**Project Report**

**On**

**Computer Networking: Concepts (CSE3751)**

**Smart Office Network with Inter-VLAN Routing, STP, and Access Control**

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**B. Tech. CSE 5th Semester (Section 26)**

**INSTITUTE OF TECHNICAL EDUCATION AND RESEARCH**

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**Declaration**

We, the undersigned students of B. Tech. of **CSE** Department hereby declare that we own the full responsibility for the information, results etc. provided in this PROJECT titled “**Smart Office Network with Inter-VLAN Routing, STP, and Access Control**” submitted to **Siksha ‘O’ Anusandhan (Deemed to be University), Bhubaneswar** for the partial fulfillment of the subject **Computer Networking: Concepts (CSE 3751)**. We have taken care in all respect to honor the intellectual property right and have acknowledged the contribution of others for using them in academic purpose and further declare that in case of any violation of intellectual property right or copyright we, as the candidate(s), will be fully responsible for the same.

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Place: Bhubaneswar

# Abstract

(to be written after the project is done. 100 – 200 words)

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1. **Introduction**

Brief description of the project.

1. **Problem Statement**
2. Problem statement with identification of objects to be considered for implementation in Cisco Packet Tracer.
3. Highlighting the constraints (if any).
4. **Methodology**
5. Designing the Topology
6. Configuring the devices.
7. CLI instructions to attend the required objective.
8. **Results & Interpretation**
9. Screenshots (with descriptions) of
10. Successful transmission of packets along with the designed topology.
11. Successful transmission of packets indicated as the output of both ping and trace route command.
12. Screenshots (with descriptions) of CLI instructions with result.
13. **Conclusion**

**References**

(as per the IEEE recommendations)

**[1]** CompTIA Network+ N10-008 Certification Guide by Glen D. Singh, 2*nd* Edition, Packt publication**.**

[2] …….

**[3] …….**

**[4] ……**