**Common In-Service Training Course on *“Spectrum Engineering, Management and Economics”***

for Mid & Senior Level Officers of all Cadres of DoT (IPTAFS, ITS, IRRS)

**Duration:** 03 February, 2025 to 07 February, 2025 (One Week) **Venue:** NCA, Ghaziabad **Course Conducting Faculty:** WA Division, NCA, Ghaziabad

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| **Date/Time** | **10:00-11:15** | **11:15-11:45** | **11:45-13:00** | **13:00-14:00** | **14:00-15:15** | **15:15-15:45** | **15:45-17:00** |
| **Monday**  03.02.2025 | **Inaugural Session**  **Secretary(T), DoT and Chairman, DCC**  **DG, NCA Ghaziabad**  **NCA Ghaziabad Faculty** | **Tea Break** | **Overview of Spectrum Management, Introduction to NFAP, Telecom Act 2023**  Sh. Rajesh Gupta  DDG WA, NCA, Ghaziabad | **Working Lunch** | **Spectrum Road Map & National Spectrum Strategy**  Ms. Revathi  JWA, WPC, DoT HQ | **Y-Break**  **&**  **Tea Break** | **Process for Fixing the Reserve Price**  Sh. Venkata P Pogdi,  Director(F) BTU, DoT HQ |
| **Tuesday**  04.02.2025 | **Spectrum assignment policies, ensuring Non-interference among various frequency bands**  Dr. PSM Tripathi  Sr. DWA, WPC, DoT HQ | **Spectrum Audit, *Auction Software features***  Dr. PSM Tripathi  Sr. DWA, WPC, DoT HQ | **Spectrum & Monetization**  Sh. Amit Sharma  Advisor (F&EA), TRAI | **Spectrum Auction Methodologies, International Best Practices and Trends**  Sh. Amit Sharma  Advisor (F&EA), TRAI |
| **Wednesday**  05.02.2025 | **SUC Assessment (1)**  Dr. Kamal Kapoor  Jt. CGCA, DoT | ***Case Studies on SUC Assessment***  Dr. Kamal Kapoor  Jt. CGCA, DoT | **Spectrum Dynamics in Satellite Communications, High Throughput Satellite and Future Satellite Communications**  Sh. Amit Gulati,  Sr DWA(Satellite) WPC | **Spectrum refarming & Harmonization, Legal Cases Findings**  Sh. Vineeth Mathew  AWA, WPC, DoT HQ |
| **Thursday**  06.02.2025 | **The Economics and Institutions of Spectrum Management, Socio-Economic Impact analysis**  Prof Rohit Prashad  MDI, Gurugram | **Spectrum Management: *Role of APT*, Best Global Practises and Future Strategies**  Sh. Bharat Bhatia  President and CEO, ITU-APT Foundation of India (IAFI) | **Challenges & opportunities in Wireless Planning, *Monitoring Work by WMO***  Sh. Viresh Goel, JWA, RLO, Kolkata | **Visit of 5G Use Case Lab at NCA, Ghaziabad**  WA Faculty, NTIPRIT |
| **Friday**  07.02.2025 | **Spectrum Sharing, Co- Existence Study and Identification of IMT Spectrum**  Sh. V. K. Roy  DDG (Radio), TEC | **ITU and Spectrum Harmonisation Process**  Shri Akhiilesh Trivedi  Advisor(NSL-II), TRAI | **Group Presentations**  **WA Faculty** | **Valedictory and feedback**  **DG, NCA, Ghaziabad**  **WA Faculty** |

**Course Coordinator: Course Director:**

Shri Sandeep Singh (98913 66741) Shri R P Singh (94127 39217))

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**(A PL-2 Course for Competency Codes: 90 & 119 – 123 of ACBP Document- 90: Spectrum Management, 119: Spectrum Engineering Techniques, 120: Spectrum Economics, 121: Spectrum Auction Methodologies, 122: Spectrum Assignment Policies & 123: Spectrum Royalty Charging Mechanism**