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STUDENT PROJECT PROPOSAL

45th SERIES OF STUDENT PROJECT PROGRAMME

SYNOPSIS

Title	“Recycle, Reuse and Awareness on Biodegradable Coconut Fibers in Preparing Homemade Scrubs”
Name of the College & Department	Department of MBA, PES Institute of Technology & Management, Shivamogga.
Names of project guide	Mr. Hemantha Kumara MG
Names of project Students	Anusha K Khushi Jain Soundarya S C Nithin L Sapthagiri
Keywords	Reuse, Recycle, Biodegradable
Introduction / background (with specific reference to the project, work done earlier, etc) - about 20 lines	Coconut fibers, derived from the husk of the coconut, are a versatile and renewable resource. Unlike synthetic exfoliants, which often contain harmful microplastics that end up in our waterways, coconut fibers offer an all-natural and sustainable alternative for exfoliation. By opting for homemade scrubs made with biodegradable coconut fibers, individuals can play a part in reducing plastic waste and promoting a healthier planet. These fibers are renewable, compostable, and do not contribute to the ever-growing problem of microplastic pollution in our water systems. Homemade scrubs with coconut fibers can provide a natural and eco-friendly alternative that is gentle on the skin. These have been used for centuries for various applications due to their durability, strength, and sustainability. Homemade scrubs represents a positive step towards reducing plastic waste, minimizing environmental pollution, and promoting sustainable beauty practices.
Objectives (about 10 lines)	<ol style="list-style-type: none"> 1. To identify the methods of reusing biodegradable coconut coir. 2. To analyse the process of manufacturing homemade dish wash scrubs using coconut fibers. 3. To create awareness among people in semi-urban and rural areas in reusing the coconut fibers. 4. Promote the concept of reducing plastic waste by advocating for the use of biodegradable and compostable materials like coconut fibers. 5. To bring up traditional methods in reusing the coconut fibres.
Methodology (about 30 lines) (materials, methods, details of work carried out, including drawings,	The study is descriptive in nature. The purpose of this study is to train and bring awareness among rural and semi urban people about utilization of coconut scrubs. They can reduce the cost on buying steel scrubs, which can break off and fall in food causing a physical contaminated that is sharp and

<p>diagrams etc)</p>	<p>cause dental injury. Plastic scrubs are more injurious when it is consumed but coconut scrub is good for digestion and reusable. These fibers are either sold or burned, so our motive is to make people use what they grow. In this process, we use coconut fibers, sponge to manufacture the product. The basic method is to first collect primary data on what people are doing with this coconut coir other than burning and throwing it as waste. The detail study will be conducted to manufacture coconut fiber scrub that too home made with the use of available resources at home. Coconut Scrub fibers are antimicrobial and doesn't turn out mouldy and smelly. They naturally behave as a soft scrub after a long use and stop waste from going into landfills. These fibers are biodegradable, economically available and especially hygienic as it stays fresh for several months because of its antimicrobial properties. These scrubs are more durable compare to plastic scrubs because it uses less soap. These scrubs do not scratch pots and pans like those plastic scrubs do because they are tougher. Awareness programs were conducted both in semi urban and rural areas to make people understand the traditional way of using coconut coir and reuse of coconut fibers in preparing home-made scrubs.</p>
<p>Results and Conclusions (about 20 lines with specific reference to work carried out)</p>	<p>Reuse of bio degradable waste and reusing the carbon emission. Low cost and homemade scrubs for reuse. Formal method of preparing dish wash scrubs with respect to the scientific usage. The study helps in reduce the usage of steel and rubber scrubs which create harmfulness for the users. Creating awareness and educating people in rural and semi urban areas on usage of coconut coir's as efficient as possible.</p>
<p>Scope for future work (about 20 lines).</p>	<p>This project helps the people to understand how useful is coconut coir's and to reduce the biowaste to use them effectively. Our project mainly aims on educating people and help people to reduce their financials and simultaneously reduce the hazardous waste.</p>

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