

S. No.	List of Projects at ALTTC, Ghaziabad
A	Mobile GSM Projects:
1	Planning and Design of 2G Radio Network by Planning Tool ATOLL
2	Optimization of Mobile RF Network./ MAP analysis on protocol analyzer
3	SS7 over IP comparison with SS7/Subscriber creation in MSC.
B	Broadband Projects:
1	IPv6 / Broadband Network
2	MPLS Network / IP Networking / Cyber Security
C	Computers / Information Technology Projects:
1	Design & Development of Interactive Web Portal / VLSI Design with VHDL: With SoC or NoC
2	Design ,Implementation and Configuration of Local Area Networks / On Line HR
3	Embedded System RF & Biometric Access Control System / Training Management System
4	Computer controlled crane with Three degree of freedom
D	OFC Network Projects:
1	Project on SDH Survivability in MSPP and other Configurations /
2	Project on DWDM Network Planning./ Project SDH E1 Link and STM1 Link Testing
3	Project on Optimization of Optical Networks with mixed Network Elements
4	Project on Optical Fiber Link Engineering
E	Telecom Switching Projects:
1	Network Planning and Deployment of Class-5 NGN (C-DoT MAX NG)
2	Call Scenarios in NGN including Video calling through Class-5 NGN (IMS)
3	Network Design Aspects of Class-5 NGN (IMS) / NGN Deployment & Migration Strategies
F	Telecom Civil Projects:
1	Project on Structural Analysis & Design of Buildings using STAAD Pro Software
2	Project on Planning & Design of Building Service
3	Project on Estimation, Costing and Preparation of Tender Document
G	Satellite Communication Projects:
1	Planning & optimization of Radio Frequency (Link Engineering)
2	Concept of Sat Comm/Dish to home/TV Channel/DSNG(OB) VAN/GPS
H	Antenna Projects:
1	Design and analysis of rectangular micro strip patch antenna.
2	Design and analysis of stacked patch antenna for various communication applications
3	PIFA Antenna for MIMO Application
4	Metamaterial Inspired Antenna
I	Telecom Electrical Projects:
1	Air-conditioning Parameters Monitoring & Capacity Testing
2	Energy Monitoring & Auditing
3	Automation in Fire Services

For further details contact:

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