

Perl Workshops

Perl Workshops

NTHRYS BIOTECH LABS provides a diverse array of workshops in the realm of Perl Programming. Explore our comprehensive offerings below

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Embark on a Perl Adventure: Find the Perfect Workshop!

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1. Workshop in Introduction to Perl Programming

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Date: Pre Selected Date

Fee: Rs 6000/-

Duration: One Day

Mode: Offline and Virtual

Location for Offline: NBL Cherlapalli IDA Branch

Facilitator(s): NTHRYS TEAM

8:00 AM - 8:30 AM: Registration and Welcome Coffee

Participants arrive, register, and network over coffee.

8:30 AM - 8:45 AM: Opening Remarks

Welcome by the host.

Brief overview of today's focus.

8:45 AM - 10:15 AM: Session 1: Perl Basics and Syntax

Hands-on workshop on Perl syntax.

Protocols for writing simple Perl scripts, variables, data types, and control structures.

10:15 AM - 10:30 AM: Coffee / Tea / Snacks Break

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Working with Arrays and Hashes

Practical session on arrays and hashes.

Protocols for handling complex data structures in Perl and performing operations on them.

12:00 PM - 1:00 PM: Lunch Break

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: File Handling and Input/Output in Perl

Hands-on training on file handling.

Protocols for reading from and writing to files using Perl's built-in functions.

2:30 PM - 2:45 PM: Short Break

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Regular Expressions in Perl

Practical session on Perl regular expressions.

Protocols for pattern matching, substitutions, and using regex for text processing.

4:15 PM - 4:30 PM: Coffee / Tea / Snacks Break

Last networking opportunity with snacks.

4:30 PM - 5:30 PM: Closing Session: Implementing Changes and Technology Adoption

Group discussions on implementing new techniques learned today.

Dialogue on overcoming challenges in adopting new technologies in similar sectors.

Feedback session and closing remarks.

Certificate Issue

5:30 PM: Workshop Concludes

2. Workshop in Advanced Perl Programming Techniques

+

Date: Pre Selected Date

Fee: Rs 6000/-

Duration: One Day

Mode: Offline and Virtual

Location for Offline: NBL Cherlapalli IDA Branch

Facilitator(s): NTHRYS TEAM

8:00 AM - 8:30 AM: Registration and Welcome Coffee

Participants arrive, register, and network over coffee.

8:30 AM - 8:45 AM: Opening Remarks

Welcome by the host.

Brief overview of today's focus.

8:45 AM - 10:15 AM: Session 1: Perl Subroutines and Modules

Hands-on workshop on subroutines and modular programming in Perl.

Protocols for writing reusable subroutines and using Perl modules to organize code.

10:15 AM - 10:30 AM: Coffee / Tea / Snacks Break

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Object-Oriented Perl

Practical session on object-oriented programming in Perl.

Protocols for creating classes, objects, and implementing inheritance and polymorphism in Perl.

12:00 PM - 1:00 PM: Lunch Break

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Perl for Data Manipulation and Parsing

Hands-on training on data parsing.

Protocols for extracting and manipulating structured and unstructured data from various file formats using Perl.

2:30 PM - 2:45 PM: Short Break

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Using CPAN Modules in Perl Projects

Practical session on working with CPAN.

Protocols for searching, installing, and using CPAN modules to enhance Perl scripts.

4:15 PM - 4:30 PM: Coffee / Tea / Snacks Break

Last networking opportunity with snacks.

4:30 PM - 5:30 PM: Closing Session: Implementing Changes and Technology Adoption

Group discussions on implementing new techniques learned today.
Dialogue on overcoming challenges in adopting new technologies in similar sectors.
Feedback session and closing remarks.

Certificate Issue

5:30 PM: Workshop Concludes

3. Workshop in Perl for Bioinformatics

+

Date: Pre Selected Date

Fee: Rs 6000/-

Duration: One Day

Mode: Offline and Virtual

Location for Offline: NBL Cherlapalli IDA Branch

Facilitator(s): NTHRYS TEAM

8:00 AM - 8:30 AM: Registration and Welcome Coffee

Participants arrive, register, and network over coffee.

8:30 AM - 8:45 AM: Opening Remarks

Welcome by the host.
Brief overview of today's focus.

8:45 AM - 10:15 AM: Session 1: Sequence Analysis with Perl

Hands-on workshop on biological sequence analysis.
Protocols for processing DNA, RNA, and protein sequences using Perl libraries like

BioPerl.

10:15 AM - 10:30 AM: Coffee / Tea / Snacks Break

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Working with Biological Databases in Perl

Practical session on querying and manipulating biological databases.
Protocols for interacting with online databases such as NCBI and Ensembl using Perl scripts.

