

RMG lab:

As ready made garments is the largest contributor to the country's export income, Apparel manufacturing technology aims to provide adequate knowledge for the students to make them capable of sewing the cut fabrics precisely. This lab is equipped with the machinery that helps convert the fabric into garments. From the conventional and manually operated Butterfly sewing machine to the updated and digital sewing machine, all are available in this lab. The European Union and ILO jointly worked to develop this lab.

The key machinery of this lab include:

1. Lockstitch machine: creates a straight seam by connecting two threads, one on top and one on the bottom, to form a secure lock. Lock stitch is extensively used for joining fabrics collar, cuff, pocket, sleeve, facing etc. Lockstitch type 301 is the simplest, which is shaped from the needle thread and the bobbin thread.
2. Straight knife cutting machine: a tool used in the garment industry to cut fabric vertically in bulk. It's used to cut various fabrics and shapes, and is responsible for over 99% of cutting in the garment industry.
3. Button sewing machine: it sews buttons onto garments without damaging them. It uses a chain stitching method to sew buttons into fabric.
4. Feed of the arm machine: It is used to stitch a tubular seam of narrow width on the edge of shirts and trousers. It is particularly utilized for sewing a lapped seam which has to be closed such that the garment panels become a tube-like structure. These machines are common for sewing outside leg seams in jeans where the lap felled seam is used.



Lock Stitch Machine



Straight Knife Cutting Machine



Button sewing machine




Feed of the arm machine

There are some more machinery are used in this lab that include.....

ক্রমিক নং	কক্ষ নং	ব্যবহৃত মালাশাল/যন্ত্রপাতি/আসবাবপত্রের নাম	রাজস্ব (GOV)/ প্রকল্প (STEP)	ইনভেন্টরী নম্বর (যদি থাকে)	পরিমাণ	ব্যবহার কারীর নাম/ পদবী	টেকনো লজি/ শাখা	মন্তব্য
01	107	1- Needle lock stitch machine,JUKI-DDL-5550N	Gov		02 Sets	RMG Lab	AMT	02 Active
02		1- Needle Double Chain stitch machine,JUKI-MH-481	Gov		01 Set			01 active
03		2- Needle Over lock machine,JUKI-MO-6714-BE6-44H	Gov		02 Set			02 active
04		1- Needle lock stitch Button Holing machine,JUKI-Lhb-781	Gov		01 Set			01 active
05		Button Sewing Machine, JUKI-LK-1903 ass	Gov		01 Set			01 active
06		4- Needle Kansai Sewing Machine, KANSAI-DFB-1404psf	Gov		01 Set			01 active
07		Straight Knife Cloth cutting Machine, KM-KS-AU-V	Gov		01 Set			active
08		Flatbed inkjet plotter & Cutter,Br-Rich peace, Model:-RP-TM1512S-MJKC	Step		01 Sets			inactive
09		Feed of the Arm (Chain Stitch Double needle) Brand:-ZUSUN	Step		03 Sets			inactive
10		Saddle Stitch Machine,Brand:-SEWPOWER,Model:-SP-8800	Step		01 Sets			active
11		Plain Sewing Machine with Auto Trimmer Brand:- SEWPOWER,Model:- sp-281-D4	Step		02 Sets			active

Name of the Craft Instructor in charge of RMG Lab..

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01		Mohammad Arif Uddin	Craft Instructor	01875737497	arifuddin494494@gmail.com