

APRIL

19

Saturday

CSE 4118

DIGITAL IMAGE PROCESSING

3.8.2020

30	31					
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
S	M	T	W	T	F	S

9 TAUGHT BY

10 • prof. ravi kiran S.

COURSE TOPICS

1. introduction & fundamentals of digital imaging.
2. image enhancement in the spatial domain.
(intensity transforms, histogram processing, spatial filtering, etc.)
3. image enhancement by transformation to a different space (fourier transform, wavelet transform, etc.)
4. geometric image processing (transforming spatial geometry of images)

20 5. color image processing

Sunday

6. morphological image processing (extracting and analyzing structural properties of images).
7. image segmentation
8. feature-based representation and description.
9. image restoration and reconstruction.

	5	6	7	1	2	3	4
	12	13	14	8	9	10	11
	19	20	21	15	16	17	18
	26	27	28	22	23	24	25
MAY 2014	M	T	W	T	F	S	S

3.8.2020

2 APRIL

Monday

WK 17 • 111-254

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10. image compression

11. introduction to video processing & motion estimation.

TEXTBOOKS

12. digital image processing; gonzalez & woods.