

## Khadi and Textile Department

### Details of short / Long term training program

Sub-Theme/ skills	Duration
1.a.Solar charkha Spinning & Maintenance	Two weeks
1.b.Ginning & Pre-spinning Technology based on Decentralized Sliver plant (DSP) concept	Two weeks
1.c.advanced Weaving and other fabric Technology	Four weeks
1.d. Solar Garment Manufacturing and Marketing (SFM)	Four weeks
1.e.Knitting of Solar/ Khadi yarn	Two weeks
2.a. Application of Soft and stiff finish technology on Khadi Textures.	Two weeks
2.b. Natural Dyeing Technology applicable to Khadi and preparatory processes.	Three weeks
2.c. Printing of Khadi with natural dyes using blocks and screens	Two weeks
3.a.Advance Garment manufacturing technology (on reach CAD software) with or without embroidery	Two weeks
3.b.Computer aided Faison designing	Two weeks
3.c. Computer aided textile designing For i)Dobby (woven) or ii)Jacquard (woven)	Two weeks for each (i) or (ii)
4.a. (i) Chemical or (ii) physical testing procedures of Fibre, Yarn and fabrics ( cotton, wool, and silk)	Two weeks each for(i) Chemical or (ii) physical testing
5.Silk Reeling	One week

P.S . No food will be provided and hostel charges extra , if available. The duration of the program may be increased or decreased in special cases as per the requirement. For details, please contact Dy. Director ( K&T).

## Testing Services

S.N.	Parameters to be checked
1.	2.5% span length, uniformity ratio, strength, Elongation, micronaire, maturity ratio
2.	Colour grade of cotton(Rd,+b),trash
3.	Cotton Trash Analysis
4.	Cotton Moisture content Checking
5.	Fibre fineness
6.	Fibre length
7.	Fibre bundle strength
8.	Fibre maturity
9.	Roving hank
10.	Yarn count
11.	Yarn csp
12.	Warp & weft yarn count
13.	Fabric tearing strength
14.	Fabric GSM
15.	Sliver hank testing
16.	T.P.I. of yarn
17.	Ends/picks per inch
18.	Crease Recovery
19.	Strength of yarn received from fabric
20.	Tensile strength of fabric with elongation
21.	Fabric stiffness
21.	Wool fibre length
23.	Wool fibre strength
24.	Wool fibre fineness

25.	Fibre maturity Checking
26.	Fabric pilling Checking
27.	Fabric shrinkage checking
28.	Fabric Colour fastness to washing checking (Up to test no.5)
29.	Fabric Light fastness checking (Up to test no.5)
30.	Fabric rubbing Fastness checking
31.	PH determination
32.	Fibre identification by chemical method

### Processing Services-

S.N.	Process
1	Seed Cotton to Roving
2.	Seed Cotton to Roving (without Sarki)
3.	Roving To Yarn (with solar charkha)
4.	Card sliver to Roving
5	Raw cotton to Ginning
6	Selling of Sarki
7.	Weaving pre-weaving
8.	Weaving plain
9.	Weaving pattern
10.	Yarn dyeing per Kg.
11.	Yarn Bleaching per Kg.
12.	Fabric bleaching per meter
13.	Fabric dyeing per meter
14.	Calendaring of Fabric per meter