



**Government Home Science College, Chandigarh**  
**Affiliated to Panjab University**  
**NAAC Accredited Grade “A”**  
**NIRF India Ranking 2023 by Ministry of Education. GOI: 52<sup>nd</sup>**

### **Year-2018**

1. **Bansal V** (2018). Ultrasound techniques in postharvest disinfection of fruits and vegetables. *Postharvest Disinfection of Fruits and Vegetables*. Academic Press UK. ISBN 9780128126998.
2. **Bansal V** (2018). Antioxidant Enrichment of Ice Cream Using Fruit By-Products. *Plant Food By-Products: Industrial Relevance for Food Additives and Nutraceuticals* Press, USA. ISBN 9781771886406

### **Year-2019**

1. **Bansal V** (2019). Development of Functional Food Products from Food Waste. *Food Bioactive* . Apple Academic Press. ISBN 9781774634738.
2. **Shabana** (2019). Impact of family and school environment on adolescents personality. *Shodh Sarita*. *Shodh Sarita*. ISBN 23482397.

## Year-2020

1. **Anila** (2020). Role of Quality Higher Education in Social Economic Development of Women. In: *Emerging Paradigms in Higher Education*. Mohindra publishing House, Sec-32, Chd. 68-71, ISBN: 978-81-93991-67-1
2. **Alagh P** and Sharma T (2020). Role of Polypropylene in Shaping the Future Economy of Packaging Textiles. *Home Science: Nurturing Innovations and Skill Development*. Mohindra publishing House, Sec-32, Chd. 120-126, ISBN: 978-81-93991-68-8.
3. **Anila** and Sujata (2020). Creation of Dupattas using Santhal Art with Hand-Painting- A Step towards Skill Development. *Home Science: Nurturing Innovations and Skill Development*. Mohindra publishing House, Sec-32, Chd. 77-83, 77-83, ISBN: 978-81-93991-68-8.
4. Arora M and **Kaur B** (2020). Empowering Women through Skill Enhancement. *Home Science: Nurturing Innovations and Skill Development*. Mohindra publishing House, Sec-32, Chd. 231-233, ISBN: 978-81-93991-68-8.
5. **Brar R and Bhatnagar N** (2020). Empowering Women through Higher Education in Marital Structure. In: *Emerging Paradigms in Higher Education*. Mohindra publishing House, Sec-32, Chd. 132-135, ISBN: 978-81-93991-67-1.
6. **Bansal V** (2020). Higher Education: A Vital Prerequisite for Start-ups and Establishing 20 Global Business. In: *Emerging Paradigms in Higher Education*. Mohindra publishing House, Sec-32, Chd. 20-22, ISBN: 978-81-93991-67-1.
7. **Bansal V** (2020). Dynamics of Innovative Food Processing for Nurturing Entrepreneurship. *Home Science: Nurturing Innovations and Skill Development*. Mohindra publishing House, Sec-32, Chd. 93-96. ISBN: 978-81-93991-68-8.
8. **Chandana** (2020). Role of Cad Training in Quality Enhancement of Graduates. In: *Emerging Paradigms in Higher Education*. Mohindra publishing House, Sec-32, Chd. 214-216, ISBN: 978-81-93991-67-1.
9. **Chandana** (2020). Creation of Utility Baskets through Up Cycling – A Step To Sustainable Home Decor. *Home Science: Nurturing Innovations and Skill Development*. Mohindra publishing House, Sec-32, Chd. 216-218, ISBN: 978-81-93991-68-8.

