NCERT, Bhopal for review of student textbook of class 11 for the job role 'Assistant Fashion Designer' under Apparel Made-ups and Home Furnishing Sector from 27-28th August 2020.
- Participated as an expert in the Working Group Meeting (Online) organized by PSS Central Institute of Vocational Education, NCERT, Bhopal for development of student textbook of class 12 for the job role 'Assistant Fashion Designer' under Apparel Made-ups and Home Furnishing Sector from 1-5th December 2020.

## 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.

## Edited Books

- Sekhri, S. (2020). *Textbook of Fabric Science: Fundamentals to Finishing*, 3<sup>rd</sup> Edition, Prentice Hall of India, New Delhi. ISBN 978-938-9347296.

## Published Book Chapters

- Anand, A. & Sekhri, S. (2020) Conscious Route to Promote Sustainable Traditional Indian Textiles, *Inclusion for Learning*, pp 13-30, ISBN 978-81-951998-7-7, Kanishka Publishers, New Delhi.
- Atiq, S., Bhagat, S. and Pandey, S. (2020). Exploring the use of Agar gel for localised wet cleaning; Application in Textile Conservation, *Warp and weft of textiles and clothing*, Coimbatore isbn 978-9385604-10-2
- Sharma A, Bhagat S and Suri M (2020). Napasar: an approach to sustainable livelihood, *Social entrepreneurship and sustainable development*, Routledge Taylor and Francis Group, London and New York ISBN 978-0-367-67433-5
- Sharma A., Bhagat S and Suri M. (2020). Journey of Camel hair: specially hair fibre from futile to richness, *Warp and werft of textiles and clothing*, Coimbatore ISBN: 978-9385604-10-2.

## Published Papers

- Agarwal, K. and Sekhri, S. (2021). Textile recycling: A sustainable solution to environmental pollution. *Indian Journal of Environmental Protection*, 41(5):568-574. ISSN:0253-7141.
- Agrawal, A. and Chopra, S. (2020), Sustainable dyeing of selected natural and synthetic fabrics using waste teak leaves (*Tectona Grandis L.*). *Research Journal of Textile and Apparel*, Vol. 24 (4), pp. 357-374. <https://doi.org/10.1108/RJTA-05-2020-0046>, ISSN: 1560-6074 (Publication date 5th August 2020).
- Bhatia, A, Bhagat, S. and Mathur, R. (2020). Aurangabad architecture: A design inspiration for Himroo textiles. *The Indian Journal of Home Science*, July 2020, vol 32, no 2, Home Science Association of India, ISSN: 09702733.
- Bhatia, K., Suri, M and Bhagat S, (2020). Effect of fabric construction on the longevity of aged cotton fabric. *International Journal of Engineering Research and Applications*. Sept vol 10 issue 9. ISSN: 2248-9622
- Gupta S., Rastogi D. and Mathur R. (2021) An assessment of environment friendly methods of khadi manufacturing. *Indian Journal of History of Science*, DOI 10.1007/s43539-021-00003-3. ISSN 0019-5235



- Gupta S., Rastogi D. and Mathur R. (2021) Socio-Economic Rise of Spinners and Weavers in Rural India: Empowerment through Khadi. *Punjab University Research Journal (Arts)*, Vol XLVIII (No 1) ISSN 0970-5260
- Princy R., and Chopra, S., (2021): Extraction and Characterization of Inherently Antimicrobial Fibres from Aerial Roots of Banyan Tree. *Journal of Natural Fibers*, DOI: 10.1080/15440478.2021.1905586 (Published on 29th April 2021).
- Raheja, R., Bhagat, S. and Rohilla P. (2020). A study of selected consolidants for the conservation of velvet artifacts. *The Indian Journal of Home Science*, July 2020, vol 32, no 2, Home Science Association of India, ISSN: 09702733. *Research Journal (Arts)*. Volume XLVIII (No 1). ISSN 0970-5260.
- Sethi.S. (2021) Optimization of Washing Process Parameters for Ultrasonic Cleaning. *Journal of Textile Association*.
- Sethi.S. and Goyal.N. (2021) Role of Emotional Intelligence: Coping strategies for students during pandemic Covid 19. *Journal of Education (MERI)*.
- Sharma.S. and Sethi.S. (2021)Prêt Garments: Clothing Preferences and Problems of Elderly. *The Indian Journal of Home Science*.

### **Other Publications**

- Gupta, N. and Sekhri, S. (2020). Hygiene aspects of domestic laundry, Children's World Magazine, CBT Publication, New Delhi. December, Pp. 14-15.
- Gupta, N. and Sekhri, S. (2020). The tale of laundry washing – Efficient drying of garments, Children's World Magazine, CBT Publication, New Delhi. October, Pp. 14-15.
- Gupta, N. and Sekhri, S. (2020). The tale of laundry washing –Reuse the waste water, Children's World Magazine, CBT Publication, New Delhi. September, Pp. 14-15.
- Gupta, N. and Sekhri, S. (2020). The tale of laundry washing – choosing the right temperature of wash, Children's World Magazine, CBT Publication, New Delhi. August, Pp. 14-15.
- Gupta, N. and Sekhri, S. (2020). The tale of laundry washing – deciding the detergent dose, Children's World Magazine, CBT Publication, New Delhi. July, Pp. 14-15.
- Gupta, N. and Sekhri, S. (2020). Be laundry wise: Do's and don'ts to prevent spread of Covid 19 through laundry. *Keemat*, Vol. 49, No. 4, Pp.15 [W/W/W document]. URL <http://cgsiindia.org/wp-content/uploads/2020/07/Keemat-July-August-2020.pdf>

### **Papers presented in Seminar/conference/workshops/training**

- Rastogi, D., Jain A. and Negi, N. Development of Mosquito Repellent Finish for Textiles using Neem Oil, International Virtual Conference on Sustainability in Fashion Design and Manufacturing, Department of Fashion Technology, PSG College of Technology, Coimbatore, 11-12 June 2021.

### **Students awarded Ph.D.**

#### **Dr. Simmi Bhagat**

- Sonal Gaur. (2013). Study On The Revival of Mendh Printing Craft of Rajasthan
- Divya Singhal. (2013). Zari in Silk Brocades: Cleaning for Conservation
- Sakshi Kalra. (2015). A Study on Extraction and Application of *Grewia optiva* (Bhimal) Fibres in Textiles.

### **Students pursuing Ph.D.**

#### **Dr. Simmi Bhagat**

- Andleeb Fatima, (2016), Islamic Costumes
- Shaista Atiq, (2019), Study of Ankh fibre extracted from *Calotropis Gigantea*: A revival Story
- Radhana Raheja, (2019), Conservation of Warak printed textiles.



### **Dr. Seema Sekhri**

- Ashima Anand, (2019), Generating awareness about selected Indian textiles among urban youth

### **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), Cotton Khadi: Problems and Prospects
- 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. Deepali Rastogi**

- Ruchira Agarwal, (2016), A study on dyeing of silk with reactive dyes
- Shruti Gupta, (2016), Cotton Khadi: Problems and Prospects
- Priya Gautam, (2019), A study on Wool Khadi: Problems and Prospects

### **Dr. Sabina Sethi**

- Garima Malik, (2019), Expanding horizons of Gond paintings – From tribes to international market.
- Princy Rana, (2021), An exploratory study on extraction of fibres from grapevine shoots.
- Vibha Yadav, (2021), Organizational life cycle assessment of textile manufacturing unit/s.

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

### **Dr. Simmi Bhagat**

- 7 months Training of 2 Candidates with special needs in embroidery skills for International Abilympics held in 2021.

### **Dr. Seema Sekhri**

- With an aim of creating awareness towards environmental pollution and sustainable laundry practices, ten Stories published in Children's World Magazine, CBT Publication, New Delhi.

### **Dr. Deepali Rastogi**

- Module on Research Methodology for PhD Students, NIFT, Jan-Feb 2021.
- Module on Research Methodology for PG-Design Students, Pearl Academy, Delhi, Aug-Sept 2020.
- Jury Member, Research and Innovation Module for PGAD(FT) year 2 students, Nov 2020.
- External Examiner for PHD Thesis, Nirmala Niketan, University of Mumbai.
- External Examiner for PHD Thesis, Maharana Pratap University of Agriculture and Technology, Udaipur

### **Ms. Ashima Anand**

- Organised Webinar- "Hunar of Hands... THE HANDLOOMS" to celebrate 7th National Handloom Day, August 7, 2021. Purpose: To educate the participants about varied textiles from India, and encourage them to adopt and sustain textile traditions.

## **DEPARTMENT OF DEVELOPMENT COMMUNICATION & EXTENSION**

### ***Awards***

### **Dr. Archana Kumar**

- Best Oral presentation award to Shweta Vij doctoral student by Home Science Association of



India during its 33<sup>rd</sup> Biennial Conference held at Coimbatore, Tamil Nadu, in January 2020 for research paper based on doctoral research.

#### **Dr. Sarita Anand**

- Best paper presentation award at the National Webinar on Paradigm Shift in Home Science Education organised by Home Science Association of India (Kerala Chapter), February 18-20, 2021, Akshay, Pooja. and Anand, Sarita for the paper titled 'First 1000 Days of opportunity and vulnerability: Glimpses from Mewat, Haryana, India'
- Best paper presentation award at the National Workshop on Gender Issues and Atamnirbhar Bharat, organised by Central University of Agriculture, Imphal, Manipur, October 15-17, 2020, Zingkhai, Masot. and Anand, Sarita for the paper titled, 'Women Food vendors of Tribal Manipur: Role of Agricultural Marketing'.
- Best Oral Presentation Award for the paper, Akshay, P. and Anand, S., First 1000 days of opportunity and vulnerability: Glimpses from Mewat, Haryana, India, National Webinar on Paradigm Shift in Home Science Education, 2021, Home Science Association of India (Kerala Chapter)
- Best Oral presentation award for the Paper, 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, 2020, October IDP-NAHEP Central Agricultural University, Imphal.

#### **Dr. Aparna Khanna**

- Awarded Best Poster to Arushi Srivastava and Aparna Khanna for presentation of a study titled 'Role of Mohalla Clinics in providing primary health care: A study in Delhi' at the National webinar on Paradigm Shift in Home Science Education organised by the Home Science Association of India, (Kerela) on 20th February 2021.

#### **Dr. Shweta Vij**

- Awarded the Anupa Sahi Gold Medal for exemplary work in PhD in Home Science, March 2021. Awarded Best Oral Presentation Award for the paper titled " Handholding the Chords of Change: Zeroing on the power of Participation and Participatory Communications in Empowerment, Case of Henvallvani Community Radio, Uttarakhand" in the 33<sup>rd</sup> Biennial Conference of HSAI held from 22-24 January 2020 at Coimbatore (Paper Presentation).

#### **Ms. Arushi Srivastava**

- Awarded Best Poster to Arushi Srivastava and Aparna Khanna for presentation of a study titled 'Role of Mohalla Clinics in providing primary health care: A study in Delhi' at the National webinar on Paradigm Shift in Home Science Education organised by the Home Science Association of India, (Kerela) on 20th February 2021.

### ***Honours & Distinctions***

#### **Dr. Archana Kumar**

- Guest Speaker for 3 part Lecture series for IIS officers training at IIMC Feb 2020.
- Invited to be a board member of Business and Community Foundation, India.
- Invited Thematic speaker at World Sustainable Development Summit WSDS 2021 New Delhi on Feb 10 2021 Title Behaviour Change Communication & Air Pollution
- Invited Expert for Evaluation Reference Group for the UNICEF Evaluation of BRIDGE Inter-personal Communication Training Programme , Skills Training in Routine Immunization for FHWs
- Expert, Review M&E proposal and monitor progress , Evaluation Reference Group ERG meeting for formative evaluation of communication processes used for National Measles Rubella vaccination programme.
- Invited Expert for review of PG Diploma in Development Communication Curriculum, IGNOU
- Invited Expert for review of curriculum, Meeting with VC, Delhi University.



