

2.14 30914 RUBBER TECHNOLOGY

Part-I

1. Compounding work practice Mastication, Blending, Mixing, Master batching,
2. Compound preparation compounding of Synthetic Rubbers Compounding of SBR, Nitrile, Neoprene, EPDM Blending NR with various synthetic Rubbers, (SBR & EVA)
3. Processing of Rubber compounds Extrusion,
4. Calendaring Compression molding Vulcanization practice Steam (Autoclave) cure Hot water cure

Part-II

1. Process identification and material identification of Polymer Products
2. Reinforcing compounding of polymers and processing techniques
3. Familiarize with real industrial processes
4. Create more observation skills
5. Give exposure to industrial atmosphere
6. During the year each student identifies at least 5 products collected in the previous semesters.
7. Identify their manufacturing procedures, ingredients used.
8. Prepare a diary of enquiry.

