



Report on the Webinar

Topic: "5G Networking with VMware and Wind River"

Date: 04.08.2025.

Title of the Event / Program	Webinar on "5G Networking with VMware and Wind River".
Date of Event (s)	02.08.2025
Time	11:00 AM to 01:00 PM
Target Audience	B. Tech IV CSE Allied Branches.
Room No	Seminar hall-114
No. of participants	80
Chief guest	Dr. S. Ramalinga Reddy, Director Dr. P. Rayudu, Principal
Resource person	Mr. P. Shashi Vardhan Reddy, Cloud Engineer, Dish Network Technologies, Bangalore.
Organized by	Department of CSE(AI)
Committee	1. Mrs. N. Tejaswini-Co-Ordinator, Assistant Professor, Department of CSE(AI). 2. Mrs. P. Sirisha –Member, Assistant Professor, Department of CSE(AI).





Description of the Program	<p>Department of CSE (AI) conducted a Webinar on “5G Networking with VMware and Wind River” on 02-08-2025.</p> <p>Dr. P. Rayudu, the Principal, Dr. M. Roshini Head of Department and the resource person addressed the students during the inaugural of the Webinar, the resource person has covered the following points.</p> <p>The objective of the Webinar was to provide participants with a comprehensive understanding of VM ware, Virtual Machines, benefits of VM ware in real time working Organizations.</p> <p>Agenda</p> <p>Create and utilization of Below topics to be covered as part of Webinar</p> <ul style="list-style-type: none">• VMotion (Live migration of VMs)• Storage vMotion• DRS (Distributed Resource Scheduler)• HA (High Availability)• FT (Fault Tolerance)• Snapshots and Cloning• Resource Pools and Clusters• Host Profiles• VM templates and customization specs <p>Snapshots: Capture point-in-time VM states (memory, CPU, disk). Good for backups or pre-change rollbacks—but degrade performance if retained too long.</p> <p>Cloning: Create a full copy of a VM, which is useful for testing environments or building templates.</p> <p>Automatically balances CPU and memory workload across hosts in a cluster using vMotion, based on set policies. Supports manual, partially automated, or fully automated modes. Also offers affinity/anti-affinity VM placement rules and predictive actions with VRealize. Requires shared storage and Enterprise or Enterprise Plus licensing. Keeps a synchronized secondary VM running on another host using VLockstep technology, allowing zero-downtime failover with no state loss. More robust than HA but requires vSphere Enterprise Plus and usually specific network/CPU configurations.</p>
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Photos of the Event



Students participating Webinar in 5G Networking with VMware and Wind River



Students Attend for Webinar on 5G Networking with VMware and Wind River