## Dr. Sarita Anand

- Invited to be a member of the Advisory Group of the Department of Gender Studies, NCERT, Delhi, November, 2020.
- Invited to speak at the national Webinar on Women's leadership times of Covid-19 , jointly organised by Friedrich Ebert Stiftung and Women Power Connect on 26th March, 2021.
- Member, Board of Studies, Faculty of Home Science, MSU, Baroda
- Advisory Committee Member, Department of Gender Studies, NCERT
- Reviewer, Media Asia Journal by Routledge, 2020
- Invited for Consultation on Gender and Life skills integrated curriculum for Madrasas of Bihar, organized by Faculty of Education of Jamia Milia Islamia for UNFPA supported project., December 2020
- Member, Curriculum Development Committee and course writer for an online course developed by NIOS in association with Commonwealth of Learning for secondary school teachers for certification as Gender Green Teachers, July 2020
- Member, Curriculum development committee and unit writer for Gender sensitisation curriculum developed by NCERT
- MA Development Communication, Subject Expert, Selection Committee, MCRC Jamia 18th to 20th November 2020
- Resource person for a webinar organised by WDC, Rajasthan University on Gender and Feminist Theories , September, 2020
- Resource Person for Live sessions for NCERT Class XI students on 'How to Communicate Effectively' and 'Media and Communication', 23rd July and 8th August, 2020
- Discussant, Digital safety and young women in India during COVID-19 pandemic organized by WPC with Friedrich Ebert Stiftung 25th September, 2020.

## Dr. Aparna Khanna

- Meeting with the Election Commission of India on 'Community Engagement Tools for Promoting Electoral Literacy: ELCs & Chunar Paathshalas' on 31st May 2021
- Invited as Eminent Speaker in the one day National webinar on Skill Development Opportunities in Home Science organised by Department of Home Science, Mahila Mahavidyalaya, Banaras Hindu University, Varanasi- 221005 held on 18th March, 2021
- Invited as Resource Person to deliver a lecture on Development Communication and Extension: New Approaches and Prospects on 19th February, 2021 under Gyan Ganga State Level Online Short Term Training program, an initiative of the Innovation and Skill Development Cell, "Initiatives for Teaching-Learning Excellence in Home Science (15-20th February, 2021) organised by Commissionerate College Education, Rajasthan, Jaipur and Department of Home Science, Government Meera Girls College, Udaipur
- Invited as Resource Person to deliver a lecture on ICT and Development Communication: Experiences of Community Outreach during COVID19 in a webinar titled 'Emerging Technology in New Media' organized jointly by SRM Institute of Science and Technology, College of Science and Humanities, Chennai, India, Department of Journalism and Mass Communication and Young Journalists' Association on Friday 19<sup>th</sup> March, 2021
- Invited as panelist to speak in a session titled 'Access to Mental Health Services (special focus on vulnerable communities) during pandemic' in a webinar on Mental Health: Let's Commit organised by FICCI, New Delhi on 14th October 2020
- Invited as a Resource Person to share experiences in a presentation titled 'Rights of Children: Using Interactive Tools and Strategies for Creating Awareness amongst
- Children and Caregivers during COVID-19' at the one day National Level webinar Role of CSOs and Media in Promoting Child Rights During Pandemic organised by Department of Journalism and Mass Communication & IQAC Asutosh College, Kolkata 700026 in Collaboration with WBCPCR on 19<sup>th</sup> September, 2020



- Invited as Resource Person in the International Webinar series 'Connecting the Dots' on Exploring New Approaches to Extension: #COVID-19 organised by UBA in association with IQAC, Extension Cell and NCC Unit, Government College for Women, Thiruvananthapuram, Kerala on 15th August 2020

### **Dr. Rupa Upadhyay**

- Invited speaker at a webinar on "Sensitisation and capacity building of Anganwadi workers on Kitchen gardening /potted plants and demonstration of low cost recipes for first 1000 days of life" organized by Department of Food & Nutrition, Lady Irwin College, University of Delhi, New Delhi during Poshan Mah on 16.9.2020
- Invited as a member of the Expert Group for the revision of the course "PHT-704 Postharvest Technology and Management of Spices, Plantation Crops, Medicinal & Aromatic Plants" for PG students of the Department of Horticulture-Post Harvest Technology, AMITY University, NOIDA.

### **Dr. Sunaina Dua**

Invited as Expert to address the webinar on "Nature & Scope of Communication" at Vivekanada College, University of Delhi, on 28th April, 2021.

### **Dr. Shweta Vij**

Invited as a Speaker for the Roundtable organized by GENSA, EvalYouth Pakistan and EvalYouth Srilanka during gLOCAL event to discuss on 'Building Capacity of Young Evaluators on Gender and Equity: Lessons from the Global South', June 2021.

### **Ms. Arushi Srivastava**

Invited as Expert to address the webinar on "Games for Communication" at Vivekanada College, University of Delhi, on 28th April, 2021.

## **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**

- Research project- PI, Roshni Centre of Women collectives led Social action, Technical support Unit, National Rural Livelihood Mission, Grant support -UNICEF, 53 lakhs

### **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.

## **Book**

Singhal, A & Anand, S. (2020) Let Every Child Be Wanted: Positive Deviance and Prevention of Unwanted Pregnancy in India (positively Deviant Series Book 2). Publisher: Positively AbundANT Collaborative, ISBN 978-93-88892-79-7.

## **Published Book Chapters**

- Akshay, P. & Anand,S. (2021). Socio-cultural impediments to mother's health seeking bahviour. In S. Neeru, J. Muzamil & B. Amit (Eds.), Women's health across the life span (pp. 21-34). New Delhi: Mittal Publication
- Anand, S. & Kumar, A. (2020). Handholding the Chords of Change: Zeroing on the power of Participation and Participatory Communications in Empowerment, Case of Henvavani Community Radio, Uttarakhand. In Women Led Empowerment. (Eds). N. Vasugi, S Rajalakshmi, T. Radha, M. Kasthuri & R. Arunachalam, Coimbatore: Shanga Varlag.



- Anand, S. & Singhal, A. (2021). Promoting Gender Equality: Policy and Action for Ensuring Survival and Education for the Girl child, Women and Diversity, (pp. 263-289). Serial Publishing House: New Delhi. ISBN 978-93-88892-79-7.
- Anand, S., & Kumari, A. (2021). Women lead the Process: Understanding how women are making local communities sensitive to Nutrition needs of women and Adolescent girls. In Gupta, K. (Ed.). Community Science and Sustainable Community Development. LAP LAMBERT Academic Publishing. ISBN: 978-620-4-19757-9.
- Anand, S., Batra, S. & Rajpal, M. (2021). Quality of Life of Older Women with Arthritis: A Research Perspective. In Aging with Dignity and Respect: A complete guide on Aging. Mahi Publications. (pp 100-113). ISBN: 978-93-91556-08-2
- Batra, S. & Anand, S. (2021). Improving Maternal Health Outcomes: Incentives as Catalysts. In S. Neeru, J. Muzamil & B. Amit (Eds.), Women's health across the life span (pp. 67-78). New Delhi: Mittal Publication
- Gupta, V. & Anand, S. (2020). Why we clean? A qualitative study to identify future behavior change interventions by understanding the hygiene motivations today. Development and well-being across lifespan. ISBN 978-9385604-11-9.
- Khanna, A. (2020). Belief in the Ballot. *Election Commission of India*. 189-193. ISBN 978-81-230-3240-5 ECI-ENG-OP-119-2019-20.
- Khanna, A. Sharma, A and Srivastava. A. (2020). Women & Diversity: Preparing Women to Lead in National Development. International Books & Periodical Supply Service. ISBN: 978-93-88892-79-7, E-ISBN: 978-93-88892-80-3
- Khanna, A. Srivastava, A and Sharma, A (2021). Aging with Dignity and Respect: A complete guide on Aging. Mahi Publications. ISBN: 978-93-91556-08-2
- Khanna, A., Sharma, A., & Hemlata. (2021). Use of Traditional Floor Games for Creating Awareness on Mental Health issues: A study in Delhi In Inclusion for Learning. Kanishka Publishers and Distributors. ISBN 978-81-951998-7-7.
- Khanna, A., Srivastava, A., & Sharma, A. (2020). Preparing Women to Lead in National Development: Challenges and Strategies. In N.S. Rathore, L. Vatta, & R. Ranawat (Eds.), *Women and Diversity* (pp. 353-366). Delhi, India: International Books & Periodical Supply Service.
- Kumar, A., Seth, M., Ichpilani P. & Anand, S. (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.
- Pooja. & Batra, S. (2021). 'Influencer Marketing on Instagram: The New Era of Social Media Marketing'. In Shruthi, S. Raghav, B. & Murugan V. (Eds.) Marketing in 2021. Pp 91-105. Archers & Elevators Publishing House. ISBN: 978-81-946245-1-6.
- Srivastava, A. and Singh, A. (2021). Reviving Humanity during Pandemic in India. Upnayan Publications. ISBN: 978-81- 949267-1-9.
- Zingkhai, M and Anand, S. (2020). Women food vendors of Tribal Manipur: Small scale Agricultural Marketing in B. Singh et al Ed e -book, National Workshop on Gender Issues and Atmanirbhar Bharat in Agriculture. ISBN 978-81-947184-1-3

### **Journal Publications**

- Akshay, P. and Anand, S. (2021). First 1000 days of opportunity and vulnerability: Glimpses from Mewat, Haryana, India. *Journal of Scientific Research*, 65(4), 34-40. doi:10.37398/JSR.2021.650406
- Anand, S. & Kumar, K. (2020) Exploring feminist public sphere through Hervalvani Community Radio: an empowerment through communication approach. *Media Asia June* 46(3),1-11. <https://doi.org/10.1080/01296612.2020.1767454> Publisher Taylor & Francis- Scopus Indexed DOI:10.47203/IJCH.2021.v33i03.020.



