

Junior Research Mentoring Programme

Code:	JRMP2021_27
School / Department:	Institute of Textiles and Clothing
Name of Research Leader:	Dr Manas Kumar Sarkar, Teaching Fellow
Research Topic:	Comparison of Fabric Properties of Different Basic Designed Fabrics
Short Description of the Research Project:	Fabric is an integral part of human life, each of us has a curiosity about the making process of textile fabric. In this project, students will prepare different basic woven fabrics and compare different properties of these fabrics. In this process, students will learn to make woven fabrics, basic woven designs, and basic fabric testing. They will prepare around 6 - 8 different fabrics and measure basic fabric properties such as thread density, fabric weight, fabric thickness, vapor permeability, fabric absorption properties, etc. From this research, they will learn how different fabric designs and structures affected the fabric properties.
No. of Places Offered:	3
Special Requirement(s):	With science background

* The information presented above is subject to change.