

PETROCHEMICALS

MODULE I

Overview of petrochemical industrial growth in India. Economics, feedstock selection for petrochemicals.

MODULE II

Production Methods - Reforming and cracking; Sources : Chemicals from synthesis gas, olefins

and aromatics – ethylene, propylene, C4 hydrocarbons, higher olefins, benzene, toluene, xylene.

MODULE III

Acrylonitrile, ammonia, dimethyl terephthalate, ethanol, ethylene glycol, linear alkyl benzene,

methyl tertiary butyl ether, vinyl acetate, vinyl chloride

MODULE IV

Acrylonitrile butadiene styrene, polyethylene, PVC, SAN, ABS, SBR, PAN, nylon, PVT and polycarbonates.

MODULE V

Lubricants, additives, adhesives, agrochemicals, cosmetics raw materials, electronic chemicals,

surfactants, paint, healthcare and pharmaceuticals

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- C R Lahiri ,”Petrochemical Industries Technology and Processes”, CBS; 1ST edition (1 December 2010)
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