

## Useful Features of the MKV tailoring Table

- ✓ Simple in fabrication.
- ✓ Made out of locally available material and by local artisan.
- ✓ Useful for tailoring and related activities like drafting, cutting, and attaching saree fall
- ✓ Useful for other activities such as studying, writing and dining purpose.
- ✓ Low cost
- ✓ Useful for resting the hands while performing the activity.
- ✓ Easy to handle and carry
- ✓ Because of folding feature of desk, small space is required to store it.
- ✓ As fixing rods are useful for fixing the saree, the hand movements of the worker are reduced while attaching saree fall



- ✓ It reduces physiological stress of worker
  - ✓ Adjustment in the angle of board as per the height of the worker is possible
- Supporting rim provided for board is useful for storing bundle of thread, needle, scissors while performing the activity



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## Multipurpose MKV Tailoring Table



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## Multipurpose MKV Tailoring Table

The gender participation in running the enterprise was studied and it revealed that about 80 per cent women entrepreneurs are involved in the tailoring enterprise. Majority of women have independent participation in the stitching saree blouse and attaching saree fall. Drafting and Cutting is very stressful activity for the entrepreneurs because of the responsibility of proper fitting of garment. Majority of the women entrepreneurs used wooden plank, writing pad or meal plate as supporting device while attaching fall to saree. In this position they were able to attach only two sarees at a stretch. Women entrepreneurs engaged in tailoring activities for more than 10 years had



reported severe pain in lumbar joints. The symptoms such as continuous pain in knee joint and injuries to fingertips were also noted amongst women entrepreneurs. Hence, to increase the working efficiency of women entrepreneurs and to reduce their musculo skeletal problems MKV tailoring table was designed and developed. Majority of the women perform attaching saree fall and drafting and cutting of garments by sitting on the floor and by adopting bending posture. In this posture women experience strain at neck, lumbar and elbow joints. It leads to increase in the heart rate. The tailoring table is designed in such a way that the angle of the table is possible to change, so that women can

select suitable angle for their height. Due to this cervical and back alignment is maintained and deviation in body posture is reduced. The tailoring table is designed, considering anthropometric measurements of the Indian women such as average sitting height(100 cm) and maximum reach (83 cm). Two iron rods are provided to fix the saree on the surface of the table. There is enough open frontage for legroom for comfortable sitting. After conducting 60 field trails, it was found that there was reduction in energy(40-60 %) and time (22-27 %)required for performing tailoring activities. All the women reported that they could attach 10 saree falls at a stretch without break with the help ofMKV tailoring table.

