Program Schedule for ModuleI

Date & Day	Time	Activity
5.12.19	9:30AM to 4:30PM	Modules(1-3)
9.12.19	9:30AM to 4:30PM	Modules(1-3)
10.12.19	9:30AM to 4:30PM	Modules(4-7)
11.12.19	9:30AM to 4:30PM	Modules(4-7)
12.12.19	9:30AM to 4:30PM	Modules(8-10)
13.12.19	9:30AM to 4:30PM	Modules(8-10)
16.12.19	9:30AM to 4:30PM	Modules(11-13)

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Department of Computer Science &Engineering
Dr TThimmaiah Institute of Technology,
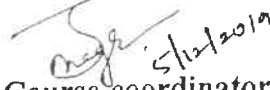## Oorgaum Post, K G F - 563120

17.12.19	9:30AM to 4:30PM	Modules(14-15)
19.12.19	9:30AM to 4:30PM	Modules(14-15)
20.12.19	9:30AM to 4:30PM	Modules(16-17)
23.12.19	9:30AM to 4:30PM	Modules(16-17)
24.12.19	9:30AM to 4:30PM	Practice & feedback session
27.12.19	9:30AM to 4:30PM	Practice & feedback session

5/12/2019

Course-coordinator

NAGARAJ.S.

10/12/12

PRINCIPAL
Dr. T. Thimmaiah Institute of Technology
Oorgaum, K. G. F- 563120

Dr. T.THIMMAIAH INSTITUTE OF TECHNOLOGY
Golden Valley Educational Trust
Oorgaum Post,Kolar Gold Fields

Govt. Polytechnic (GPT) KGF (Non-Dr.TTIT) students ,enrolled for Cisco CCNA Module -1 in CISCO Networking Academy.

Sl.No.	USN	Name	Branch	Sem
MONDAY TO FRIDAY		BATCH-I	TIME:9.30PM4.30PM	
1	DIPLOMA	ASHWINI N	CSE	5 SEM
2	DIPLOMA	NANDINI N	CSE	5 SEM
3	DIPLOMA	SHASHIKALA C	CSE	5 SEM
4	DIPLOMA	RAMYA SR	CSE	5 SEM
5	DIPLOMA	NISCHITHA NS	CSE	5 SEM
6	DIPLOMA	AMRUTHA S	CSE	5 SEM
7	DIPLOMA	MONISHA B	CSE	5 SEM
8	DIPLOMA	BHARATHI MK	CSE	5 SEM
9	DIPLOMA	VARSHA V	CSE	5 SEM
10	DIPLOMA	VIJAY P	CSE	5 SEM
11	DIPLOMA	SHREYASH C	CSE	5 SEM
12	DIPLOMA	SAMIULLA	CSE	5 SEM
13	DIPLOMA	JEEVAN KUMAR R	CSE	5 SEM
14	DIPLOMA	PRAVEEN V	CSE	5 SEM
15	DIPLOMA	PUNITH KM	CSE	5 SEM

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16	DIPLOMA	SHASHIDHARA KM	CSE	5 SEM
17	DIPLOMA	ANIL KUMAR MC	CSE	5 SEM
18	DIPLOMA	ROHITH R	CSE	5 SEM
19	DIPLOMA	NITHISH M	CSE	5 SEM
20	DIPLOMA	BHANUPRASAD REDDY	CSE	3 SEM
21	DIPLOMA	LIKITH S	CSE	5 SEM
22	DIPLOMA	SRINESH S	CSE	5 SEM
23	DIPLOMA	YUVARAJ S	CSE	5 SEM
24	DIPLOMA	NITHESH KUMAR Y	CSE	5 SEM
25	DIPLOMA	SURAJ KUMAR SR	CSE	5 SEM
26	DIPLOMA	SUJITH KUMAR RS	CSE	5 SEM
27	DIPLOMA	PRABHU VIGNESHWAR	CSE	5 SEM

INSTRUCTOR:

MR. NAGARAJ S

VICE PRINCIPAL
VICE PRINCIPAL
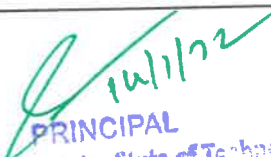Dr T.Thimmaiah Institute of Technology
Oorgaum, K.G.F -563 120.

