

DEVELOPMENT OF ECO FRIENDLY FEMININE HYGIENE PRODUCT

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ABSTRACT

Medical textiles are a major growth area within the technical textiles sector and the use of textiles in medicine has a long tradition, but now applied vitally in the field of health care and hygiene. Hygiene has become the significance on textiles as they are termed as the 'second skin' and are closest to the human body. Women are highly infected during their menstrual time, due to unhygienic practices during menstruation, microorganism, unaware of hygiene products, etc. This leads to allergies, irritation, urinary tract infection, vaginal infections, and high risks as infertility and cervical cancer. Using sanitary napkin during menstruation is the hygiene method of menstrual protection. But commercial napkins with its typically disclosed ingredients indicating the pad may contain non-biodegradable synthetic fibers, petrochemical additives, etc. In this research, to make feminine product more protective and as medical equipment for treatment, an effort was made to develop menstrual hygiene product, 'Non-toxic herbal sanitary napkin' with the natural plant fibers and finished with Abutilon Indicum and Sennaauriculataherbal composite extract having various properties like anti-microbial, anti-itching, anti-allergic, odour control, wound-healing, coolness etc.

KEYWORDS: Menstruation, Non-Toxic, Antimicrobial, Abutilon Indicum, Sennaauriculata, Anti-Allergic

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