

**ELECTIVE COURSE –II ( EC) - CLOTHING PRODUCTION MANAGEMENT**

**UNIT 1**

Production Planning & Balancing - Process analysis – breakdown of garment production – Production flow charts – improving process. Theoretical balancing – skills & inventory – balance & control – balancing calculations.

**UNIT 2**

Productivity measurement in International, National, Enterprise Level – Benefits of higher productivity – productivity in the individual enterprise. Technique for productivity improvement – improving productivity by reducing work content – ineffective time – management of productivity

**UNIT 3**

Work Study – Basic procedures – pre-requisites of conducting a work study – Factors effecting working conditions – Management & supervision – role in work study – Lighting – Climate – Noise – Vibration – Conditioning

**UNIT 4**

Method Study – Definition & Objectives – Work Measurement – work sampling – time study – equipment – selecting & timing the job. Time study – rating & standard time.

**UNIT 5**

Methods and movements in the work place – introduction – Principles of motion economy – classification of movements – work place layout – design of figures – tools and fixtures – machine controls and display of dials. Process charts – two handled – micro motion study. Use of films in method analysis & other recording techniques. Development of improved methods and methods laboratory.

**References:**

1. A.J.Chuter, Introduction to Clothing Production Management, Blackwell science.
2. Harold Carr, The Clothing Factory, Clothing and footwear Institute, 1972.
3. Kilgus, R. Clothing technology; From Fibre to Fashion, Verlag Europa Lehrmittel, 1996.
4. Tarlos, E. Clothing matters; Questions of dress and identity in India, Hurst 1996.
5. Gaetan, M. Sewn product engineering and reference manual, Bobbin publications. 1977
6. Ruth E Clock, Apparel Manufacturing & sewn product analysis
7. Tyles D J, Material Management in Clothing Production, Blackwell Science Pub.