

Dr. Nguyen Viet Minh

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Website:

**Job Titles**

Lecturer, Faculty of Telecommunications, Posts and Telecommunications Institute of Technology, Vietnam.

Education and Qualifications

- 1999–2004: Engineering Degree in Telecommunication, Posts and Telecommunications Institute of Technology, Vietnam.
- 2008–2010: Master Degree in Electronic engineering, Posts and Telecommunications Institute of Technology, Vietnam.
- 2012–2019: Doctoral Degree in Telecommunication, Posts and Telecommunications Institute of Technology, Vietnam.

Job Experiences

- 1996–1999: Staff of Business Department, Vietnam Korea Exchange Company Ltd, Vietnam.
- 1999–present: Lecturer at Posts and Telecommunications Institute of Technology, Vietnam.

Teaching Experiences

- Undergraduate Program in Electronic and Telecommunication Engineering:
 - TEL 1465 – Mobile Network Planning and Optimization
 - TEL1415 – Mobile Communications
 - TEL1462 – RF Transceiver Engineering
 - TEL1421 – Radio Wave Propagation and Antenna
 - TEL1435 – Microwave Engineering

Research (over the last 5 years)**Research Interests**

- Satellite communications: Systems design, performance analysis, and optimization.
- Enabling technologies and techniques for next-generation wireless networks.

Journal/Conference Publication

- Nguyen Viet Minh, "Improving Satellite Systems by Multi-satellite MIMO," Journal

of Science and Technology on Information and Communications, 2020.

- Nguyen Viet Minh, "Satellite Communications In 5G Era: Usage Scenarios And Technology Challenges," Journal of Science and Technology on Information and Communications, 2021.
- Nguyen Viet Minh, "Dual-Polarized MIMO Technique For Land Mobile Satellite Communication Systems," Journal of Science and Technology on Information and Communications, 2022.
- Nguyen Viet Minh, "Precoding Method Based On Statistical Channel State Index Applied To Massive MIMO Leo Satellite Communications Systems," Journal of Science and Technology on Information and Communications, 2024.

Signature

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