12:00 PM - 1:00 PM: Lunch Break

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Next-Generation Sequencing Data Processing

Hands-on training on NGS data analysis.
Protocols for processing large-scale sequencing data and automating workflows with Perl.

2:30 PM - 2:45 PM: Short Break

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Automation of Bioinformatics Pipelines with Perl

Practical session on automating bioinformatics workflows.
Protocols for building automated pipelines for data analysis, annotation, and reporting using Perl scripts.

4:15 PM - 4:30 PM: Coffee / Tea / Snacks Break

Last networking opportunity with snacks.

4:30 PM - 5:30 PM: Closing Session: Implementing Changes and Technology Adoption

Group discussions on implementing new techniques learned today.
Dialogue on overcoming challenges in adopting new technologies in similar sectors.
Feedback session and closing remarks.

Certificate Issue

5:30 PM: Workshop Concludes

4. Workshop in Perl for Web Development

+

Date: Pre Selected Date

Fee: Rs 6000/-

Duration: One Day

Mode: Offline and Virtual

Location for Offline: NBL Cherlapalli IDA Branch

Facilitator(s): NTHRYS TEAM

8:00 AM - 8:30 AM: Registration and Welcome Coffee

Participants arrive, register, and network over coffee.

8:30 AM - 8:45 AM: Opening Remarks

Welcome by the host.

Brief overview of today's focus.

8:45 AM - 10:15 AM: Session 1: Introduction to Web Development with Perl

Hands-on workshop on web programming in Perl.

Protocols for building dynamic web pages using Perl and CGI (Common Gateway Interface).

10:15 AM - 10:30 AM: Coffee / Tea / Snacks Break

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Database Connectivity in Perl

Practical session on database integration.

Protocols for connecting Perl scripts to databases using DBI (Database Interface)

and performing CRUD operations.

12:00 PM - 1:00 PM: Lunch Break

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Building Web Applications with Perl Dancer

Hands-on training on web frameworks.

Protocols for using Perl Dancer to create lightweight, scalable web applications.

2:30 PM - 2:45 PM: Short Break

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Web Scrapping and Automation with Perl

Practical session on web scraping.

Protocols for automating web data extraction using Perl modules like LWP and Mechanize.

4:15 PM - 4:30 PM: Coffee / Tea / Snacks Break

Last networking opportunity with snacks.

4:30 PM - 5:30 PM: Closing Session: Implementing Changes and Technology Adoption

Group discussions on implementing new techniques learned today.

Dialogue on overcoming challenges in adopting new technologies in similar sectors.

Feedback session and closing remarks.

Certificate Issue

5:30 PM: Workshop Concludes

5. Workshop in Perl for System Administration

+

Date: Pre Selected Date

Fee: Rs 6000/-

Duration: One Day

Mode: Offline and Virtual

Location for Offline: NBL Cherlapalli IDA Branch

Facilitator(s): NTHRYS TEAM

8:00 AM - 8:30 AM: Registration and Welcome Coffee

Participants arrive, register, and network over coffee.

8:30 AM - 8:45 AM: Opening Remarks

Welcome by the host.

Brief overview of today's focus.

8:45 AM - 10:15 AM: Session 1: Automation of System Tasks with Perl

Hands-on workshop on automating system administration tasks.

Protocols for automating routine tasks such as backups, log management, and file system monitoring using Perl scripts.

10:15 AM - 10:30 AM: Coffee / Tea / Snacks Break

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Perl Scripting for Network Administration

Practical session on network automation.

Protocols for automating network tasks such as device monitoring, configuration backups, and network scanning with Perl.

12:00 PM - 1:00 PM: Lunch Break

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Security and Access Control with Perl

Hands-on training on security scripting.

Protocols for building Perl scripts to enhance system security, including user

management, firewall configuration, and access control.

2:30 PM - 2:45 PM: Short Break

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Monitoring and Alerting Systems Using Perl

Practical session on monitoring and alerting.

Protocols for creating monitoring scripts that send alerts via email or SMS when specific system thresholds are reached.

4:15 PM - 4:30 PM: Coffee / Tea / Snacks Break

Last networking opportunity with snacks.

4:30 PM - 5:30 PM: Closing Session: Implementing Changes and Technology Adoption

Group discussions on implementing new techniques learned today.

Dialogue on overcoming challenges in adopting new technologies in similar sectors.

Feedback session and closing remarks.

Certificate Issue

5:30 PM: Workshop Concludes

6. Workshop in Perl for Text Processing and Data Mining

+

Date: Pre Selected Date

Fee: Rs 6000/-

Duration: One Day

Mode: Offline and Virtual

Location for Offline: NBL Cherlapalli IDA Branch

Facilitator(s): NTHRYS TEAM

8:00 AM - 8:30 AM: Registration and Welcome Coffee

Participants arrive, register, and network over coffee.

