

# DIGITAL IMAGE PROCESSING



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## Digital Image Processing

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<b>ISBN 13 :</b>	978-93-80016-15-3
<b>ISBN 10 :</b>	93-80016-15-8
<b>E-ISBN 13 :</b>	978-93-80016-15-3
<b>Edition :</b>	1
<b>Pages :</b>	408
<b>Type of book :</b>	Paperback
<b>Weight (g) :</b>	620.00
<b>Year :</b>	2024
<b>Language :</b>	English
<b>Publisher :</b>	Khanna Publishing House
<b>M.R.P :</b>	Rs 450.00
<b>Categories :</b>	<a href="#">Computer Science Engineering</a> , <a href="#">Computer Science Engineering</a>
<b>Condition Type :</b>	New
<b>Country Origin :</b>	India

## Product Description

There are many books available in the market on the proposed topic but none of them can be termed as comprehensive, Besides, students face problem in understanding the language of the books, seeing these problems, it struck our mind that we should come up with a book in A Classroom approach of Digital Image processing, which should be simple enough to comprehend and comprehensive enough to encompass all the topics of different institutions and Universities.

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**Chapter 1:** Introduction to Image Processing. **Chapter 2:** Image Enhancement in Spatial Domain. **Chapter 3:** Image Enhancement in Frequency Domain. **Chapter 4:** Image Restoration. **Chapter 5:** Color Image Processing. **Chapter 6:** Morphological Image Processing. **Chapter 7:** Registration. **Chapter 8:** Image Segmentation. **Chapter 9:** Feature Extraction. **Chapter 10:** Object Recognition. **Chapter 11:** Image Coding and Compression. **Chapter 12:** Introduction to Matlab.

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## Author

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**Munesh Chandra Trivedi** "Prof. Munesh C. Trivedi has completed his graduation & post graduation in Computer Science and Ph. D. degree in Computer Science. He started his teaching career in engineering education from IEC College of Engineering & Technology, Greater Noida, India. He also served Krishna Institute of Engineering & Technology, Ghaziabad and I.I.T Kanpur as a Project Associate. Presently he is working in Institute of Management Studies, Ghaziabad, India since sept. 2007. He has rich experience in teaching the undergraduate and postgraduate classes. He has published 16 text books and he has been declared Author of Year 2008 as per Books Today survey. He has published more than 25 journal and conference papers in the area of Fractals, image processing, e-learning. He has delivered numerous invited and plenary conference presentations and seminars through Country and chaired the technical sessions in International and national conferences in India. He has delivered many invited talks in India. He is on the review panel of International Journal of Network Security and Computer & Education (Elsevier's Journal). He has been the member of board of studies of different Indian universities and member of organizing committee for various national and international seminars/workshops. He is member of CSI, IAE, and life member of ISTE."

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