

Jadwal Sesi Perkuliahan – Kelas IPD 2021

Jurusan/Program Studi : Pendidikan Teknik Informatika
 Mata Kuliah : Pengolahan Citra Digital
 Kode : TIK19504
 Semester : 5 / Ganjil
 SKS : 3 SKS
 Prasyarat : Struktur Data
 Dosen Pengampu : Made Windu Antara Kesiman, S.T., M.Sc., Ph.D
 Dr. I Made Gede Sunarya, S.Kom., M.Cs
 I Made Dendi Maysanjaya, S.Pd., M.Eng

Pertemuan	Judul Materi	Fitur e-learning	Project Assignment
I. 25 Agustus 2021 (9.30 – 12.00 WIB)	Citra Natural dan Warna	- Forum	-
II. 2 September 2021 (9.30 – 12.00 WIB)	Citra Digital, Sampling, dan Quantization	- Quiz	-
III. 8 September 2021 (9.30 – 12.00 WIB)	Tutorial : GUI untuk Project	- Assignment	- Interface dasar Mini Image Editor - Fitur Image Property
IV. 15 September 2021 (9.30 – 12.00 WIB)	Pointwise Operation – Operasi Aritmetika (Brightness, Negative, Blending, Logaritmik, Power Law)	- Assignment	Fitur Operasi Aritmetika
V. 22 September 2021 (9.30 – 12.00 WIB)	Pointwise Operation – Operasi Geometri Bagian 1 (Rotation dan Flipping)	- Assignment	Fitur Operasi Geometri Bagian 1
VI. 29 September 2021 (9.30 – 12.00 WIB)	Pointwise Operation – Operasi Geometri Bagian 2 (Resampling dan Scaling)	- Assignment	Fitur Operasi Geometri Bagian 2
VII. 6 Oktober 2021 (9.30 – 12.00 WIB)	UJIAN TENGAH SEMESTER	-	-
VIII. 13 Oktober 2021 (9.30 – 12.00 WIB)	Neighborhood Operation : Filtering Bagian 1 (Statistical Filtering : Median, Mean)	- Assignment	Fitur Filtering Bagian 1
IX. 20 Oktober 2021 (9.30 – 12.00 WIB)	Neighborhood Operation : Filtering Bagian 2 (Linear Filtering - Konvolusi)	- Assignment	Fitur Filtering Bagian 1
X. 27 Oktober 2021 (9.30 – 12.00 WIB)	Low and High Pass Filter Bagian 1 (Edge Detector)	- Assignment	Fitur Low and High Pass Filter Bagian 1
XI. 3 November 2021 (9.30 – 12.00 WIB)	Low and High Pass Filter Bagian 2 (Gaussian, Smoothing, Blurring)	- Assignment	Fitur Low and High Pass Filter Bagian 2
XII. 12 November 2021	Operasi Morfologi Bagian 1 (Erosi, Dilasi)	- Assignment	Fitur Morfologi Bagian 1

(9.30 – 12.00 WIB)			
XIII. 17 November 2021 (9.30 – 12.00 WIB)	Operasi Morfologi Bagian 2 (Opening, Closing, dst)	- Assignment	Fitur Morfologi Bagian 2
XIV. 24 November 2021 (9.30 – 12.00 WIB)	Color Spaces	- Assignment	Fitur Color Spaces
XV. 1 Desember 2021 (9.30 – 12.00 WIB)	Color Segmentation	-	-
XVI. 8 Desember 2021 (9.30 – 12.00 WIB)	UJIAN AKHIR SEMESTER	-	Final Project Evaluation