

THE HINDU Business Line

C-DOT transfers broadband tech to 7 firms



The Union Minister of Communications and IT, Mr Kapil Sibal, with Ministers of State, Mr Sachin Pilot(left) and Mr Milind Deora, releasing the C-DOT Technology" GPON in the Capital on Monday. - Kamal Narang

NEW DELHI, DEC 5:

The Centre for Development of Telematics (C-DOT) has entered into an agreement with seven manufacturing companies for transferring indigenously designed and developed high speed broadband technology.

The technology, Gigabit Passive Optical Network (GPON), is being transferred to Indian Telephone Industries Ltd, Bharat Electronics Ltd, **VMC Systems Ltd**, United Telecoms Ltd, Sai InfoSystem (India) Ltd, and S M Creative Electronics Ltd.

In addition, an agreement has also been signed with Tejas Networks Ltd for customised development and Electronics Corporation of India Ltd (ECIL) is in the advance stage of agreement.

GPON technology is used for broadband connectivity over optical fibre. C-DOT has indigenously designed and developed GPON technology, which can be used to provide triple play (voice, video and data) through fibre-based networks. The present GPON standards specify 2.5 Gbps (Gigabit per Second) downstream and 1.25 Gbps upstream data capability to customer premise.

Speaking on the occasion, Mr Kapil Sibal, Communication and IT Minister, said that it is one of the game changer technologies after Nano and Akash during recent years.

Earlier, Mr V.V.R. Sastry, Executive Director, C-DOT, had told *Business Line* that the PSU was also considering developing 4G technologies for wireless broadband connectivity.

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