

Multimedia and Web Technology (067)

CLASS -XI

CLASSES REQUIRED	10 Hours
TOPIC	Javascript Arrays
CONCEPT & SKILLS	Arrays One Dimesional Arrays Searching Techniques Sorting Techniques Stack Queue Associative Arrays
LEARNING OUTCOMES	Students will acquire the knowledge and skills of using the one dimensional arrays, Searching techniques, sorting techniques, stack operations, queue operations and associative arrays.
INSTRUCTIONAL TOOLS & REFERENCES	Tools: Computer Systems, Projector, White Board and Marker. References: w3schools.com, developer.mozilla.org, and tutorialspoint.com
PEDAGOGY	Brain Storming, Concept Formation, Reflective Discussions and Random Questioning.
ACTIVITY / ASSIGNMENT / RESEARCH	Students will be given practical assignments on how to use arrays, how to perform searching and sorting techniques and how to perform stack and queue operations effectively.
ASSESSMENT	Questioning, Discussions in the class and practicals in the lab.
SYLLABUS FOR FORMATIVE & SUMMATIVE ASSESSMENT	Concept of arrays, One dimensional arrays, associative arrays, Linear Search, Binary Search, Bubble Sort, Selection Sort, stacks and queues.