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Curricula Vitae

Name	**RAVINDRANATH N. PADUKONE**
Date of birth	23rd December, 1951
Present designation	Deputy Director General (Strategic Planning)
Education	1. ISC, St. Mary's High School, Mt. Abu (1 I Div. with distinction, 11 points 2. B.Tech, IIT Kanpur (1969 to 1974) I Div. with distinction, CPI of 9.1
Present Assignment **(2003 till date)**	**Deputy Director General (Strategic Planni Initiate Strategic Plans in New Technology businesses** • Steering a multi-disciplinary committe finalize the Roadmap for migration from PSTN to N network • Laid the framework for a revenue shar partnership based model for Broadband implementation • Coordinating design, specification and P for procurement of Broadband DLC • Finalized RFPs and Initiated tendering k for o Core STP network for BSNL o Audio and Video Conferencing vice o WiFi and WiMax Service • Working on revenue sharing model fo Security service, Telemedicine services, PBX services,
Experience **(2002 to 2003)**	**Deputy Director General (Internet): Planni f IP-MPLS based Infrastructure, Internet and other Value A Services, IN Services, Programme Implementation and rational Maintenance** • Conceptualize and concretize IP-MPL ed infrastructure plan for immediate, medium and long relating to IP-based service verticals

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- Design, specification and RFP for Nat Internet Backbone Phase-II consisting of three componen
  - IP Network Infrastructure
  - Dialup and Broadband Access
  - Key infrastructure services (in Center)
- Key Managed IP-based Value Added ces
  - MPLS VPN Services
  - VoIP Calling Card Services
  - UMS Services
- Successfully implemented
  - 10-city MPLS VPN services
  - Capacity Upgradation of NIB- work, RAS and Messaging infrastructure from lakh to 6.5 lakh
  - CLI based Internet Access Ser in Calcutta, Bangalore and Goa (to start in her 10 cities)
  - IN Infrastructure upgrade at I ow and Ahmedabad

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Experience (1997 to 2001)	**Head of Basic Telecom Services covering g aphical areas of Aurangabad and Jalna Districts** Fully responsible for Telecom System of 1,00,000 subscriber base with a monthly revenue target of Rs. 60, 000/-. • Increased telephone capacity $2^1/_2$ times to 1 0 DELs in 4 years • Brought down telephone fault rate from "25 s per 100 phones per month" to single digit fault rate • Commissioned New Technologies – ISDN, igent Network Services (Card telephone), Customer Servic Internet Web server • 1000 km. of Optical Fibre network (OFC) a mmissioning STD to over 60 towns • Implementation of TDMA-PMP wireless sy for rural service, HDSL systems for better copper utilization, ted plan for 1000 lines of corDECT WLL system for Urban areas • Pioneer in offering WAN network with on-l mputerized Billing and Commercial operations in 7 Customer S e Centers • First to implement Interactive Voice Respo rvices (IVRS) for Bill-on-Fax, etc. • Brought about attitudinal change in employ reflected in quality of Customer Service.
Experience (1994 to 1997)	**Director at Telecom Engineering Centre ( ), Delhi** Steered the Core Group responsible for OFC an nsmission Line systems. The job entailed • Induction of new technology through Field , drawing up of specifications for new products such as SDH C and Pair Gain systems and their test instruments such as D nd SDH Analyzer, for purposes of procurement, standardization o procedures for technology validations and Type Approvals extending support to DoT Planning Wing and Field units on all t cal matters including evaluation of tender offers • Extensive discussions with various SDH te gy experts and equipment manufacturers (ECI, Fujitsu, DS arconi, Lucent, Northern Telecom, Ericssons and Alcatel a st the prominent ones) and familiarity with their respective produc es • Technical Planning of Long Distance Natio ackbone Transmission network for DoT, interconnecting major TA ntres, employing an optimal combination of topologies, using S ng structures with available protection schemes • Extensive discussions with various Timing ology experts and manufacturers (HP, Oscilloquartz and Tele olutions being prominent ones) for preparing specificatio Timing products and planning of Synchronization Network for D • Planning Local and Access Transmission n ks for MTNL Delhi and Bombay using SDH rings, HDSL, DX nd Flexible Multiplexers as components (MLDN netw leased line is an example)

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Experience **(1988 to 1994)**	**Director Long Distance Maintenance at H abad** • Worked as head of Maintenance sub-reg nder Western and subsequently under Southern Telecom R ns. Job involved Operations Planning, Network Control a laintenance, involving about 30 major transmission c s in the state of Andhra Pradesh – with both analog and l circuits – over Microwave, UHF, Satellite, Optical Fibr Coaxial systems, all of which form part of the National Lo istance Telecom Network. The largest station at Hyderaba der my direct control, had over 6000 circuit ends • Traffic management, Computerised on-l ault Control, Transmission System Surveillance, techr coordination with Trunk Automatic Exchange were some c associated key functions
Experience **1981 to 1988)**	**Divisional Engineer at Hyderabad and Mu i** • Worked with Satellite Projects for a year at ite Earth Station Hyderabad in the Project Planning and Impl ation of FDMA-FM Primary Satellite Earth Stations with G/T of dB/K at Hyderabad and Bhubaneshwar for setting up communic s between these stations and the Main Earth Stations at Delh mbai/Calcutta through INSAT 1A/1B satellites • Worked for 6 years at Satellite Earth Station: nbai in the Maintenance Organization of Western Telec egion. Maintained full technical control of Mumbai and Panjim Ear tions with G/T of 31.7 dB/K and 19.7 dB/K respectively, for o ons and capacity planning and working with INSAT 1A, 1B a family of satellites. Had hands-on experience with a variety of sa subsystems providing FDM/FM, Analog/ Digital SCPC a DM/TDMA (SBRTN) equipment. Developed innovative d to monitor on-line the status of Satellite Super-Groups by desig 8085A microprocessor-based Transmission Surveill system (1985-87) • Was in-charge of Microwave and UHF route nected to Thane. • Developed 8085A microprocessor-based mic ve fade monitoring system which were deployed in various Micr c routes (1986-89)
Experience **(1977 to 1981)**	**Asst. Divisional Engineer at Satellite Proje elhi** • Project Planning and Implementation of SCP ellite Earth Stations through INTELSAT satellite to provide comm ation between main earth stations at Chennai & Delhi and far-flu mote earth stations at Port Blair, Car Nicobar, Leh and Aijwal
Experience **(1974 to 1977)**	**Asst. Exec. Engineer, Radio R&D labs, ITI galore** • Development of Microwave subsystems and Locked Oscillators
Special	• Advanced training in Digital Transmission Sy s Engineering at Nippon Telephone & Telegraph (NTT) at To 1987 for 3 months

