



**Marwadi**  
University  
Marwadi Chandarana Group



<b>Branch/Semester</b>	Bsc (IT Cloud & Application Development) / II
<b>Subject Name:</b>	Routing & Switching Technology
<b>Subject Code:</b>	05CA0201
<b>Assignment:</b>	Assignment No. 4 (Fundamentals of Ethernet LANs & Cisco IOS)
<b>Due Date:</b>	06/03/2025
<b>Faculty Name:</b>	Prof. Rishabh Singh

1.	Embark on a journey through the intricate layers of the Cisco IOS router boot process, where each step unfolds with precision and purpose. Delve deep into the realms of bootstrap code execution, POST (Power-On Self-Test) diagnostics, and the loading of the IOS image from non-volatile memory.
2.	What are the different methods to manage Cisco IOS files, and why are they important?
3.	What is the role of the TFTP server in managing Cisco IOS files?

