# Welcome to BSNL Thanjavur Marketing cell

# Aggressive private telcos, poor network costs BSNL 2 crore subscribers

According to an official in the Department of Telecom, BSNL lost about 1.78 crore wireless and over 20 lakh wireline subscribers between March 2014 and March 2015.

State-run **BSNL** lost about two crore subscribers in the last financial year as the telco could not match aggressive marketing by private operators, besides persisting issues related to coverage and quality of its services.

According to an official in the Department of Telecom, BSNL lost about 1.78 crore wireless and over 20 lakh wireline subscribers between March 2014 and March 2015.

Stating the reasons responsible for the loss of wireless subscribers, the official said BSNL was not able to match the aggressive marketing of services by private telecom operators.

Also, the official added that due to the PSU's inability to invest in upgradation of its network during the period 2008-2012, there were issues related to mobile network coverage, capacity and quality of service.

"The reasons for decline in wireline subscriber base include the general decline in demand for fixed lines telephone on account of shift to mobile services," he said.

At the end of May 2015, the wireless subscriber base of BSNL stood at 7.76 crore with a market share of 7.96 per cent.

The wireline base stood at 1.60 crore with a market share of 61.07 per cent.

The company, however, is taking various steps to increase its subscriber base and revenue through investments in network and improve quality of service.

As a part of its phase 7 project, the company will be investing Rs 4,804.77 crore in network augmentation which will result in addition of 14,421 2G sites and 10,605 3G sites across the country.

Apart from that, BSNL has taken a number of initiatives to attract customers which include unlimited free night calls from landline, free incoming calls on roaming and a host of different special plans.

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# Govt blames UPA rule for poor financial condition of BSNL

**New Delhi:** Government today blamed the previous UPA government for the poor financial condition of state-run BSNL saying its losses now stand at Rs 8,000 crore even though it had profits to the tune of Rs 10,000 crore in 2004 when the Congress-led coalition took power.

Telecom Minister Ravi Shankar Prasad said in Lok Sabha during Question Hour that he would like to have a debate on the status of the telecom company with Congress as to what had happened to BSNL in last 10 years that it went into losses.



"I want to ask them why the condition of BSNL has gone down. What happened in last 10 years when they were in power," he asked, pointing to the Congress members who were protesting in the House demanding action on the Lalit Modi controversy.

He said the government is making all out efforts for the improvement of BSNL by taking various steps in this regard.

Prasad said BSNL is the only telecom service provider in the country which offers free roaming service. With rapid technological advancement in the telecom sector in the last decade, the telecom PSUs have attempted to keep pace with the change, the minister said.

He said Indian Telephone Industries (ITI) Limited has informed that they are manufacturing products in advanced broadband and optical network infrastructure technologies like Gagabit Passive Optical Network and Dense Wavelength Division Multiplexing through transfer of technologies from indigenous and global vendors.

In addition, it also takes up network infrastructure projects along with technology partners while using its resources for project management, Prasad said.

BSNL, MTNL are providers of telecom services and necessary equipment for advanced broadband and optical fibre network infrastructure, as per requirement, are procured through open tender process from time to time, he said.

Besides, the telecom PSUs, government has endeavoured to promote domestic manufacturing through a number of measures including incentive based measures such as the Modified Special Incentive Package Scheme, Electronic Manufacturing Clusters and Electronic Development Fund as well as prescriptive measures such as preferential market access in government procurements, Prasad said.

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Shimla: Himachal Pradesh will soon connect all the 3,243 gram panchayats with broadband internet connectivity, an official said here on Friday.

For this, the government is implementing the national optical fibre network project, a government spokesperson told IANS.

At present, optical fibre cable connectivity is available only at the state capital, the district headquarters and up to the block level.

The national optical fibre network will be done by utilising existing fibres of Bharat Sanchar Nigam Ltd (BSNL) and also laying incremental fibre, if required.

