



**HOLY CROSS COLLEGE (AUTONOMOUS)**  
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**BOOK PUBLICATIONS - 2025 - 2026**

S. NO.	Books
1.	Ramya, P. (2025, November). <i>Next generation AI: Next gen concepts and emerging applications</i> . Lambert Academic Publishing.
2.	Kavipriya, A. (2025, November). <i>Blockchain-enabled federated learning for privacy and security</i> . Lambert Academic Publishing.

**BOOK CHAPTERS - 2025 - 2026**

<i>In: Next-Gen AI and Emerging Technologies for Sustainable Development (Vol. 2)</i>	
S. NO.	Book Chapters
1.	Rajakumari, S. E. J. (2026, January). EDGOVA: A supervised deep learning model for predicting mental health. In <i>Next-gen AI and emerging technologies for sustainable development (Vol. 2)</i> . Holy Cross Publishing House.
2.	Ramya, P. (2026, January). Exploring the role of responsible and generative AI in education and climate resilience across the global south. In <i>Next-gen AI and emerging technologies for sustainable development (Vol. 2)</i> . Holy Cross Publishing House.
3.	Kavipriya, A. (2026, January). A survey on application of AI in healthcare and agriculture. In <i>Next-gen AI and emerging technologies for sustainable development (Vol. 2)</i> . Holy Cross Publishing House.
4.	Kavipriya, A. (2026, January). A study on responsible AI on robotics: Ethical framework for human-centered AI. In <i>Next-gen AI and emerging technologies for sustainable development (Vol. 2)</i> . Holy Cross Publishing House.
5.	Kavipriya, A. (2026, January). EduEdge: An offline edge-AI powered adaptive English learning system for low connectivity communities. In <i>Next-gen AI and emerging technologies for sustainable development (Vol. 2)</i> . Holy Cross Publishing House.
6.	Kavipriya, A. (2026, January). A study on responsible AI: Towards fairness, transparency and trust. In <i>Next-gen AI and emerging technologies for sustainable development (Vol. 2)</i> . Holy Cross Publishing House.

7.	Kavipriya, A. (2026, January). A study on generative AI: ChatGPT and Gemini. In <i>Next-gen AI and emerging technologies for sustainable development</i> (Vol. 2). Holy Cross Publishing House.
8.	Kavipriya, A. (2026, January). Ethical challenges and responsible AI: Ensuring fairness, transparency, accountability in artificial intelligence. In <i>Next-gen AI and emerging technologies for sustainable development</i> (Vol. 2). Holy Cross Publishing House.
9.	Sangeetha, G. (2026, January). Smart crop disease identification system using deep learning and Tamil voice support. In <i>Next-gen AI and emerging technologies for sustainable development</i> (Vol. 2). Holy Cross Publishing House.
10.	Sangeetha, G. (2026, January). Universal fake news analyzer using generative AI techniques. In <i>Next-gen AI and emerging technologies for sustainable development</i> (Vol. 2). Holy Cross Publishing House.