- Gupta, L., Lal, P.R., Gupta, Y., Goyal, A., Khanna, A., & Tandon, N. (2021). Formative research to develop self-management education and support (DSMES) program for adults with Type-1 Diabetes. *Diabetes and Metabolic Syndrome: Clinical Research and Reviews*. <https://doi.org/10.1016/j.dsx.2021.05.023>. ISSN 1871-4021.
- Gupta, V., and Anand, S. (2021). Why don't they do it? Handwashing barriers and influencer study in Faridabad district, India. *Perspectives in Public Health*. <https://doi.org/10.1177/17579139211003614>
- 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), 40(10), 1432-1436. ISSN: 2394-3114.
- Juneja ,S & Kumar, A (2021) Factors influencing Community Healthcare Worker's adoption of mobile health technology (mhealth): A case of sangini supportive supervision (sangini) app, Uttar Pradesh, India. *Indian Journal of Community Health* 33(3):519-522
- Khanna, A. & Srivastava, A. (2021). Role of Mohalla (Community) Clinics in Providing Primary Healthcare: A Study in Delhi. *Journal of Scientific Research*, 65(4), 29-33. DOI: 10.37398/JSR.2021.650405. ISSN 0447-9483.
- Krishnan, A., Balan, S., & Khanna, A. (2021). Developing Communication Tools for Creating Awareness on COVID-19 Pandemic Among School Going Children (6-12 YEARS). *Journal of Scientific Research*, 65(4), 18-22. DOI: 10.37398/JSR.2021.650403. ISSN 0447-9483.
- Kwatra, S., Kumar, A., Sharma, S., Sharma, P. (2021) Stakeholder participation in prioritizing sustainability issues at regional level using analytic hierarchy process (AHP) technique: A case study of Goa, India. *Environmental and Sustainability Indicators* 11(1). DOI: 10.1016/j.indic.2021.100116 Publisher Elsevier BV
- Makhija, S.; Upadhyay, R., Availability of food commodities through urban agricultural practices: a study in Delhi, *International Journal of Scientific and Engineering Research*. 2021, 12 (6): 1250- 1255.
- Sain, S., & Khanna, A. (2020). Training Needs Assessment: Importance and Relevance. *Studies in Indian Place Names*, 40(10), 1047-1053. ISSN: 2394-3114.
- 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. ISSN: 2394-3114.
- Sharma,R., Shukla, Sriram, D., Ramakrishnan, V., Kalaan, M., Kumar, A. (2020) Understanding the sociality of child marriage. *Development in Practice*,30 (5), 645-659. <https://doi.org/10.1080/09614524.2020.1718610> Publisher taylor & Francis- Scopus Indexed
- Sharma, V. and Anand, S., (2021). Knowledge and Practices related to Breastfeeding among rural women: A community- based study in Faridabad (Haryana) *The Indian Journal of Home Science*. Volume 33(1). ISSN 0970 2733 IHMSF-30 (1-254) 2021.
- Singhal, A. & Anand, S. (2020). Mitigating Domestic Violence and the Role of Protection Officers Under Domestic Violence Act: A Case of National Capital of India. Available at SSRN 3603601.
- Singhal, A. & Anand, S. (2020). Son's Preference and Daughters' Undesirability: Perceptions of School Going Girls. *The Indian Journal of Home Science*, 2(1), 23-31.
- Singhal, A. & Anand, S. (2020). Young Women are leading the change: An appraisal of conditional cash transfer schemes promoting girls' survival and education. *The Indian Journal of Home Science*, 32(2), 48-60.
- Tomar, D. and Upadhyay, R. (2020). Impact of polluted Yamuna water on the agricultural practices performed by the farming community (Delhi). *International Journal of Scientific and Engineering Research*. 11 (12): 1105- 1110.
- Wadhwa, A. & Anand, S. (2020). Inclusion of Socially Marginalized Adolescent Girls in Education: Role of KGBV Program. *Journal of Exclusion Studies*, 2231-4547.

### Other Publications

- Anand, S. & Batra, S. (2021). Enabling Social Change. Teacher Plus Magazine: Home Science Special. May-June 2021. Ajim Prem Ji University. Pp 58-61.
- Batra, S., Anand, S., Chadha, T.K. & Capila, A. (2021). Case Studies of Positively deviant individuals



related to family planning: A study in Delhi's resettlement colonies. Abstract published in Abstract Book of UGC National Conference on Unfolding the Potentials of Women including Girls and Children: Enhancing the Benefits Exponentially for One and All-Sabka Saath-Sabka Vikas organized by Aditi Mahavidyalaya, University of Delhi. Pp: 55-56

- Gupta, V., & Anand, S. (2021, March 27). Knowledge, attitude and practice of hand hygiene and its predictors: A school-based study in rural primary schools in Haryana, India [Conference presentation]. Abstract published in Abstract Book of UGC National Conference on Unfolding the Potentials of Women including Girls and Children: Enhancing the Benefits Exponentially for One and All-Sabka Saath-Sabka Vikas organized by Aditi Mahavidyalaya, University of Delhi.
- Khanna, A., & Sharma, A. (2021). Games for Engaging Conversations on COVID-19 and promoting mental health amongst young women: Experiences from Virtual classrooms. Abstract published in Abstract Book of UGC National Conference on Unfolding the Potentials of Women including Girls and Children: Enhancing the Benefits Exponentially for One and All-Sabka Saath-Sabka Vikas organized by Aditi Mahavidyalaya, University of Delhi.

### **E-Content Developed**

#### **Dr. Archana Kumar**

- Block 2 Media & Development, Course writer of module Unit- 7 Social and behaviour change communication, <http://egyankosh.ac.in//handle/123456789/57206>, Quadrant 2 & 3 Masters in Journalism and Mass Communication IGNOU School of Journalism and New Media Studies 2019-20
- Editor Block 3 Media and Contemporary Issues I, <http://egyankosh.ac.in//handle/123456789/59666>, Quadrant 2 & 3 Block has eight modules Masters in Journalism and Mass Communication IGNOU School of Journalism and New Media Studies 2019-20
- Editor Block 4: Media and Contemporary Issues II, <http://egyankosh.ac.in//handle/123456789/59667>, Quadrant 2 & 3 Block has eight modules Masters in Journalism and Mass Communication IGNOU School of Journalism and New Media Studies 2019-20

#### **Dr. Sarita Anand**

- Anand, S. & Batra, S. (2021). 3 Quadrants for the ARPIT Professional Development of Home Science Faculty on Developing media for mobilizing women groups
- Anand, S. & Batra, S. (2021). 4 Quadrants for the ARPIT Professional Development of Home Science Faculty on Understanding Social & Behaviour Change Communication: Transtheoretical Model .
- Gaur, R. & Anand, S. (2021) Unit 1: Understanding Gender, under Module 1 of Gender for Gender Green Teacher Course by NIOS.
- Batra, S. & Anand, S. (2021). Unit 3: Indicators of Gender Inequality, under Module 1 of Gender for Gender Green Teacher Course by NIOS.

#### **Dr. Ruchi Gaur**

- Gaur, R. & Anand, S. (2021) Unit 1: Understanding Gender, under Module 1 of Gender for Gender Green Teacher Course by NIOS.

#### **Dr. Sunaina Dua**

- Anand, S. & Batra, S. (2021). 3 Quadrants for the ARPIT Professional Development of Home Science Faculty on Developing media for mobilizing women groups
- Anand, S. & Batra, S. (2021). 4 Quadrants for the ARPIT Professional Development of Home Science Faculty on Understanding Social & Behaviour Change Communication: Transtheoretical Model .
- Batra, S. & Anand, S. (2021). Unit 3: Indicators of Gender Inequality, under Module 1 of Gender for Gender Green Teacher Course by NIOS.



## **Papers Presented in Seminars/Conferences**

- Anand, S. (2020). Gender Budget Analysis in Adolescent Girls' Education: Evidence from Kasturba Gandhi Balika Vidyalayas in Rajasthan. International Conference on Gender Equity: Challenges and Opportunities, Sardar Vallabhbhai National Institute of Technology, Gujarat. November 2020.
- Anand, S. (2021). First 1000 Days of opportunity and vulnerability: Glimpses from Mewat, Haryana, India, presented in a National Webinar on Paradigm Shift in Home Science Education organised by Home Science Association of India (Kerala Chapter) held on February 18-20, 2021
- Batra, S., Anand, S., Chadha, T.K. & Capila, A. (2021). , at UGC National Conference on Unfolding the Potentials of Women including Girls and Children: Enhancing the Benefits Exponentially for One and All-Sabka Saath-Sabka Vikas organized by Aditi Mahavidyalaya, University of Delhi
- Chauhan, U. (2021) Presented a research paper on the topic "The vulnerable climate change agents in India" at the online National Seminar "Understanding women and Gender Questions: An Interdisciplinary Approach", organized on 15th June, 2021. Organized by UGC centre for women studies, Mohanlal Sukhadia University, Udaipur.
- Dawar, T., & Anand, S. (2021, March 27). Gender Role Identification of Children in their Oral and Visual Expressions: Role of School Environment. U G C Funded National Conference on Unfolding the Potentials of Women including Girls and Children Enhancing the Benefits Exponentially for One and All Sabka Saath Sabka Vikas, Aditi Mahavidyalaya, University of Delhi, 2021.
- Gupta, V., & Anand, S. (2020, July 12-16). Hand washing hot buttons: A barrier & influencer study among rural primary school children in Ballabgarh, India [Conference presentation]. Health communication working group, IAMCR 2020, Tampere. <https://iamcr.org/tampere2020/abstract-books>. <https://iamcr.org/node/12930>
- Gupta, V., & Anand, S. (2020, July 12-16). Hand washing hot buttons: A barrier & influencer study among rural primary school children in Ballabgarh, India [Conference presentation]. Health communication working group, IAMCR 2020, Tampere. <https://iamcr.org/tampere2020/abstract-books>
- Gupta, V., & Anand, S. (2021, March 27). Knowledge, attitude and practice of hand hygiene and its predictors: A school-based study in rural primary schools in Haryana, India [Conference presentation]. U G C Funded National Conference on Unfolding the Potentials of Women including Girls and Children Enhancing the Benefits Exponentially for One and All Sabka Saath Sabka Vikas, Aditi Mahavidyalaya, University of Delhi.
- Khanna, A. & Srivastava, A. (18th-20th February 2021). Poster presentation titled 'Role of Mohalla (Community) Clinics in Providing Primary Healthcare: A Study in Delhi' at the National Webinar on Paradigm Shift in Home Science Education organised by Home Science Association of India (Kerala Chapter).
- Khanna, A., & Sharma, A. (27th March 2021). Paper presentation titled 'Games for Engaging Conversations on COVID-19 and promoting mental health amongst young women: Experiences from Virtual Classrooms' at the UGC Conference on 'Unfolding the Potentials of Women including Girls and Children: Enhancing the Benefits Exponentially for One and All- Sabka Saath-Sabka Vikas organized by Aditi Mahavidyalaya, University of Delhi.
- Khanna, A., Kwatra, S., Anand, S.V., Kaur, P., & Singh, B. (19th-20th May 2021). Paper presentation titled 'Extension Education and NSS - Developing Life Skills of Young Women and Enabling Communities' at the National Web Conference on Empowerment of Rural Community through NSS organised by the Department of Home Science Extension Education and National Service Scheme, Avinashlingam Institute for Home Science and Higher Education for Women, Coimbatore.
- Khanna, A., Sain, S., & Capila, A. (19th-20th May 2021). Paper presentation titled 'Enhancing Life Skills of NSS Volunteers using 'Adal Badal Ka Mel' - a Game' at the National Web Conference on Empowerment of Rural Community through NSS organised by the Department of Home Science Extension Education and National Service Scheme, Avinashlingam Institute for Home Science and Higher Education for Women, Coimbatore.



- Khanna, A., Sharma, A., & Srivastava, A. (19th-20th May 2021). Paper presentation titled 'Training of Frontline Health Workers for Mental Health Advocacy: Role of NSS Volunteers' at the National Web Conference on Empowerment of Rural Community through NSS organised by the Department of Home Science Extension Education and National Service Scheme, Avinashlingam Institute for Home Science and Higher Education for Women, Coimbatore.
- Krishnan, A., Balan, S., & Khanna, A. (18th-20th February 2021). Paper presentation titled 'Developing Communication Tools for Creating Awareness on COVID-19 Pandemic Among School Going Children (6-12 YEARS)' at the National Webinar on Paradigm Shift in Home Science Education organised by Home Science Association of India (Kerala Chapter).
- Kumar, A. (2021). SBCC Regional Consultation 2021 Date - 9 December 2021, Session 7. Power of Audio-visuals and Animation. Title: Experiences of Design & Development of ECCE Resource Book for Frontline Workers- Parwarish ke Champion (Champions of Caregiving) for Pre and Post COVID19 Outreach Scenarios.
- Sain, S., & Khanna, A. (25th June 2021). Paper presentation titled 'Talking Comics for Promoting Literacy Skills of Drug Addict Adolescents' at the International Conference of Media, Communication and Design organised by Faculty of Journalism and Creative Studies, Jagran Lakecity University, Bhopal, Madhya Pradesh.
- Sharma, A., & Khanna, A. (18th-20th February 2021). Paper presentation titled 'Mental Health Issues of Youth during COVID-19' at the National Webinar on Paradigm Shift in Home Science Education organised by Home Science Association of India (Kerala Chapter).
- Sharma, N., & Anand, S. (2021, March 27). Exploring the Role of Women in Improving Health Care Systems at the Grassroots Level [Conference presentation]. U G C Funded National Conference on Unfolding the Potentials of Women including Girls and Children Enhancing the Benefits Exponentially for One and All Sabka Saath Sabka Vikas, Aditi Mahavidyalaya, University of Delhi, 2021.
- Srivastava, A. (2021). Training of Frontline Health Workers for Mental Health Advocacy: Role of NSS Volunteers. Presented at National Web Conference on "Empowerment of Rural Community through NSS". Organised by Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore, Tamil Nadu, Department of Home Science Extension Education on 20th May 2021.

