Working environment of fashion, styles of clothing etc. demand greater expectation from the tailoring industries. Workers involved in sewing activities such as cutting, drafting, attaching sari fall and embroidery may be at risk of developing musculo-skeletal disorder. Hence, the present study was conducted to assess the musculo-skeletal problems by women entrepreneurs while performing tailoring activity drafting and cutting. The present study was carried out in Parbhani town of Marathwada region in Maharashtra state. Purposive random sampling was followed to select thirty subjects between age range of 25-35 years who were involved in tailoring enterprise and performing drafting and cutting of the sari blouse. M.A.U multipurpose tailoring stand developed by AICRP, Family Resource Management, College of Home Science was used as new technology. The results revealed that in traditional method all the selected entrepreneurs who performed the tailoring activity drafting and cutting experienced pain in neck, shoulder joints and lumbar region. Whereas in improved method, all the entrepreneurs expressed that they did not experienced any kind of pain at neck and shoulder parts while performing drafting and cutting activities by improved method. It can be concluded from the data that musculo-skeletal disorders were less experienced when the work was performed by improved method.

**KEY WORDS** : Musculo-skeletal problems, Assessment, Tailoring, Drafting, Cutting


**ABSTRACT** : Workers involved in sewing activities such as cutting, drafting, attaching sari fall and embroidery may be at risk of developing musculo-skeletal disorder. Hence, the present study was conducted to assess the musculo-skeletal problems by women entrepreneurs while performing tailoring activity drafting and cutting. The present study was carried out in Parbhani town of Marathwada region in Maharashtra state. Purposive random sampling was followed to select thirty subjects between age range of 25-35 years who were involved in tailoring enterprise and performing drafting and cutting of the sari blouse. M.A.U multipurpose tailoring stand developed by AICRP, Family Resource Management, College of Home Science was used as new technology. The results revealed that in traditional method all the selected entrepreneurs who performed the tailoring activity drafting and cutting experienced pain in neck, shoulder joints and lumbar region. Whereas in improved method, all the entrepreneurs expressed that they did not experienced any kind of pain at neck and shoulder parts while performing drafting and cutting activities by improved method. It can be concluded from the data that musculo-skeletal disorders were less experienced when the work was performed by improved method.

**RESEARCH METHODS**

The present study was carried out in Parbhani town of Marathwada region in Maharashtra state. Purposive random sampling was followed to select thirty subjects between the age range of 25-35 years who were involved in tailoring enterprise and performing drafting and cutting of the sari blouse. Questionnaire schedule was developed to note down the responses of the entrepreneurs. M.A.U multipurpose tailoring stand developed by AICRP, Family Resource Management, College of Home science was used as new technology. The activity drafting and cutting of the blouse was considered to know the difference between traditional and improved method. Musculo-skeletal problems encountered by women were recorded by using body map. The incidence of pain was recorded after the completion of new technology.