

## ABSTRACTION

Since technological growth hence requirement of human being to communications progressively mount. One of them is desire of user to technology which can channel the voice and high speed data concurrently, included all user impure fiber.

Technological ADSL is a new technology capable to change the ordinary telephone channel becomes the digital channel of high speed for the fast of internet Access. ADSL give the ability of internet and voice / fax concurrently only use one channel phone so that more simple and modestly. ADSL can be joined with others to line phone where is Jarlokaf. At the moment ADSL also can be used by user of impure fiber. This matter is done by PT.TELKOM to innovate and improve the service because user demands.

User of impure fiber is not used optic as a whole. Cable Optic is only used at primary cable of while at cable sekunder remain to use the copper cable. So that ADSL remain to can be used and joined with others at copper cable.

But at this network, using different equipmentl in different place also. At Jarlokaf attached DSLAM in MDF (central side). This matter is intended by user needn't be new phone and needn't install central newly. While at impure fiber, mini-DSLAM is in ONU. The function is equal to DSLAM

Therefore, at this final project will analyse the technological use of ADSL for impure jarlokaf user in Kandatel Bogor. So that can know the performance, configuraton and affect from the technological use