

GOVERNMENT OF ODISHA  
DEPARTMENT OF HANDLOOMS, TEXTILES & HANDICRAFTS

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No. II.OE- 12/2019/ 8272 /HT&H, Bhubaneswar dated 17/12/2019

From

Sri Bijaya Kumar Prusty,  
Under Secretary to Government.

To

The Head State Portal Group,  
IT Centre, Secretariat Building, Bhubaneswar.

Sub- Uploading of Advertisement in the website of HT&H  
Department.

Sir,

In inviting a reference to the subject cited above I am directed to enclose herewith the Advertisement inviting Applications for Empanelment of MCM and request you kindly to upload the same in the website of HTH department (ie- <https://handloom.odisha.gov.in/>) in a prominently visible place for wide circulation.

Yours faithfully

  
Under Secretary to Government

**STATE AGENCY FOR DEVELOPMENT OF HANDLOOM CLUSTERS**

(An autonomous Organisation under Handlooms, Textiles & Handicrafts Department, Government of Odisha)

At: Directorate of Textiles, Odisha, Satyanagar, Bhubaneswar-751007

Tele: 0674-2572256, Email: sadhacorissa@gmail.com, www.sadhacodisha.org

Letter No. 837 / Dated the 5/12/19, Bhubaneswar  
SADHAC/310/2019

To

✓ The Addl. Secretary to Govt.,  
Handlooms, Textiles & Handicrafts Department,  
Bhubaneswar



Sub: Upload of Advertisement for "Inviting Applications for Empanelment of MCM" in website.

Sir,

*Social Media etc.*  
With reference to the subject cited above, I am directed to intimate that, skilled Weavers/ Dyers from Handloom sector are required for engagement as State Level Master Crafts Man (MCM) to impart training under Capacity Building Programme of State Govt. scheme.

It is therefore requested, to kindly upload the enclosed advertisement matters on the website of your kind department.

Yours Faithfully,

*5-12-19*  
Dileep Bagh  
Chief Executive Officer, SADHAC

N.B.:- Enclosed as above.

Memo No. 838 / Date 5/12/19

Copy submitted to the Director of Textiles & Handloom, Odisha for favour of kind information and necessary action.

*5-12-19*  
Dileep Bagh  
Chief Executive Officer, SADHAC

Memo No. 839 / Date 5/12/19

Copy submitted to the Managing Director, Sambalpuri Bastralaya Hl. CS Ltd. for favour of kind information with a request to kindly upload the enclosed advertisement matters on the website of your organisation.

*5-12-19*  
Dileep Bagh  
Chief Executive Officer, SADHAC

**Directorate of Textiles, Odisha  
Satyanagar, Bhubaneswar-751007**

**INVITING APPLICATIONS FOR EMPANELMENT OF MCM**

**ADVERTISEMENT REFERENCE: SADHAC/ 310 - 12/2019**

Directorate of Textiles, Odisha invites fresh applications from interested skilled Weavers/ Dyers from Handloom sector for empanelment as State Level Master Crafts Man (MCM) to impart training in (i) Basic weaving, (ii) weaving with Jalla & Dobby, (iii) Weaving with Jacquard, (iv) Tie & dye making and weaving, (v) Dyeing, (vi) Gurusishya Parampara under capacity building Programme implemented under Directorate of Textiles, Odisha.

**Last Date for submitting Application form: Date-25.12.2019, 3:00 PM.**

Bio-data Form for empanelment in the list of MCM and Formal structure & Syllabus of the training programme can be downloaded from the websites:

<https://handloom.odisha.gov.in>, <https://www.sambalpuribastralaya.com>,  
[www.sadhacodisha.org.in](http://www.sadhacodisha.org.in).

Interested candidates are requested to send their applications along with duly filled in Bio-data by Regd./ Speed Post on following address.

State Agency for Development of Handloom Clusters (SADHAC) At: Directorate of Textiles, Odisha 1<sup>st</sup> floor, Satyanagar, Bhubaneswar- 751007 (Odisha), Email-  
sadhacorissa@gmail.com, Ph. 0674-2572256

