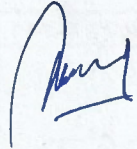

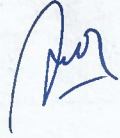


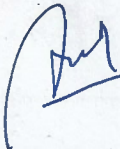
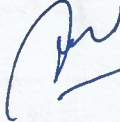
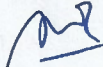


7. **KEGIATAN PEMBELAJARAN**
SEMESTER GANJIL TAHUN AKADEMIK 2020 / 2021








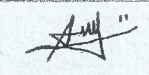
Dosen		: ARachman Soleman. Ir. MT. : Annas Muzakki Syarif, ST., MT.	Hari : Kamis	
Mata Kuliah		: Jaringan Telekomunikasi	J a m : 15.00 - 17.00	
Kelas		: H	Ruang :	
No.	Hari /Tgl	MATERI KULIAH	JAM	PARAF DOSEN
1	KAMIS 17 SEP20	1 Introduction to Telecommunications. 1.1 Telecommunication Networks 2 1.2 Numbering Plans 9 1.3 Digit Analysis and Routing 13 1.4 Analog Transmission 17 1.5 Digital Transmission 23 1.6 Special Transmission Equipment 28	15.00 s/d 16.40	
2	KAMIS 24 SEP 20	2 Introduction to Signaling . 2.1 Overview 43 2.2 Standards for Signaling Systems 49 2.3 Acronyms 51 2.4 References 52	15.00 s/d 16.40	
3	KAMIS 1 OKT 2020	3 Subscriber Signaling . 3.1 Basic Subscriber Signaling 55 3.2 Signaling Components in Telephones 57 3.3 Signaling Equipment at the Local Exchange 60 3.4 Tones, Announcements, and Ringing 64 3.5 Subscriber Signaling for Supplementary Services 67	15.00 s/d 16.40	
4	KAMIS 8 OKT 20	4 Channel-Associated Interexchange Signaling 75 4.1 Introduction 75 4.2 Bell System Multifrequency Signaling 80 4.3 Signaling System No. 5 90 4.4 MFC-R2 Signaling 91 4.5 Acronyms 107 4.6 References	15.00 s/d 16.40	
5	KAMIS 15 OKT 20	5 Introduction to Common-Channel Signaling 111 5.1 Signaling Networks 112 5.2 Signaling Links and Signal Units 119 5.3 Acronyms 125 5.4 References	15.00 s/d 16.40	
6	KAMIS 22 OKT 20	6 Signaling in Access Networks 129 6.1 Overview of Signaling for Access Systems 129 6.2 The GR-303 Standard 131 6.3 The V5 Standards 139 6.4 The V5.1 Standard 140 6.5 The V5.2 Standard 147 6.6 Acronyms 153	15.00 s/d 16.40	
7	KAMIS 29 OKT 20	7 Introduction to Signaling System No. 7 157 7.1 SS7 Structure 158 7.2 Identification of Signaling Points and Trunks 160 7.3 SS7 Signal Units and Primitives 162 7.4 Acronyms 165 7.5 References 166	15.00 s/d 16.40	
8	KAMIS 5 NOV 20	UJIAN TENGAH SEMESTER	15.00 s/d 16.40	

Signaling in Telecommunication Networks. Second Edition
 John G. van Bosse.
 Fabrizio U. Devetak