8:30 AM - 8:45 AM: Opening Remarks

Welcome by the host.

Brief overview of today's focus.

8:45 AM - 10:15 AM: Session 1: Text Parsing and Pattern Matching with Perl

Hands-on workshop on text processing.

Protocols for parsing large text files, logs, and reports using Perl's pattern matching and regular expressions.

10:15 AM - 10:30 AM: Coffee / Tea / Snacks Break

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Natural Language Processing in Perl

Practical session on NLP tasks in Perl.

Protocols for tokenizing, stemming, and extracting entities from text data using Perl.

12:00 PM - 1:00 PM: Lunch Break

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Data Mining and Statistical Analysis Using Perl

Hands-on training on data mining.

Protocols for performing data mining and statistical analysis on large datasets using Perl and CPAN modules like PDL (Perl Data Language).

2:30 PM - 2:45 PM: Short Break

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Visualizing Data with Perl

Practical session on data visualization.

Protocols for generating plots and graphs from datasets using Perl modules like GD::Graph and Chart::Plot.

4:15 PM - 4:30 PM: Coffee / Tea / Snacks Break

Last networking opportunity with snacks.

4:30 PM - 5:30 PM: Closing Session: Implementing Changes and Technology Adoption

Group discussions on implementing new techniques learned today.

Dialogue on overcoming challenges in adopting new technologies in similar sectors.

Feedback session and closing remarks.

Certificate Issue

5:30 PM: Workshop Concludes

7. Workshop in Perl for Automation in Cloud Computing

+

Date: Pre Selected Date

Fee: Rs 6000/-

Duration: One Day

Mode: Offline and Virtual

Location for Offline: NBL Cherlapalli IDA Branch

Facilitator(s): NTHRYS TEAM

8:00 AM - 8:30 AM: Registration and Welcome Coffee

Participants arrive, register, and network over coffee.

8:30 AM - 8:45 AM: Opening Remarks

Welcome by the host.

Brief overview of today's focus.

8:45 AM - 10:15 AM: Session 1: Introduction to Cloud Automation with Perl

Hands-on workshop on cloud automation.

Protocols for automating cloud resource management using Perl, including starting/stopping instances and monitoring services.

10:15 AM - 10:30 AM: Coffee / Tea / Snacks Break

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Using Perl for AWS Automation

Practical session on AWS automation with Perl.

Protocols for automating AWS services like EC2, S3, and Lambda using Perl and the AWS SDK.

12:00 PM - 1:00 PM: Lunch Break

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Infrastructure as Code (IaC) with Perl

Hands-on training on automating infrastructure.

Protocols for using Perl to write scripts that define, deploy, and manage cloud infrastructure as code.

2:30 PM - 2:45 PM: Short Break

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Continuous Integration and Deployment with Perl

Practical session on CI/CD automation.

Protocols for using Perl scripts to automate build, test, and deployment pipelines in cloud environments.

4:15 PM - 4:30 PM: Coffee / Tea / Snacks Break

Last networking opportunity with snacks.

4:30 PM - 5:30 PM: Closing Session: Implementing Changes and Technology Adoption

Group discussions on implementing new techniques learned today.

Dialogue on overcoming challenges in adopting new technologies in similar sectors.

Feedback session and closing remarks.

Certificate Issue

5:30 PM: Workshop Concludes

8. Workshop in Perl for Machine Learning and AI

+

Date: Pre Selected Date

Fee: Rs 6000/-

Duration: One Day

Mode: Offline and Virtual

Location for Offline: NBL Cherlapalli IDA Branch

Facilitator(s): NTHRYS TEAM

8:00 AM - 8:30 AM: Registration and Welcome Coffee

Participants arrive, register, and network over coffee.

8:30 AM - 8:45 AM: Opening Remarks

Welcome by the host.

Brief overview of today's focus.

8:45 AM - 10:15 AM: Session 1: Introduction to Machine Learning with Perl

Hands-on workshop on machine learning.

Protocols for building simple machine learning models using Perl and relevant CPAN modules like AI::MXNet.

10:15 AM - 10:30 AM: Coffee / Tea / Snacks Break

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Data Preprocessing and Feature Engineering with Perl

Practical session on data preprocessing.

Protocols for cleaning, transforming, and engineering features from data to use in

machine learning models.

12:00 PM - 1:00 PM: Lunch Break

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Training and Evaluating Machine Learning Models in Perl

Hands-on training on model training.

