

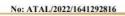
ST. XAVIER'S COLLEGE, MAPUSA GOA

College with Potential for Excellence Re-accredited by NAAC with A Grade Awarded DBT STAR College Scheme

Nature of Event	One-week National level online Faculty Development
(Workshop, Guest Lecture, Add-	Programme on "DCS-Switching and Routing"
on Course, Seminar, etc.)	
Name of Department	Electronics
	1) Mrs. Vilma M. T. Fernandes
Faculty attended	2) Mr. Daryl Gonsalves
	3) Dr. Caje F. Pinto
	4) Ms. Darshata Satardekar
Stratum of Event	
(College, State, Regional,	National level
National)	
Title of Event	"DCS-Switching and Routing"
Date of Event	17 th January 2022 to 21 st January 2022
	from 10:00 a.m. to 4:00 p.m.
Venue	Online mode, University Science Instrumentation Centre,
Venue	School of Physical and Applied Science, Goa University
	Mr. Nilesh Vartak, DCT-D-link Academy
Resource Person details	Prof. D. Sridharan, ECE, Anna University
nesource reison details	Prof. Nagendra Gajjar, ECE, IT-Nirma University
	Dr. Udaysing Rane, Assoc. Prof. DM's College, Goa
	Mr. Deepak Chodankar, VP at SNSL-Goa
	Dr. Anil Tane, Asst. Prof., IPHB, Government of Goa
Objective/ Scope of Event	The FDP is a part of the ATAL Academy Initiative and has
	been designed for empowering teachers with change
	management strategies in the implementation of National
	Education Policy 2020 in their organization. This course
	enabled the participants(us) to gain a broad understanding of
	all features and aspects of Switching and Routing
	technologies.
	The different sessions conducted were:
Particulars of Event	1) Course introduction: Networking, OSI and TCP/IP
	2) Introduction to Networks I
	3) Introduction to Networks II
	4) Advance in Networks I
	5) Advance in Networks II
	of D-Link Switches and Features
	7) Switch Learning process, VLAN and GVRP: The switch L@

FDB Learning Process
8) Understanding and configuring Spanning Tree Protocol
STP RSTP
9) Routing Basic RIP and Static: Basic Concept and
configuration of Routing, Case studies and exercise
10) Stress Management
11) Accessing and Configuring switch, D-Link Switch
operations (Lab exercise), Case studies
12) Switch Learning Process, VLAN and GVRP: Concept of
802.1Q, VLAN (Lab exercise), Practise session (Case studies)
13) Switch stacking: Concept of Switching Physical stacking,
Virtual stacking, Stacking operations, Configuring switch stacking
14) Understanding and configuring D-Link, ACL, LLDP and System Maintenance, Case studies and exercise
After completion of this course, an assessment test was conducted on the last day of the programme for all the
participants. We have gained knowledge in the designing,
troubleshooting and maintaining of the Network. We also
had the opportunity to have a hands-on practice with the
material with Real-time Industry experience.
Good. Course was helpful.
4 faculty members from the Department of Electronics

Photographs









ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070

AICTE Training and Learning (ATAL) Academy

Certificate

This is certified that Vilma Maria Teresa Fernandes, Associate Professor of St. Xavier's College, Mapusa, Goa participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "DCS-Switching and Routing" from 17/01/2022 to 21/01/2022 at Goa University.



Advisor-I, ATAL Academy Mamta Rani Agarwal





