

# TEKNIK TEGANGAN TINGGI

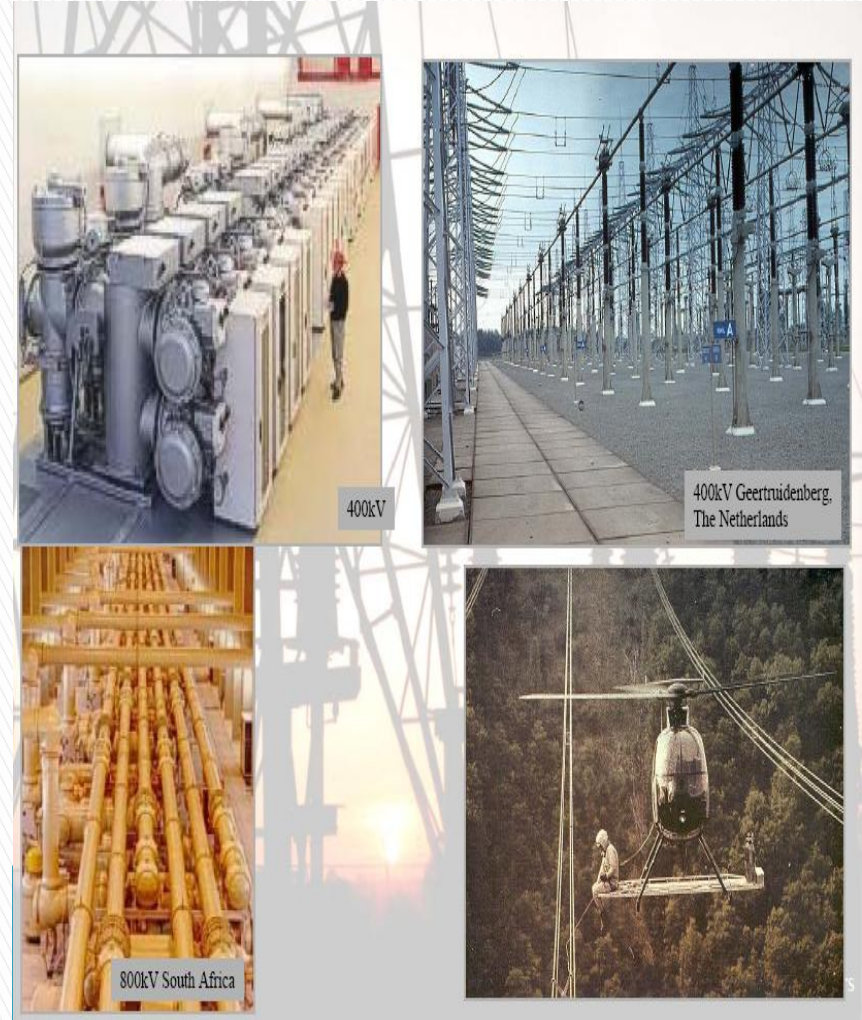
Prof. Dr.Bachtiar Hasan, MSIE  
Hasbullah, S.Pd., M.T : 2009  
Electrical Engineering Dept.,  
Electrical Power System  
Email

[hasbullahmsee@yahoo.com](mailto:hasbullahmsee@yahoo.com)

[has\\_basri@telkom.net](mailto:has_basri@telkom.net)

- ▶ Phone (mobile):
- ▶ 081383893175, 91802190

High voltage engineering



# Program Perkuliahan

NO	TOPIK	TGL
1	Introduction HVE	11/02/09
2	Dasar Teknik Tegangan Tinggi	18/02/09
3	Peralatan–Peralatan Tegangan Tinggi	25/02/09
4	Pembangkitan dan Pengujian Teg. Tinggi	04/02/09
5	Gejala–gejala pada Tegangan Tinggi	11/03/09
6	Sistem Proteksi pada Tegangan Tinggi	18/03/09
7	Pembangkitan Tegangan Tinggi DC/AC	25/03/09

# Program Perkuliahan

NO	TOPIK	TGL
9	Koordinasi Isolasi	08/04/09
10	Sistem Grounding pada Teg. Tinggi	15/04/09
11	Isolasi & Breakdown pada Teg.Tinggi	22/04/09
12	Radiasi Medan Magnet dan Medan Listrik pada SUTET	29/04/09
13	Presentasi I	06/05/09
14	Presentasi II	13/05/09
15	Presentasi III	20/05/09

# PENILAIAN/ EVALUASI

- ▶ KEHADIRAN + AKTIF (A)
  - ▶ TUGAS TERSTRUKTUR & KUIS (B)
  - ▶ PRESENTASI/ PAPER (C)
  - ▶ UTS (D)
  - ▶ UAS (E)
- 
- ▶  **$NA = (A)+(B) + 2(C) + 2(D) + 2(E)/8$**

# REFERENSI

- ▶ Arismunandar, 1996, *Teknik Tegangan Tinggi*, Pradnya Paramita, Jakarta
- ▶ Dieter Kind, 1998, *Pengantar Teknik Eksperimental Tegangan Tinggi*, ITB
- ▶ Kuffel & Zaengl , 1988, *High Voltage Engineering*, Pergamon Press Inc, New York
- ▶ Kind, 1979, *An Introduction to High Voltage Experimental Technique*, Wiley Eastern Limited, New Delhi
- ▶ Schwab, 1981, *High Voltage Measurement Technique*, M.I.T Press Cambridge

# REFERENSI

- ▶ E. Kuffel, W.S. Zaengl, J. Kuffel: “*High Voltage Engineering: Fundamentals*”, second edition, Butterworth–Heinemann, 2000.
  - ▶ L.L. Alston: “*High-Voltage Technology*”, Oxford University Press, 1968.
- 