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| Project Title- 23 | Design and Development on Low Cost Shuttleless Loom for Decentralised Power loom Sector |
| Principal Investigator | Dr. S.S. Ramasamy |
| Cost | Rs.33.25 lakhs |
| Date of Commencement | 01.02.1999 |
| Duration | 24 Months |
| Date of Completion | Sep 2001 |
| Abstract | ----- |
| Highlights | <ul style="list-style-type: none"> ▪ A low cost rapier loom has been designed and fabricated. The prototype loom is working satisfactory ▪ The speed of the loom can be increased upto 100% when compared to ordinary drop box shuttle loom and it is possible to weave multi colour weft yarn for check designed fabrics ▪ Weft way defects like starting mark, weft crack, etc. are considerably reduced ▪ The loom is ideally suitable for decentralized powerloom sector. Since weft insertion is continuous from cone feed, higher work assignment is possible ▪ Commercial viability is comparatively better than semi automatic drop box shuttle loom |
| Area of applicability | Weavers |
| Target beneficiaries | Weaving mills |
| Status | Completed |
| Name of Licence | Industrial Engineering Works 27, 8 th cross, Magadi Road, Bangalore – 560 023 |