16th Annual Conference on

# OFC NETWORKS IN INDIA

## Driving Innovation and Unlocking Emerging Opportunities

**June 24-25, 2026 | Le Meridien, New Delhi**



*Organisers:*

tele.net Indjan Infrastructure

*Co-sponsors so far:*

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# MISSION

- Over the years, optical fibre cable (OFC) networks have evolved from being a connectivity tool into the critical backbone powering India's digital transformation. From enabling universal high-speed broadband access through the BharatNet project to supporting rapid densification for 5G and 5G Advanced networks, the OFC industry is driving significant progress. Further, with OFC-driven subsea cable networks, in-building solutions and future-ready AI data centres gathering momentum, the industry is expected to receive a much-needed fillip in the coming years. Realising this potential will require stakeholder initiatives to develop innovative OFC technologies and enable India to capitalise on the untapped trillion-dollar opportunity to build its digital backbone.
- **The mission of this conference is to explore the key ground-breaking innovations in fibre technology, highlight evolving policy and regulatory measures supporting fibre manufacturing, identify challenges hindering industry growth, and discuss upcoming opportunities in new and emerging areas. The conference will also provide a platform for key industry stakeholders to share experiences, exchange ideas and showcase the latest innovations and technologies.**

## TARGET AUDIENCE

The conference is expected to draw participation from executives, managers and decision-makers from:

- Telecom operators
- Optical fibre cable (OFC) manufacturing companies
- Infrastructure equipment manufacturers and OEMs
- Network solution and technology providers
- Government and regulatory bodies
- Infrastructure providers and towercos
- Broadband service providers and ISPs
- EPC contractors
- Neutral host providers
- CIOs/CTOs/CDOs of leading enterprise verticals
- Data centre and Edge compute operators
- Smart city SPVs
- Civil contractors
- AI and software solution providers
- Private network integrators
- Managed service providers
- Telecom standards bodies and research institutes
- Financial institutions and global investors
- Satellite communication players
- Industry analysts and strategic consultants
- Engineering design consultants

## PREVIOUS PARTICIPANTS

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# AGENDA

### Accelerating Fibre Roll-outs

- Current status of fibre roll-outs
- Policy and regulatory scenario
- Future expansion plans

### Progress and Opportunities under the BharatNet Project

- Progress under the BharatNet project
- Spotlight on BharatNet Phase 3
- Emerging opportunities and future roadmap

### Telco Perspective

- Focus on 5G densification and FTTH
- Emerging business models
- Monetising and sharing of fibre assets

### Next-Gen Innovations in Fibre Cabling

- Types of Core Fibre Networks in Use
- Adoption trends of multicore and bend-insensitive fibre
- Use cases of high-performance materials and specialised coatings

### Evolving Manufacturing Ecosystem

- Building a domestic OFC supply chain
- Impact of anti-dumping duties and Make in India initiatives
- Investing in R&D to develop global competitiveness

### AI-driven Optical Network Management

- Use of ML to identify potential fibre cuts
- Leveraging AI-powered optical controllers for real-time configuration
- Reducing opex through automated fault localisation

### Developing Intelligent OFC Networks

- Transition to software-defined optical networking
- Integrating IoT sensors for real-time environment monitoring
- Enhancing network resilience through DAS

### Emerging Demand Segments

- Spotlight on data centres and edge data centres
- Addressing enterprise connectivity demand
- Demand from submarine cable systems

### Connectivity Needs for Digital Infrastructure Ecosystems

- Fiberising tower assets
- Building fibre-integrated street furniture
- Deploying in-building solutions and FTTx

### Integrating OFC in Urban Planning

- Focus on dig-once policy and mandatory utility ducts
- Collaborating with smart cities for integrated fibre infrastructure
- Utilising micro-trenching and horizontal directional drilling

### Addressing RoW Challenges

- Current scenario of RoW approvals for OFC
- Streamlining RoW approvals
- Key measures needed

### Modernising Utility Infrastructure

- Leveraging utility infrastructure for backbone expansion
- Exploring OPGW and aerial fibre deployment
- Creating a neutral host utility framework

### Connecting Tough Terrains and Remote Regions

- Focus on OFC deployment and maintenance in remote regions
- Use cases for rugged and specialised cables for rugged terrains
- Exploring hybrid (satellite-fibre) connectivity models

# DELEGATE FEE

| Delegates | Fee | | | |
|---|---|---|---|---|
| | INR | GST@18% | Total INR | Total USD |
| One delegate | 25,000 | 4,500 | 29,500 | 370 |
| Two delegates | 42,500 | 7,650 | 50,150 | 630 |
| Three delegates | 60,000 | 10,800 | 70,800 | 890 |
| Four delegates | 77,500 | 13,950 | 91,450 | 1,150 |

- GST @18 per cent is applicable on the registration fee.
- Registration will be confirmed on receipt of the payment.
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- Conference fees cannot be substituted for any other product or service being extended by India Infrastructure Publishing Pvt. Ltd.

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