Protocols for training, evaluating, and tuning machine learning models using Perl-based libraries and data analysis tools.

2:30 PM - 2:45 PM: Short Break

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Deploying Machine Learning Models Using Perl

Practical session on model deployment.

Protocols for deploying machine learning models as APIs or web services using Perl-based frameworks.

4:15 PM - 4:30 PM: Coffee / Tea / Snacks Break

Last networking opportunity with snacks.

4:30 PM - 5:30 PM: Closing Session: Implementing Changes and Technology Adoption

Group discussions on implementing new techniques learned today.

Dialogue on overcoming challenges in adopting new technologies in similar sectors.

Feedback session and closing remarks.

Certificate Issue

5:30 PM: Workshop Concludes

9. Workshop in Perl for Robotics and IoT

+

Date: Pre Selected Date

Fee: Rs 6000/-

Duration: One Day

Mode: Offline and Virtual

Location for Offline: NBL Cherlapalli IDA Branch

Facilitator(s): NTHRYS TEAM

8:00 AM - 8:30 AM: Registration and Welcome Coffee

Participants arrive, register, and network over coffee.

8:30 AM - 8:45 AM: Opening Remarks

Welcome by the host.

Brief overview of today's focus.

8:45 AM - 10:15 AM: Session 1: Introduction to IoT Programming with Perl

Hands-on workshop on IoT programming.

Protocols for interfacing Perl scripts with IoT devices such as sensors and actuators using communication protocols like MQTT and REST.

10:15 AM - 10:30 AM: Coffee / Tea / Snacks Break

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Perl for Robotics Control Systems

Practical session on robotics programming with Perl.

Protocols for using Perl to control robotic systems, including sensors, motors, and feedback loops.

12:00 PM - 1:00 PM: Lunch Break

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Data Logging and Monitoring for IoT with Perl

Hands-on training on data logging for IoT.

Protocols for logging and analyzing data from IoT devices in real-time using Perl scripts and cloud platforms.

2:30 PM - 2:45 PM: Short Break

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Remote Control and Automation for IoT Devices with Perl

Practical session on remote control of IoT systems.

Protocols for setting up remote access and automation of IoT devices using Perl scripts.

4:15 PM - 4:30 PM: Coffee / Tea / Snacks Break

Last networking opportunity with snacks.

4:30 PM - 5:30 PM: Closing Session: Implementing Changes and Technology Adoption

Group discussions on implementing new techniques learned today.

Dialogue on overcoming challenges in adopting new technologies in similar sectors.

Feedback session and closing remarks.

Certificate Issue

5:30 PM: Workshop Concludes

10. Workshop in Perl for Game Development

+

Date: Pre Selected Date

Fee: Rs 6000/-

Duration: One Day

Mode: Offline and Virtual

Location for Offline: NBL Cherlapalli IDA Branch

Facilitator(s): NTHRYS TEAM

8:00 AM - 8:30 AM: Registration and Welcome Coffee

Participants arrive, register, and network over coffee.

8:30 AM - 8:45 AM: Opening Remarks

Welcome by the host.

Brief overview of today's focus.

8:45 AM - 10:15 AM: Session 1: Introduction to Game Development with Perl

Hands-on workshop on basic game development.

Protocols for using Perl to create simple 2D games, including basic animations, game mechanics, and user input handling.

10:15 AM - 10:30 AM: Coffee / Tea / Snacks Break

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Game Physics and Simulations in Perl

Practical session on implementing game physics.

Protocols for adding physics-based interactions like collisions, gravity, and movement to Perl-based games.

12:00 PM - 1:00 PM: Lunch Break

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Audio and Graphics Integration in Perl Games

Hands-on training on multimedia integration.

Protocols for adding sound effects, music, and graphics to games using Perl modules like SDL (Simple DirectMedia Layer).

2:30 PM - 2:45 PM: Short Break

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: AI and NPC Behavior in Perl Games

Practical session on creating AI for games.

Protocols for implementing simple artificial intelligence for non-player characters

(NPCs) and game logic in Perl.

4:15 PM - 4:30 PM: Coffee / Tea / Snacks Break

Last networking opportunity with snacks.

4:30 PM - 5:30 PM: Closing Session: Implementing Changes and Technology Adoption

Group discussions on implementing new techniques learned today.

Dialogue on overcoming challenges in adopting new technologies in similar sectors.

Feedback session and closing remarks.

Certificate Issue

5:30 PM: Workshop Concludes

11. Workshop in Perl for Blockchain Development

+

Date: Pre Selected Date

Fee: Rs 6000/-

Duration: One Day

Mode: Offline and Virtual

Location for Offline: NBL Cherlapalli IDA Branch

Facilitator(s): NTHRYS TEAM

8:00 AM - 8:30 AM: Registration and Welcome Coffee

Participants arrive, register, and network over coffee.

