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Autore Prasad Prajish

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Altri autori (Persone) ThirunarayanKrishnaprasad

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Sommario/riassunto	This book constitutes the refereed proceedings of the 18th Annual ACM India Compute Conference on COMPUTE 2025, held in Ropar, India, during December 7–9, 2025. The 12 full papers and 5 short papers included in this book were carefully reviewed and selected from 79 submissions. They were organized in topical sections as follows: AI and Responsible Computing in Education; Pedagogical Innovations and Interdisciplinary Approaches; Accessibility, Inclusion, and Equity in CS Education; and Tools and Interventions for Core Computing Concepts.