

Hemchandracharya North Gujarat University, Patan

B. Sc. Chemistry

Semester : VI

Synthetic Dyes

Paper : SE CH – ~~605A~~
505A

UNIT :- I :

- Introduction
- Synthetic Dyes
- Chromophores, Chromogens, Oxochroms, Bathochromic shift, Hypsochromic shift
- Difference between Dyes and Pigments
- Classification of Dyes
 - According to constitution
 - According to method of coloring the fibres
- Optical Brighteners

UNIT :- II : Synthesis and uses

- Congo Red
- Eosin
- Alizarin
- Crystal violet
- Indigo
- Sefronine –T
- Methylene Blue
- Ereochrom Black –T
- Rhodamine
- Rosanilin

References Books :

1. Synthetic Dyes by Venkatramanan
2. Synthetic Dyes by G.R.Chatwal
3. Synthetic Dyes and Drugs by O.P.Agrawal
4. Synthetic Dyes by O. D. Tyagi & M. Yadav
5. Sanshlesit Rangako, Granth Nirman Board