



















Berita Acara Perkuliahan
(Presentasi Kehadiran Dosen)
SEMESTER GANJIL TAHUN AKADEMIK 2021/2022
PROGRAM STUDI TEKNIK ELEKTRO S1 FTI - ISTN

Nama Dosen		: 1. Ir Abdul Muis, MT. 2. Moh. Ikrar Yamin, ST. MTrT.			Hari		: Senin
Mata Kuliah		: Sistem Kendali Optimasi			Jam		: 13.00-15.30
Kelas & SKS		: A & 3 sks			Ruang		: OnLine
No.	Hari / Tanggal	Materi Pembelajaran	Metode Belajar	Jml Mhs	Paraf Dosen		
1.	Senin / 27-09-2021	Pendahuluan: Introduction to Control Modern, A Breif History Of Automatic Control, the Philosophi of modern control,	Google Meet	3			
2.	Senin / 04-10-2021	Pendahuluan: Reviewe of linier state variabel system, Continuous Time Sysytem, Frequensi Domain Solution, Natural Modes And Stability, Computer Simulation of Continuous Systems,	elearning istn dan Google Meet	2			
3.	Senin / 11-10-2021	Lanjut Linier State Variabel Systems: Disctare Time Systems, Systems Properties, Observability, Realization And Canonical Form, State Space Tranfurm, Rank k Eigen vector and Jordan Form,	elearning istn dan Google Meet	2			
4.	Senin / 18-10-2021	Lanjutan Discrete Time Systems: Tranfer Function, Minimal State Space Realisation, FeedBack Control,	elearning istn dan Google Meet	2			
5.	Senin/ 25-10-2021	Implementasim of Digital Control, Diogital Controll by Direct Discrete Time Design,	elearning istn dan Google Meet	2			
6.	Rabu 01-11-2021	Frequensi Domain Techniques: Rebut Design	elearning istn dan Google Meet	1			
7.	Senin / 08-11-2021	Review dan Diskusi Tugas 1 sampai dengan Tugas 5	elearning istn dan Google Meet	2			
8.	Senin / 15-11-2021	UJIAN TENGAH SEMESTER (UTS) SEMESTER GASAL 2020/2021	elearning istn dan Google Meet	2			



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No.	Hari /Tanggal	Materi Pembelajaran	Metode Belajar	Jml Mhs	Paraf Dosen		
9	Senin / 22-11-2021	Digital Control by Continous Controller Redesign, Implementation Of Digital Controll,	elearning istn dan Google Meet	2			
10	Senin / 06-12-2021	Digital Controll By Direck Discrete design,	elearning istn dan Google Meet	2			
11	Senin / 13-12-2021	Robast Design:	elearning istn dan Google Meet	2			
12	Senin / 20-12-2021	Observer, Vilter, and Dynamic Regulator,	elearning istn dan Google Meet	2			
13	Senin / 27-12-2021	Multi Variabel Dynamic Compensator Design,	elearning istn dan Google Meet	2			
14	Senin / 04- 01-2022	Linier Quadratic Gaussian	elearning istn dan Google Meet	2			
15	Senin / 10-01-2022	Review dan Diskusi	elearning istn dan Google Meet	2			
16	Senin /17 -01- 2022	UJIAN AKHIR SEMESTER GASAL 2021	elearning istn dan Google Meet	2			

Jakarta, 24 Januari 2022



DAFTAR NILAI

SEMESTER GANJIL REGULER TAHUN 2021/2022

Program Studi : Teknik Elektro S1
Matakuliah : Sistem Kendali Optimal
Kelas / Peserta : A
Perkuliahan : Kampus ISTN Bumi Srengseng Indah
Dosen : Abdul Muis, Ir.MT
Moh. Ikrar Yamin, ST.MTrT

Hal. 1/1

No	NIM	N A M A	ABSEN	TUGAS	UTS	UAS	MODEL	PRESENTASI	NA	HURUF
			10%	20%	30%	40%	0%	0%		
1	17220001	Sultan Arfan Dzunnurain	81	77	80	80	0	0	79.5	A-
2	18220002	Wisnu Pratama	81	77	80	80	0	0	79.5	A-
3	18220011	Jubblainer Freddy Damanik	81	77	80	80	0	0	79.5	A-

Rekapitulasi Nilai							
A	0	B+	0	C+	0	D+	0
A-	3	B	0	C	0	D	0
		B-	0	C-	0	E	0

Jakarta, 12 February 2022

Dosen Pengajar 1



Abdul Muis, Ir.MT

Dosen Pengajar 2



Moh. Ikrar Yamin, ST.MTrT