8:30 AM - 8:45 AM: Opening Remarks

Welcome by the host.

Brief overview of today's focus.

8:45 AM - 10:15 AM: Session 1: Introduction to Blockchain

Programming with Perl

Hands-on workshop on blockchain concepts.
Protocols for building and interacting with blockchain networks using Perl,
including basic transaction handling and smart contracts.

10:15 AM - 10:30 AM: Coffee / Tea / Snacks Break

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Developing Decentralized Applications (DApps) with Perl

Practical session on DApp development.
Protocols for using Perl to build decentralized applications that interact with
blockchain networks like Ethereum.

12:00 PM - 1:00 PM: Lunch Break

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Writing and Testing Smart Contracts in Perl

Hands-on training on smart contracts.
Protocols for writing, deploying, and testing smart contracts on blockchain
platforms using Perl-based tools.

2:30 PM - 2:45 PM: Short Break

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Integrating Perl with Blockchain APIs

Practical session on API integration.
Protocols for interacting with blockchain networks and services via APIs using Perl,
including handling blockchain wallets and transactions.

4:15 PM - 4:30 PM: Coffee / Tea / Snacks Break

Last networking opportunity with snacks.

4:30 PM - 5:30 PM: Closing Session: Implementing Changes and

Technology Adoption

Group discussions on implementing new techniques learned today.
Dialogue on overcoming challenges in adopting new technologies in similar sectors.
Feedback session and closing remarks.

Certificate Issue

5:30 PM: Workshop Concludes

12. Workshop in Perl for Cybersecurity

+

Date: Pre Selected Date

Fee: Rs 6000/-

Duration: One Day

Mode: Offline and Virtual

Location for Offline: NBL Cherlapalli IDA Branch

Facilitator(s): NTHRYS TEAM

8:00 AM - 8:30 AM: Registration and Welcome Coffee

Participants arrive, register, and network over coffee.

8:30 AM - 8:45 AM: Opening Remarks

Welcome by the host.
Brief overview of today's focus.

8:45 AM - 10:15 AM: Session 1: Introduction to Cybersecurity Scripting with Perl

Hands-on workshop on cybersecurity automation.
Protocols for writing Perl scripts to automate security tasks, including vulnerability scanning and network analysis.

10:15 AM - 10:30 AM: Coffee / Tea / Snacks Break

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Perl for Penetration Testing

Practical session on using Perl for pentesting.

Protocols for developing scripts to automate common penetration testing tasks like port scanning, password cracking, and exploiting vulnerabilities.

12:00 PM - 1:00 PM: Lunch Break

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Malware Analysis and Reverse Engineering with Perl

Hands-on training on malware analysis.

Protocols for writing Perl scripts to analyze and reverse-engineer malware and detect malicious behavior.

2:30 PM - 2:45 PM: Short Break

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Perl for Forensic Investigations

Practical session on digital forensics.

Protocols for using Perl scripts to analyze logs, recover data, and trace network activity in forensic investigations.

4:15 PM - 4:30 PM: Coffee / Tea / Snacks Break

Last networking opportunity with snacks.

4:30 PM - 5:30 PM: Closing Session: Implementing Changes and Technology Adoption

Group discussions on implementing new techniques learned today.

Dialogue on overcoming challenges in adopting new technologies in similar sectors.

Feedback session and closing remarks.

Certificate Issue

5:30 PM: Workshop Concludes

13. Workshop in Perl for Financial Applications

+

Date: Pre Selected Date

Fee: Rs 6000/-

Duration: One Day

Mode: Offline and Virtual

Location for Offline: NBL Cherlapalli IDA Branch

Facilitator(s): NTHRYS TEAM

8:00 AM - 8:30 AM: Registration and Welcome Coffee

Participants arrive, register, and network over coffee.

8:30 AM - 8:45 AM: Opening Remarks

Welcome by the host.

Brief overview of today's focus.

8:45 AM - 10:15 AM: Session 1: Automating Financial Calculations with Perl

Hands-on workshop on financial automation.

Protocols for automating financial calculations like interest rates, loan schedules, and currency conversions using Perl scripts.

10:15 AM - 10:30 AM: Coffee / Tea / Snacks Break

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Perl for Financial Data Analysis and Reporting

Practical session on financial data analysis.

Protocols for analyzing financial data, generating reports, and visualizing trends using Perl.

12:00 PM - 1:00 PM: Lunch Break

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Perl for Stock Market Data Collection and Analysis

Hands-on training on stock market automation.

Protocols for automating the collection, parsing, and analysis of stock market data in real-time using Perl scripts.