10. **Deharwal A** (2020). Issues within the Higher Education System of India. In: *Emerging Paradigms in Higher Education*. Mohindra publishing House, Sec-32, Chd. 39-42, ISBN: 978-81-93991-67-1.
11. **Deharwal A** and Pooja Sharma (2020). Revival of Indian Folk Art through Textiles: A Review. *Home Science: Nurturing Innovations and Skill Development*. Mohindra publishing House, Sec-32, Chd. 204-207, ISBN: 978-81-93991-68-8.
12. **Garg S** (2020). Influence of Higher Education on Parenting Practices. In: *Emerging Paradigms in Higher Education*. Mohindra publishing House, Sec-32, Chd. 43-45, ISBN: 978-81-93991-67-1.
13. **Garg S** and Sharma A (2020). Empowerment of Transgenders through Society. *Home Science: Nurturing Innovations and Skill Development*. Mohindra publishing House, Sec-32, Chd. 154-157, ISBN: 978-81-93991-68-8.
14. Geetanjali Gupta and **Sethi N.** (2020). New Product Development- A Step towards Skill Development and Capacity Building in Home Science. *Home Science: Nurturing Innovations and Skill Development*. Mohindra publishing House, Sec-32, Chd. 88-92, ISBN: 978-81-93991-68-8.
15. **Ghumman R** and **Verma A** (2020). Need and Role of Incubators in Higher Education Institutions. *Home Science: Nurturing Innovations and Skill Development*. Mohindra publishing House, Sec-32, Chd. 219-222, ISBN: 978-81-93991-68-8.
16. **Gupta S** and Sobti AK(2020). Approach of Third Dimension of Education to Promote Polythene Free Chandigarh. *Home Science: Nurturing Innovations and Skill Development*. Mohindra publishing House, Sec-32, Chd. 257-261, ISBN: 978-81-93991-68-8.
17. **Gupta S** (2020). Trending Information and Communication Technology (ICT) In Shaping Higher Education. In: *Emerging Paradigms in Higher Education*. Mohindra publishing House, Sec-32, Chd. 91-96, ISBN: 978-81-93991-67-1.
18. **Gupta S** (2020). Women Empowerment through Skill Development in Home Science. *Home Science: Nurturing Innovations and Skill Development*. Mohindra publishing House, Sec-32, Chd. 116-119, ISBN: 978-81-93991-68-8.

19. **Katyal S** and Khanna U (2020). Nurturing Development among Adolescents through Guidance and Counseling. *Home Science: Nurturing Innovations and Skill Development*. Mohindra publishing House, Sec-32, Chd. 19-23, ISBN: 978-81-93991-68-8.
20. **Kaur S** (2020). Enhancing Sustainability through Higher Education: Utilizing Boutique's 240 Waste into Sustainable Product. In: *Emerging Paradigms in Higher Education*. Mohindra publishing House, Sec-32, Chd. 240-244, ISBN: 978-81-93991-67-1.
21. Kaur A and **Gupta S** (2020). Role of Nutritious Garden in Educational Institutes. In: *Emerging Paradigms in Higher Education*. Mohindra publishing House, Sec-32, Chd. 253-256, ISBN: 978-81-93991-67-1.
22. **Kaur S** and Shivani(2020).Innovation in the Field of Clothing and Textiles: Designing and Construction of Footwear using Knot Craft-Macrame. *Home Science: Nurturing Innovations and Skill Development*. Mohindra publishing House, Sec-32, Chd. 135-139, ISBN: 978-81-93991-68-8.
23. **Kaur B** , Bhishma and Dwivedi A (2020).Issues and Challenges affecting the Nutritional Status of Adolescence Girls. *Home Science: Nurturing Innovations and Skill Development*. Mohindra publishing House, Sec-32, Chd. 212-215, ISBN: 978-81-93991-68-8.
24. **Kaur B** (2020).Women's Empowerment and Vitamin D Deficiency: *Emerging Role, Causes and Its Management*. In: *Emerging Paradigms in Higher Education*. Mohindra publishing House, Sec-32, Chd. 173-175, ISBN: 978-81-93991-67-1.
25. Kaur P and **Singh U** (2020).Women Literacy and its Effect on Health. In: *Emerging Paradigms in Higher Education*. Mohindra publishing House, Sec-32, Chd. 55-57, ISBN: 978-81-93991-67-1.
26. Kaur P and **Singh U** (2020). Evolutionary Development in the Women Status through Home Science. *Home Science: Nurturing Innovations and Skill Development*. Mohindra publishing House, Sec-32, Chd. 112-115, ISBN: 978-81-93991-68-8.
27. **Kumari N** and Deepanshi (2020)Study of Aspiration for Higher Education among Girls. In: *Emerging Paradigms in Higher Education*. Mohindra publishing House, Sec-32, Chd. 208-213, ISBN: 978-81-93991-67-1.