### **Ph.D. Awarded**

#### **Dr. Archana Kumar**

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

#### **Dr. Sarita Anand**

- Tinny Dawar, (2016), Gender Concerns in Content and Delivery of Curriculum: A Study in Municipal Corporation Schools of Delhi.

#### **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).

### **Students pursuing Ph.D.**

#### **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
- Himani Bharat. (2020). Mountain women & Digital Literacy



- Umang Chauhan. (2021). Women Craftspersons: ICTs & Empowerment

### **Dr. Sarita Anand**

- Pooja Akshay. (2015). ICTs for Health: Community Radio as an enabler for promoting Mother and Child Health (MCH),
- Masot Zingkhai. (2016). Role of Women Food Vendors in Augmenting Income and Food Availability to their Families: A Study in A Tribal Region of Manipur,
- Arshia Wadhwa. (2017). Gender Responsive Budgeting in Adolescent Girls' Education: A Micro-Implementation Analysis of Kasturba Gandhi Balika Vidyalayas.
- Vibha Gupta. (2017). Hand hygiene Knowledge, Attitude and Practice (KAP) among rural primary school children - an intervention study, 2017
- Surbhi Bhalla. (2018) Understanding Interpretative Dynamics of Gender Role Coping Behaviour among Adolescents.

### **Dr. Aparna Khanna**

- Sonia Sain, (2016), Development of a Training Module on Substance Abuse Awareness and Prevention for Field Functionaries Working in Grassroots Communities
- Sudha Sachdeva, (2018), Gender issues in Hindi family based teleserials.
- Aprajita Sharma, (2019), Development and Assessment of a Mobile Phone Application on Mental Health

### **Dr. Rupa Upadhyay**

- Deepa Tomar (2017): Effects of Yamuna river on vegetable farming: A comparative study between Vikasnagar (Uttarakhand) and Sonapat (Haryana)
- Sanchaya Makhija (2021) A comparative analysis of perceptions and preferences of organic vs conventional food consumption

## **Consultancy**

### **Dr. Archana Kumar**

- UNICEF
- IGNOU

### **Dr. Sarita Anand**

- Roshni Centre of Women collectives led Social action , Technical support Unit, National Rural Livelihood Mission

### **Dr. Aparna Khanna**

- Charitable Education Trust
- SPYM
- Development Alternatives
- RAHAT Charitable and Medical Research Trust

## **Outreach Footprints**

### **Dr. Sarita Anand**

- Organised and anchored – Two webinars with policy makers and front line nutrition workers for addressing the impact of disrupted grassroots interventions for FNHW through NRLM and SRLMs of MoRD, August, 2020
- Planned and executed, Remote Monitoring for Swabhimman programme in Orissa, Bihar and Chhatisgarh, in coordination with state UNICEF offices, State Rural Livelihood Missions and NCAER, Delhi due to Covid 19 , April to October, 2020
- Planned and executed a research study to understand gender disadvantage and mental health concerns of adolescent girls in Bastar, Chattisgarh in collaboration with NIMHANS, November-December, 2020



- Resource person, National consultation for FNHW integration in the NRLMs Aajeevika programme for Poshan Abhiyaan. November, 2020

### **Dr. Aparna Khanna**

- Conducted session on 'World Environment Day' with the children and families of Jawans of the Indian Army (5th June 2021)
- Conducted a month-long social media campaign titled 'Happy Stories' that shared stories of COVID-19 recovery and resilience (May 2021)
- Conducted webinar session on 'ICT and Development Communication' as part of the series Emerging Technology in New Media organised by Department of Journalism and Mass Communication, College of Science and Humanities, SRM Institute of Science and Technology (19th March 2021)
- Conducted session on 'Skill Development Opportunities in Home Science' at the National Webinar organised by Department of Home Science, Mahila Mahavidyalaya, Banaras Hindu University, Varanasi, Uttar Pradesh, India (18th March 2021)
- Conducted state-level online training workshop on 'Development Communication and Extension: New Approaches and Prospects' at Gyan Ganga - an initiative of Department of College Education, Rajasthan organised by Commissionerate, College Education, Rajasthan and Department of Home Science, Government Meera Girls College, Udaipur, Rajasthan (19th February 2021)
- Conducted session on 'Emotions and Feelings' organised by Room to Read Trust, Raipur, Chhattisgarh (28th December 2020)
- Conducted orientation session to 'Google Classroom and Google Meet' organised at Lady Irwin College, University of Delhi (01st December 2020)
- Organised Rangoli Competition on 'Designing Floor Games using Waste Material' for members of Aseem's Library (14th November 2020)
- Conducted training session on 'Digital Know How: How to use Zoom, Net Etiquettes and Cyber Security' organised for Aseem Charitable Education Trust, Delhi by Department of Development Communication and Extension, Lady Irwin College, University of Delhi (30th October 2020)
- Invited resource person at Mental Health: Let's Commit webinar organised by FICCI-Aditya Birla CSR Centre for Excellence, Delhi (14th October 2020)
- Conducted training session on 'Mental Health Awareness Training for Social Mobilisers' organised by Room to Read India Trust, Raipur, Chhattisgarh (23rd-24th September 2020)
- Invited resource person for session on 'Rights of Children using Interactive Tools and Strategies for Creating Awareness amongst Children and Caregivers during COVID-19' at the One-day National Webinar on Role of CSOs and Media in Promoting Child Rights during Pandemic organised by Department of Journalism and Mass Communication, IQAC, Asutosh College, Kolkata, West Bengal in association with West Bengal Commission for Protection of Child Rights, West Bengal (18 September 2020)
- Organised and Conducted Chatathon 2.0 - a virtual space to talk about mental health during the COVID-19 pandemic (30th July 2020)
- Designed and developed nine games on creating awareness on COVID-19 and related issues, including - 'Lockdown ka Bingo', 'Online Safety ka Bingo', 'Work from Home Bingo', 'Find the Differences', 'Find the Words', 'Peace Maker vs Peace Breaker', 'Steps of Handwashing Stapoo', 'COVID Varnamala' and 'Wheel of Emotions' (July 2020-June 2021)
- Conducted sessions on creating awareness on COVID-19 and its related topics using online and offline games for NGO partners and college students (July 2020-June 2021)
- Mentored sessions for adolescents on developing Life Skills using 'For Today and Tomorrow' training module on self identity, communicating effectively, substance abuse, sexual and reproductive health, gender sensitisation, personal hygiene and environmental sanitation, waste management, child abuse, sexual harrasment, child rights, health and nutrition, cancer and anaemia organised by Aseem's Library, Delhi (July 2020-June 2021)



# RESOURCE MANAGEMENT & DESIGN APPLICATION

## Honors/ Award / Recognition/ Patents

### Dr. Sushma Goel

- Mentoring of two groups of students (three in each batch) for the *Atmanirbhar Bharat* Innovation Challenge (Create a toy-Based Game Reflecting Indian tradition or Culture), a National level Competition - Toy Hekathon in January 2021. Both the groups were selected for commercialization of their toy Designs (*Vega Wheel & Jantu*) in February 2021.
- Invited by Magic Bus Foundation (Headquarter in Mumbai) to conduct an interactive workshop on World Environment Day on 5<sup>th</sup> June on the theme, "Ek Kadam Prakriti Ki Aur".
- Invited to coordinate and train National PwD winners for International Painting Competition (interaction for 6-8 hours a month) in Moscow for May 2022 organized by Sarthak Trust and National Abilympics Association of India from March 2020 onwards till date (continuing).
- Invited to the National Core Group (NCG) for NOSTC (Network of Science & technology Communication) for celebrating IYBSSD (International year of Basic Sciences for Sustainable Development in 2022).

### Dr. Mayanka Gupta

- Invited Session Discussant, on 'Strengthening the Present and Post Pandemic Response: Economy and Livelihood for Elders', National Webinar series on 'COVID 19 Community Connects' organized by AIWEFA with support from NISD, Ministry of Social Justice and Empowerment, 13th February 2021.
- Invited Resource Person, National Webinar series on 'COVID 19 Community Connects' organized by AIWEFA with support from NISD, Ministry of Social Justice and Empowerment. on following themes 'Strengthening the Present and Post Pandemic Response: Health & Nutrition for Elders' on 6th February 2021 'Intergenerational Bonding : Baby Boomers & Generation X, Y & Z' on 5th February 2021 'COVID 19 : Youngest to Oldest' on 30th January 2021.
- Invited Session Moderator & Discussant, on 'COVID 19 Reboot to promote Intergenerational Bonding', National Webinar series on 'COVID 19 Community Connects' organized by AIWEFA with support from NISD, Ministry of Social Justice and Empowerment, 29th January 2021.
- Invited Speaker, on 'Gender Lens at Workplace', Online workshop on 'Human Rights and Gender Inequalities in India' organized by H.S.N.C. Boards' G. J. Advani Law College, Mumbai, 12th August, 2020.
- Jury Member, XVIII Nina Sibal Memorial Award, August 2020, Incepted Since 2003 by All India Womens' Education Fund Association to honor an organization working for children with special needs.
- Invited Speaker, on 'Evolving Cross Cultural Perspectives on Institutional Care of the Elderly' Webinar organized by Knowledgeableing.com, United States of America, 17th July 2020.

### Dr. Vaishali Gupta

- Resource Person, Webinar on 'Solid Waste Management: The Easy way' organized for Rotary Club of Delhi North, November 2020.

### Ms. Sakshi Wadhwa

- Indo-Asian Teaching Excellence Award 2021 for contribution to the field of Resource Management by IMRF Institute of Higher Education & Research, India

## 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)



## Chapters in Books

- Jain, M., Mital, M., & Gupta, P. (2021). Bioenergy: Sustainable Renewable Energy. In M. Srivastava, N. Srivastava & R. Singh (Eds.), *Bioenergy Research: Biomass Waste to Energy. Clean Energy Production Technologies* (pp. 27-53). Singapore: Springer. ISBN: 978-981-16-1861-1 [print] and ISBN: 978-981-16-1862-8 [Online]. [https://doi.org/10.1007/978-981-16-1862-8\\_2](https://doi.org/10.1007/978-981-16-1862-8_2)
- Sinha, A., Kashyap, F., Kerketta, S.R. 'Tribal Women in Local Economy', *Indian Social Institute*, ISBN:978-81-89762-81-0

## 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. (2020), Assessing Eco-Efficiency in Production of Polymer Packaging, *International Journal of Innovative Science, Engineering and Technology* (ISO 9001:2015 Certified), ISSN 2348-7968, 7 (11), 275-282, SJIF - 6.253, Peer reviewed journal.
- Chitkara, S., Goel, S. (2020), Evaluation of Eco-Efficient Practices Adopted by Packaging Manufacturers, *Journal of Emerging Technologies and Innovative Research*, ISSN 2349-5162, 7 (11), 1-5, IF- 7.95, Peer reviewed journal.
- Gupta, V., Goel, S., Rupa, T.G. (2021). A-Z of Solid Waste Management: Initiatives by Delhi Schools. *International Journal of Emerging Technologies and Innovative Research (JETIR)*, ISSN-2349-5162, 8 (2), 773-784, IF: 5.87, Peer reviewed journal.