2:30 PM - 2:45 PM: Short Break

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Perl for Algorithmic Trading and Strategy Development

Practical session on algorithmic trading.

Protocols for using Perl to develop, backtest, and deploy algorithmic trading strategies on financial markets.

4:15 PM - 4:30 PM: Coffee / Tea / Snacks Break

Last networking opportunity with snacks.

4:30 PM - 5:30 PM: Closing Session: Implementing Changes and Technology Adoption

Group discussions on implementing new techniques learned today.

Dialogue on overcoming challenges in adopting new technologies in similar sectors.

Feedback session and closing remarks.

Certificate Issue

5:30 PM: Workshop Concludes

14. Workshop in Perl for Big Data

+

Date: Pre Selected Date

Fee: Rs 6000/-

Duration: One Day

Mode: Offline and Virtual

Location for Offline: NBL Cherlapalli IDA Branch

Facilitator(s): NTHRYS TEAM

8:00 AM - 8:30 AM: Registration and Welcome Coffee

Participants arrive, register, and network over coffee.

8:30 AM - 8:45 AM: Opening Remarks

Welcome by the host.

Brief overview of today's focus.

8:45 AM - 10:15 AM: Session 1: Introduction to Big Data Processing with Perl

Hands-on workshop on big data.

Protocols for using Perl to process and manipulate large datasets, including data parsing, filtering, and transformation.

10:15 AM - 10:30 AM: Coffee / Tea / Snacks Break

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Perl for Distributed Data Processing with Hadoop and Spark

Practical session on distributed computing.

Protocols for integrating Perl with big data platforms like Hadoop and Spark to process massive datasets.

12:00 PM - 1:00 PM: Lunch Break

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Data Warehousing and ETL with Perl

Hands-on training on ETL processes.

Protocols for using Perl to perform extract, transform, and load (ETL) tasks for data warehousing and big data pipelines.

2:30 PM - 2:45 PM: Short Break

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Data Aggregation and Reporting for Big Data Projects

Practical session on data reporting.

Protocols for aggregating data, generating reports, and visualizing big data insights using Perl-based tools and libraries.

4:15 PM - 4:30 PM: Coffee / Tea / Snacks Break

Last networking opportunity with snacks.

4:30 PM - 5:30 PM: Closing Session: Implementing Changes and Technology Adoption

Group discussions on implementing new techniques learned today.

Dialogue on overcoming challenges in adopting new technologies in similar sectors.

Feedback session and closing remarks.

Certificate Issue

5:30 PM: Workshop Concludes

15. Workshop in Perl for API Development and Integration

+

Date: Pre Selected Date

Fee: Rs 6000/-

Duration: One Day

Mode: Offline and Virtual

Location for Offline: NBL Cherlapalli IDA Branch

Facilitator(s): NTHRYS TEAM

8:00 AM - 8:30 AM: Registration and Welcome Coffee

Participants arrive, register, and network over coffee.

8:30 AM - 8:45 AM: Opening Remarks

Welcome by the host.

Brief overview of today's focus.

8:45 AM - 10:15 AM: Session 1: Building RESTful APIs with Perl

Hands-on workshop on API development.

Protocols for designing and implementing RESTful APIs using Perl and web frameworks like Mojolicious and Dancer.

10:15 AM - 10:30 AM: Coffee / Tea / Snacks Break

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: API Authentication and Security in Perl

Practical session on securing APIs.

Protocols for implementing API authentication methods like OAuth and securing endpoints using Perl.

12:00 PM - 1:00 PM: Lunch Break

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Integrating External APIs with Perl

Hands-on training on API integration.

Protocols for using Perl to consume external APIs, parse JSON/XML responses, and integrate them into applications.

2:30 PM - 2:45 PM: Short Break

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Building Microservices with Perl

Practical session on microservices architecture.

Protocols for developing microservices with Perl and orchestrating them within cloud-native environments.

4:15 PM - 4:30 PM: Coffee / Tea / Snacks Break

Last networking opportunity with snacks.

4:30 PM - 5:30 PM: Closing Session: Implementing Changes and Technology Adoption

Group discussions on implementing new techniques learned today.

Dialogue on overcoming challenges in adopting new technologies in similar sectors.

Feedback session and closing remarks.

Certificate Issue

5:30 PM: Workshop Concludes

16. Workshop in Perl for Artificial Intelligence and Neural Networks

+

Date: Pre Selected Date

Fee: Rs 6000/-

Duration: One Day

Mode: Offline and Virtual

Location for Offline: NBL Cherlapalli IDA Branch

Facilitator(s): NTHRYS TEAM

8:00 AM - 8:30 AM: Registration and Welcome Coffee

Participants arrive, register, and network over coffee.