28. **Narang H** (2020). Fostering Innovation in Higher Education: Converting Scrap to Trends. In: *Emerging Paradigms in Higher Education*. Mohindra publishing House, Sec-32, Chd. 159-163, ISBN: 978-81-93991-67-1.
29. **Pradhan R** ((2020)). Nurturing Entrepreneurship through Research and Development of Nutritive Energy Bar in a Higher Education Institute. *Nurturing Innovations and Skill Development*. Mohindra publishing House, Sec-32, Chd.,285-287, ISBN: 978-81-93991-68-8.
30. **Pradhan R** (2020). Enhancing Sustainability and Skill Development in Home Science for Innovating Nutritious Gelatin Coated Candy for Startups. *Nurturing Innovations and Skill Development*. Mohindra publishing House, Sec-32, Chd. 200-203, ISBN: 978-81-93991-68-8.
31. **Pradhan R** and Singh N (2020). Role of ICT in the Field of Home Science In: *Home Science. Nurturing Innovations and Skill Development*. Mohindra publishing House, Sec-32, Chd. 44-46, ISBN: 978-81-93991-68-8.
32. **Pradhan R** (2020). Fostering Research and Innovations for Development of Nutritious Candy using Edible Coating. In: *Emerging Paradigms in Higher Education*. Mohindra publishing House, Sec-32, Chd. 223-225, ISBN: 978-81-93991-67-1
33. **Pradhan R** and Singh N (2020). Nutrition Software's and Quality Enhancement in Higher Education. In: *Emerging Paradigms in Higher Education*. Mohindra publishing House, Sec-32, Chd.109-112, ISBN: 978-81-93991-67-1
34. **Pradhan R** (2020). Nutrient (Iodine) Deficiency- A Hindrance to Scholastic Performance and Quality Higher Education. In: *Emerging Paradigms in Higher Education*. Mohindra publishing House, Sec-32, Chd. 34-38, ISBN: 978-81-93991-67-1
35. Rashi Garg and **Anila** (2020). Recognition of Doodling as an Art, Accelerating Creative Startups. Home Science: *Nurturing Innovations and Skill Development*. Mohindra publishing House, Sec-32, Chd. 144-150, ISBN: 978-81-93991-68-8.
36. **Reenu** and Kumar V (2020). Role of Computational chemistry in Higher Education. *Emerging Paradigms in Higher Education*. Mohindra publishing House, Sec-32, Chd. 30-33, ISBN: 978-81-93991-67-1.
37. Shwetambari and **Verma C** (2020). Impact of Natural Thickening Agents on Printing of Silk with Marigold Flower Dye. *Home Science: Nurturing Innovations and Skill*

*Development*. Mohindra publishing House, Sec-32, Chd .70-76, ISBN: 978-81-93991-68-8.

38. **Soin M** (2020). Empowerment of Women- A Comparative Demographic Analysis. *Home Science: Nurturing Innovations and Skill Development*. Mohindra publishing House, Sec-32, Chd. 227-230, ISBN: 978-81-93991-68-8.
39. **Sethi N** (2020). Higher Education: A Step to Foster Innovation and Research Enabling 23 New Product Development: A Review. In: *Emerging Paradigms in Higher Education*. Mohindra publishing House, Sec-32, Chd. 23-25, ISBN: 978-81-93991-67-1
40. **Sethi N** and Chishi I (2020). Psychosocial Status: Effect on Nutritional Profile and Social Scenario of Girls in Higher Education Institutions. In: *Emerging Paradigms in Higher Education*. Mohindra publishing House, Sec-32, Chd. 72-75, ISBN: 978-81-93991-67-1.
41. **Sharma P** (2020). Role of Music in Higher Education. In: *Emerging Paradigms in Higher Education*. Mohindra publishing House, Sec-32, Chd. 278-279, ISBN: 978-81-93991-67-1.
42. **Sharma S** (2020). Fostering innovation and research in higher education through pithora painting. In: *Emerging Paradigms in Higher Education*. Mohindra publishing House, Sec-32, Chd. ISBN: 978-81-93991-67-1
43. **Shabana** and Puri M (2020). Role of Information and Communication Technology (ICT) in Skill development: Prospects and Challenges. *Home Science: Nurturing Innovations and Skill Development*. Mohindra publishing House, Sec-32, Chd. 181-186, ISBN: 978-81-93991-68-8.
44. **Sonia** and Nisha (2020). Innovations and Product Diversification in Panja Durries. *Home Science: Nurturing Innovations and Skill Development*. Mohindra publishing House, Sec-32, Chd. 131-134, ISBN: 978-81-93991-68-8.
45. **Sonia**. (2020). Role of ICT in Transforming Higher Education. In: *Emerging Paradigms in Higher Education*..Mohindra publishing House, Sec-32, Chd. 49-54, ISBN: 978-81-93991-67-1.
46. **Singh U** and Shagun (2020). Innovative use of Cinnamon (*Cinnamomum aromaticum*) powder for Development and Organoleptic Evaluation of New Food Products. *Home*

