

Utilization of conventional / un- conventional sources for BTX / gasoline production

Aromatics especially benzene toluene and xylene (BTX) are important ingredients for verity of petrochemicals. Xylene and toluene also stand as octane contributors to gasoline for fuel applications. So far the BTX is produced from traditional fossil sources especially naphtha. Keeping in depletion of fossil fuels and the availability of low-cost unconventional fossil/bio feeds such as waste-plastic naphtha, kerosene, jatropha oil, ethanol, methanol, glycerol etc, the present project deals with the development of catalytic processes for the effective value addition of such feeds into valuable aromatics.

