Wilshire Software Technologies

		Adv. Shell Scripting Schedule
Week - 1		**Topics**
		Introduction to Shell Scripting and its Usage
		Regular Expressions, GREP Command
		Sed Editor Tasks
		The adv-awk programming language, **Use awk commands from the command line ,** **Write simple awk programs & conditions.**
		UNIX Shells and Shell Scripts Describe the role/standards of shells in the UNIX environment. Define the components of a shell script & Write a simple shell script.
		The Shell Environment Assign/display values to shell variables. Make variables available to sub processes using the export statement. Perform arithmetic operations & Create and use aliases. Define/display aliases
Week - 2		**Writing and Debugging Scripts:** Start a script with #! & Change permissions on a script. Execute/debug a script.
		Conditionals: Use the exit status of command as conditional; control Pass values using command–line arguments (positional parameters) into a script. Create USAGE messages. Use conditional if, then, else if, else, and fi constructs & Use let, and test statements ([[ ]]," "). Use the case statement & Quoting (single, double, backslash, back quote)
		Loops: Write scripts that use for, while and until loops & Write a script using the select statement
		Interactive Scripts: Use the print and echo commands to display text. Use the read command to interactively assign data to a shell variable. Create a "here" document & Use file descriptors.
		Advanced Variables, Parameters, and Argument Lists: Declare strings, integers, and array variables & Manipulate string variables Change the values of the positional parameters using the shift with in a script. Set default values for parameters
		Functions: Create user-defined functions in a shell script.Create, invoke, and display functions from the command line Pass arguments into a function. Call functions from (function) files, Traps Describe how the trap statement works Use the trap statement to catch signals to perform Error-Handling.
		Dialog Utilities & Job Automation.
		… End of the Course …