

II. TECHNOLOGY PROMOTION, DEVELOPMENT AND UTILIZATION PROGRAMME (TPDUP)

1. INTRODUCTION

The Technology Promotion, Development and Utilization Programmes are directed towards meeting the specific needs of industry and are of particular relevance in the present context. Each component of TPDUP is unique, not addressed by any other government department/ agency.

Programmes and activities under the scheme are centered around promoting industrial R&D, development and commercialization of technologies, acquisition, management and export of technologies, promotion of consultancy capabilities, etc

2. OBJECTIVES

The broad objectives of TPDUP Programmes are:

- ☞ Promote and support industry efforts towards R&D.
- ☞ Encourage R&D system-industry cooperation.
- ☞ Support industry for technology development, demonstration and absorption of imported technology.
- ☞ Build indigenous capabilities for development and commercialization of contemporary products and processes of high impact.
- ☞ Evaluate the status and performance of technology in selected sectors/ areas.

- ☞ Facilitate effective transfer and management of technology.
- ☞ Promote international technology trade including export of technology projects, services and technology intensive products.
- ☞ Promote and strengthen consultancy capabilities for domestic use and export requirements.
- ☞ Support and use mechanisms, both national and international, towards transfer of technology, both within and outside the country.
- ☞ Generate endogenous capacities for the development and utilization of digital information resources for providing inputs to scientific & industrial research in the country.

The objectives are implemented through the following six component schemes.

- ☞ Industrial R&D Promotion Programme
- ☞ Technology Development and Innovation Programme
- ☞ Technology Management Programme
- ☞ International Technology Transfer Programme
- ☞ Consultancy Promotion Programme
- ☞ Industrial R&D and Technology Information Facilitation Programme.