**REPORT ON CAD/CAM PROGRAMMES (2022-2023)**

**ONE YEAR DIPLOMA IN CAD-CAM AND COMPUTER TECHNOLOGIES IN THE APPAREL INDUSTRY**

The programme is recognized by the University of Mumbai, conducted by the Department of Textile and Fashion Technology. It was co-ordinated by Dr. Pratima Goyal and Ms. Vrinda Udiaver.

Thirty seven T.Y. B.Sc. students Branch III Textile and Fashion Technology (TFT) and one M.Sc. I TFT student (as a bridge course) enrolled for the programme (Total of 38 students). It is a mandatory requirement for the Bachelor’s degree programme. Theory and practicals were taught by Mr. Sameer Panchamatia and supervised by Ms. Vrinda Udiaver.

The Semester I classes commenced from 21st September 2022 and ended on 18th January 2023. Semester I Examination was held on 30th January, 2023. Semester II classes were conducted from 8th February, 2023 to 5th April, 2023.

Thorough training on using CorelDraw Version 15 and Richpiece Designing and Pattern Making Software was imparted during the sessions. Tools of CorelDraw were used to create for making different shapes of necklines, print repeats, embroidery motifs, croquis rendering, garment rendering pattern creation and designing stationery (related to branding). Richpiece Software was used for drafting of patterns and creation of styles using different types of collars, sleeves, pleats, etc. Layout efficiency, optimised fabric utilization and introduction to Photoshop were well covered in the classes. Students worked on different assignments based on aforementioned topics.

* **Reported by Dr. Pratima Goyal and Ms. Vrinda Udiaver**

**Programme Coordinators**

**ADD-ON ONLINE AND OFFLINE DIPLOMA COURSE IN CAD, CAM AND COMPUTER TECHNOLOGIES IN THE TEXTILE AND APPAREL INDUSTRY - INTERMEDIATE**

This Programme is a mandatory requirement for the Master’s degree programme. Seven students of M.Sc. I Branch III, Textile and Fashion Technology enrolled for the programme.

Semester I commenced on 14th September 2022 to 28th January 2023. Semester II commenced on 11th February 2023 to 1st April 2023.

Skills on using Photoshop tools including vector/rastor, creating repeats croquis rendering garment rendering, colour variation, layouts, website design and animation using Adobe Photoshop and Corel Draw, Video editing, transitions, voice over multi-track editing, etc. were well covered in the class and students worked on assignments related to the mentioned topics.

**ADD-ON ONLINE AND OFFLINE DIPLOMA COURSE IN CAD, CAM AND COMPUTER TECHNOLOGIES IN THE TEXTILE AND APPAREL INDUSTRY – ADVANCED**

This programme is a mandatory requirement for the fulfilment of the Master’s degree programme. Nine M.Sc. II students enrolled for this programme.

Semester I commenced on 14th September 2022 to 28th January 2023. Semester II commenced on 9th February 2023 to 8th April 2023. Training on using Adobe Photoshop tools for 3D Image creating, meta data panel, introduction to 3D and digital platform, Colour software, Online software for colours, Online Advertising and Marketing, Web page coding, Website and portfolio designing, Design user interface, image optimization, creating a domain and publishing a website were well-covered and assignments were given based on these skills taught. This soft-skill based training programme was intensive including both theory and practical that were effectively taught by Mr. Sameer Panchamatia and supervised by Dr. Pratima Goyal and Dr. Vishaka Karnad.

* **Reported by Dr. Pratima Goyal and Dr. Vishaka Karnad**

**Programme Coordinators**