Principal
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Dr.T THIMMAIAH INSTITUTE OF TECHNOLOGY, KGF
CISCO MODULE 1 - SYLLABUS

Sl.NO	MODULES	TOPICS	OBJECTIVES
1	Modules(1 - 3): Basic Network Connectivity and Communications	Topic Title	Topic Objective
		Networks Affect our Lives	Explain how networks affect our daily lives.
		Network Components	Explain how host and network devices are used.
		Network Representations and Topologies	Explain network representations and how they are used in network topologies.
		Common Types of Networks	Compare the characteristics of common types of networks.
		Internet Connections	Explain how LANs and WANs interconnect to the internet.
		Reliable Networks	Describe the four basic requirements of a reliable network.
		Network Trends	Explain how trends such as BYOD, online collaboration, video, and cloud computing are changing the way we interact.
		Network Security	Identify some basic security threats and solution for all networks.
		The IT Professional	Explain employment opportunities in the networking field.
2	Modules 4 - 7: Ethernet Concepts	Topic Title	Topic Objective
		Purpose of the Physical Layer	Describe the purpose and functions of the physical layer in the network.
		Physical Layer Characteristics	Describe characteristics of the physical layer.
		Copper Cabling	Identify the basic characteristics of copper cabling.
		UTP Cabling	Explain how UTP cable is used in Ethernet networks.
		Fiber-Optic Cabling	Describe fiber optic cabling and its main advantages over other media.
		Wireless Media	Connect devices using wired and wireless media.
3	Modules 8 - 10: Communicating Between Networks	Topic Title	Topic Objective
		Network Layer Characteristics	Explain how the network layer uses IP protocols for reliable communications.
		IPv4 Packet	Explain the role of the major header fields in the IPv4 packet.
		IPv6 Packet	Explain the role of the major header fields in the IPv6 packet.
		How a Host Routes	Explain how network devices use routing tables to direct packets to a destination network.
		Router Routing Tables	Explain the function of fields in the routing table of a router.
4	Modules 11 - 13: IP Addressing	Topic Title	Topic Objective
		IPv4 Address Structure	Describe the structure of an IPv4 address including the network portion, the host portion, and the subnet mask.
		IPv4 Unicast, Broadcast, and Multicast	Compare the characteristics and uses of the unicast, broadcast and multicast IPv4 addresses.
		Types of IPv4 Addresses	Explain public, private, and reserved IPv4 addresses.
		Network Segmentation	Explain how subnetting segments a network to enable better communication.
		Subnet an IPv4 Network	Calculate IPv4 subnets for a /24 prefix.
		Subnet a /16 and a /8 Prefix	Calculate IPv4 subnets for a /16 and /8 prefix.
		Subnet To Meet Requirements	Given a set of requirements for subnetting, implement an IPv4 addressing scheme.
		Variable Length Subnet Masking	Explain how to create a flexible addressing scheme using variable length subnet masking (VLSM).
		Structured Design	Implement a VLSM addressing scheme.
5	Modules 14 - 15: Network Application Communications	Topic Title	Topic Objective
		Transportation of Data	Explain the purpose of the transport layer in managing the transportation of data in end-to-end communication.
		TCP Overview	Explain characteristics of TCP.
		UDP Overview	Explain characteristics of UDP.
		Port Numbers	Explain how TCP and UDP use port numbers.
		TCP Communication Process	Explain how TCP session establishment and termination processes facilitate reliable communication.
		Reliability and Flow Control	Explain how TCP protocol data units are transmitted and acknowledged to guarantee delivery.
		UDP Communication	Compare the operations of transport layer protocols in supporting end-to-end communication.
6	Modules 16 - 17: Building and Securing a Small Network	Topic Title	Topic Objective
		Security Threats and Vulnerabilities	Explain why basic security measure are necessary on network devices.
		Network Attacks	Identify security vulnerabilities.
		Network Attack Mitigation	Identify general mitigation techniques.
		Device Security	Configure network devices with device hardening features to mitigate security threats.
7	Practice Exams		
8	Course Feedback		
9	Final Exam		
	Course Instructors:		
	1. SHASHIKIRAN S		
	2. SRINIVAS BABU N		

