

FUTURE SCOPE OF THE STUDY/RECOMENDATIONS

- Pharmaceutical studies revealed that the extracts of the different parts of the Lotus plant has a numerous medicinal properties. Further studies can be done on herbal finishing using extracts of the different parts of the Lotus plant on textile material.
- Due to the inherent functional properties of the Lotus fibers – antibacterial, high absorbency soft in hand. Apart from hygiene medical textiles, Lotus fibers can also be used in developing different kinds of Bandages.
- The machine extracted yarn has been successful in developing knitted structures. So, wide array of warp and weft knitted structures can be developed using Lotus yarn. Lotus yarn due to the functional properties, good strength and elasticity it can be used in developing intermediate garments: camisoles and undergarments.
- As the Lotus fiber are antibacterial special socks can be developed for the peoples who have the issues with the skin infection in the toe area.
- Lotus fibers has a free swell absorbency more than natural and regenerated fibers it can also be used in industrial application specially in developing filter fabrics.
- Different weave structures can also be explored in developing Lotus fabrics.
- Lotus nonwoven sheet can be explored further for developing products for old age people specially in core layer of adult diapers and fabrics for infants who are highly prone to infections and sensitive skin.

- Further research can be carried out in developing ring spun yarns and core spun yarns from Lotus fibers.
- Further research can be carried out on developing blended Lotus yarn with regenerated and synthetic fibers.