The spokesperson said the aim of the project is to empower the rural masses by providing improved access to information and public services.

It would also facilitate electronic delivery of services like e-education, e-health, e-banking and e-agriculture.

Prime Minister Narendra Modi on May 11 had reviewed the project, that is already much delayed.

The project was conceived in 2011 and the deadline to connect all panchayats with broadband was 2013-end. But later, the timeline was deferred to September 2015 by the then United Progressive Alliance (UPA) government.

By the end of March 2015, only 20,000 village panchayats got broadband connectivity whereas the target was to connect 50,000 village panchayats.

The central government has set a target to roll out broadband in 150,000 village panchayats by March 2016 and the rest by end of 2016.

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# Meet 10 Indians who head global tech companies

With Sundar Pichai becoming the CEO of Google, India has one more reason to cheer its prowess in the global IT sector.



Image: Sundar Pichai with wife Anjali. Photograph: Stephen Lam/Reuters

The technology sector has been the biggest platform for Indians to showcase their talent and capabilities. Good education, technical expertise, ability to work in difficult situations and managerial skills are helping Indians achieve great strides in the global arena.

Interestingly, Sundar Pichai has joined the big league of 12 Indian origin persons holding top posts at global corporations with collective turnover of about \$400 billion. There are more Indian CEOs than any other nationality after Americans in S&P 500 companies, finds a study by Egon Zehnder.

Time magazine once termed CEOs as India's leading 'export' and said that the subcontinent could be 'the ideal training ground for global bosses'.

Take a look at the Indians who head top IT companies...



Image: Sundar Pichai has seen a meteoric rise in his career . Photograph: Reuters

Sundar Pichai CEO, Google "I feel very fortunate to have someone as talented as him to run the slightly slimmed down Google and this frees up time for me to continue to scale our aspirations. I have been spending quite a bit of time with Sundar, helping him and the company in any way I can, and I will of course continue to do that," Larry Page, Co-founder Google said in a blog post about Sundar Pichai after appointing him as Google's CEO.

As CEO of Google, the soft-spoken 43-year-old Pichai will head core tech projects like Google search engine, ads, maps, apps, YouTube and Android system.

"Pichai has really stepped up since October of last year, when he took on product and engineering responsibility for our internet businesses. Sergey and I have been super excited about his progress and dedication to the company", Page said.

Page added that Pichai will continue to stretch boundaries and ensure that Google in its new form "can continue to make big strides on our core mission to organise the world's information".

A topper in Metallurgical Engineering, from IIT Kharagpur, Pichai has seen a meteoric rise in his career from holding significant posts in Google to becoming its CEO.

After joining Google in 2004, Pichai led the product management and innovation efforts for key products including Google Chrome and Chrome OS and Google Drive.

Pichai, who is from Tamil Nadu, worked in engineering and product management at Applied Materials and at McKinsey & Company before he joined Google.

Pichai is hailed for building a great team and outstanding products that gives a lead over other companies.

He holds an MS from Stanford University and an MBA from the Wharton School of the University of Pennsylvania.



Satya Nadella CEO, Microsoft

One of the biggest success stories of an Indian in the technology space comes from Microsoft CEO Satya Nadella. After working for two decades, Nadella made history by being the first Indian to head the world's biggest software company. The highest paid executive in the United States, Nadella himself admitted that heading Microsoft was 'beyond his dreams'. "After joining Microsoft in 1992, Nadella quickly became known within the company as a leader who could span a breadth of technologies and businesses to transform some of Microsoft's biggest product offerings," according to Microsoft. One of the most influential technology wizards of our time, Forbes magazine recently ranked Nadella among the world's 72 most powerful people. Nadella, who hails from Hyderabad, holds a bachelor's degree in engineering in electronics and communication from Manipal Institute of Technology. Nadella did his Masters in Computer Science

from the University of Wisconsin, Milwaukee and an MBA from the University of Chicago Booth School of Business.Nadella was a member of the technology staff at Sun Microsystems before he joined Microsoft.

