



# PANIMALAR ENGINEERING COLLEGE

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Bangalore Trunk Road, Varadharajapuram, Poonamallee, Chennai- 600 123

## DEPARTMENT OF COMPUTER SCIENCE AND BUSINESS SYSTEMS

### BOOK CHAPTERS

AY 2025-26

S. NO	AUTHOR NAME	ALL AUTHORS NAME (AS MENTIONED IN THE ARTICLE)	TITLE OF THE CHAPTER	EDITED BOOK NAME	ISBN NUMBER	VOLUME, ISSUE, PAGE NUMBERS, PUBLISHED MONTH & YEAR	INDEXINGS COPUS/WOS	HTTP LINK
1.	K.BHAVANI	M. Anita, N. Subhash Chandra , K. Bhavani , P. Aparna , T. Thilagam , and V. Nivas kumar	Machine Learning for a Smarter Food Industry: Trends, Challenges, and Innovations	AI Innovations for Improving the Food Industry	979-836939884-5	December 2025	Scopus	<a href="https://www.irma-international.org/chapter/machine-learning-for-a-smarter-food-industry/391396/">https://www.irma-international.org/chapter/machine-learning-for-a-smarter-food-industry/391396/</a>
2.	Dr J Seetha	R. Ganesh Babu, J. Seetha, Patil Mounica, T. Prabhakara Rao & Subhash Bondhala	Integrating Biodiversity and Ecosystem Services: Pathways to Sustainable Management	Smart Forestry 5.0 for Powered AI Sustainable Environment and Climate	978-3-031-99085-4	02 January 2026	Scopus	<a href="https://link.springer.com/chapter/10.1007/978-3-031-99086-1_7">https://link.springer.com/chapter/10.1007/978-3-031-99086-1_7</a>



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3	<b>T. Vignesh</b>	K.K. Thyagarajan, G. Kalaiarasi, S.D. Lalitha, <b>T. Vignesh</b> , T. Nivedha, Nellore Adi Narayana	Advancing animal recognition through transfer learning: A novel approach to robust detection and classification	Advances in Electrical and Computer Technologies	9781003515470	July 2025 & Pg No:794	Scopus	<a href="https://www.taylorfrancis.com/books/edit/10.1201/9781003515470/advances-electrical-computer-technologies-thangaprakash-sengodan-sanjay-misra-murugappan?refId=4c5375e9-8a42-4c00-a3e6-6672780736fe&amp;context=ubx">https://www.taylorfrancis.com/books/edit/10.1201/9781003515470/advances-electrical-computer-technologies-thangaprakash-sengodan-sanjay-misra-murugappan?refId=4c5375e9-8a42-4c00-a3e6-6672780736fe&amp;context=ubx</a>