



Satuan Acara Pengajaran

ENET802006 - Disain Antena Modern

Pengajar

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Minggu 1

Materi Introduction; Review Maxwell 's Equations.; Maxwell's eq. in differential form and the wave equation; Maxwell eq. in integral form and the boundary condition.

Media Power point

Referensi

Aktivitas

Minggu 2

Materi Vector potential and solutions of wave equations.; Ideal dipole and antenna parameters.

Media ppt

Referensi

Aktivitas

Minggu 3

Materi Antenna array analysis: linear, planar and circular.

Media ppt

Referensi

Aktivitas

Minggu 4

Materi Aperture antenna: Field equivalent principle, radiation equation, rectangular aperture, and circular aperture.

Media

Referensi

Aktivitas

Minggu 5

Materi Aperture antenna: design consideration, babinet principle, fourier transform and GTD.

Media ppt

Referensi

Aktivitas

Minggu 6

Materi Microstrip antenna: basic properties, design consideration, influence of edge, widebanding, circular polarization.

Media ppt

Referensi

Aktivitas

Minggu 7

Materi Microstrip antenna.

Media ppt

Referensi

Aktivitas

Minggu 8

Materi Mid term exam.

Media

Referensi

Aktivitas

Minggu 9

Materi Microstrip antenna - continued.

Media

Referensi

Aktivitas

Minggu 10

Materi Antenna array - analysis.

Media ppt

Referensi

Aktivitas

Minggu 11

Materi Antenna array - synthesis.

Media ppt

Referensi

Aktivitas

Minggu 12

Materi Computational electromagnetics; Method of moment.

Media

Referensi

Aktivitas

Minggu 13

Materi Computational electromagnetics - High Frequency Technique

Media ppt

Referensi

Aktivitas

Minggu 14

Materi Computational electromagnetics - FDTD

Media

Referensi

Aktivitas

Minggu 15

Materi Presentation

Media

Referensi

Aktivitas

Minggu 16

Materi Final Exam.

Media

Referensi

Aktivitas