## Papers presented in Seminar/conference/workshops/training

- Kakkar, A. (2020). Furniture Availability for mobility Impaired working Adults " in National Awareness workshop on Accessible cities under Ministry of Social Justice and Empowerment.

## Students awarded Ph.D.

### Dr. Sushma Goel

- Surbhi Chitkara (2013). Role of stakeholders in eco-efficient practices towards packaging materials used for FMCGS (awarded in 2020)
- Harveen Kaur (2014). Eco-sustainable practices for e-waste management in Delhi and NCR (awarded in 2020)

### Dr. Meenakshi Mital

- Shishi Khawlneikim (2013). Mahatma Gandhi National Rural Employment Guarantee Scheme and Livelihood Security: A Study in Manipur.

## Students pursuing Ph.D.

### Dr. Sushma Goel

- Ishita Sachdeva. (2013). An Exploratory Study of Customer Engagement on Purchase in Branded Retail: Physical stores and Online Portals.
- Maneesha Gaur. (2017). Capacity building of health and safety of construction workers.
- Kamini Kumar (2021). Assessment of CSR initiatives of organizations in the implementation of sustainable consumption and production.

### Dr. Meenakshi Mital

- 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.
- Geetika Mishra (2021) - Role of Extended Producer Responsibility (EPR) in Plastic Waste Management in India

#### **Dr. T.G. Rupa**

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

#### **Dr. Shanta Rani Kerketta**

- Thanlina Kahmei (2021). Role of women in sustainable development: Maximising the Economic, Social and Environmental role of tribal women in Manipur.
- Monika (2021). The traditional textile weaving crafts of Gujarat and Rajasthan: potential and prospects

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

#### **Dr. Sushma Goel**

- Principal investigator, Design Innovation Center, Lady Irwin College (Spoke of DICDU) supported by NIDI, MHRD (2019 till date).
- Coordinator and organizer, for a Five Days (15 hours) Faculty Development Programme (online) on 'Moodle: Learning Management System' from July 20-24, 2020 under the Aegis of IQAC, Lady Irwin College, University of Delhi.
- Coordinator and organizer, National Annual Innovation Day on March 31 to April 6 2021 on 'Craft-a-Toy (Toy'ing with Innovation) organized by Department of Resource Management & Design Application, Lady Irwin College, University of Delhi.
- Coordinator and organizer, for an Eight-Days Workshop (20 hours) on "Interiorscaping' from June 5-12, 2021 under the Aegis of IQAC, Lady Irwin College, University of Delhi.
- Coordinator and organizer, for a Six Weeks (40 Hours) Course on 'Design for Social Sustainability' in collaboration with National Institute of Design, Delhi Center from January 16 – February 27, 2021 under the Aegis of Design Innovation Center, Lady Irwin College of MHRD (NIDI Scheme).
- Organizing Team, Webinar on "Green Elements in an Institutional Evolution, Auditing with upgrade" held on a virtual platform (Google meet) on July 18, 2020 organized by the Department of RMDA, Lady Irwin College, University of Delhi
- Organizing Team, Webinar on "Composting: Cost effective alternative for home" held on a virtual platform (Google meet) on August 6, 2020 organized by the Department of RMDA, Lady Irwin College, University of Delhi
- Organizing Team, Webinar on "Documentation (File Editing, compression and conversion)" held on a virtual platform (Google meet) on August 8, 2020 organized by the Department of RMDA, Lady Irwin College, University of Delhi
- Staff Advisor, Eco Club, Lady Irwin College



### **Dr. Meenakshi Mittal**

- Instrumental in getting 218 Kw roof top solar plant installed in the college under the RESCO model. The plant has been duly commissioned in Oct 2020 . Got the inauguration done by the Chief Minister, got a lot of media coverage and gave the college a lot of recognition for its green endeavor.
- Convener, 14th Annual Task force meet, Department of RMDA (3rd March'21) - Co-convener, 14th Annual symposium on Capacity building for clean energy, organized by Department of RMDA, Lady Irwin College and SPDC, Michigan State University (19th March'21)
- Convener, Paper recycling project - Convener, Aero bin project-Composting garden and kitchen waste - Organized plantation drive on the occasion of World Environment Day, 5th June, 2021 - Convened and Coordinated webinar on 'Marketing 2.0: Digital Disruption', Resource person: Ms. Tanya Gupta, Group head, Media & buying, Interpublic Group (21st July'20)
- Convened and Coordinated Webinar on 'CSR: The New Corporate Essential', Resource Person: Ms. Gayatri Subramaniam, Director, Association of Women in Business, Former Chief Programme Executive, Indian Institute of Corporate Affairs, Ministry of Corporate Affairs, Government of India (23rd July'20)
- Convened and Coordinated webinar cum panel discussion on 'Development of Solar Energy in India', Resource persons: Dr. A. K. Tripathi, Director General, National Institute of Solar Energy & Scientist 'G' MNRE, Government of India and Mr. Raghav Aggarwal, Director, Strategy & Business Development, Rotomag (23rd July'20)
- Convened and Coordinated webinar on 'Green Energy', Resource person: Dr. A. K. Tripathi, Director General, National Institute of Solar Energy & Scientist 'G' MNRE, Government of India (5th June'21)

### **Dr. Puja Gupta**

- Convener, 14th Annual symposium on Capacity building for clean energy, organized by Department of RMDA, Lady Irwin College and SPDC, Michigan State University (19th March'21)
- Co-convener, 14th Annual Task force meet, Department of RMDA (3rd March'21)
- Convener, 218 Kw roof top solar plant installed in the college under the RESCO model. The plant has been duly commissioned in Oct 2020 . Got the inauguration done by the Chief Minister, got a lot of media coverage and gave the college a lot of recognition for its green endeavor.
- Convener, Paper recycling project - Convener, Aero bin project-Composting garden and kitchen waste
- Organized plantation drive on the occasion of World Environment Day, 5th June, 2021 - Convener, Sustainability Week celebrations, January 2021
- Convened and Coordinated webinar on 'Marketing 2.0: Digital Disruption', Resource person: Ms. Tanya Gupta, Group head, Media & buying, Interpublic Group (21st July'20)
- Convened and Coordinated Webinar on 'CSR: The New Corporate Essential', Resource Person: Ms. Gayatri Subramaniam, Director, Association of Women in Business, Former Chief Programme Executive, Indian Institute of Corporate Affairs, Ministry of Corporate Affairs, Government of India (23rd July'20)
- Convened and Coordinated webinar cum panel discussion on 'Development of Solar Energy in India', Resource persons: Dr. A. K. Tripathi, Director General, National Institute of Solar Energy & Scientist 'G' MNRE, Government of India and Mr. Raghav Aggarwal, Director, Strategy & Business Development, Rotomag (23rd July'20)
- Convened and Coordinated webinar on 'Green Energy', Resource person: Dr. A. K. Tripathi, Director General, National Institute of Solar Energy & Scientist 'G' MNRE, Government of India (5th June'21)

### **Dr. T. G. Rupa**

- Member of organizing team, National Annual Innovation Day on March 31 to April 6 2021 on 'Craft-



a-Toy (Toy'ing with Innovation) organized by Department of Resource Management & Design Application, Lady Irwin College, University of Delhi.

- Member of organizing team, for an Eight-Days Workshop (20 hours) on "Interiorscaping' from June 5-12, 2021 under the Aegis of IQAC, Lady Irwin College, University of Delhi.
- Member of organizing team, for a Six Weeks (40 Hours) Course on 'Design for Social Sustainability' in collaboration with National Institute of Design, Delhi Center from January 16 – February 27, 2021 under the Aegis of Design Innovation Center, Lady Irwin College of MHRD (NIDI Scheme).
- Participant, 5 day online workshop on Moodle: Learning Management System; organized by IQAC, Lady Irwin college from July 20-24, 2020.
- Member, Organizing Team, Webinar on "Green Elements in an Institutional Evolution, Auditing with upgrade" held on a virtual platform (Google meet) on July 18, 2020 organized by the Department of RMDA, Lady Irwin College, University of Delhi
- Member, Organizing Team, Webinar on "Composting: Cost effective alternative for home" held on a virtual platform (Google meet) on August 6, 2020 organized by the Department of RMDA, Lady Irwin College, University of Delhi
- Member, Organizing Team, Webinar on "Documentation (File Editing, compression and conversion)" held on a virtual platform (Google meet) on August 8, 2020 organized by the Department of RMDA, Lady Irwin College, University of Delhi
- Faculty coordinator, Webinar on "Sexual harassment at the workplace" held on a virtual platform (Google meet) on March 3, 2021 organized by the Internal Complaints Committee, Lady Irwin College, University of Delhi

#### **Ar. Anju Kakkar**

- Member of organizing team, National Annual Innovation Day on March 31 to April 6 2021 on 'Craft-a-Toy (Toy'ing with Innovation) organized by Department of Resource Management & Design Application, Lady Irwin College, University of Delhi.
- Member of organizing team, for an Eight-Days Workshop (20 hours) on "Interiorscaping' from June 5-12, 2021 under the Aegis of IQAC, Lady Irwin College, University of Delhi.
- Participant, 5 day online workshop on Moodle: Learning Management System; organized by IQAC, Lady Irwin college from July 20-24, 2020.
- Member of organizing team, for a Six Weeks (40 Hours) Course on 'Design for Social Sustainability' in collaboration with National Institute of Design, Delhi Center from January 16 – February 27, 2021 under the Aegis of Design Innovation Center, Lady Irwin College of MHRD (NIDI Scheme).
- Expert on "Agricultural Landscaping "organised by Indo European Chamber of Commerce and Industry, Bhopal (April 2021)
- Coordinated and moderated webinar on 'Home and Office Automation: Evolving Relationship in Present Times', Resource person: Mr. Sageer Shaikh, Sr. Business Analyst, BuildTrack, July 13<sup>th</sup> 2020 (12:00 – 1:00 om, Google Meet)

#### **Ms. Vishakha Sambhav**

- Member, organizing committee, 14th Annual Task Force Meet, Department of Resource Management & Design Application, Lady Irwin
- Member, organizing committee, 14th Annual symposium on Capacity building for clean energy, organized by Department of RMDA, Lady Irwin College and SPDC, Michigan State University (19th March'21)
- Facilitator, Webinar on 'Solid waste management: Challenges and Strategies', Resource Person Sourabh Manuja with Technical Expert GIZ on 24th July 2021
- Facilitator, Webinar on 'Community Participation for sustainable rural development 'in collaboration with SEHGAL foundation on 27th July 2021



## Dr. Mayanka Gupta

- Organising Member Secretary and Coordinator, Virtual Side Event, United Nations Commission on status of Women 65 (UN CSW 65) on the theme 'A World We Women Want: Gender-Just and Violence Free' organized by All India Womens' Education Fund Association in partnership with Permanent Mission of India to the UN, New York, 18th March, 2021.
- Convenor, 8 days National Online workshop on 'Interiorscaping' organized from 5-12th June 2021 by Dept. of RMDA under the aegis on IQAC, Lady Irwin College
- Convener, Cultural Committee for 89th Founders' Day 2021 organised by LIC on 10rd March 2021
- Convenor, Webinar on 'Green Elements in an Institution-Evolution, Auditing with Upgrade' organized on 18th July, 2021 by Dept. of RMDA, Lady Irwin College
- Member, Organizing Committee, National Innovation Day celebration organized by Dept. of Resource Management & Design Application (RMDA), on 6th April, 2021
- Staff Advisor, annual student cultural festival 'Quintessence 2021' organized on March 4-6, 2021 on theme 'Quarantine to Querencia'.
- Convener, 'Ibtida', Annual Orientation Program organized by LIC on November 17-19th, 2021.
- Member, Organizing Committee, Nina Sibal Memorial award, Organized on 2nd August 21 organized by AIWEFA
- Staff advisor for organization of following events in 2020-21: Teachers Day, Independence Day celebration, Gandhi Jayanti, Mental Health awareness week, Freshers' talent contest.