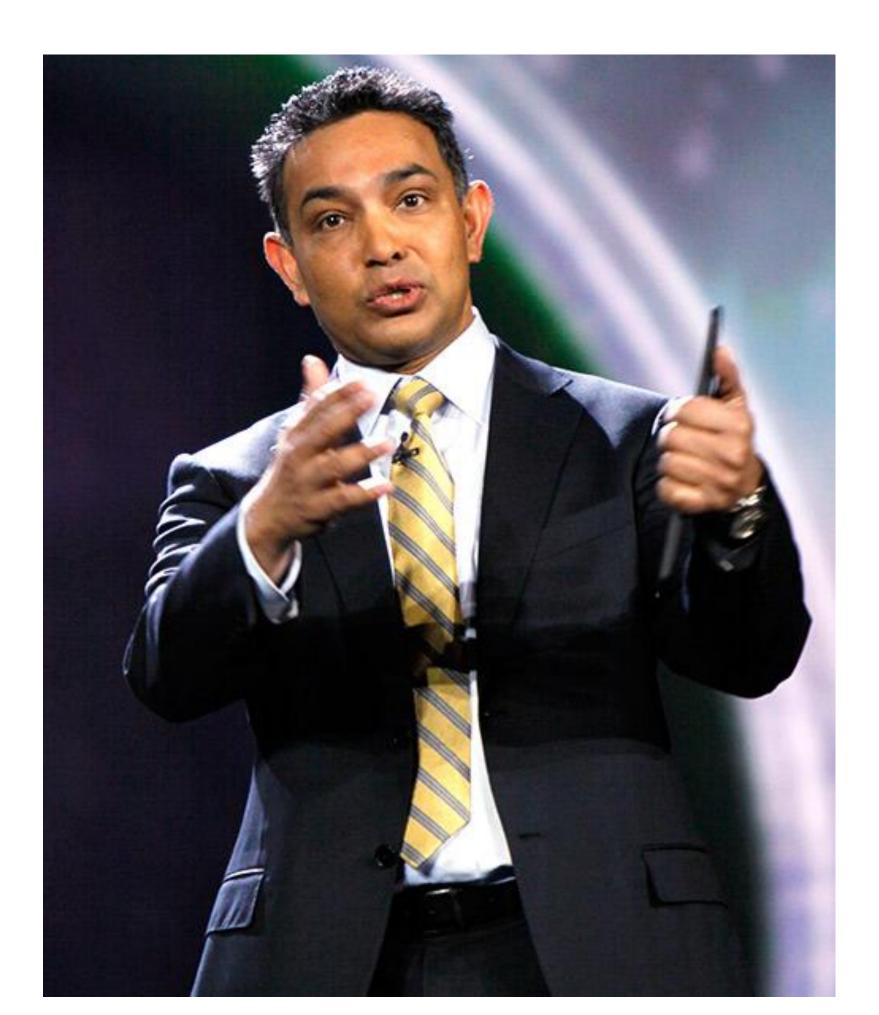


Image: Image: Sanjay Jha. Photograph: Rick Wilking/Reuters

# Sanjay Kumar Jha CEO, Global Foundries

Sanjay Kumar Jha who hails from Bihar is now the CEO of Global Foundries, the world's first full-service semiconductor foundry. One of the highest-paid Indian executives in the US, he was earlier the chief executive officer of Motorola's mobile devices business. Prior to this, he served as the chief operating officer at Qualcomm.

He has a PhD in electronics engineering from University of Strathclyde, Scotland.



## Shantanu Narayen CEO, Adobe

Shantanu Narayen who's from Hyderabad heads one of the world's leading software companies, Adobe.

Nine years after joining Adobe, Narayen was appointed as CEO in 2007.

One of world's top paid tech CEOs, he is lauded for his leadership qualities, technology insight and operational proficiency, which helped Adobe expand its products portfolio.

