

- (ii) Project title** : To explore the possibility and application of the corn husk in textiles
- Objectives** :
- To extract and compare the composition and physico-chemical properties of cornhusk fibres with other cellulosic fibres.
  - To explore the possibility of development of yarns using any suitable yarn manufacturing technology either using 100% cornhusk or its blends.
  - To optimize the dyeing process of cornhusk fibres using various classes of dyes and evaluating their physical and chemical properties.
  - To finish developed material to impart softness and other required properties.
  - To design and develop a product line using corn husks and their blends
- Research Outcome** :
- The corn husk fibres were dyed using various classes of dyes and their physico-chemical properties were evaluated.
  - The blended yarns were woven in to various types of fabrics. These fabric samples were successfully dyed and finished with softener to impart softness and smooth feel.
  - The garments and upholstery product lines were successfully developed.