WILEY-INTERSCIENCE
 A JOHN WILEY & SONS, INC., PUBLICATION

7. **KEGIATAN PEMBELAJARAN**
SEMESTER GANJIL TAHUN AKADEMIK 2020 / 2021

Dosen		: ARachman Soleman, Ir. MT. : Annas Muzakki Syarif, ST., MT.	Hari : Kamis	
Mata Kuliah		: Jaringan Telekomunikasi	Jam : 15.00 - 17.00	
Kelas		: H	Ruang :	
No.	Hari /Tgl	MATERI KULIAH	JAM	PARAF DOSEN
9	KAMIS 12 NOV 20	8 SS7 Message Transfer Part 167 8.1 Introduction to MTP 167 8.2 MTP Level 1 169 8.3 Overview of MTP Level 2 170 8.4 Basic Error Correction 175 8.5 Preventive Cyclic Retransmission 178 8.6 Signaling Link Management 180	15.00 s/d 17.20	
10	KAMIS 18 NOV 20	9 Telephone User Part 201 9.1 Messages and Primitives 202 9.2 Call-Control Messages and Signals 203 9.3 Basic Signaling Sequences 211 9.4 TUP Support of Additional Services 217 9.5 Other TUP Procedures, Messages, and Signals 221 9.6 Versions of TUP Signaling 225	15.00 s/d 17.20	
11	KAMIS 26 NOV 21	10 Digital Subscriber Signaling System No. 1 231 10.1 Introduction to ISDN and DSS1 231 10.2 Data Link Layer (LAPD) 237 10.3 Q.931 Call-Control Messages 247 10.4 Introduction to Call-Control Signaling 260	15.00 s/d 17.20	
12	KAMIS 3 DES 20	11 ISDN User Part 277 11.1 Introduction 277 11.2 ISUP Messages, Formats, and Parameters 279 11.3 Signaling for Calls Between ISDN Users 296 11.4 Calls Involving Analog Subscribers 301	15.00 s/d 17.20	
13	KAMIS 10 DES 20	12 Signaling in Cellular Mobile Telecommunications 327 12.1 Introduction to Cellular Mobile Networks 327 12.2 AMPS Tone Signals and Message Words 336 12.3 Introduction to AMPS Signaling 338	15.00 s/d 17.20	
14	KAMIS 17 DES 20	13 Air Interface Signaling in CDMA Networks 389 13.1 Introduction 389 13.2 IS-95 Air Interface 398 13.3 cdma2000 Air Interface 409 13.4 UTRAN Air Interface 436 13.5 Acronyms 452	15.00 s/d 17.20	
15	KAMIS 24 DES 20	14 Introduction to Transactions 459 14.1 Definitions and Applications 459 14.2 SS7 Architecture for Transactions 460 15 Signaling Connection Control Part 465 15.1 Introduction 465 15.2 SCCP Messages and Parameters 468 15.3 Connectionless SCCP 476	15.00 s/d 17.20	
16	KAMIS 28 JAN 21	UJIAN AKHIR SEMESTER	19.00 s/d 20.40	

Ket : Kuliah dimulai dari SEPTEMBER s/d 27 FEBRUARI 2021



Jakarta, September 2020

Kaprodi Teknik Elektro S1. FTI. ISTN.


 Ir. HARLAN EFENDI, MT

DAFTAR NILAI

SEMESTER GANJIL REGULER TAHUN 2020/2021

Program Studi : Teknik Elektro S1
 Matakuliah : Jaringan Telekomunikasi
 Kelas / Peserta : H
 Perkuliahan : Kampus ISTN Durentiga
 Dosen : H. Rachman Soleman, Ir. MT.

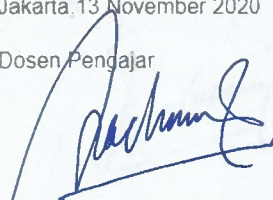
Hal. 1/1

No	NIM	N A M A	ABSEN	TUGAS	UTS	UAS	MODEL	PRESENTASI	NA	HURUF
			0%	0%	0%	100%	0%	0%		
1	18223702	Faris Fawzan Azim	100	0	80	0	0	0	0	

Rekapitulasi Nilai							
A	0	B+	0	C+	0	D+	0
A-	0	B	0	C	0	D	0
		B-	0	C-	0	E	0

Jakarta, 13 November 2020

Dosen Pengajar



DAFTAR NILAI

SEMESTER GANJIL REGULER TAHUN 2020/2021

Program Studi : Teknik Elektro S1
 Matakuliah : Jaringan Telekomunikasi
 Kelas / Peserta : H
 Perkuliahan : Kampus ISTN Durentiga
 Dosen : H. Rachman Soleman, Ir. MT.

Hal. 1/1

No	NIM	NAMA	ABSEN	TUGAS	UTS	UAS	MODEL	PRESENTASI	NA	HURUF
			0%	40%	30%	30%	0%	0%		
1	18223702	Faris Fawzan Azim	100	80	80	85	0	0	81.5	A

Rekapitulasi Nilai

A	1	B+	0	C+	0	D+	0
A-	0	B	0	C	0	D	0
		B-	0	C-	0	E	0

Jakarta, 11 February 2021

Dosen Pengajar