## Dr. Meenal Jain

- Coordinated and moderated webinar on 'Green Energy', Resource person: Dr. A. K. Tripathi, Director General, NISE and Scientist 'G', Ministry of New and Renewable Energy, Government of India, 5th June' 2021 (03:00 – 04:00 pm, Zoom).
- Member, organizing committee (Placement Cell, Lady Irwin College), National webinar on 'Career opportunities in Food Science & Technology', Resource person: Mr. Sanjeev Kumar Sharma, Mondelez India, 6th February' 2021 (2:00 – 3:00 pm, Google meet).
- Member, organizing committee (Placement Cell, Lady Irwin College), Webinar on 'Mock interview & group discussion', Resource person: Mr. Bhupender Negi, DGM-HR (North and East India), VFS Global, 20th February' 2021 (2:00 – 4:00 pm, Microsoft teams).
- Coordinated and moderated webinar cum panel discussion on 'Development of Solar Energy in India', Panelists: Dr. A. K. Tripathi, Director General, NISE, Ministry of New and Renewable Energy, Government of India and Mr. Raghav Aggarwal, Director, Strategy & Business Development, Rotomag, 23rd July' 2020 (11:30 am – 01:30 pm, Google meet).
- Coordinated and moderated webinar on 'CSR: The New Corporate Essential', Resource person: Ms. Gayatri Subramaniam, Director, Association of Women in Business, Former Chief Programme Executive, Indian Institute of Corporate Affairs, Ministry of Corporate Affairs, Government of India, 23rd July' 2020 (10:00 – 11:00 am, Google meet).
- Coordinated and moderated webinar on 'Marketing 2.0: Digital Disruption', Resource person: Ms. Tanya Gupta, Head, Media & Buying, Interpublic Group, 21st July' 2020 (11:00 am – 12:00 pm, Google meet).
- Organized and co-ordinated 'Plantation Drive' on the occasion of 'World Environment Day, 5th June' 2021', Department of Resource Management & Design Application, Lady Irwin College. Received about 50 entries from schools, colleges and universities across the country.
- Member, organizing committee, 14th Annual Task Force Meet, Department of Resource Management & Design Application, Lady Irwin

## Ms. Sakshi Wadhwa

- Member of organizing team, National Annual Innovation Day on March 31 to April 6 2021 on 'Craft-



a-Toy (Toy'ing with Innovation) organized by Department of Resource Management & Design Application, Lady Irwin College, University of Delhi.

- Member of organizing team, for an Eight-Days Workshop (20 hours) on "Interiorscaping' from June 5-12, 2021 under the Aegis of IQAC, Lady Irwin College, University of Delhi.
- Member of organizing team, for a Six Weeks (40 Hours) Course on 'Design for Social Sustainability' in collaboration with National Institute of Design, Delhi Center from January 16 – February 27, 2021 under the Aegis of Design Innovation Center, Lady Irwin College of MHRD (NIDI Scheme).
- Coordinated and moderated webinar on "Documentation: File Editing, Compression, Conversion'. Resource person: Mr. Sanjay Sharma, Creative Head, 361 DigiAds, August 8<sup>th</sup> 2020 (11:30 am – 12:03 pm, Google meet).
- Faculty Development Program on Pedagogy & Research Methodology (2021) organized by IIM Visakhapatnam.

### **Dr. Vaishali Gupta**

- Member of organizing team, National Annual Innovation Day on March 31 to April 6 2021 on 'Craft-a-Toy (Toy'ing with Innovation) organized by Department of Resource Management & Design Application, Lady Irwin College, University of Delhi.
- Member of organizing team, for an Eight-Days Workshop (20 hours) on "Interiorscaping' from June 5-12, 2021 under the Aegis of IQAC, Lady Irwin College, University of Delhi.
- Member of organizing team, for a Six Weeks (40 Hours) Course on 'Design for Social Sustainability' in collaboration with National Institute of Design, Delhi Center from January 16 – February 27, 2021 under the Aegis of Design Innovation Center, Lady Irwin College of MHRD (NIDI Scheme).
- Coordinated and moderated webinar on 'Design your own career, Resource person: Mr. Sunil Sharma, Partner Kickstart Placement, September 13<sup>th</sup> 2020 (11:30 am – 12:03 pm, Google meet).
- Coordinated and moderated webinar on "Documentation: File Editing, Compression, Conversion'. Resource person: Mr. Sanjay Sharma, Creative Head, 361 DigiAds, August 8<sup>th</sup> 2020 (11:30 am – 12:03 pm, Google meet).
- Member of Organizing Committee, Venue Committee for 89th Founders' Day 2021 organized by LIC on March 10<sup>th</sup> 2021.
- Student Advisor, Tulika – Fine Arts Society of Lady Irwin College
- Freelance Design Consultant with NGO Avacayam since July, 2020

### **Ms. Mitali Yadav**

- Facilitator, Webinar on 'Solid waste management: Challenges and Strategies', Resource Person Sourabh Manuja with Technical Expert GIZ on 24th July 2021
- Facilitator, Webinar on 'Community Participation for sustainable rural development 'in collaboration with SEHGAL foundation on 27th July 2021
- Staff Advisor - Entrepreneurship cell Lady Irwin College
- Organizing committee member- Founder's day
- Organizing Committee member- Annual Symposium Resource management and Design application department
- Organizing committee member- Innovation Day RMDA dept NAAC committee member
- Organizing committee member for national workshop on New NAAC guidelines
- Co-convenor - Segregation of organic waste for recycling and Treatment by using Aero-bins in collaboration with Indian pollution control association



# DEPARTMENT OF EDUCATION

## Awards

### Dr. Renu Malaviya

- Dr. Sarvepalli Radhakrishnan Best Teacher Award 2021 in Special Education and Mental Health. by Center for Professional Advancement Continuous Education (A Unit of IMRF Regd with Govt of India NITI Aayog NGO Darpan) on 25th Sept. 2021.
- India's Most Dynamic Achievers Award 2021- Certificate of Excellence by FFI (Friendship Forum) on 30th July 2021.

## Honours and Distinctions

### Dr. Renu Malaviya

- Chief Editor: Psychology in India (Journal); ISSN: 2319796X
- Chief Editor: Indian Journal of Developmental Disabilities. I SSN: 23197951
- Chief Editor: International e-journal of disability studies, special education and rehabilitation. (ISSN: 24558001)
- Associate Editor: International Journal of Home Science. ISSN: 23957476
- Secretary, All India Women's Educational Fund
- Expert Invitee: Rehabilitation Council of India, MHRD.
- Expert Invitee: PhD Admission Interview, CIE, University of Delhi
- Expert Invitee: M.Phil Admission Interview, CIE, University of Delhi
- Invited Expert, National Testing Agency (NTA), Ministry of Education, Govt. Of India
- Advisor and Evaluator: Ph.D. thesis, M.Phil. thesis.
- Member: Committee of Courses and Studies in Education (Professional), CIE, DU.
- Member: Meeting on the framework for proposed Higher Education Commission of India as recommended in the National Educational Policy 2020

## Research/Projects

### Dr. Renu Malaviya

- National Webinar Series titled 'COVID 19 Community Connects' conducted by AIWEFA with support from National Institute of Social Defence (NISD).
- 'Developing Training Packages for Including Children with Autism and SLD' in Regular Schools by NCERT.

## Edited Books

- Malaviya, R., Kalra, MB., Asthana, N. & Mehta, R. (2021) "*Inclusion for Learning*" Kanishka Publishers and distributors, ISBN 978-81-951998-7-7.
- Malaviya, R., Kalra, MB., Asthana, N. & Mehta, R. (2020). *Learning and Education towards Best Practices*, Renova International Publishers 2020. ISBN NO: 978-93-878 79-64-5.
- Malaviya, R., Kalra, MB., Asthana, N. & Mehta, R. (2020). *Learning: Trends, Needs & Opportunities* Joint Editors. Renova International Publishers 2020 ISBN NO: 978-93-878 79-65-2.
- Srivastava, S, (2021). Stuti Srivastava, C. P. P. (2021). *The Unforeseen and the Innovation: Challenges and Opportunities for Education During And Beyond the Pandemic*. New Delhi: APH Publications.

## Published Book Chapters

- Asthana,N.(2020). Effect of Substance Abuse on Adolescents' Socio-Emotional and Intellectual



Development" (pp 34-53) Eds. Kumar,S. and Rajendran, M. *Anthology of Qualitative Research in Education*. VL Media Solutions. New Delhi.

- Asthana,N.(2020). Teacher Education Programme in South Asia: Scope of Preparing Inclusive Teachers (A Study of Afghanistan, Pakistan, Bangladesh and Sri Lanka). (pp487-503). Ed. Parimala,D. *Higher Education in South Asia-Challenges and Possibilities*, Kanishka Publishers. New Delhi.
- Sharma, S. & Malaviya, R. (2021) Contextualizing Bullying: Historical Movements in the *Perspective of Researches being Conducted*.
- Srivastava, S. (2021). Student- Teachers' Attitude Towards Online Peer Practice Teaching: An Opportunity to Pre-Service Teachers' Professional Development. 93-101. In Stuti Srivastava, C. P. P. (2021). *The Unforeseen and the Innovation: Challenges and Opportunities for Education During And Beyond the Pandemic*. New Delhi: APH Publications.

### **Published Papers**

- Aggrawal, T. & Asthana, N. (2021). A Qualitative Study on Mealtime Behaviour of Adolescent with Autism (15-17 years) at Different Locales in Delhi. *Journal of Interdisciplinary Cycle Research*, 13(2), 607-614). (SCOPUS LISTED)
- Aggrawal,T. & Asthana, N. (2020). Probiotics: A Therapeutic Tool to Manage the Children with Autism *Spectrum Disorder*. *Autism Open Access* 10 (2),1-6. doi: 10.35248/2165-7890.20.10.248. (PEER REVIEWED)
- Asthana,N.(2020). Children with Special Needs: Role of Parents and Teachers in New Normal. *Global Thought*,18,236-251. (PEER REVIEWED)
- Mehta,R. (2021). Perception of Students At Higher Education Institutions Towards Online Assessment: An Exploratory Study". *Journal of distance education and e-learning*, Volume 9 Issue 2, April 2021, ISSN 2147-6454
- Mehta, R. (2021). Psychiatric distress on Adolescents: Approach and Effect. *International multilingual research journal* 40 (09), ISSN 2319 9318 (PEER REVIEWED)
- Srivastava, S. (2020). Vaigyanik Abhivrittievam Buddhi ke Sambanddh me Vaigyanik Ruchi ka Adhyayan. *Bhartiya Adhunik Siksha*, 40 (4), 70-79.

