

# Contents

Abhijit Sarkar, Mayank Bansal, Duvutu Lea and Deepa Bura

**1 Virtual reality — 1**

Yash Verma

**2 Video surveillance framework using virtual reality interface — 15**

Gulpreet Kaur Chadha, Ritu Punhani and Sonia Saini

**3 Merging of artificial intelligence (AI), artificial life (AL) and virtual reality (VR) — 27**

Saksham Goyal

**4 Pain relief management — 45**

Saksham Goyal

**5 Intelligent shopping malls — 57**

Sunishtha S. Yadav, Vandana Chauhan, Nishi Arora, Vijeta Singh and Jayant Verma

**6 Challenges and the future of artificial intelligence in virtual reality in healthcare — 71**

Urvashi

**7 Virtual trial room — 87**

Shubham Sharma and Naincy Chamoli

**8 Merging of artificial intelligence (AI) with virtual reality (VR) in healthcare — 103**

**Brief biography — 129**

**Index — 131**