Narayen holds an electronics engineering degree from Osmania University, MBA from the University of California, Berkeley, and Masters in computer science from Bowling Green State University, Ohio.



Image: Nikesh Arora

#### **Nikesh Arora**

#### CEO, SoftBank Internet and Media Inc

Nikesh Arora, one of Google's most high profile employees quit last year to join as vice chairman of SoftBank Corp and CEO of SoftBank Internet and Media Inc.As CEO of SIMI, he is responsible for overseeing Internet, telecommunications, media and global investment activities. Hailed for his financial and strategic acumen, Nikesh is also likely to be the successor to Softbank's chairman and CEO, Masayoshi Son. Before joining Google, Nikesh was a telecom analyst at Putnam Investments. He then went on to create his own mobile data start-up in 2000. Nikesh who graduated as an Electrical Engineer from IIT-BHU, has an MBA from Northeastern University, a Masters degree in Finance from Boston College and



Image: Francisco D'Souza. Photograph, courtesy: Cognizant

### Francisco D'Souza CEO, Cognizant

One of the youngest CEOs in the IT industry, 46-year-old Francisco D'Souza joined Cognizant as a co-founder in 1994, the year it was started as a division of The Dun & Bradstreet Corporation. He took over as CEO of the company when he was just 38 years old. Considered one of the best CEOs, Francisco D'Souza has nearly 25 years of experience in the information technology industry. Francisco, who hails from Goa, is a member of the Board of Directors of General Electric Company. He serves on the Board of Trustees of Carnegie Mellon University, the Board of Trustees of The New York Hall of Science and the Board of Trustees of the US India Business Council. He received his Bachelor's degree in Business Administration from the University of East Asia and his MBA from Carnegie-Mellon University.



#### **Dinesh Paliwal**

#### **CEO**, Harman International

Dinesh Paliwal has been the chairman of Harman International, a leading provider of premium audio and infotainment systems for the automotive, consumer and professional markets since 2007. As CEO and chairman of Harman International, Dinesh Paliwal transformed Harman International into a customer-centric and innovation-oriented company. Dinesh who is from Agra, was instrumental in building a diverse board and strong leadership team, expanding the company's business in high growth markets. He did his BE from the Indian Institute of Technology, Roorkee; MS in Applied Science and Engineering and MBA in Finance from MiamiUniversity (Oxford, Ohio).



Image: Sanjay Mehrotra. Photograph: Vijay Mathur/Reuters

## Sanjay Mehrotra CEO, SanDisk Corporation

Sanjay Mehrotra is co-founder, president and chief executive officer of SanDisk Corporation, a global leader in flash memory storage solutions. Earlier, Mehrotra served as SanDisk's president and chief operating officer starting in 2006. Under his leadership, the company expanded its focus to include solid state drive (SSD) solutions for the enterprise, as well as new growth strategies for the mobile and client computing segments. Mehrotra received his Bachelor's and Master's degrees in Electrical Engineering and Computer Sciences from the University of California, Berkeley, and is a graduate of the Stanford Graduate School of Business Executive Program (SEP).



Image: Rajeev Suri. Photograph, courtesy: Nokia

Rajeev Suri President and Chief Executive Officer, Nokia

With over 25 years of international experience, Rajeev Suri has an ability to generate growth and offer technologies that have a positive impact on people's lives. His expertise lies in mobile networks, big data analytics, cloud computing and Internet business models. As CEO of Nokia Solutions and Networks, he was responsible for turning around the company from significant losses to a strong and robust one. In his earlier roles as head of the global services unit and APAC region, he played a key role in ensuring strong growth and profitability. Rajeev has a Bachelor of Engineering (Electronics and Communications) from Manipal Institute of Technology, India. Born in India in 1967, he is a Singaporean citizen and is based in Espoo, Finland.

