

CAD-CAM AND COMPUTER TECHNOLOGIES IN THE TEXTILE AND APPAREL INDUSTRY

Conducted By

DEPARTMENT OF TEXTILE & FASHION TECHNOLOGY

(2023-24)

Name of the Coordinators: Dr. Pratima Goyal and Dr. Anjali Srivastava

Name of Teaching Faculty: Mr. Charuhas Jadhav

The rapidly evolving apparel industry increasingly relies on advanced technologies to enhance design, production and efficiency. In response to this trend, the Department of Textile and Fashion Technology designed an Add-On Diploma Course in CAD-CAM and Computer Technologies in the Textile and Apparel Industry. This course aimed to equip participants with essential skills and knowledge necessary for utilizing computer-aided design and manufacturing application and technologies in fashion and textile production. The Department of Textile and Fashion Technology is offering Add-On Diploma Course in CAD-CAM and Computer Technologies in the Apparel Industry as Basic level for T.Y.B.Sc. students, Add-On Online & Offline Diploma Course in CAD-CAM and Computer Technologies in the Textile and Apparel Industry- Intermediate level for M.Sc. I students and Add-On Online & Offline Diploma Course in CAD-CAM and Computer Technologies in the Textile and Apparel Industry - Advanced level for M.Sc. II students of the department. Each of these course are of one year duration and are approved by the University of Mumbai.

The primary objectives of the course is to provide a comprehensive understanding of CAD and CAM technologies in apparel design and production. It aims to develop practical skills. The course comprised of a blend of theoretical lectures, hands-on practical, design projects and portfolio development. The curriculum included overview of various tools and their applications in fashion design, hands-on training in industry-standard software like Adobe Illustrator, CorelDRAW, Richpeace, etc., for creating and modifying garment patterns using softwares and understanding the principles of pattern grading and marker making, as well as developing designs for printed, woven and embroidered fabrics.



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This course is compulsory for all the students of the department. For outside students getting admission in M. Sc. I, they have to complete Basic level course along with Intermediate level. Participants successfully gained proficiency in various CAD/CAM software tools and techniques, enhanced understanding of the CAD-CAM workflow in apparel production and practical experience in creating digital patterns and portfolio development.

The Add-On Diploma Course in CAD-CAM and Computer Technologies in the Apparel Industry effectively met its objectives in providing students with important skills to navigate the technological landscape of the fashion industry. The course reinforced the Department of Textile and Fashion Technology's commitment to advancing education and professional development in this dynamic field.

Number of students at T.Y.B.Sc. – 32

Number of students at M.Sc. I – 12

Number of students at M.Sc. II – 6

List of registered students- TYBSc

| Sr. No. | Name of the Student |
|---------|--|
| 1 | Ansari Anam Mohd Shamim Zeenat |
| 2 | Balsara Sakina Juzer Nafisa |
| 3 | Boxwala Ummesalema Mohammed Batul |
| 4 | Dabir Salwa |
| 5 | Devera Bhavika Prakashchand Rajeshwari |
| 6 | Dhariwala Raheel Zuzer Jumana |
| 7 | Ghaniwala Misba Rafique Sharmin |
| 8 | Kachwala Sakina Ibrahim Arwa |
| 9 | Khan Arifa Shamsuddin |
| 10 | Khan Mantasha Amin Sameena |
| 11 | Khot Malisha Manoj Snageeta |
| 12 | Kolad Batul Fatima Ismail Hamida |
| 13 | Mahuwawala Fatema Saifuddin Tasneem |
| 14 | Makwana Isha Dhirajlal Bhanu |
| 15 | Mane Purna Nagnath Pramila |
| 16 | Muni Durva Premal Trupti |
| 17 | Patanwala Amatullah Shabbir Sakina |
| 18 | Rathod Het Jitendra Mamta |
| 19 | Rukaiya Burhanuddin Rashida |
| 20 | Shaikh Aayesha Aziz Tahmeen |
| 21 | Shaikh Ayesha Yusuf Shahnaj |
| 22 | Shaikh Sadiyah Feroz Tabassum |



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| | |
|----|---------------------------------------|
| 23 | Shaikh Simra Shabir Shama |
| 24 | Shaikh Zoya Mqsood Sadqa Bano |
| 25 | Sharma Jaya Deepak Poonam |
| 26 | Shelar Sanika Balkrishna Sunita |
| 27 | Shetty Advika Satish Preethi |
| 28 | Tiwari Palak Sushil Suman |
| 29 | Ujjainwala Mariya Burhanuddin Alifiya |
| 30 | Zaidi Nashra Haseen Tehseen |
| 31 | Syed Asnauroj Amir Rubina |
| 32 | Shinde Sanjana Baban |

List of registered students - MSc I Students

| Sr. No. | Name of the Student |
|---------|------------------------------|
| 1 | Bhogle Megha Pandurang |
| 2 | Gatte Sudiksha Parmeshwar |
| 3 | Gupta Khushi Dilip |
| 4 | Kadam Kamaksha Pankaj |
| 5 | Lopes Esyia |
| 6 | Mistry Shreya Kamlesh Kavita |
| 7 | Nulwala Alefiyah Yusuf Arwa |
| 8 | Pandey Meemansha Shailesh |
| 9 | Patil Sanika Uday |
| 10 | Saifee Khadija Huzefa |
| 11 | Sapre Meeta Vikrant |
| 12 | Shelar Neha Atul |

List of registered students - MSc II Students

| Sr. No. | Name of the Student |
|---------|--|
| 1 | Bharthwal Prachi Rajendrprasad |
| 2 | Dharod Maitri Ilesh |
| 3 | Jadhav Mansi Chandramani |
| 4 | Rangwala Sakina Azizali |
| 5 | Shah Niyati Alpesh |
| 6 | Shajapurwala Zehra Shabbirhusain Tasneem |

Report written by Dr. Anjali Srivastava

Edited by Dr. Pratima Goyal



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