*Science: Nurturing Innovations and Skill Development*. Mohindra publishing House, Sec-32, Chd. 277-280, ISBN: 978-81-93991-68-8.

47. **Thapa P** (2020). Innovation: Agro-Waste to Active Textiles. *Home Science: Nurturing Innovations and Skill Development*. Mohindra publishing House, Sec-32, Chd .177-180, ISBN: 978-81-93991-68-8.
48. **Verma A** (2020). Enhancing Sustainability of Higher Education Institutions. In: *Emerging Paradigms in Higher Education*. Mohindra publishing House, Sec-32, Chd. 10-14, ISBN: 978-81-93991-67-1.
49. **Verma C** (2020). Women Handloom Weavers: Sustaining the Tradition and Cultural Heritage. *Home Science: Nurturing Innovations and Skill Development*. Mohindra publishing House, Sec-32, Chd, 208-211, ISBN: 978-81-93991-68-8.
50. **Verma C** and Kaur K (2020). Designing of Crop Tops with Traditional Peacock Motifs using Discharge Printing. *Home Science: Nurturing Innovations and Skill Development*. Mohindra publishing House, Sec-32, Chd. 248-252, ISBN: 978-81-93991-68-8.

### **Year-2021**

1. **Bansal V** (2021). Sensory based quality assessment systems for fruits and vegetables. IR Spectroscopy for Quality of Fruits and Vegetables. In *Sensor-Based Quality Assessment Systems for Fruits and Vegetables*. Apple Academic Press. CRC Press Taylors & Francis Group, 169-197, ISBN: 978-10-03084-174.
2. **Bansal V** (2021). Development of Functional Food Products from Food Waste The Bioactive. *Apple Academic Press, USA*. ISBN: 9780429242793.
3. **Reenu** (2021). Chemometrics and Cheminformatics in Aquatic Toxicology. Chemometric Modelling of Daphnia Toxicity: *Quantum-Mechanical Insights*, Wiley. ISBN: 978- 1119681595.
4. **Singh U** (2021). Health Enhancement of human health with diversity of fermented foods. *Microbes-Fermented Foods & Human*. Krishna Publication House. 154-163, ISBN: 978-93-90627-15-8.

## **Year-2022**

1. **Katyal S** (2022). Normal and Therapeutic Nutrition. *Normal and Therapeutic Nutrition*. Daya Publishing House. ISBN: 9789390435524.
2. **Sonia** and Thakur A (2022). Creation of utility items using leather scrap. *Unfoldinf Latest Reseacrhes and Practice in fashion and Textile*, Manak Publication Pvt. Ltd., 184-198, ISBN 9789391897369.
3. **Singh U** (2022). Green Tea: Importance and Health Benefits. *Super Foods and Its Importance in Our Daily Diet*. Kripa Drishti Publications, 113-120, ISBN: 978-93-90847-73-0.
4. **Verma C** and Mittal S (2022). Extraction of natural dye from bougainvillea leaves and its application on silk fabric. *Unfoldinf Latest Reseacrhes and Practice in fashion and Textile*, Manak Publication Pvt. Ltd., 27-37, ISBN 9789391897369.