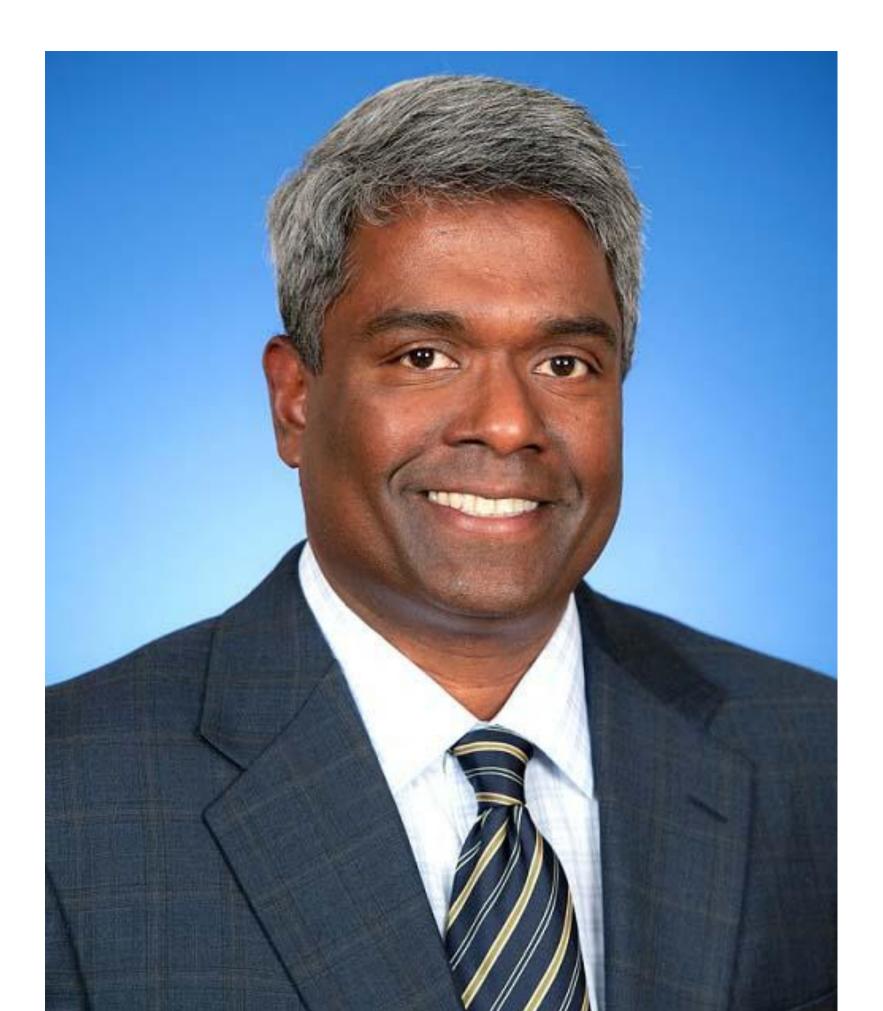


Image: George Kurian. Photograph, courtesy: NetApp

#### **George Kurian**

#### **Chief Executive Officer, NetApp**

US-based computer storage and data management company NetApp also has an Indian at the helm.

George Kurian who joined the company in 2011, where he was responsible for the solutions portfolio and joint partner technology integration. He was appointed as CEO in June 2015.

Earlier, as executive vice president of Product Operations, George was responsible for the strategy and development of NetApp's product and solutions portfolio.

He was also in charge of the product roadmap and engineering execution for the Data ONTAP operating system, the one of the most widely deployed branded storage operating system.

Prior to joining NetApp, George was vice president and general manager of the Application Networking and Switching Technology Group at Cisco Systems.

He has also worked with Akamai Technologies, McKinsey & Company and Oracle Corporation.

Incidentally, his twin brother Thomas Kurian is president at Oracle.

George did his schooling at St Joseph's Boys High School, Bengaluru. After that he joined IIT Madras. But he left IIT to pursue a degree in electrical engineering from Princeton University and a master's degree in business administration from Stanford University.

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