8:30 AM - 8:45 AM: Opening Remarks

Welcome by the host.

Brief overview of today's focus.

8:45 AM - 10:15 AM: Session 1: Introduction to Neural Networks in

Perl

Hands-on workshop on building neural networks.

Protocols for using Perl to create simple neural networks and train them on basic datasets.

10:15 AM - 10:30 AM: Coffee / Tea / Snacks Break

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Implementing Deep Learning Algorithms with Perl

Practical session on deep learning.

Protocols for building and training deep learning models using Perl and CPAN modules for AI and machine learning.

12:00 PM - 1:00 PM: Lunch Break

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: AI for Image and Signal Processing in Perl

Hands-on training on AI for image processing.

Protocols for implementing image recognition, signal processing, and feature extraction using AI techniques in Perl.

2:30 PM - 2:45 PM: Short Break

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Reinforcement Learning Algorithms in Perl

Practical session on reinforcement learning.

Protocols for implementing reinforcement learning algorithms and optimizing decision-making models in Perl.

4:15 PM - 4:30 PM: Coffee / Tea / Snacks Break

Last networking opportunity with snacks.

4:30 PM - 5:30 PM: Closing Session: Implementing Changes and

Technology Adoption

Group discussions on implementing new techniques learned today.
Dialogue on overcoming challenges in adopting new technologies in similar sectors.
Feedback session and closing remarks.

Certificate Issue

5:30 PM: Workshop Concludes

17. Workshop in Perl for Virtualization and Containerization

+

Date: Pre Selected Date

Fee: Rs 6000/-

Duration: One Day

Mode: Offline and Virtual

Location for Offline: NBL Cherlapalli IDA Branch

Facilitator(s): NTHRYS TEAM

8:00 AM - 8:30 AM: Registration and Welcome Coffee

Participants arrive, register, and network over coffee.

8:30 AM - 8:45 AM: Opening Remarks

Welcome by the host.
Brief overview of today's focus.

8:45 AM - 10:15 AM: Session 1: Automating Virtualization Tasks with Perl

Hands-on workshop on automating virtualization.
Protocols for using Perl to automate tasks such as creating, managing, and monitoring virtual machines in environments like VMware and KVM.

10:15 AM - 10:30 AM: Coffee / Tea / Snacks Break

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Perl Scripting for Docker and Containers

Practical session on container automation.

Protocols for using Perl scripts to automate Docker container management, including build, deploy, and scale operations.

12:00 PM - 1:00 PM: Lunch Break

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Managing Kubernetes Clusters with Perl

Hands-on training on Kubernetes.

Protocols for using Perl to interact with Kubernetes APIs for automating the management of containerized applications.

2:30 PM - 2:45 PM: Short Break

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Perl for Serverless Computing and Functions as a Service

Practical session on serverless computing.

Protocols for developing and deploying serverless functions in cloud platforms like AWS Lambda using Perl.

4:15 PM - 4:30 PM: Coffee / Tea / Snacks Break

Last networking opportunity with snacks.

4:30 PM - 5:30 PM: Closing Session: Implementing Changes and Technology Adoption

Group discussions on implementing new techniques learned today.

Dialogue on overcoming challenges in adopting new technologies in similar sectors.

Feedback session and closing remarks.

Certificate Issue

5:30 PM: Workshop Concludes

18. Workshop in Perl for DevOps and Continuous Delivery

+

Date: Pre Selected Date

Fee: Rs 6000/-

Duration: One Day

Mode: Offline and Virtual

Location for Offline: NBL Cherlapalli IDA Branch

Facilitator(s): NTHRYS TEAM

8:00 AM - 8:30 AM: Registration and Welcome Coffee

Participants arrive, register, and network over coffee.

8:30 AM - 8:45 AM: Opening Remarks

Welcome by the host.

Brief overview of today's focus.

8:45 AM - 10:15 AM: Session 1: Continuous Integration with Perl

Hands-on workshop on CI automation.

Protocols for integrating Perl scripts into CI/CD pipelines for automating builds, tests, and deployments.

10:15 AM - 10:30 AM: Coffee / Tea / Snacks Break

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Managing Infrastructure as Code with Perl

Practical session on infrastructure automation.

Protocols for writing Perl scripts to automate infrastructure provisioning and configuration management using tools like Terraform and Ansible.

12:00 PM - 1:00 PM: Lunch Break

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Automating Release Pipelines with Perl

Hands-on training on release automation.

Protocols for using Perl to automate software release processes, version control, and rollback procedures.

2:30 PM - 2:45 PM: Short Break

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Monitoring and Logging in DevOps with Perl

Practical session on monitoring automation.

