

## MAPPING OF 17 SUSTAINABLE DEVELOPMENT GOALS [17 SDGS]

### With Presidency School of Design-FACUTY PUBLICATIONS

S. No	SDG Mapping	Title of the Paper	Author	Co-Author	Journal Name	ISSN
1	SDG 3 – Good Health and Well-being	Antibacterial and Ultraviolet protective finishing on cotton fabric treated with aluminium oxide and zinc sulfate	Dr. D.Kamalraj	-	Man Made Textiles India	0377-7537
2	SDG 9 – Industry, Innovation and Infrastructure	Re-defining Design Current trends and the Future of the Multidisciplinary Practice	Dr. Sakthivel,S	-	Journal of Textile Engineering and Fashion Technology	2771-4357
3	SDG 9 – Industry, Innovation and Infrastructure	A study on requirements of smart wearable clothing for pregnant women. A Research Perspective	Dr. D.Kamalraj	-	Asian Technical Textiles	0974-0589
4	SDG 9 – Industry, Innovation and Infrastructure	A study on requirements of smart wearable clothing for pregnant women. A Research Perspective	Subhani Sharma	-	Asian Technical Textiles	0974-0589
5	SDG 4 – Quality Education	Draped in Rain: The Symbolism of Color in Kajari and Womanhood	Sanskar Verma	-	Hue & Her: The Psychology of Clothing Color	978-93-6825-342-4
6	SDG 12 – Responsible Consumption and Production	The Environmental Price Tag of Fast Fashion: Resource Depletion, Pollution, and Waste	Dr. S.Sakthivel	-	ICI Global Scientific Publishing	717-533-8845
7	SDG 9 – Industry, Innovation and Infrastructure	Surface and Total Hand Value Properties of Sericin Treated Fabric	Dr. D.Kamalraj	-	Emerging trends in traditional and technical textiles	978-981-97-5902-6
8	SDG 4 – Quality Education	Reviving Tradition: How Textiles Transform into Functional Art	Sanskar Verma	-	International Conference – Rejuvenating Textiles: A Vision of Art	-
9	SDG 9 – Industry, Innovation and Infrastructure	AI and Environmental Stewardship: Navigating Complex Challenges	Dr. S.Sakthivel	-	ICI Global Scientific Publishing	717-533-8845

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10	SDG 3 – Good Health and Well-being	Antibacterial and Ultraviolet protective finishing on cotton fabric treated with aluminium oxide and zinc sulfate	Dr. D.Kamalraj	-	Man Made Textiles India	0377-7537
11	SDG 9 – Industry, Innovation and Infrastructure	Sewing thread applications in fashionable garment wears	Dr. S.Sakthivel	-	Asian Textile Journal	0971-3425
12	SDG 4 – Quality Education	AI Revolutionizing Education: Exploring Trends, Technologies, and Ethical Considerations for Future Learning Environments	Dr. Sakthivel,S	-	ICI Global Scientific Publishing	717-533-8845
13	SDG 9 – Industry, Innovation and Infrastructure	Harnessing Genetic Algorithms for Enhanced Reasoning: A Nature-Inspired Approach to Decision Making	Dr. Ashok Itagi	-	ISCI-25 Book of Papers	978-93-48029-95-9
14	SDG 9 – Industry, Innovation and Infrastructure	International Conference on transforming Fashion with AI and Sustainability, Conference Proceedings ICTFAIS - 2025	Niveditha AS	-	-	-
15	SDG 12 – Responsible Consumption and Production	Sustainable Polymer Acoustic Composites from waste cotton, Coffee husk and sawdust for Functional Applications	Dr. S.Sakthivel	-	Fibers and Polymers / Springer Nature	1857-0052
16	SDG 9 – Industry, Innovation and Infrastructure	Osprey algorithm based optimization of selective laser melting parameters for enhanced hardness and wear resistance in AlSi10Mg alloy	Dr. Krishnakant Bhole	-	Journal of Material Research and Technology	2238-7854
17	SDG 12 – Responsible Consumption and Production	Investigation on the thermal resistance properties of Non Woven Fabric	Dr. D.Kamalraj	-	Asian Textile Journal	0971-3425
18	SDG 4 – Quality Education	डिजिटल युग में परफॉर्मिंग आर्ट : आधुनिक तकनीक और बदलती भावनाएँ	Sanskar Verma	-	Anvehsana: International Performing Art Conference	978-81-962569-7-5