**Sd/- Member Secretary, SADHAC**

**Bio-data for empanelment in the list of Master Crafts Man  
for imparting Training in Handloom Sector**

1. Name of the applicant:
2. Date of birth:
3. Father's/Husband's Name:
4. Detail postal Address:

Passport size  
photograph to  
be attached

5. Contact number with e-mail (if any):
6. AADHAAR Number:
7. Bank Account details:
8. Qualification (Xerox copies of certificate to be attached):
9. Present Profession:
10. Year of experience in detail with supporting documents:
11. Specialisation (if any):
12. Awards received, if any (Documents to be enclosed):
13. Name of the trade/ trades in which wants to be empanelled (Put selection box with tick mark) :  
 (i) Basic weaving     (ii) Weaving with Jalla & Dobby     (iii) Weaving with Jacquard  
 (iv) Tie & Dye making and Weaving     (v) Dyeing     (vi) Gurusishya Parampara
14. Copy of Documents to be enclosed:
  - a. Weavers' Identity Card
  - b. AADHAAR card
  - c. Front page of Bank Pass Book
  - d. Certificate towards qualification
  - e. Awards received
  - f. Any other (likes to enclose)

To the best of my knowledge the above facts are true.

**Signature of the Applicant**



18.f

### 3. FORMAL STRUCTURE OF THE TRAINING:

#### 3.1. Basic Level Training Programme:

##### 3.1.1. Basic Weaving:

| Subjects to be Covered   | Estimated learning hours |
|--|--------------------------|
| Differentiate Yarn count & Quality   | 32                       |
| Demonstrate on different parts of a handloom like, Slay, Reed, Heald, Cloth Beam, Warp Beam, Shuttle Box, Picker, Buffer, Let-off & Take up motion, Temple, Treadles etc.  | 32                       |
| Perform Wet Processing like, Scouring & Bleaching of Cotton yarn & degumming and bleaching of Tassar / Silk Yarn, Sizing of Yarn.  | 136                      |
| Perform preparatory processes like Bobbin & Pirn Winding, Warping, Denting, Drafting, setting of warp Beam & Connecting Warp Beam to cloth beam.   | 368                      |
| Demonstrate different primary motions such as Shedding, Picking & Beating, Setting of treadles & rollers arrangement with heald shafts for shedding, Setting of picker buffer & picking ropes for picking. Control of movement of slay for beating. Demonstrate different Secondary motions like take up & let-off & their setting on loom.  | 616                      |
| Perform cutting of fabric as per length (Specification) folding of fabrics, coding & packing of fabric.<br>Perform quality parameters for defect free fabrics like maintaining of selvedge, Joining of broken ends, avoiding shuttle trapping, maintaining uniform beating<br>Calculate the consumption of yarn & other raw materials and fix the conversion charges for pricing of the fabrics. | 54                       |
| Adopt preventing measures relating to shuttle out tracking, fire catching during weaving & post weaving stage, infection of throat & lungs due to cotton lint etc.   | 10                       |
| <b>Total Hours</b>   | <b>1248</b>              |

##### 3.1.2 Tie & Dye Making and Weaving:

| Subjects to be Covered  | Estimated size (learning hours) |
|---|---------------------------------|
| <b>Concepts of fibre &amp; yarn:</b><br>- Know the concepts of fibre & yarn and their types and introduction of impurities on Cotton / Silk Yarn. | 8                               |

**Concept of Tie & Dye (Ikat):**

16

Understanding Tie & Dye (Ikat) Design.

- Understanding various traditional Ikat designs of fabrics of Odisha.
- Design & Colour selection for different types of fabrics.
- Understanding Weft Ikat, Warp Ikat, Double Ikat and combined Ikat.

**Treatment of yarn for Dyeing:**

72

Understanding the relevance and processes for treatment of cotton / silk yarns.

- Use of different chemicals/acids etc. in scouring, bleaching/degumming, dyeing etc.
- Scouring, Bleaching, half bleaching etc.

**Preparation of Weft Ikat:**

244

- Preparation of subgroups. Winding of yarn in bobbin, warping & sub grouping.
- Preparation of groups.
- Transferring & mounting on frame.
- Understanding tying & dyeing, washing & drying, untying, separation from groups to subgroups, subgroups to individual thread and winding in pirn for making Tie & Dye Design on loom.

**Preparation of Warp Ikat:**

244

Preparation of yarn setup for fabric, warping, selection of subgroups, groups.

- Transferring & mounting on frame.
- Understanding tying & dyeing, washing & drying, untying, separation from groups to subgroups, subgroups to individual set and fitting on loom for weaving as warp design.

**How to weave on a loom:**

208

- Understanding terms and sequential processes involved in weaving operations with Ikat warp & weft.
- Ability to undertake weaving operations with Ikat warp & weft.

