  

CAD Lab Meghalaya Training,

Digital India Corporation

(DigiBunaiTM Computer Aided Textile Designing Software)

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| Day | Topic | Content | Duration | Date | Timing |
| 1 | Document Verification of trainer's qualification &  related experience | | 1 hours | 1st July,  24 | 11.00 am  to 12.00am |
| 2 | DigiBunai™ Introduction & Installation | 1. Textile Designing & CAD intervention. 2. Introduction of DigiBunai™ application with functional capabilities.    * Dobby Weave    * Artwork Designer    * Fabric Creator    * Garment Viewer    * Utility    * User 3. Installation of DigiBunai™ application. 4. User Registration on DigiBunai™ application | 3 Hours | 1st July,  24 | 12.00 pm to 04.00pm |
| 3 | Paper Drawing to Artwork | 1. Preparation of paper drawing (two paper design from each user) 2. Best practices for scanning paper design. (Paper Drawing with pen outline without color fill)    * Scanner setting    * Paper Design quality    * Size of design and paper    * Format of scanned design 3. Design Editing & Repeat Visuals    * Design Import and crop    * Resizing based on the loom parameters (Hooks and Picks) | 4 hours | 2nd July,  24 | 11.00am to 04.00pm |

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|  |  | * Color Reduction of design * Editing of scanned design * Color filing in Design * Repeat mode |  |  |  |
| 4 | Artwork to Jacquard designs | 1. Weave filling into the design (color/area specific) 2. Weave Clear, Modification & Assignment. 3. Graph Generation 4. Boundary protection 5. Float finding and binding 6. Graph editing 7. Printing & Export of Design & Graph. 8. Punching of graph-automatic punching machine    * Multi-color    * Single-color    * Split Graph 9. Technical Sheet, Design &   Graph: Export & Print | 4 hours | 4th July,  24 | 11.00am to 04.00pm |
| 5 | Artwork to Fabric & Garment Visualization | 1. Create & Visualize fabric    * Selection of artwork    * Selection of base fabric    * Selection of extra weft/extra warp    * Weave filling and modification    * Boundary Protection    * Fabric Visuals    * 2D Mapping 2. Design and Yarn Editing    * Design Graph corrections    * Yarn float finding & binding    * Yarn Color change    * Yarn Density    * Yarn Sequencing    * Repeat mode    * Yarn consumption & Fabric quality 3. Technical Sheet, Fabric & Graph: Export & Print 4. Garment Creation & Visualization    * Selection/Customization of layout | 4 hours | 5th July,  24 | 11.00am to 04.00pm |

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|  |  | * Design assignment on layout * Yarn color change * Design orientation change * Layout & Technical Sheet: Export & Print |  |  |  |
| 6 | Creation of Weaves | 1. Overview of Dobby module 2. Create weaves    * Setting repeat size    * Create weave    * Drafting, Peg-plan, Tie- up, Treadling Sequence 3. Open/Edit Weaves    * Rotate, tilt, move, invert, Copy Paste    * Save/Creation of Weave library    * Double Cloth    * Multi Weave 4. View    * Repeat of the weave    * Fabric Visuals    * Colorways    * 2D Mapping | 4 hours | 8th July,  24 | 11.00am to 04.00pm |
| 7 | * A high level demonstration of advance features of DigiBunai™ CAD: Fabric Simulation & Electronic Jacquard Support. * User Issues & Feedback | | | |  |

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| **Training Prerequisites:** |  |
| Computer System (RAM: Min. 4 GB, CPU: i3 or above, Operating System: Windows 7/8/10)  with internet connectivity. |  |
| Stationery: A4 Sheets (Min. 5 sheets per user), Gel pen (Blue/Black), Pencil, Eraser, Sharpener,  Scale, etc. |  |
| Flatbed Color Printer & Scanner (Preferable 300 DPI) |  |