




Bharathiar University

State University | "A++" Grade by NAAC | 26th Rank in MoE-NIRF
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<div>Dr S GRACE ANNAPOORANI</div> <div>Professor</div> <div>Department of Textiles and Apparel Design</div> <div>Bharathiar University</div> <div></div> <div>Tamil Nadu</div> <div>E-mail: gracetad@buc.edu.in</div> <div>Phone: 9500509797</div> <div>Office Number:</div>	<div></div>
<div>Research Area</div> <div><div><div>• Technical Textiles</div><div>• Natural Fibers</div><div>• Nonwovens</div></div></div>	<div>Courses Teaching</div> <div><div><div>• Technical Textiles</div><div>• Research Methodology</div><div>• Portfolio Presentation</div><div>• Retail Merchandising</div><div>• Textile Testing</div></div></div>
<div>Research Experience:</div>	<div>Teaching Experience:</div>
<div>Research Credentials (as on July 2024 – Source: Google scholar)</div> <div><div>H-index: 355</div><div>Citations: 8</div><div>i10-index: 7</div></div>	
<div>Patents : Granted: 2</div>	
<div>Publications</div> <div><div>International Journals: 5</div><div>Books/Chapters: 2</div></div>	
<div>Career</div> <div>At Bharathiar University</div> <div><div>1. Designation : Professor</div><div>Period : July 2017 - Till Date</div><div>2. Designation : Associate Professor</div><div>Period : July 2014 - July 2017</div><div>3. Designation : Assistant Professor</div><div>Period : July 2012 - July 2014</div></div>	
<div>Education</div> <div><div>Ph. D.</div><div>Subject : Textiles & Apparel Design</div><div>Institution :</div><div>Affiliated University :</div><div>Year of Award :</div></div>	
<div>Projects</div>	<div>Research Guidance Completed</div> <div>PG - 1</div>
<div>Visits</div> <div><div>1. School of Fashion -)</div><div>2. United Kingdom – Manchester University -)</div><div>3. United Kingdom – Bolton University -)</div></div>	



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

Selected Publications

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

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

2. 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

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

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

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

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

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

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

2. Sustainable Development in the Handloom Industry

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