

CETPA INFOTECH PVT. LTD.
CURRICULUM OF Perl Scripting (VLSI)

❖ **Introduction to Perl**

- Overview
- Perl Scripts
- Print Functions
- Literals
- Quoting Rules

❖ **Data Types**

- Scalars and Variables
- Arrays and Slices
- Hashes (Associative Arrays)

- Standard Input, Output

- Predefined file Handlers

❖ **Conversion of data types**

- Arrays to Scalars
- Hashes to Arrays, Scalars

❖ **Conditional statements**

- If else
- Unless
- Conditional operator

❖ **Branching/Loop statements**

- While
- For
- Until
- For each
- Do-while
- DO-until
- Nested Loop

❖ **Operators**

- Arithmetic
- Logical
- Equality
- Assignment
- Bitwise
- Miscellaneous

❖ **Perl Special Variables**

- Scalar Special Variables
- Array Special Variables
- Hash Special Variables

❖ **Regular Expressions**

- Simple Statements
- Pattern Matching

❖ **Arguments**

- @ARGV array command line
- ARGV and Shift functions
- Functions:
 - Grep
 - Split
 - Join
 - Slice
 - Pop, Push

❖ **Subroutines**

- File I/O operations
- Directory creation, Removing, changing Error Handling
 - If... else
 - Unless
 - Ternary operator
 - Warn
 - Do die
 - Carp
 - Cluck
 - Croak
 - Confess

❖ **Perl Advanced concepts**

- Oops concepts

❖ **Projects**

- Listed in www.cetpainfotech.com

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