



RAJEEV GANDHI MEMORIAL
COLLEGE OF ENGINEERING & TECHNOLOGY
(AUTONOMOUS)



DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

List of Books/Book Chapters for the A.Y 2025-26

1. **Dr. M. Ayyavaraiah**, has published a book entitled “Mastering Machine Learning: Tools, Techniques, and Applications”, by VAAGA Publications August 2025, ISBN: 978-8-19-865617-9.
2. **Dr. M. Ayyavaraiah**, published a Book, “Cloud Computing: Concepts, Models, and Fundamentals”, Book Bytes International, India, March 2026, ISBN: 978-81-69063-69-2
3. Ms. V. Sahiti Yellanki Dr. **N. Ramanjaneya Reddy** Prof. Ashwini Sampath Ms. Supriya Dubey published a text book on “Cybersecurity and Threat Analysis” with ISBN-13: 978-93-7196-593-4. Available online :
<https://sipinternationalpublishers.com/product-detail.php?PID=NDQzOA==> Publication date: February 2026.
4. Dr. K Rajendra Prasad, **Dr. K Narasimhulu**, S. Harini Yadavis, Dr. Pole Anjaiah) are published a book on “Data Science Foundations with Python: A Beginner’s Guide”, by Chendur Publications, ISBN 978-81-986979-0-5, 2025.
5. **Dr N Madhusudhana Reddy**, Dr. Saritha Anchuri, Dr. B. Ramakantha Reddy, Dr. Rajesh Kumar Maurya published a book on “Data Warehousing and Data Mining”, by B R Publications, ISBN 978-93-47231-06-3, on December 2025.
6. **Dr. N. Ramanjaneya Reddy**, et al, published a book chapter on “AI, IoT, and Cognitive Computing for Mental Health Enhancement and Object Detection”, from a book combining visual intelligence and federated learning in smart healthcare, IGI Global Scientific Publishing with ISBN13: 9798369360941. DOI: 10.4018/979-8-3693-6094-1.
7. **Dr. K. Narasimhulu**, M. Sruthi, P. Rajesh Reddy, C. Navaneeth Kumar, S. Nithin Kumar, Published Book Chapter “A comparative analysis of supervised machine learning algorithms for heart attack prediction”, Advancing Innovation through AI and Machine Learning Algorithms, eBook Published 10 October 2025, Taylor& Francis Group.DOI: <https://doi.org/10.1201/9781003684589>
8. **Dr. P Prathap Nayudu** has published a book chapter on "Performance comparison of machine learning algorithms in



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- predicting telecom customer attrition ", Advancing Innovation through AI and Machine Learning Algorithms, edited by Yedukondalu-Bolisetty, Routledge, 2025, PP: 30–36. ISBN: 9781041164272.
9. **Dr. P Prathap Nayudu** has published a book chapter on "Graphical representation of accuracy comparison among various machine learning algorithms to predict customer churn ", Advancing Innovation through AI and Machine Learning Algorithms, edited by Yedukondalu-Bolisetty, Routledge, 2025, PP: 37–42. ISBN: 9781041164272.
 10. **K R Harinath** has published a book chapter of " End-to-end AI framework for soil fertility, crop growth and disease mitigation ", Advancing Innovation through AI and Machine Learning Algorithms, edited by Yedukondalu-Bolisetty, Routledge, 2025, PP: 1–8. ISBN: 9781041164272.
 11. **K R Harinath** has published a book chapter of "Highly accurate calories burn prediction using XGBoost regression model ", Advancing Innovation through AI and Machine Learning Algorithms, edited by Yedukondalu-Bolisetty, Routledge, 2025, PP: 9–14. ISBN: 9781041164272.
 12. **B. Swetha** has published a book chapter on "Enhancing autonomous safety ", Advancing Innovation through AI and Machine Learning Algorithms, edited by Yedukondalu-Bolisetty, Routledge, 2025, PP: 57-61. ISBN: 9781041164272.
 13. **B. Swetha** has published a book chapter on "Enhancing visual quality of images and videos with improved CNN and OpenCV ", Advancing Innovation through AI and Machine Learning Algorithms, edited by Yedukondalu-Bolisetty, Routledge, 2025, PP: 57-61. ISBN: 9781041164272. (Book Chapter).
 14. **Dr. M. Sravan Kumar Reddy**, published a book chapter on, "Secure Motion Detection and Object Tracking in Encrypted Surveillance Footage", in Advances in Computer Science (Volume - 28), by AkiNik Publications, having ISBN 978-93-7150-531-4.
 15. **Alabazar Ramesh** has published a book chapter on “Advancing Innovation through AI and Machine Learning Algorithms” AI powered facial recognition for secure banking authentication edited by Alabazar Ramesh, Karanam Jyothirmayi, Kollu Vishnuvardhan,



