




Bharathiar University

State University | "A⁺⁺" Grade by NAAC | 26th Rank in MoE-NIRF
Maruthamalai Road, Coimbatore, Tamil Nadu - 641 046.

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| Dr S GRACE ANNAPOORANI Professor Department of Textiles and Apparel Design Bharathiar University Tamil Nadu E-mail: gracetad@buc.edu.in Phone: 9500509797 Office Number: |  |
| Research Area <ul style="list-style-type: none">• Technical Textiles• Natural Fibers• Nonwovens | Courses Teaching <ul style="list-style-type: none">• Technical Textiles• Research Methodology• Portfolio Presentation• Retail Merchandising• Textile Testing |
| Research Experience: | Teaching Experience: |
| Research Credentials (as on July 2024 – Source: Google scholar) H-index: 355 Citations: 8 i10-index: 7 | |
| Patents : Granted: 2 | |
| Publications International Journals: 5 Books/Chapters: 2 | |
| Career At Bharathiar University 1. Designation : Professor Period : July 2017 - Till Date 2. Designation : Associate Professor Period : July 2014 - July 2017 3. Designation : Assistant Professor Period : July 2012 - July 2014 | |
| Education Ph. D. Subject : Textiles & Apparel Design Institution : Affiliated University : Year of Award : | |
| Projects | Research Guidance Completed PG - 1 |
| Visits 1. School of Fashion -) 2. United Kingdom – Manchester University -) 3. United Kingdom – Bolton University -) | |



Publications

International Journals - 5

5. Colouration of textiles with natural dyes from Cassava (*Manihot esculenta*) leaves

Asian Dyer, 39-43 (May 2023)
K Amutha, S Grace Annapoorani

4. Dyeing of textiles with natural dyes extracted from *Terminalia arjuna* and *Thespesia populnea* fruits

Industrial Crops & Products, 178 (June 2022)
Dr.Grace Annapoorani and K.Amutha

3. Ecofriendly Dyeing of Textiles with Natural Dyes Extracted from Commercial Food Processing Waste

Materials

Journal of Natural Fibers, 1-18 (January 2022)
K Amutha, S Grace Annapoorani, P Sakthivel, N Sudhapriya

2. Antimicrobial Finish on *Ceiba Pentandra* (L.) Blended Woven Fabric Using Plant Extracts

Design Engineering, 1395-1402 (May 2021)
S.Divya and S.Grace Annapoorani

1. Design and Development of Union fabric produced from *Wrightia Tinctoria* fiber

Asian Textile Journal, 48-51 (November 2020)
S.Divya and S.Grace Annapoorani

Books/Chapters - 2

2. Sustainable management of Biomedical Waste during COVID-19 pandemic

Springer, Singapore, Pg-159-196 (December 2021)
Dr. S. Grace Annapoorani

1. Sustainable Development in the Handloom Industry

Springer, Singapore, Pg-95-118 (November 2021)
Dr. S. Grace Annapoorani

Patents

Granted - 2

1. A PROCESS TO PRODUCE TEXTILE FIBER FROM SPADIX OF *CARYOTA URENS* 09-2023 449593/201741020541 1. DR.S.GRACE ANNAPOORANI 2. S.YAMUNA DEVI
2. NOVEL FIBER COMPOSITE METHOD FOR ALTERNATIVE PLANT SOURCES 01-2024 503958/201741020542 1. DR.S.GRACE ANNAPOORANI 2. S.YAMUNA DEVI