



















**Berita Acara Perkuliahan**  
**(Presentasi Kehadiran Dosen)**  
**SEMESTER GANJIL TAHUN AKADEMIK 2020/2021**  
**PROGRAM STUDI TEKNIK ELEKTRO S1 FTI - ISTN**

Nama Dosen		: 1.....ABDUL MUIS..... 2.....M.Ikrar.....		Hari	Senin	
Mata Kuliah		Sistem Koontrol Optimal		Jam	13-15.20	
Kelas		A		Ruang	:	
No.	Hari /Tanggal	Materi Pembelajaran	Metode Belajar	Jml Mhs	Paraf Dosen	
1.	Senin, 09/03/2020	Introduction To Optimal Control (Moderent Control) Theory.	ONLINE	6	 A.Muis	
2.	Senin, 16/03/2020	Optimal Control of Continuous Time systems. 1. General Continuous Tim	ONLINE	6	 A.Muis	
3.	Senin, 23/03/2020	Continuous time Linier Quadratic Regulator. - Open loop control. ; Cl;os	ONLINE	6	 A.Muis	
4.	Senin, 30/03/2020	Steady State dan Sub optimal Control. - Steady Control. - Sub Optimal	Online	6	 A.Muis	
5.	Senin, 06/04/2020	Waktu Minimum dan Constrained Input Design : Non Linier waktu min	ONLINE	6	 A.Muis	
6.	Senin, 13/04/2020	Output feedback Design: - Linier Quadratic regulator with Output Feed	ONLINE	6	 A.Muis	
7.	Senin, 20/04/2020	Traking dan input referensi. - Kompensator of known structure. - Linier	ONLINRE	6	 A.Muis	
8.	Ujian Tengah Semester		ONLINE	6	 A.Muis	



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Nama Dosen		: 1.....ABDUL MUIS..... 2.....M.IKRAR.....		Hari	SENIN
Mata Kuliah		SIST KONTROL OPTIMAL		Jam	: 13-15.20
Kelas				Ruang	
No.	Hari /Tanggal	Materi Pembelajaran	Metode Belajar	Jml Mhs	Paraf Dosen
9	Senin, 07/12/2020	Output Feed back Design Linier Quadratic : - Linier Quadratic regulator	ONLINE	6	 M. Ikrar
10	Senin, 14/12/2020	- Compensator of known structure.- Linier Quadratic servo design usir	ONLINE	6	 M. Ikrar
11	Senin, 21/12/2020	sign: - Deviasi sistems.- regulator re design dgn penambahan bagian Fe	ONLINE	6	 M. Ikrar
12	Senin, 28/12/2020	mand generator Tracker: - Tracking.- Tracking with disturbance reject	ONLINE	6	 M. Ikrar
13	Senin, 05/01/2021	Explicit Model Following design	ONLINE	6	 M. Ikrar
14	Senin, 12/01/2021	ous Redesign. - Simulasi digital control. - Discretion dr controller conti	ONLINE	6	 M. Ikrar
15	Senin, 19/01/2021	Review mulai awal pertemuan ke 9 sd pertemuan tgl 22/06/2020	ONLINE	6	 M. Ikrar
16	Senin Tgl, 26/01/2021	Ujian Akhir Semester	Online	6	 M. Ikrar

Jakarta, Jakarta, 18-Des  
Kaprod Teknik Elektro S1 FTI ISTN  
  
Ir. H. Harian Effendi, MT



## DAFTAR NILAI

### SEMESTER GANJIL REGULER TAHUN 2020/2021

Program Studi : Teknik Elektro S1

Matakuliah : Sistem Kendali Optimal

Kelas / Peserta : A

Perkuliahan : Kampus ISTN Bumi Srengseng Indah

Dosen : Abdul Muis, Ir.MT  
M. 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	16220038	Alwi Hamzah	88	70	69	70	0	0	71.5	B
2	17220003	Hanny Hijrah Faizah	69	69	70	70	0	0	69.7	B
3	17220005	Fachrul Rizal Nugraha	94	69	70	70	0	0	72.2	B+
4	17220008	Khansa Hanifah	88	69	70	70	0	0	71.6	B

Rekapitulasi Nilai			
A	0	B+	1
C+	0	D+	0
A-	0	B	3
C	0	D	0
B-	0	C-	0
E	0		

Jakarta, 4 February 2021

Dosen Pengajar

  
Abdul Muis, Ir.MT