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Assignments	• Team leader for validation of Siemens SDH [redacted]DH equipment at their plants in Munich, Berlin and Griefswald, Ge[redacted]y in Feb.1995 • Deputed to Denmark, Finland, Italy and Isra[redacted]Ts for study of SDH deployment in those countries in Feb.1996 • Tender Evaluation of MTNL's Managed Le[redacted]Line Network (Aug.1996) and DoT's DLC Systems (Feb.1[redacted] • Member of Development Coordination Com[redacted]e (DCC) set up by Telecom Engineering Center
Trainings attended	• Low Noise Amplifier Subsystems for Satelli[redacted]mmunications at NEC Plant Yokohama, Japan for two weeks from [redacted]-81 to 11-9-81 • Pulse Code Modulation at ALTTC, DoT Gh[redacted]ad, for four weeks from 2-12-84 to 29-12-84 • Digital Transmission at ALTTC, DoT, Ghaz[redacted] for two weeks from 25-11-85 to 07-12-85 • Digital Transmission Systems Engineering ([redacted]) at Nippon Telephone & Telegraph Training Institute, Tokyo for th[redacted]onths from 22-07-87 to 26-10-87 • Management Course Stage-I, Project Manag[redacted]t at ALTTC, DoT, Ghaziabad for two weeks form 31-10-88 to [redacted]-88. • Management Course Stage II at ALTTC, Do[redacted]aziabad for two weeks form 10-04-89 to 28-04-89

Seminars attended	All the following seminars were attended at ALT Ghaziabad. • Data Communications from 12-12 88 to 16- (ALT Center) • ITU seminar on ISDN implementation in de ed countries from 3-110-89 to 7-10-89 (ALT Center) • Optical Fiber System from 12-03-90 to 16-0 (ALT Center) • ITU Seminar on Satellite Communications f 6-08-90 to 10-08-90 (ALT Center) • ITU Seminar on Rural Communications fro 10-90 to 06-10-90 (ALT Center) • ITU Seminar on Remote Area business Netv from 29-10-91 to 01-11-91 (ALT Center) • Computer Networking – OSI Architecture fr 2-09-92 to 04-09-92 (ALT Center) • ITU Seminar on ATM Switch for B-ISDN fr 7-07-93 to 29-07-93 (ALT Center) • Seminar on Synchronous Digital Hierarchy twork Planning from 16-11-94 to 18-11-94 (ALT Center) • ITU Workshop on Multi Media in Feb 2002 eva)
Articles published	• "Single Channel Per Carrier System" in Tel Journal, Vol. 30-2/Dec.1980 • "Low Noise Amplifier for Satellite Commun on" Telecom Journal Vol.32-2/June, 1982 • "Base-Band monitoring for Satellite Earth S " Telecom Journal Vol.37, June1/Feb., 1987 • "Experimental Determination of Multipath f Parameters on existing Microwave Route, Telecom Journal , 1990 • "A case for Urgent Transmission of the Lon lance Trunk Network into an Intelligent Network", Telecom Journ 90
Awards & commendations	• Commendation received from Chairman Tel Commission in Dec.1993 for restoration work carried out du crisis caused by bombing of a microwave repeater by radical ents • Best Station Awards in Southern Telecom R # Satellite Earth Station Hyderabad in 1992 # Microwave Repeater Station Kodad in 19 • Honorarium awarded by GM (Maintenance) bai for development of Microprocessor-based (8085A) Super Gr lonitoring System
Prof. membership	• Life Member of IETE
Extra-curricular interests	• Sports – Athletics Middle distance, represen T/Kanpur in Inter-IIT Meets • Yoga – its application in mind control & rel n • Trekking – Garhwal Himalayas in particular • Music – Classical (Indian & Western), amat bla & sitar player

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Family details	• Wife Gauri, housewife • Daughter – Samvita, 4th year Engineering, [redacted]pore. Recipient of Singapore Airlines Scholarship. (No.3 in S[redacted]ore Inter-Univ Cross-country running) • Daughter – Shambhavi – 2nd Year Fine Art[redacted]ngalore. (National Gold medallist in Artistic Roller Skating at Calc[redacted]n 1995)
Contact Address	**D2 – 95 Kidwai Nagar (West), N. Delhi – 110023, India.**
Telephone number	**Mobile: +91-98-682-18068** **Residence: +91-11-26877555**

Dated: 14th Sept. 2004

[redacted] Padukone.

(R[redacted]ADUKONE)