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- Dayyala Ajay Kiran and Ediga Sheshadri 2025, PP 24-27. ISBN: 978-1-04-116427-2 , DOI: <https://doi.org/10.1201/9781003684589>.
16. **Janardhan Komarolu** has published a book chapter on "PhishGuard – fake website detection using machine learning", Advancing Innovation through AI and Machine Learning Algorithms, edited by Yedukondalu-Bolisetty, Routledge, 2025, PP: 43–48. ISBN: 9781041164272.
 17. **Viswanath . K** has published a book chapter on "Prediction of chronic kidney disease using machine learning, "Advancing Innovation through AI and Machine Learning Algorithms, edited by Yedukondalu-Bolisetty, Routledge, 2025, PP: 49–56. ISBN: 9781041164272
 18. **G Rajasekhar Reddy** has published a book chapter on " Voice enabled desk assistant for the visually impaired " , Advancing Innovation through AI and Machine Learning Algorithms , edited by Dr. Udara Yedukondalu, Dr. V Vijayasri Bolisetty M.E., Ph.D, 2025, PP: 150–155. ISBN: 9781003684589 (ebk), DOI: 10.1201/9781003684589.
 19. **V. Ravi Kanth** has published a book chapter on "Real time Driver drowsiness detection and alert system using DLib and OpenCV", Advancing Innovation through AI and Machine Learning Algorithms, edited by Yedukondalu-Bolisetty, Routledge, 2025, PP: 368–372. ISBN: 9781041164272.
 20. **Rameswara Reddy Boddu**, M Ravi Kumar, Keta Hemasri Accepted book Chapteron "Predictive Intelligence from Handwriting Kinematics for Early Detection of Neurocognitive Disorders" in STAI 2026 (<https://stai2026.estindiafoundation.org/>) - ACM Fremont Chapter USA, on April 04-05, 2026, Proceedings in SBS Book Series
 21. **S. Tahseen Banu**, K. Jayasri, P. Namratha, V. Shobitha and MV. Rathnamma Accepted a book chapter titled "Metaverse Based Virtual Classroom for Higher Education" in book titled "Advanced Research in Computer Science (Volume - 3)".
 22. K. Jaya sri, M. Prashanthi, **S.Tahseen Banu** and B.Swarajya Lakshmi Accepted a book chapter titled "Artificial Intelligence in Education: Opportunities and Challenges" in edited book titled "Advanced Research in Computer Science (Volume - 3)".



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23. Dr G Sunil Vijaya Kumar has published a book chapter on “ Privacy-Preserving multi factor authentication via cancellable fingerprint biometrics. published in August/ October 2025, 1st Edition, CRC Press, Boca Raton, DoI : <https://doi.org/10.1201/9781003685364>, ISBN :9781003685364
24. Dr. Sunil Vijaya Kumar Gaddam, Panyam Ram Mohan, “The Identification and Prevention of Privilege Escalation Attacks in the Cloud through the Utilisation of Machine Learning” (Chapter 28) in the proceedings of the Proceedings of the eBook Proceedings of Sixth International Conference on Advances in Computer Engineering and Communication Systems ICACECS 2025, Volume 2.(<https://link.springer.com/book/9783032221179>). Publisher: Springer Nature Link.