**Costing of Woven Fabrics**

8

**Assessment**

32

**Total**

**832**



185  
3.1.3 Dyeing:

| Subjects to be Covered   | Estimated learning hours |
|--|--------------------------|
| <b>Concepts of fibre &amp; yarn:</b><br>- Know the concepts of fibre & yarn and their types and introduction of impurities on Cotton / Silk Yarn.  | 8                        |
| <b>Treatment of yarn for Dyeing (Scouring, Bleaching, Souring, Degumming)</b><br>-Understanding the relevance and processes for treatment of cotton / silk yarns.<br>- Use of different chemicals/acids etc. in scouring, bleaching/degumming, dyeing<br>etc. Scouring, Bleaching, half bleaching etc.   | 96                       |
| <b>Dyestuffs and its Application on Yarn:</b> <ul style="list-style-type: none"> <li>- Classification of Dyestuffs; Natural and Synthetic</li> <li>- Application of Vat / Reactive / Acid / Metal Complex / Natural Dyestuffs on Cotton / Silk yarn</li> <li>- Importance of Colour Fastness – Washing / laundering, Light, Rubbing, Sublimation,</li> </ul> | 296                      |
| <b>Assessment</b>  | 16                       |
| <b>Total</b>   | <b>416</b>               |

3.2 Higher Level Training Programme:

3.2.1 Weaving with Jacquard:

| Subjects to be Covered  | Estimated learning hours |
|---|--------------------------|
| <b>Concepts of Jacquard:</b><br>Understand the necessity / role of Jacquard in Handloom Weaving.<br>- Understand process flow involved in handloom weaving with Jacquard.<br>- Identify different types of Jacquard. Understand structure and functioning of loom with<br><br>Jacquard. Understanding extra warp & extra weft. Identify Parts of Jacquard and its functioning. Identify the allied Accessories with jacquard like Card, Lace, Harness, Lingo etc. Understanding design, card, card cutting/punching, card lacing etc. | 40                       |

|  |            |
|--|------------|
| <b>Preparation of yarn:</b>  |            |
| Understanding relevance & processes for preparation of yarn for weaving with Jacquard.   | 40         |
| <b>Concept of Loom preparatory processes:</b>  |            |
| Understanding structural chain of sequential process of designing, graph enlargement, insertion of suitable weave, Card Cutting/punching as per scheduled design, Card Lacing, Harnessing, extra weft/warp preparation for weaving with Jacquard       | 144        |
| <b>Loom Setting for Jacquard:</b>  |            |
| - Understand assembling of a Jacquard. Mounting of Jacquard onto the loom for weaving.   | 216        |
| - Mounting of card onto the Jacquard for weaving.  |            |
| <b>How to weave on a loom:</b>   |            |
| - Understanding terms & sequential processes involved in weaving preparations with extra warp & extra weft. Ability to produce fabric with jacquard design like small buttis, and large butta comprising of both free shuttle & interlock arrangement. | 320        |
| <b>Costing of Woven Fabrics:</b>   | 40         |
| <b>Assessment</b>  | 32         |
| <b>Total Hours</b>   | <b>832</b> |

**3.2.2 Weaving with Jalla and Dobby:**

| <b>Subjects to be Covered</b>  | <b>Estimated learning hours</b> |
|--|---------------------------------|
| Understand the necessity/role and process of Jalla & Dobby in Handloom Weaving, identify different types of Dobby, understand structure and functioning of loom with Jalla & Dobby, understanding extra warp & extra weft, identify Parts of Dobby and its functioning, identify Jalla and its functioning and finally weaving with Odisha Ikat. | 8                               |
| Understanding the relevance and processes for preparation of Jalla   | 16                              |
| Understand and demonstrate the structural make-up of sequential process of extra warp preparation for weaving with Dobby.  | 36                              |
| Demonstrate the design, fixation of pegs on grooved base of lattice as per design, mounting of lattice onto the cylinder for weaving.  | 68                              |



|  |            |
|--|------------|
| Perform the sequential process of Extra Weft preparation for weaving with Jalla, mounting of Jalla onto the loom for weaving, understanding the design and preparation of Jalla with a particular design, change of Jalla setting for weaving with a different design and Odisha Ikat. | 112        |
| Demonstrate sequential processes involved in unwinding of readymade Ikat, identifying starting & end point of an Ikat design, weaving operations with extra warp & extra weft.   | 96         |
| Adopt preventing measures relating to shuttle out tracking, fire catching during weaving & post weaving stage, infection of throat & lungs due to cotton lint etc.   | 16         |
| <b>Practice of all processes</b>   | 40         |
| <b>Assessment.</b>   | 24         |
| <b>Total</b>   | <b>416</b> |

