

BERITA ACARA PERKULIAHAN

Universitas Kristen Krida Wacana Jakarta

FR-UKW-3.1/R2

Periode : Genap 2022/2023	Hari : Rabu
Program Studi : Informatika	Jam : 10:45 - 13:15
NID - Nama Dosen : 1503 - Fredicia	Kelas : 6PITA (K)
KMK - Mata Kuliah : IFOPP017 - PENGOLAHAN CITRA	Ruang : E307
(3 sks)	

Tatap Muka Ke	Hari / Tanggal	Waktu	Pokok Bahasan	Materi	Jml Mhs Hadir	Ruangan	Pengajar	Tanda Tangan
1	Rabu, 15 Mar 2023	10:45 - 13:15	Kuliah Umum: Tren Kecerdasan Buatan di berbagai bidang Oleh : Dr. Eng. Lina Septiana, S.T., M.Sc.	Bagaimana akademisi dan mahasiswa dalam mempersiapkan dalam menghadapi tren kecerdasan buatan	(16/41)	E307	Fredicia	
2	Rabu, 29 Mar 2023	10:45 - 13:15	INTRODUCTION TO IMAGE PROCESSING	images, Pixels, Image Resolution, PPI and DPI, Bitmap Images, Lossless and Lossy compression, Different Image File Formats, Different Types of Color Spaces, Advanced Image Concepts	(15/41)	E307	Fredicia	
3	Rabu, 05 Apr 2023	10:45 - 13:15	SIMPLE IMAGE PROCESSING TOOLS	Image Processing, Using Matlab, Using Python, Using Octave	(17/41)	E307	Fredicia	
4	Rabu, 12 Apr 2023	10:45 - 13:15	IMAGE PROCESSING TOOLS (FILTERING 1)	SPATIAL FILTER, PADDING OPTIONS, MEAN FILTER, MEDIAN FILTER, MAX AND MIN FILTERI.	(15/41)	E307	Fredicia	
5	Rabu, 03 May 2023	10:45 - 13:15	IMAGE PROCESSING - FILTERING #2	EDGE DETECTION, SOBEL, PREWITT, CANNY, LAPLACIAN, LAPLACIAN OF GAUSSIAN, FRANGI	(16/41)	E307	Fredicia	
6	Rabu, 10 May 2023	10:45 - 13:15	AFFINE TRANSFORMATION	TRANSLASI, ROTASI, SKALA, INTERPOLASI	(14/41)	E307	Fredicia	
7	Jumat, 12 May 2023	10:45 - 13:15	IMAGE ENHANCEMENT	Pixel Transformation, mage Inverse, Power Law Transformation, Log Transformation, Histogram Equalization, Contrast Limited Adaptive Histogram, Contrast Stretching, Sigmoid Correction, Local Contrast	(11/40)	E307	Fredicia	
8	Rabu, 17 May 2023	10:30 - 12:30	UTS	UTS	(19/41)	E307	Fredicia	
9	Rabu, 31 May 2023	10:45 - 13:15	FOURIER TRANSFORM	Fourier Transform, Ideal (Lowpass Highpass) Filter, Butterworth (Lowpass Highpass) Filter, Gaussian (Lowpass Highpass) Filter, Bandpass Filter	(15/41)	E307	Fredicia	
10	Rabu, 07 Jun 2023	10:45 - 13:15	Segmentation	Otsu, Renyi, Adaptive, Watershed, Chan Vese	(19/40)	E307	Fredicia	

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11	Rabu, 14 Jun 2023	10:45 - 13:15	Morphological Operation	Dilation, Erosion, Opening and Closing, Hit or Miss, Grey image in Morphological Operation	(16/40)	E307	Fredicia	
12	Rabu, 21 Jun 2023	10:45 - 13:15	IMAGE MEASUREMENT	HOUGH TRANSFORM, TEMPLATE MATCHING, CORNER DETECTION	(14/40)	E307	Fredicia	
13	Rabu, 28 Jun 2023	10:45 - 13:15	NEURAL NETWORK DAN CNN	NEURAL NETWORK DAN CNN, NEURAL NETWORK DAN CNN DALM IMAGE PROCESSING.	(18/40)	E307	Fredicia	
14	Rabu, 05 Jul 2023	10:45 - 13:15	MACHINE LEARNING IN IMAGE PROCESSING	SUPERVISED VS UNSUPERVISED, K-MEANS CLUSTERING WITH COLOR QUANTIZATION, SPECTRAL CLUSTERING, SVM FOR CLASSIFICATION	(17/40)	E307	Fredicia	
15	Rabu, 12 Jul 2023	10:45 - 13:15	MACHINE LEARNING WITH SVM	SVM DAN HARRIS DETECTOR	(12/40)	E307	Fredicia	
16	Rabu, 26 Jul 2023	10:30 - 12:30	UAS	UAS	(13/41)	E307	Fredicia	

*) Dokumen BAP di isi oleh dosen yang bersangkutan dengan melakukan login menggunakan ID. dan di anggap sah tanpa tanda tangan dosen terkait.

Mengetahui,
Kepala Unit Administrasi Akademik,



(Selamet)

Jakarta Barat, 21 Agustus 2023
Ketua Program Studi,

(Gisela Nina Sevani)