

MikroTik Certified Wireless Engineer



Online Course

ZETLAN TECHNOLOGIES
www.zetlantech.com



Course Modules

1. Wireless Installations

- Wireless routers
 - o RouterBoard Hardware
- Wireless cards
- Antenna types

2. Wireless Standard

- 802.11 a/b/g/n
- Bands and channel width
- Frequencies

3. Wireless Tools

- Wireless Tools + LAB
 - o Scan
 - o Frequency usage
 - o Spectral Scan/History
 - o Snooper
 - o Align
 - o Sniffer

4. Wireless Troubleshooting

- Troubleshooting wireless clients + LAB
 - Registration table analysis
 - Ack-Timeout/Distance
 - CCQ
 - TX/RX Signal Strength
 - Frames and HW-frames
 - Data-rates

5. Wireless Advanced Settings

- Advanced Wireless Tab settings + LAB
 - HW-retries
 - HW-protection
 - Adaptive-noise-immunity
- WMM
- Country regulation settings
- TX-power + LAB
- Virtual-AP

MikroTik Certified Wireless Engineer

6.802.11n

- 802.11n wireless protocol + LAB
 - o Features
 - o Data Rates
 - o Channel bonding
 - o Frame Aggregation
 - o TX-power for N cards
 - o Chain settings
 - o Wireless link debugging

7.Wireless Security

- Wireless Security Measures + LAB
 - o Access Management
 - o Access-List/Connect-List
 - o RADIUS
 - o Authentication
 - o Encryption
 - o Management Frame Protection

WDS and MESH

- Wireless WDS protocol + LAB
 - o Dynamic/Static WDS
 - o RSTP Bridge
- Wireless MESH + LAB
 - o HWMP+ Mesh



MikroTik Certified Wireless Engineer

For Enquiry: +91 8680961847

8. Wireless Bridging

- Wireless Transparent Bridge + LAB
 - WDS bridging
 - AP/Station-WDS
 - Pseudo bridge
 - MPLS/VPLS tunnel

9. Nstreme Protocol

- MikroTik Wireless Nstreme Protocol + LAB
 - Features
 - Configuration options
 - Nstreme Dual
 - Troubleshooting

10. Nv2 Protocol

- MikroTik Wireless Nv2 Protocol + LAB
 - Features
 - Configuration options
 - Troubleshooting

Free Advice: +91 9600579474

www.zetlantech.com



**LEARN
REMOTELY!!**

The efficiency of online learning
in terms of time management,
flexibility, and the ability
to access resources anytime,
anywhere can be compelling.



ZETLAN TECHNOLOGIES
www.zetlantech.com

**For contact: +91 8680961847
+91 9600579474**

