

PCI EXPRESS (PCIe)6.0 DIGITAL VERIFICATION- SERDES

FYP TYPE:6 MONTH
COMPANY:SYNOPSYS(HYDERABAD)

WORK DONE TILL DATE

Understanding SerDes and Its Functional Blocks:

- Study of serializer/deserializer (SerDes) technology.
- Focused on high-speed data transfer applications.
- Gained a thorough understanding of functional blocks and their interactions.

PCI Express (PCIe) 6.0 Protocol and Its Working:

- Examined key features and advantages of PCIe 6.0.
- Explored the basic working and operational mechanisms of the protocol.

Linux and Its Commands:

- Understanding using the Linux command-line interface.
- Went through linux commands.

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SIGNATURE OF HIGHER OFFICIAL

SANTHI RAJU DODDA

SIGNATURE OF GUIDE

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THANK YOU

