

# Specialty Optical Fibre

## IPR STATUS

Patented

## APPLICATION/USES

Optical Fibre Amplifier/Laser, Super-continuum Source

## SALIENT FEATURES

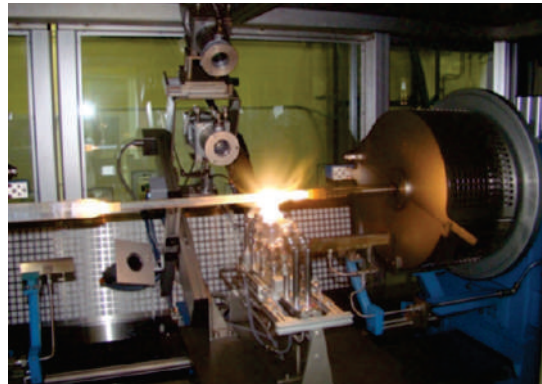
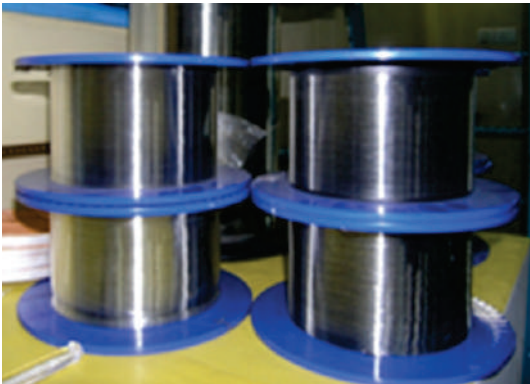
- Er-doped fibre for CATV
- C-band optical amplifier
- Non-Linear Photonic Crystal Fibre (PCF) for Supercontinuum Source (500 – 2200nm)
- Double-clad Yb-doped fibre for laser application@1 micron regime

## LEVEL/SCALE OF DEVELOPMENT

- Commercialized product
- Commercialized through industrial partner

## LINE MINISTRY MAPPING/USER SECTOR

- Department of Telecommunications, MeitY
- Telecommunication and IT sector



Optical fiber spools of Erbium doped fiber, photonic crystal fibre and double clad Ytterbium doped fibre