14/1/22

PRINCIPAL
Dr.T . Thimmaiah Institute of Technology
Oorgaum, K. G. F- 563120

ATTENDENCE   TIME 2.00PM-4.30PM

Sl No	USN	Name	Branch	Sem	Date	Signature	Date	Signature	Date	Signature	Date	Signature	Date	Signature	Date	Signature
1	Diploma	ASHWINI N	CSE	5 sem	5/12/19	Ashwini.N	9/12/19	Ashwini.N	16/12/19	Ashwini.N	11/12/19	Ashwini.N	11/12/19	Ashwini.N	12/12/19	Ashwini.N
2	Diploma	NANDINI N	CSE	5 sem	5/12/19	Nandini	9/12/19	Ndg	10/12/19	Nani	11/12/19	Nand	11/2/19	Nani	12/12/19	Nani
3	Diploma	SHASHIKALA C	CSE	5 sem	5/12/19	Shashi	9/12/19	Shashi	10/12/19	Shashi	11/12/19	Shashi		Shashi	10/12/19	Shashi
4	Diploma	RAMYA SR	CSE	5 sem	5/12/19	Ramya	9/12/19	Ramya	10/12/19	Ramya	11/12/19	Ramya	11/12/19	Ramya	12/12/19	Ramya
5	Diploma	NISCHITHA NS	CSE	5 sem	5/12/19	Nischitha	9/12/19	Nischitha	10/12/19	Nischitha	11/12/19	Nischitha	11/12/19	Nischitha	12/12/19	Nischitha
6	Diploma	AMRUTHA S	CSE	5 sem				AB	AB	AB				AB		AB
7	Diploma	MONISHA B	CSE	5 sem	5/12/19	monisha.B	9/12/19	monisha	10/12/19	monisha	11/12/19	monisha.B	11/12/19	monisha.B	12/12/19	monisha.B
8	Diploma	BHARATHI MK	CSE	5 sem	5/12/19	Bharathi	9/12/19	Btti	10/12/19	Btti mk	11/12/19	Btti	11/12/19	Btti	12/12/19	Btti
	Diploma	VARSHA V	CSE	5 sem	5/12/19	Varsha V	9/12/19	Varsha	10/12/19	Varsha	11/12/19	Varsha		AB	AB	12/12/19	Varsha
	Diploma	VIJAY P	CSE	5 sem	5/12/19	vijay	9/12/19	vijay	10/12/19	vijay	11/12/19	vijay	11/12/19	vijay	12/12/19	vijay.P
	Diploma	SHREYASH C	CSE	5 sem	5/12/19	shreyash	9/12/19	shreyash	10/12/19	shreyash	11/12/19	shreyash	12/12/19	shreyash	12/12/19	shreyash
	Diploma	SAMIULLA	CSE	5 sem	5/12/19	Samiulla	9/12/19	Samiulla	10/12/19	Samiulla	11/12/19	Samiulla		Samiulla	9/12/19	Samiulla
	Diploma	JEEVAN KUMAR R	CSE	5 sem	6/12/19	jeevan	9/12/19	jeevan kumar	10/12/19	Kumar	11/12/19	Jeevan		Jeevan		Jeevan
	Diploma	PRAVEEN V	CSE	5 sem	6/12/19	Pra	9/12/19	Pra	10/12/19	Pra	11/12/19	Pra	11/12/19	Pra	12/12/19	Pra
	Diploma	PUNITH KM	CSE	5 sem	5/12/19	Punith	9/12/19	Punith	10/12/19	Punith	11/12/19	Punith	11/12/19	Punith	12/12/19	Punith
	Diploma	SHASHIDHARA KM	CSE	5 sem	5/12/19	Shashi			10/12/19	Shashi	11/12/19	Shashi	11/12/19	Shashi	12/12/19	Shashi
	Diploma	ANIL KUMAR MC	CSE	5 sem	5/12/19	Anil	9/12/19	Anil	10/12/19	Anil	11/12/19	Anil	11/12/19	Anil	12/12/19	Anil
	Diploma	ROHITH R	CSE	5 sem	5/12/19	R	9/12/19	R	10/12/19	R	11/12/19	R		R	12/12/19	R
	Diploma	NITHISH M	CSE	5 sem	5/12/19	Nithish		AB	AB		10/12/19	Nithish	11/12/19	Nithish	12/12/19	Nithish
	Diploma	BHANUPRASAD REDDY	CSE	5 sem	5/12/19	Bhanu	9/12/19	Bhanu	10/12/19	Bhanu	11/12/19	Bhanu		Bhanu	12/12/19	Bhanu
	Diploma	LIKITH S	CSE	5 sem	5/12/19	S.Likith	9/12/19	S.Likith	10/12/19	S.Likith	11/12/19	Likith		Likith		Likith
	Diploma	SRINESH S	CSE	5 sem	5/12/19	Sri	9/12/19	Sri	10/12/19	Kala	11/12/19	Sri		Sri		Sri
	Diploma	YUVARAJ S	CSE	5 sem	5/12/19	Quraj's	9/12/19	Quraj's	10/12/19	Quraj's	11/12/19	Quraj		Quraj		Quraj
	Diploma	NITHESH KUMAR Y	CSE	5 sem	5/12/19	Nithish	9/12/19	Nithish	10/12/19	Nithish	11/12/19	Nithish		AB		AB
	Diploma	SURAJ KUMAR SR	CSE	5 sem	5/12/19	suraj	11/12/19	suraj	10/12/19	Suraj	11/12/19	Suraj		AB		AB

