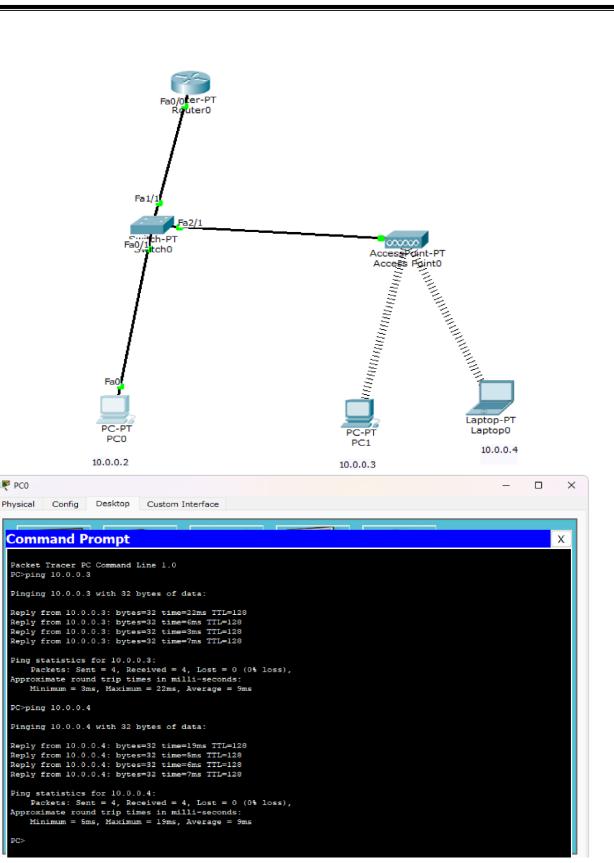
## **LABORATORY PROGRAM – 12**

To construct a WLAN and make the nodes communicate wirelessly

	Date:
18/12/24	LabNo 13
18112124	Wall Wireless LAIT
	Aim: To construct a Wireless LAN and make
	the nodes Communicate wirelessly.
NOT THE R	
	Tritial Tamalague
	Initial Topology:
	P In
	Routes 10.0.0.2
	(00000) 1
	Switch Access point
	10.0.0.1 R Laptop
	10.0.0.3 10.0.0.4
0	Brocedure >
(1)	Create the Topology as given above and configure
6	the devices.
(2)	Configure Access Point:
	click Accesspoint -> Config -> Portl:
DID HIM	SSID: bousce
	Select OWEP
	Set key: 1234567890
(3)	Configure PC & Laptop with wireless standards.
no stre	-Switch off Device
.31	-> Drag the existing PT-HOST-NM-IAM to the component
- 19	listed in the LHS of Phissis
J. Kest	> Drag WMP300N wireless interface to the empty pot
-	> Switch on the device
miles !	Il position to be because the second of the
a).	In the configuration
	In the config Tab , a new wireless interface was
9	1000

-	
)	Page   Date   1
-	@ configure the device by entering SEIP, WEP, WEP key
	I Paiddress and Galeway.
a ke	
The same	Topology after wireless Configuration:
-	Marks the ret
	Router 10.0.0.2
	10 10
	Switch Accesspored
	The state of the s
	10.0.0.1 Dr Laptop
	10.0.0.3 10.0.0.4
	6 Ping from every device to every other device to check
	6 ring from every getta to
	for connection.
jure	
	Observation: .  (1) We were able to ping from every device to every other device
	The dess point:  -> Creates bridge between wired and wireless devices  -> Creates bridge between wired and wireless devices
	# SSID broadcasting - announces the wireless networks name
	(SSIP) to allow devices to connect using
	WEP, WPA OF WPAZ
	3 WMP300N wireless interface;
ponent	-Wireless network adapter that enables devices to commun
	-irate with access point using wine
	(a) De sing: 10, 0,0,1 to 10,0,0,3,
1	, Collar Strate Collar
	This is after the ARP tables are operated are
Nas_	(5) Pinging: 10.0.0.5 to provide Switch -> 10.0.0.1
	107070-3



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