### **Paper presented in Seminars/Conferences**

- Asthana, N. (2020). Footprints of Mahatma in NEP2020 in the International Webinar on 'Gandhi: A Nationalist of Socio-Political Movements' 30 September 2020, Gandhi Bhawan, University of Delhi in collaboration with Lal Bahadur Shastri Centre for Indian Culture, Embassy of India, Tashkent, Uzbekistan and Samarkand State University, Samarkand, Uzbekistan.
- Asthana, N. (2021). Textiles and costumes of India in the Master classes by Uzbek-Indian masters of Art, Uzbekkonsert State Institution and Lal Bahadur Shastri Culture Centre of India, Embassy of India, Tashkent, 28.1.21
- Kohli, P. (2020). Presented paper on Role of Skill Development and Digital Empowerment in Building Future Female Entrepreneurs at U.G.C Funded National Conference on Unfolding the Potentials of Women including Girls and Children: Enhancing the Benefits Exponentially for One and All-SabkaSaath-Sabka Vikas" held on 27th March, 2021 (through online platform), organized by Aditi Mahavidyalaya, University of Delhi.
- Mehta, R. (2020). Textiles and costumes of India in the Master classes by Uzbek-Indian masters of Art, Uzbekkonsert State Institution and Lal Bahadur Shastri Culture Centre of India, Embassy of India, Tashkent, 28.1.21

### **E-Content developed**

#### **Dr. Renu Malaviya**

- Expert Committee member in 'Development of Guidelines for Digital Content for Cwsn'by NCERT, MHRD.



- Meeting for e-content development initiative by MHRD, DIKSHA (Digital Infrastructure for Knowledge Sharing) for Children with Special Needs (CWSN) or Divyang.

### **Dr. Priyanka Varshney**

- Live interaction on PM-eVidya platform of NCERT on the topic 'Concept of Cell Division' in March 2021.
- Live interaction on PM-eVidya platform of NCERT on the topic 'Concept of Cell Division-II' in April 2021.
- Live interaction on PM-eVidya platform of NCERT on the topic 'Concept of Cell Division-III' in April 2021.
- Live interaction on PM-eVidya platform of NCERT on the topic 'Broad Concept of Health and Its Significance' in May 2021.
- Live interaction on PM-eVidya platform of NCERT on the topic 'Disease and its causes' in May 2021.

### **Students awarded Ph.D.**

#### **Dr. Mani Bhasin Kalra**

- Rita Singh (2015) "A Study of Science Communication at Primary Level". Amity University.

### **Students pursuing Ph.D.**

#### **Dr. Renu Malaviya**

- Farheen Jalan (2018) "Children in difficult circumstances: Challenges and strengths".
- Richa Gupta (2018) "Childhood experience of children engaged in wage work".
- Swati Sharma (2019) "Bully: Insight into Developmental Contextual perspective in Delhi School setting".

#### **Dr. Mani Bhasin Kalra**

- Shruti Pokhriyal (2017) "Perspectives and Experiences about Mental Health of Youth".
- Aprajita Narula (2018) "Happiness Curriculum and the School Ecology: Paradigm, Beliefs and Influences on School Children".
- Divya Kalra (2018) "Sense of self and child cognition in school environment: A socio-cultural perspective".
- Priyanka Rao (2021) "Social Adjustment of People with Obsessive Compulsive Disorder".
- Basudha (2021) "To Assess the Impact of Kishori Shakti Yojna on Nutritional Status of Adolescent Girls enrolled under the Scheme in Delhi".
- Geetika Sharma (2021) "Comparative Study between Online and Traditional Teaching with respect to Reflective Practices".

#### **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) "Ucch Shakshik Paripreksha mein viklang mahilaon ki manosamajik stithi ka adhyan".
- Smriti Kumar (2021) "Media creating unrealistic standards amongst children".

#### **Dr. Richa Mehta**

- Priyanka Rao (2021) "Social Adjustment of people with obsessive compulsive disorder".



## ***Outreach Footprints (CE, Services, workshops conducted, lectures taken etc.) Invited Lectures/Resource Person/Expert:***

### **Dr. Renu Malaviya**

- Invited- resource person: Inviting Organization: CBSE- Center of Excellence. Audience: School teachers and school principals. Title: Inclusive Education-Locomotor Disabilities: Understanding nature and strategies for inclusion Date: 9th June 2021.
- Invited- resource person: Inviting Organization: Faculty Development and Research Centre (FDRC) Army Welfare Education Society (AWES) Audience: Principals & Special Educators of APS, APPS & ASHA School Title: Getting informed about Types of Disabilities ( HI, VI, ID,LD & Learning Difficulties )Date 15 June 20.
- Invited- resource person: Inviting Organization: Army Public School Audience: Classes XI & XII Title: Boosting Mental Wellbeing during the Lockdown Date: 24th June, 2020.
- Invited- resource person: Inviting Organization: CBSE- Center of Excellence Audience: School teachers and school principals Title: Inclusive Education Date: 29th June 2020.
- Invited- resource person: Inviting Organization: Army Public School Audience: Classes IX & X Title: Boosting Mental Well-being during the Lockdown' Date: 1st July, 2020.
- Invited- resource person: Inviting Organization: CBSE- Center of Excellence Audience: School teachers and school principals Title: Classroom Management: Dealing with Misbehavior in Classrooms Date: 4th July 2020.
- Invited- resource person: Inviting Organization: CBSE- Center of Excellence Audience: School teachers and school principals Title: Inclusive Education-Locomotor Disabilities-Understanding nature and strategies for inclusion Date: 7th July 2020.
- Invited- resource person: Inviting Organization: CBSE- Center of Excellence Audience: School teachers and school principals Title: Classroom Management 19th July 2020.
- Invited- resource person: 27th July 2020 Inviting Organization: Audience: School teachers and school principals Title: Inclusive Education.
- Invited- resource person: Inviting Organization: Mata Sundhari College, University of Delhi Audience: College and University Faculty from across the Nation Title: Every Learner is Important: Students with Special Needs at Faculty Development Programme titled " Teacher, Teaching and Teacher Education: Processes, Concerns and Prospects" 21st Oct 2020
- Keynote Address: Inviting Organization: Department of Community Education and Disability Studies, Panjab University, Chandigarh Audience: students, Research Scholars, Special Educators and Faculty of the Department Title: "National Education Policy-2020 and Neuro Developmental Disabilities" 9th November, 2020.
- Invited- resource person: Inviting Organization: Janki Devi Memorial College, University of Delhi, in collaboration with Mahatma Hansraj Faculty Development Centre (A Centre of Ministry of Education, Govt. of India under PMMMNMTT Scheme) Hansraj College, University of Delhi Audience: College and University Faculty from across the Nation Title: 'Blooms Taxonomy' at one week online faculty development programme titled 'Student-centric Pedagogic Methods' 28th Jan, 2021.
- Invited- resource person: Inviting Organization: Janki Devi Memorial College, University of Delhi, in collaboration with Mahatma Hansraj Faculty Development Centre (A Centre of Ministry of Education, Govt. of India under PMMMNMTT Scheme) Hansraj College, University of Delhi Audience: College and University Faculty from across the Nation Title: 'Student Centric Teaching Methods' at one week online faculty development programme titled 'Student-centric Pedagogic Methods' 29th Jan, 2021.



- Invited- resource person: Inviting Organization: Janki Devi Memorial College, University of Delhi, in collaboration with Mahatma Hansraj Faculty Development Centre (A Centre of Ministry of Education, Govt. of India under PMMMNMTT Scheme) Hansraj College, University of Delhi Audience: College and University Faculty from across the Nation Title: 'Developing Students' Skills and Competencies as a part of teaching- learning process: Preparing them for future' at one week online faculty development programme titled 'Student-centric Pedagogic Methods' 2nd Feb, 2021.
- Invited- resource person: Inviting Organization: Army Institute of Education (AIE), Guru Gobind Singh Indraprastha University (GGSIPU) Audience: College and University Faculty from across the Nation Title: "Ensuring Mental Health and Well- Being of Learners, Parents and Staff". (Faculty Development Programme 18th Dec 2020)
- Invited- resource person: Inviting Organization: Janki Devi Memorial College and Aditi Mahavidyalaya Audience: Special Educators, School teachers, College faculty and student Title: " Collaboration between Special Educator, General Educator and Family for Inclusion" for Certificate Course on Disability in Children 3rd March 2021.
- Invited- resource person: Inviting Organization: National Institute of Technology, Tiruchirappalli. Audience: Associate Professors and above Title: Capacity Building of Women Faculty in Higher Education" (3 day workshop) 24th March 2021.
- Invited- resource person: Inviting Organization: Amity University Haryana Audience: Title: "Role of Teachers in Equitable and Inclusive Education: Transforming Reforms in Education System in NEP-2020" at High Impact Faculty Enrichment Program "Higher Education Pedagogy, Student-Centered learning Teaching Processes": "21st Century Skills for University Teachers" Date: 24th June 20.
- Invited- resource person: Inviting Organization: Department of Community Education and Disability Studies, Panjab University, Chandigarh Audience: students, Research Scholars, Special Educators and Faculty Title: "Role of Teachers in Equitable and Inclusive Education: Transforming Reforms in Education System in NEP-2020" Date: 15th June, 2021.
- Invited- resource person: Inviting Organization: Lady Harding Medical College Audience: Doctors, Nurses and Technicians of LHMC and allied Hospitals. Title: Work-Life Balance during Pandemic times Date: 8th June 20.

### **Dr. Neelima Asthana**

- Resource person in 'Women and Disability in India' (28.2.2021), Delhi Institute of Tool Engineering (Govt of NCT of Delhi), India.
- Invited lecture "Home Science Education- Recent Trends" Online Lecture no. 104 of series under 'Bharat Padhe Online' Campaign, July, 2020.

### **Dr. Richa Mehta**

- Invited Lecture on "Textiles and Costumes" in "The week of master classes by Uzbek-Indian masters of art" in Lal Bahadur Shastri Centre for Indian Culture, Embassy of India, Tashkent on 23-29/01/2021.

### **Mr. Sultan Singh**

- "Skills for Counseling Parents of Students with Special Needs" 24/06/2020 at Composite Regional Centre, Srinagar, Jammu and Kashmir.
- "Multisensory Approaches in Pre -School Education" on 16/11/2020 State Level Program by Jan Nayak Choudhary Devilal (PG) College of Education, Sirsa, (Haryana).
- "Educational Transition from School to Work for Students with Autism Spectrum Disorder" on 22/12/2020 by Sweekar Academy of Rehabilitation Sciences, Hyderabad (Telangana).



- "Ensuring Safety for Children with Disabilities" on 30/01/2021 at Composite Regional Centre Srinagar, Jammu and Kashmir.
- "Research Methodology" in National Level Continuing Rehabilitation Education webinar on Research in Disability Rehabilitation on 05/02/2021 at Composite Regional Centre, Kozhikode, Kerala.
- "Social Problem Behavior of Autism Spectrum Disorder" 29/05/2021 by Rajasthan Mahila Kalyan Mandal, Ajmer, Rajasthan.

### **Dr. Suraj Kumar**

- Resource Person in CRE Programme on "Multisensory Approaches in Pre-school Education" approved by RCI on 17-11-2021.
- Resource Person in CRE Programme on "National Education Policy 2020" approved by RCI on 26-07-2021.

### **Dr. Deepika Ahlawat**

- Resource Person at continuing rehabilitation programme on Early childhood education and parental involvement on 19 Aug 2021 at CRC, Srinagar under MOSJ&E.- online
- Resource person at CRE on Activities and Strategies to overcome SPD, Educational adaptation for SPD at Special Education college Maharashtra.- online

### **Ms. Chetna Arora**

- (Editorial Assistance) Malaviya, R., Kalra, Mani B., Asthana, N., Mehta, R. (2021). "Inclusion for Learning" Kanishka Publishers and distributors, ISBN 978-81-951998-7-7.