		Name	Branch	Sem	Date	Signature	Date	Signature	Date	Signature	Date	Signature	Date	Signature	Date	Signature
26	Diploma	SUJITH KUMAR RS	CSE	sem	5/12/19		9/12/19		12/14		11/12/19			AB	12/12/19	
27	Diploma	PRABHU VIGNESHWAR	CSE	5 sem	5/12/19		9/12/19		10/12/19		11/12/14		11/12/19		12/12/19	
28																	
29																	
30																	
31																	
32																	
33																	
34																	

INSTRUCTOR 12/12/19

PRINCIPAL

Dr. T.THIMMAIAH INSTITUTE OF TECHNOLOGY
Golden Valley Educational Trust
Oorgaum Post, Kolar Gold Fields

Govt. Polytechnic (GPT) KGF (Non-Dr.TTIT) students, enrolled for Cisco CCNA Module -1 in CISCO Networking Academy.
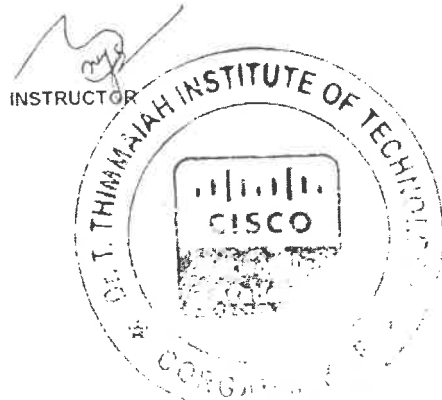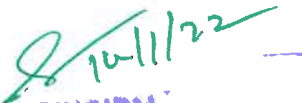Duration: Dec 5th 2019 – Jan 5th 2019
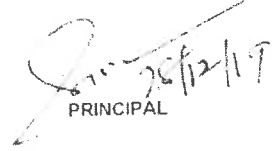
TIME: 9.40PM–4:30PM