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19	SDG 4 – Quality Education	AI.Revalautiozing of Education: Exploring Trends, Technologies, and Ethical Consideration for future learning Enviroinment	Dr. S.Sakthivel	-	ICI Global Scientific Publishing	717-522-8845
20	SDG 5 – Gender Equality	Fashion as Empowerment in Practice: Case Studies and Critical Perspectives	Niveditha AS	-	Hue & Her: The Psychology of Clothing Color	978-93-6825-362-4
21	SDG 5 – Gender Equality	Women and Color Psychology: The Impact of Cool Colors	Niveditha AS	-	Hue & Her: The Psychology of Clothing Color	978-93-6825-362-4
22	SDG 5 – Gender Equality	Women and Color Psychology: The Impact of Warm Colors	Niveditha AS	-	Hue & Her: The Psychology of Clothing Color	978-93-6825-362-4
23	SDG 3 – Good Health and Well-being	A Study on the Clothing Needs of Hemodialysis Patients	Dr. D.Kamalraj	-	Asian Textile Journal	0971-3425
24	SDG 4 – Quality Education	Hue & Her: The Psychology of Clothing Color	Dr. D.Kamalraj	-	Hue & Her: The Psychology of Clothing Color	978-93-6825-362-4
25	SDG 5 – Gender Equality	WOMEN AND COLOR PSYCHOLOGY: UNDERSTANDING DAILY COLOR PREFERENCES	Dr. D.Kamalraj	-	Hue & Her: The Psychology of Clothing Color	978-93-6825-362-4
26	SDG 3 – Good Health and Well-being	ADAPTIVE WEAR: A REVIEW ON GROWTH, CHALLENGES, AND LEEWAY	Dr. D.Kamalraj	-	Man Made Textiles India	0377-7537
27	SDG 5 – Gender Equality	Hue & Her: The Psychology of Clothing Color	Subhani Sharma	-	Hue & Her: The Psychology of Clothing Color	978-93-6825-362-4
28	SDG 12 – Responsible Consumption and Production	Rethinking Fashion: The Environmental Impact and the Shift Towards Sustainability	Dr. S.Sakthivel	-	ICI Global Scientific Publishing	717-522-8845
29	SDG 12 – Responsible Consumption and Production	Perspective Chapter: Functional Applications in Textile Reuse and Recycling – Enhancing Sustainability and Reducing Environmental Impact	Dr. S.Sakthivel	-	Intech Open	978-1-83634-061-4
30	SDG 5 – Gender Equality	WOMEN AND COLOR PSYCHOLOGY: UNDERSTANDING DAILY COLOR PREFERENCES	Subhani Sharma	-	Hue & Her: The Psychology of Clothing Color	978-93-6825-362-4

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31	SDG 5 – Gender Equality	Understanding Colour Psychology in Branding and Consumer Perception	Madhusudana M	-	Hue & Her: The Psychology of Clothing Color	978-93-6825-362-4
32	SDG 5 – Gender Equality	WOMEN AND COLOR PSYCHOLOGY: UNDERSTANDING DAILY COLOR PREFERENCES	Karthik	-	Hue & Her: The Psychology of Clothing Color	978-93-6825-362-4
33	SDG 5 – Gender Equality	RADIANT RITUALS- FROM VERMILION TO TURMERIC”- A PSYCHE JOURNEY OF THE BIHARI WOMEN	Nivrity Sinha	-	Hue & Her: The Psychology of Clothing Color	978-93-6825-362-4
34	SDG 5 – Gender Equality	THE MINDFUL PALETTE: A SERENITY, CLASS, AND THE RISE OF NEUTRAL AESTHETICS	Nivrity Sinha	-	Hue & Her: The Psychology of Clothing Color	978-93-6825-362-4
35	SDG 5 – Gender Equality	CHROMO THERAPY AND “HER” STYLE	Dr.BhagyaShree Nadig Y S	-	Hue & Her: The Psychology of Clothing Color	978-93-6825-362-4
36	SDG 5 – Gender Equality	The evolution of color trends in Gen Z fashion	Shahul Hameed M	-	Hue & Her: The Psychology of Clothing Color	978-93-682