

**LIST OF FIGURES**

<b>Sl No</b>	<b>Figure Number</b>	<b>Description</b>	<b>Page Number</b>
<b>1</b>	<b>1.1</b>	<b>Different minutiae for different impressions of the same finger</b>	<b>2</b>
<b>2</b>	<b>4.1</b>	<b>The Overall Structure Of The Liveness Detection Technique</b>	<b>7</b>
<b>3</b>	<b>4.2</b>	<b>Illustration of a chain of operations performed by a single layer convolutional network in a sample image</b>	<b>9</b>
<b>4</b>	<b>4.3</b>	<b>Pictorial representation of max pooling and average pooling</b>	<b>11</b>
<b>5</b>	<b>4.4</b>	<b>The notional diagram of the fingerprint enhancement algorithm</b>	<b>12</b>
<b>6</b>	<b>4.5</b>	<b>Ridges and valleys on a fingerprint image</b>	<b>13</b>
<b>7</b>	<b>4.6</b>	<b>A fingerprint image and its foreground and background regions</b>	<b>13</b>
<b>8</b>	<b>4.7</b>	<b>The orientation of a ridge pixel in a fingerprint</b>	<b>14</b>
<b>9</b>	<b>5.1</b>	<b>Comparison Chart</b>	<b>17</b>