Protocols for automating monitoring and logging of infrastructure and applications using Perl scripts and open-source monitoring tools.

4:15 PM - 4:30 PM: Coffee / Tea / Snacks Break

Last networking opportunity with snacks.

4:30 PM - 5:30 PM: Closing Session: Implementing Changes and Technology Adoption

Group discussions on implementing new techniques learned today.

Dialogue on overcoming challenges in adopting new technologies in similar sectors.

Feedback session and closing remarks.

Certificate Issue

5:30 PM: Workshop Concludes

19. Workshop in Perl for Social Media and Marketing Automation

+

Date: Pre Selected Date

Fee: Rs 6000/-

Duration: One Day

Mode: Offline and Virtual

Location for Offline: NBL Cherlapalli IDA Branch

Facilitator(s): NTHRYS TEAM

8:00 AM - 8:30 AM: Registration and Welcome Coffee

Participants arrive, register, and network over coffee.

8:30 AM - 8:45 AM: Opening Remarks

Welcome by the host.

Brief overview of today's focus.

8:45 AM - 10:15 AM: Session 1: Automating Social Media Posts with Perl

Hands-on workshop on social media automation.

Protocols for writing Perl scripts to schedule and post content across multiple social media platforms.

10:15 AM - 10:30 AM: Coffee / Tea / Snacks Break

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Analyzing Social Media Data with Perl

Practical session on data analysis.

Protocols for collecting, parsing, and analyzing social media data using Perl for sentiment analysis and trend detection.

12:00 PM - 1:00 PM: Lunch Break

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Email Marketing Automation with Perl

Hands-on training on email marketing.

Protocols for writing Perl scripts to automate email marketing campaigns, including

list management and performance tracking.

2:30 PM - 2:45 PM: Short Break

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Using Perl for SEO and Web Analytics

Practical session on SEO automation.

Protocols for automating search engine optimization tasks and analyzing web traffic data using Perl.

4:15 PM - 4:30 PM: Coffee / Tea / Snacks Break

Last networking opportunity with snacks.

4:30 PM - 5:30 PM: Closing Session: Implementing Changes and Technology Adoption

Group discussions on implementing new techniques learned today.

Dialogue on overcoming challenges in adopting new technologies in similar sectors.

Feedback session and closing remarks.

Certificate Issue

5:30 PM: Workshop Concludes

20. Workshop in Perl for E-commerce and Online Retail

+

Date: Pre Selected Date

Fee: Rs 6000/-

Duration: One Day

Mode: Offline and Virtual

Location for Offline: NBL Cherlapalli IDA Branch

Facilitator(s): NTHRYS TEAM

8:00 AM - 8:30 AM: Registration and Welcome Coffee

Participants arrive, register, and network over coffee.

8:30 AM - 8:45 AM: Opening Remarks

Welcome by the host.

Brief overview of today's focus.

8:45 AM - 10:15 AM: Session 1: Developing E-commerce Websites with Perl

Hands-on workshop on e-commerce development.

Protocols for using Perl to build and manage online stores, including inventory management and payment processing integration.

10:15 AM - 10:30 AM: Coffee / Tea / Snacks Break

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Automating Inventory Management with Perl

Practical session on inventory automation.

Protocols for using Perl scripts to automate inventory tracking, stock updates, and alerting systems.

12:00 PM - 1:00 PM: Lunch Break

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Integrating Payment Gateways in Perl E-commerce Sites

Hands-on training on payment processing.

Protocols for integrating and securing payment gateways in Perl-based e-commerce websites.

2:30 PM - 2:45 PM: Short Break

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Customer Data and Order

Processing Automation

Practical session on customer data management.

Protocols for automating customer relationship management, order tracking, and reporting using Perl scripts.

4:15 PM - 4:30 PM: Coffee / Tea / Snacks Break

Last networking opportunity with snacks.

4:30 PM - 5:30 PM: Closing Session: Implementing Changes and Technology Adoption

Group discussions on implementing new techniques learned today.

Dialogue on overcoming challenges in adopting new technologies in similar sectors.

Feedback session and closing remarks.

Certificate Issue

5:30 PM: Workshop Concludes

Note: NTHRYS Management reserves the right to modify the workshop module at any time without prior notice. Registered or enrolled candidates will receive the module that is current on the day of enrollment.

NTHRYS Workshops Department

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Perl Workshops Application Process

1. Select a workshop from the list.
2. Contact via whatsapp on the number present above to request fee details and dates suitable for joining. Alternatively, you can send an email to workshops (a t) nthrys [d 0 t] com.
3. Our Workshop department will contact you promptly to provide further assistance.