**3.2.3 Guru - Sishya Parampara:**

| Subjects to be Covered   | Estimated size (learning hours) |
|--|---------------------------------|
| <b>Concept of Art, Traditional Motifs &amp; Designs:</b><br>-Understanding different features of art and motifs<br>-Elements of Designs like texture, motif and colour   | 56                              |
| <b>Art and Graph:</b><br>-Drawing of different artistic designs on paper<br>-Transferring Paper Design into Graph  | 224                             |
| <b>Raw Materials:</b><br>-Importance of yarn count and quality<br>-Importance of Different Dyestuffs used for making motifs.<br>-Importance of different fastness properties like washing, light, rubbing, etc.  | 24                              |
| <b>A. For Tie &amp; Dye Designs:</b><br><b>Concept of Tie &amp; Dye (Ikat):</b><br>Understanding Tie & Dye (Ikat) Design.<br>- Understanding various traditional Ikat designs of fabrics of Odisha.<br>- Design & Colour selection for different types of fabrics.<br>- Understanding Weft Ikat, Warp Ikat, Double Ikat and combined Ikat. | 896                             |

**Treatment of yarn for Dyeing:**

Understanding the relevance and processes for treatment of cotton / silk yarns.

- Use of different chemicals/acids etc. in scouring, bleaching/degumming, dyeing etc.

- Scouring, Bleaching, half bleaching etc.

**Preparation of Weft Ikat:**

- Preparation of subgroups. Winding of yarn in bobbin, warping & sub grouping.

- Preparation of groups.

- Transferring & mounting on frame.

- Understanding tying & dyeing, washing & drying, untying, separation from groups to subgroups, subgroups to individual thread and winding in pirn for making Tie & Dye Design on loom.

**Preparation of Warp Ikat:**

Preparation of yarn setup for fabric, warping, selection of subgroups, groups.

- Transferring & mounting on frame.

- Understanding tying & dyeing, washing & drying, untying, separation from groups to subgroups, subgroups to individual set and fitting on loom for weaving as warp design.

**How to weave on a loom:**

-Understanding terms and sequential processes involved in weaving operations with Ikat warp & weft.

- Ability to undertake weaving operations with Ikat warp & weft.

**B. Non-Tie & Dye Designs:**

**i. Dobby & Jalla Designs:**

- Understanding the necessity / role and process of Jalla & Dobby in Handloom Weaving,

- Understanding structure and functioning of loom with Jalla & Dobby

- Understanding extra warp & extra weft

- Understanding the relevance and processes for preparation of Jalla

- Demonstrating the structural make-up of sequential process of extra warp preparation for weaving with Dobby.

- Demonstrating the design, fixation of pegs on grooved base of lattice as per design, mounting of lattice onto the cylinder for weaving.

- Performing the sequential process of Extra Weft preparation for



- weaving with Jalla, mounting of Jalla onto the loom for weaving, understanding the design and preparation of Jalla with a particular design, change of Jalla setting for weaving with a different design.
- Demonstrating sequential processes involved in unwinding of readymade Ikat, identifying starting & end point of an Ikat design, weaving operations with extra warp & extra weft.
- Adopting preventing measures relating to shuttle out tracking, fire catching during weaving & post weaving stage, infection of throat & lungs due to cotton lint etc.

896

**ii. Designs with Jacquard:**

- Understanding the necessity / role of Jacquard in Handloom Weaving.
- Understanding process flow involved in handloom weaving with Jacquard.
- Understanding structure and functioning of loom with Jacquard.
- Understanding extra warp & extra weft.
- Identifying Parts of Jacquard and their functioning.
- Identifying the allied Accessories with Jacquard like Card, Lace, Harness, Lingo etc.
- Understanding the design, card, card cutting/punching, card lacing etc.
- Understanding the relevance and processes for preparation of yarn for weaving with Jacquard.
- Understanding structural chain of sequential process of designing, graph enlargement, insertion of suitable weave, Card Cutting/punching as per scheduled design, Card Lacing, Harnessing, extra weft/warp preparation for weaving with Jacquard
- Understand assembling of a Jacquard.
- Mounting of Jacquard onto the loom for weaving.
- Mounting of card onto the Jacquard for weaving.
- Understanding terms and sequential processes involved in weaving preparations with extra warp & extra weft.
- Ability to produce fabric with jacquard design like small buttis, and large butta comprising of both free shuttle & interlock arrangement.

**Costing of Woven Fabrics**

16

**Assessment**

32

**Total**

1248