ATTENDENCE

SLNo.	USN	Name	Branch	Sem	Date	Signature	Date	Signature	Date	Signature	Date	Signature	Date	Signature	Date	Signature
1	Diploma	ASHWINI N	CSE	5 sem	13/12/19		16/12/19		17/12/19		19/12/19		19/12/19		20/12/19	
2	Diploma	NANDINI N	CSE	5 sem	13/12/19	Nand	16/12/19	Nand	17/12/19	Nand	19/12/19		19/12/19		20/12/19	
3	Diploma	SHASHIKALA C	CSE	5 sem	13/12/19	Shashi	16/12/19	Shash	17/12/19		19/12/19	Shash	19/12/19		20/12/19	Shy
4	Diploma	RAMYA SR	CSE	5 sem	13/12/19	Ramya	16/12/19	Ramya	17/12/19		19/12/19		19/12/19		20/12/19	
5	Diploma	NISCHITHA NS	CSE	5 sem	13/12/19	Nisch	16/12/19	Nisch	17/12/19	Ni	19/12/19		19/12/19		20/12/19	
6	Diploma	AMRUTHA S	CSE	5 sem		AB		AB		AB		AB		AB		
7	Diploma	MONISHA B	CSE	5 sem	13/12/19	monish	16/12/19	monish	17/12/19	monisha	19/12/19	monish	19/12/19	Monisha B	20/12/19	Monisha
8	Diploma	BHARATHI MK	CSE	5 sem	13/12/19	Bth	16/12/19	Bth	17/12/19	Bth	19/12	Bi	19/12/19	Brth	20/12/19	Bi
9	Diploma	VARSHA V	CSE	5 sem	13/12/19	Vasha	16/12/19	Vash	16/12/19	Vash	19/12/19	Vash	19/12/19	Vash	20/12/19	Vash
10	Diploma	VIJAY P	CSE	5 sem	13/12/19	vijay P	16/12/19	vijay	17/12/19		19/12/19	Vijay Rahul			20/12/19	vijay P
11	Diploma	SHREYASH C	CSE	5 sem	13/12/19	Shreyash	16/12/19	shreyash	16/12/19	Shreyash	19/12/19				20/12/19	
12	Diploma	SAMIULLA	CSE	5 sem	13/12/19	Sam	16/12/19	Sam	16/12/19	Sam	19/12/19				20/12/19	
13	Diploma	JEEVAN KUMAR R	CSE	5 sem	16/12/19		16/12/19			AB		19/12/19				20/12/19	
14	Diploma	PRAVEEN V	CSE	5 sem	13/12/19	Pra	16/12/19		17/12/19	Prv	19/12/19				20/12/19	
15	Diploma	PUNITH KM	CSE	5 sem		AB	16/12/19	Punith	18/12/19	Punith	19/12/19	Punith	19/12/19		20/12/19	Punith
16	Diploma	SHASHIDHARA KM	CSE	5 sem	13/12/19		16/12/19		17/12/19	Shashi	19/12/19		19/12/19	Shashi	20/12/19	
17	Diploma	ANIL KUMAR MC	CSE	5 sem	13/12/19	Anil	16/12/19	Anil	17/12/19	A	19/12/19		19/12/19		20/12/19	Anil
18	Diploma	ROHITH R	CSE	5 sem	13/12/19	Roth	16/12/19	Ro	17/12/19	Rth	19/12/19	Rohith	19/12/19		20/12/19	
19	Diploma	NITHISH M	CSE	5 sem		AB			17/12/19	Nith	19/12/19		19/12/19		20/12/19	Nith
20	Diploma	BHANUPRASAD REDDY	CSE	5 sem	13/12/19		16/12/19		17/12/19		19/12/19				20/12/19	
21	Diploma	LIKITH S	CSE	5 sem		AB		AB	18/12/19	Likith	19/12/19	Likith	19/12/19	Likith	20/12/19	Likith
22	Diploma	SRINESH S	CSE	5 sem	19/12/19	Srl	18/12/19	Srl	18/12/19	Srl	17/12/19		19/12/19		20/12/19	
23	Diploma	YUVARAJ S	CSE	5 sem		AB	18/12/19	Yuvaraj	16/12/19	Yuvaraj	19/12/19	YUVARAJ	19/12/19		20/12/19	Yuvaraj
24	Diploma	NITHESH KUMAR Y	CSE	5 sem	13/12/19	Nithesh	16/12/19	Nithesh	16/12/19	Nithesh					20/12/19	
25	Diploma	SURAJ KUMAR SR	CSE	5 sem		Suraj	16/12/19	Suraj	18/12/19	Suraj	1/12/19	Suraj				

USN	Name	Branch	Sem	Date	Signature	Date	Signature	Date	Signature	Date	Signature	Date	Signature	Date	Signature
Diploma	SUJITH KUMAR RS	CSE	sem	13/2/19		16/12/19				19/12					
Diploma	PRABHU VIGNESHWAR	CSE	5 sem	12/12/19		10/12/19				19/12/19				20/12/19	
28															
29															
30															
31															
32															
33															
34															

INSTRUCTOR

10-11/22

PRINCIPAL
Dr. T. Thimmaiah Institute of Technology
Oorgaum, K. G. F- 563120

26/12/19
PRINCIPAL

PRINCIPAL
Dr. T. Thimmaiah Institute of Technology
Oorgaum, K. G. F- 563120

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Golden Valley Educational Trust

Oorgaum Post, Kolar Gold Fields

Govt. Polytechnic (GPT) KGF (Non-Dr.TTIT) students enrolled for Cisco CCNA Module -1 in CISCO Networking Academy.

