



# SNS COLLEGE OF TECHNOLOGY, COIMBATORE - 641 035 (An Autonomous Institution)

### **Unit II and III important Questions**

#### 2 marks

#### Unit II

- Expand SPaT and MAP, Elaborate shortly need of this technology
- Relate Simulation and Connected Vehicle
- Infer Automotive security application in CV
- Label the need of Data standards in Connected Vehicle
- Relate Data capture in CV infrastructure
- Discuss Simulation development in the CV

#### Unit III

- How Data security plays vital role in CV
- Infer shortly on Secured development in Connected vehicle
- Summarise importance of cryptography
- List the importance of Cyber security standards, indicate few

## **Big Questions**

#### Unit II

- Elaborate about the Cyber security need in the CV
- Distinguish SPaT and MAP data preparation, discuss elaborately
- List and discuss elaborately applications of Automotive security system involved in the CV
- Elaborate Data standards involve in the connected vehicle
- Discuss on Connected vehicle simulation need in the modern era

19MEZ404 – Connected and Automated Vehicles

S.Arunkumar / APME





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#### Unit III

- Secure vehicle-to-vehicle safety application communication
- Distinguish elaborately Secure communication protocols and Secure development
- Write a case study on Cyber security standards: secure communication protocols
- Enumerate applications of Secure vehicle-to-vehicle safety application communication
- Distinguish importance of Secure development and Secure platforms
- Write Case study on Cyber security standards: secure communication protocols and secure development