### **Ms. Geetika Sharma**

- (Editorial Assistance) Malaviya, R., Kalra, Mani B., Asthana, N., Mehta, R. (2021). "Inclusion for Learning" Kanishka Publishers and distributors, ISBN 978-81-951998-7-7.

### **Dr. Priyanka Varshney**

- Invited speaker in a webinar organized by School Society of Kerala on 'Inclusive Education' on 26/08/2020.
- Resource person in NCERT workshop on 'Development and Finalization of items to measure learning outcomes under Road Map of NCERT (Science- Upper Primary Stage)' in January 2021.
- Resource person in NCERT workshop on 'Review and upgrade Herbal Garden and Guidelines for Herbal Garden' in March 2021.

### **Dr. Vinod Kalra**

Resource person in

- National CRE program by Navjyoti Manovikas Special Teacher, Training College, Jodhpur on topic Role of Special Education Teacher for development of pre academic skills for CWSN
- National Seminar Tapovan College of Special Education and Research, Ganganagar on topic Role of Divyangjan in Indian Society
- National CRE program by Navjyoti Manovikas Special Teacher, Training College, Jodhpur on topic Best out of waste TLM for CWSN
- State CRE program organised by JCD PG College of Education, Sirsa on theme Schemes and Benefits for CWSNs in India.

### **Webinars Collectively Organized by the Department**

- A webinar "Curriculum Adaptation for Children with Special Needs in an Inclusive set up" on May 8, 2020, Department of Education, Lady Irwin College.
- A webinar "ABA and integrated support in classroom" on May 11, 2020, Department of Education, Lady Irwin College.



- A webinar "Schooling and Teacher Responsibility in the context of Ideology, Authority and Freedom" on May 15, 2020, Department of Education, Lady Irwin College.
- A webinar "Understanding challenging behaviors and learning practical approaches for integrated classrooms" on May 15, 2020 Department of Education, Lady Irwin College.
- A webinar "Pedagogy of Teaching children with hearing impaired in an inclusive set-up" on May 15, 2020, Department of Education, Lady Irwin College.
- A webinar "Art and Life" on May 18, 2020, Department of Education, Lady Irwin College.
- A webinar on "Reflections on a Dialogical Classroom" on May 21, 2020, Department of Education, Lady Irwin College.
- A webinar on "Reprogramming Mind" on May 23, 2020, Department of Education, Lady Irwin College.
- A webinar on "Curricular adaptation for children with Special Needs in inclusive classrooms" on May 26, 2020, Department of Education, Lady Irwin College.
- A webinar on "Future of Education Second Year stems: Emerging Resilience and Good Practices" on May 27, 2020, Department of Education, Lady Irwin College
- A webinar on "Pedagogy of Science for an Inclusive Classroom on May 27, 2020.
- A webinar on "Teacher Engagement in the New Normal". New Delhi, Department of Education, Lady Irwin College.
- A webinar on "Equity, Diversity and Inclusion: Eligibility of children of inclusive school" on May 28, 2020, Department of Education, Lady Irwin College.
- A webinar on "Development of Question Paper" on May 28, 2020, Department of Education, Lady Irwin College.
- A webinar on "Strategies to overcome the challenges faced by CwSN during the Pandemic" on May 29, 2020, Department of Education, Lady Irwin College.
- A webinar on "COVID-19 Pandemic as a Socio-Scientific Issue: Role of a Science Teacher" on May 29, 2020, Department of Education, Lady Irwin College.
- A webinar on "Fostering creativity among school children" on May 30, 2020, Department of Education, Lady Irwin College.
- A webinar on "Handling Classroom Conflicts using Non-Violent Communication" on June 1, 2020, Department of Education, Lady Irwin College.
- A webinar on "Making Things, Doing Science" on July 25, 2020, Department of Education, Lady Irwin College.
- A webinar on "Open Educational Resources" on July 27, 2020 Department of Education, Lady Irwin College.
- A webinar on "Education: Classrooms and Beyond" July 28, 2020, Department of Education, Lady Irwin College.
- A webinar on "How to lead a Balanced and Successful Life?" on July 29, 2020, Department of Education, Lady Irwin College.

## DEPARTMENT OF SCIENCE

### *Honors/ Award / Recognition/ Patents*

#### **Dr. Rupa Upadhyay**

- Invited speaker at a webinar on "Sensitisation and capacity building of Anganwadi workers on Kitchen gardening /potted plants and demonstration of low cost recipes for first 1000 days of life" organized by Department of Food & Nutrition, Lady Irwin College, University of Delhi, New Delhi during Poshan Mah on 16.9.2020
- Invited as a member of the Expert Group for the revision of the course "PHT-704 Postharvest



Technology and Management of Spices, Plantation Crops, Medicinal & Aromatic Plants" for PG students of the Department of Horticulture-Post Harvest Technology, AMITY University, NOIDA.

### **Dr. Swati Raman**

- Invited as Parent Representative on an online talk show on the topic "Technology for Sustainable Societies" organized by SamUrja Educational Society on 26.06.2021

### **Published Papers**

- Kumar, D., Kumari, K., Singh, P., (2020), A Theoretical Model to Study the Interaction Between Boronic Acids and Insulin, *Theoretical and computational chemistry*, published online: 3rd August, 2020, <https://doi.org/10.26434/chemrxiv.12751535.v1>.
- Kumar, D.; Kumari, K.; Jayaraj, A.; Singh, P., Development of a theoretical model for the inhibition of nsP3 protease of Chikungunya virus using pyranooxazoles, *Journal of Biomolecular Structure and Dynamics*, 2020 vol 38 (10), pp 1-17.
- Kumar, D.; Kumar, A.; Kumari, Kumar, R.; Chandra, R.; Singh, P., DFT and docking studies of designed conjugates of noscapines & repurposing drugs: promising inhibitors of main protease of SARS-CoV-2 and falcipain-2, *Journal of Biomolecular Structure and Dynamics*, Published online: 3rd Nov 2020, <https://doi.org/10.1080/07391102.2020.1841030>
- Makhija, S.; Upadhyay, R., Availability of food commodities through urban agricultural practices: a study in Delhi, *International Journal of Scientific and Engineering Research*. 2021, 12 (6): 1250- 1255.
- Meena, M.K., Kumar, D., Jayaraj, A., Kumar, A., Kumari, K., Bahadur, I., Kumar, V., Sherawat, A., & Singh P., (2020), Designed thiazolidines: An arsenal for the inhibition of nsP3of CHIKV using molecular docking and MD simulations, *Journal of Biomolecular Structure and Dynamics*, <https://doi.org/10.1080/07391102.2020.1832918>, ISSN. No. 1538-0254. (Published online on 19 Oct 2020).
- Tomar, D.; Upadhyay, R., Impact of polluted Yamuna water on the agricultural practices performed by the farming community (Delhi), *International Journal of Scientific and Engineering Research*. 2020, 11 (12): 1105- 1110.

### **Students pursuing Ph.D.**

#### **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. Rupa Upadhyay**

- Convenor of the webinar "CRO-India stepping towards safe electronics" held on 18.07.2020
- Convenor of the webinar "Using Internet for credible health care services" held on 21.07.2020
- Convenor of the webinar "So let us reflect on striving for excellence, social equity and environmental security" held on 27.07.2020
- Convenor of the annual essay competition on the topic "Innovations and Ecological Sustainability" in September 2020
- Convenor of the webinar "Application of Nanotechnology in sustainable production of Horticultural crops" held on National Science Day- 28.2.2021
- Convenor of online Intercollegiate slogan writing and photography competition on the topic "Ecological revival and Covid -19"on World Environment Day, 5.6.2021.

#### **Dr. Anjali Sherawat**

- Coordinator, webinar "CRO-India stepping towards safe electronics" held on 18.07.2020
- Coordinator of the annual essay competition on the topic "Innovations and Ecological Sustainability" in September 2020



- Organising member, webinar "Using Internet for credible health care services held on 21.07.2020
- Organising member, webinar "So let us reflect on striving for excellence, social equity and environmental security" held on 27.07.2020
- Organising member, webinar "Application of Nanotechnology in sustainable production of Horticultural crops held on National Science Day- 28.2.2021
- Organising Member, online Intercollegiate slogan writing and photography competition on the topic "Ecological revival and Covid -19"on World Environment Day, 5th June 2021.

#### **Dr. Nancy Raina**

- Coordinator, National Webinar on "So Let us reflect on striving for excellence, social equity, and environmental security" held on 27th July 2020.
- Coordinator, Webinar on "Application of Nanotechnology in Sustainable Production of Horticultural Crops held on 28th February 2021
- Coordinator, online Intercollegiate slogan writing and photography competition on the topic "Ecological revival and Covid -19"on World Environment Day, 5th June 2021.
- Organising member, webinar "CRO-India stepping towards safe electronics" held on 18.07.2020
- Organising member, webinar "Using Internet for credible health care services" held on 21.07.2020
- Coordinator of the annual essay competition on the topic "Innovations and Ecological Sustainability" in September 2020

#### **Dr. Swati Raman**

- Coordinator, webinar "CRO-India stepping towards safe electronics" held on 18.07.2020
- Coordinator of the annual essay competition on the topic "Innovations and Ecological Sustainability" in September 2020
- Organising member, webinar "Using Internet for credible health care services held on 21.07.2020
- Organising member, webinar "So let us reflect on striving for excellence, social equity and environmental security" held on 27.07.2020
- Organising member, webinar "Application of Nanotechnology in sustainable production of Horticultural crops held on National Science Day- 28.2.2021
- Organising Member, online Intercollegiate slogan writing and photography competition on the topic "Ecological revival and Covid -19"on World Environment Day, 5th June 2021.

#### **Mr. Rajneesh Dwevedi**

- Coordinator, National Webinar on "So Let us reflect on striving for excellence, social equity, and environmental security" held on 27th July 2020.
- Coordinator of the annual essay competition on the topic "Innovations and Ecological Sustainability" in September 2020
- Coordinator, Webinar on "Application of Nanotechnology in Sustainable Production of Horticultural Crops held on 28th February 2021
- Coordinator, online Intercollegiate slogan writing and photography competition on the topic "Ecological revival and Covid -19"on World Environment Day, 5th June 2021.
- Organising member, webinar "CRO-India stepping towards safe electronics" held on 18.07.2020
- Organising member, webinar "Using Internet for credible health care services" held on 21.07.2020

#### **Mr. Vinoy Krishna**

- Coordinator, webinar "Using Internet for credible health care services" held on 21.07.2020
- Organising member, webinar "CRO-India stepping towards safe electronics" held on 18.07.2020
- Organising member, webinar "So let us reflect on striving for excellence, social equity and environmental security" held on 27.07.2020
- Organising member of the annual essay competition on the topic "Innovations and Ecological Sustainability" in September 2020



- Organising member, webinar "Application of Nanotechnology in sustainable production of Horticultural crops held on National Science Day- 28.2.2021
- Organising Member, online Intercollegiate slogan writing and photography competition on the topic "Ecological revival and Covid -19"on World Environment Day, 5th June 2021.

#### **Dr. Rachna Sharma**

- Organising member of the annual essay competition on the topic "Innovations and Ecological Sustainability" in September 2020

#### **Dr. Durgesh Rawat**

- Organising member of the annual essay competition on the topic "Innovations and Ecological Sustainability" in September 2020

#### **Mrs. Shikha Singh**

- Organising member, webinar "Application of Nanotechnology in sustainable production of Horticultural crops held on National Science Day- 28.2.2021