Duration: Dec 5th 2019 –Jan 5th 2019   Dec -2019.   TIME:9.40PM-4:30PM

ATTENDENCE

Sl.No.	USN	Name	Branch	Sem	Date	Signature	Date	Signature	Date	Signature	Date	Signature	Date	Signature	Date	Signature
1	Diploma	ASHWINI N	CSE	5 sem	23/12/19		27/12/19		24/12/19		27/12/19					
2	Diploma	NANDINI N	CSE	5 sem	23/12/19				24/12/19		27/12/19					
3	Diploma	SHASHIKALA C	CSE	5 sem	23/12/19				24/12/19		27/12/19					
4	Diploma	RAMYA SR	CSE	5 sem	23/12/19				24/12/19		27/12/19					
5	Diploma	NISCHITHA NS	CSE	5 sem	27/12/19		23/12/19		24/12/19		27/12/19					
6	Diploma	AMRUTHA S	CSE	5 sem		(AB)		(AB)		(AB)		(AB)				
7	Diploma	MONISHA B	CSE	5 sem	23/12/19	monisha	23/12/19	monisha	24/12/19	monisha						
8	Diploma	BHARATHI MK	CSE	5 sem	23/12		23/12		24/12/19							
9	Diploma	VARSHA V	CSE	5 sem	23/12/19	Varsha	23/12/19	varsha	24/12/19	varsha	27/12/19	varsha				
10	Diploma	VIJAY P	CSE	5 sem	23/12/19		23/12/19		24/12/19		27/12/19					
11	Diploma	SHREYASH C	CSE	5 sem	23/12/19		23/12/19		24/12/19		27/12/19					
12	Diploma	SAMIULLA	CSE	5 sem	23/12/19		23/12/19		24/12/19		27/12/19					
13	Diploma	JEEVAN KUMAR R	CSE	5 sem	23/12/19		23/12/19		24/12/19		27/12/19					
14	Diploma	PRAVEEN V	CSE	5 sem	27/12/19		23/12/19		24/12/19		27/12/19					
15	Diploma	PUNITH KM	CSE	5 sem	23/12/19	Punith	23/12/19		24/12/19		27/12/19					
16	Diploma	SHASHIDHARA KM	CSE	5 sem	23/12/19		23/12/19		24/12/19		27/12/19					
17	Diploma	ANIL KUMAR MC	CSE	5 sem	23/12/19		23/12/19		24/12/19		27/12/19					
18	Diploma	ROHITH R	CSE	5 sem	23/12/19		23/12/19		24/12/19		27/12/19					
19	Diploma	NITHISH M	CSE	5 sem	23/12/19		23/12/19		24/12/19		27/12/19					
20	Diploma	BHANUPRASAD REDDY	CSE	5 sem	23/12/19		23/12/19		24/12/19		27/12/19					
21	Diploma	LIKITH S	CSE	5 sem	23/12/19	Likith	23/12/19	Likith	24/12/19		27/12/19					
22	Diploma	SRINESH S	CSE	5 sem	23/12/19		23/12/19		24/12/19		27/12/19					
23	Diploma	YUVARAJ S	CSE	5 sem	23/12/19		23/12/19		24/12/19		27/12/19					
24	Diploma	NITHESH KUMAR Y	CSE	5 sem			23/12/19									
25	Diploma	SURAJ KUMAR SR	CSE	5 sem	23/12/19		23/12/19		24/12/19							

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USN	Name	Branch	Sem	Date	Signature	Date	Signature	Date	Signature	Date	Signature	Date	Signature	Date	Signature
Diploma	SUJITH KUMAR RS	CSE	sem	23/12		23/12/19		24/12/19		27/12/19					
Diploma	PRABHU VIGNESHWAR	CSE	5 sem	25/12/19		23/12/19		24/12/19		— (AB) —					
28															
29															
30															
31															
32															
33															
34															