



**BERITA ACARA PERKULIAHAN**  
(PRESENTASI KEHADIRAN DOSEN)  
SEMESTER GENAP TAHUN AKADEMIK 2021/2022  
PROGRAM STUDI TEKNIK ELEKTRO S.1 & D.III -ISTN


Mata Kuliah	: <b>PENGGUNAAN MESIN LISTRIK</b>	Semester	: 7
Dosen	: Dr. Ir. H. Abdul Multi, M.T	SKS	: 2
Hari	: Senin	Kelas	: A
Jam	: 13:00-14:40	Ruang	:







No.	HARI/TANGGAL	MATERI KULIAH	JML MHS HADIR	TANDA TANGAN DOSEN
1.	Senin 20/09/2021	<ul style="list-style-type: none"><li>- INTRODUCTION/PREFACE</li><li>- Lecture material</li><li>- References/books</li></ul>	2	
2.	Senin 27/09/2021	<b>JENIS-JENIS MESIN LISTRIK</b> Mesin Listrik Statis dan Mesin Listrik Dinamis	2	
3.	Senin 04/10/2021	<b>Rangkaian Ekuivalen Motor DC :</b> <ul style="list-style-type: none"><li>- Separately Excited (Berpengaturan Terpisah)</li><li>- Shunt</li><li>- Compound</li></ul>	2	
4.	Senin 11/10/2021	<b>THE WARD LEONARD SYSTEM AND SOLID STATE SPEED CONTROLLERS</b> THE WARD LEONARD SYSTEM <ul style="list-style-type: none"><li>- Rangkaian</li><li>- Keuntungan dan Kerugian</li><li>- 4 Kuadran</li><li>- Pengganti System Ward Leonard</li></ul>	2	
5.	Senin 18/10/2021	<b>Starter Motor DC</b> <ul style="list-style-type: none"><li>- Fungsi Peralatan Proteksi dan Peralatan Control</li><li>- Masalah Motor DC Saat Starting</li><li>- Solusinya</li></ul>	2	
6.	Senin 25/10/2021	<b>Example of DC Motor Starter</b> a. Menghitung : - Jumlah Resistor Starting, - Besar Nilai Setiap Resistor, - Waktu Pengeluaran b. Menggambarkan Rangkaian Starting	2	
7.	Senin 01/11/2021	<b>DC Motor Starting Circuit</b>	2	



8.	Senin 08/11/2021	<b>UJIAN TENGAH SEMESTER (UTS)</b>	2	
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DOSEN PENGAJAR

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	Mata Kuliah : <b>PENGGUNAAN MESIN LISTRIK</b> Dosen : Dr. Ir. H. Abdul Multi, M.T Hari : Senin Jam : 13:00-14:40	Semester : 7 SKS : 2 Kelas : A Ruang :	

No.	TANGGAL	MATERI KULIAH	JML MHS HADIR	TANDA TANGAN DOSEN
9.	Senin 15/11/2021	<ul style="list-style-type: none"> <li>- Basic Principle of Motor Induction Operation</li> <li>- IM Starter For Cage &amp; Wound Rotor</li> </ul>	2	
10.	Senin 22/11/2021	<ul style="list-style-type: none"> <li>- Speed Control &amp; Name Plate</li> </ul>	2	
11.	Senin 29/11/2021	<ul style="list-style-type: none"> <li>- Example Speed Control &amp; Name Plate</li> </ul>	2	
12.	Senin 06/12/2021	<ul style="list-style-type: none"> <li>- Reversing The Direction of Rotation</li> </ul>	2	
13.	Senin 13/12/2021	<ul style="list-style-type: none"> <li>- Basic Principle of Motor Synchronous Operation</li> </ul>	2	
14.	Senin 20/12/2021	<ul style="list-style-type: none"> <li>- The Effect of Load Changes on Synchronous Motor</li> </ul>	2	

15.	Senin 27/12/2021	<ul style="list-style-type: none"><li>- The Effect of Field Current Changes</li><li>- The Synchronous Motor &amp; PF Correction</li></ul>	2	
16.	Senin 10/01/2022	<b>UJIAN AKHIR SEMESTER (UAS)</b>		

DOSEN PENGAJAR

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