

## LIST OF PICTURE

<b>Picture 2.1</b> MISHRA and KOEHLER's TPACK Scheme .....	19
<b>Picture 2.2</b> Law of Light Reflection .....	27
<b>Picture 2.3</b> Types of Light Reflection .....	27
<b>Picture 2.4</b> Shadow formation on a flat mirror .....	28
<b>Picture 2.5</b> Special Rays in a Concave Mirror .....	28
<b>Picture 2.6</b> Refraction of Light .....	30
<b>Picture 2.7</b> Special Rays on a Convex Lens.....	31
<b>Picture 2.8</b> Shadow Formation on a Convex Lens.....	31
<b>Picture 2.9</b> Special Rays on a Concave Lens .....	32
<b>Picture 2.10</b> Shadow Formation on a Concave Lens .....	32
<b>Picture 2.11</b> Refraction on parallel plan glass.....	32
<b>Picture 2.12</b> Refraction in a prism .....	33
<b>Picture 2.13</b> Light Deviation .....	34
<b>Picture 2.14</b> Thomas Young or Fresnell Experiment.....	36
<b>Picture 2.15</b> Interference Thin membrane.....	38
<b>Picture 2.16</b> Newton's ring .....	39
<b>Picture 2.17</b> Diffraction at a Single Slit .....	40
<b>Picture 2.18</b> Diffraction on a Lattice.....	41
<b>Picture 2.19</b> Polarisation of Light Due to Reflection.....	42
<b>Picture 2.20</b> Polarisation of Light Due to Refraction.....	43
<b>Picture 2.21</b> Polarisation of light due to double refraction .....	44
<b>Picture 3.1</b> Validator Assessment Results .....	56
<b>Picture 3.2</b> Results of Validator Assessment of Teaching Modules .....	59
<b>Picture 3.3</b> Use of EBI before revision .....	59
<b>3.4</b> Use EBI after revision.....	59
<b>Picture 3.5</b> Before Adding a cover.....	59
<b>Picture 3.6</b> After adding a cover .....	59
<b>Picture 3.7</b> Diagram of question difficulty level.....	64
<b>Picture 3.8</b> Diagram of Problem Difficulty Level.....	65
<b>Picture 3.9</b> Diagram of Question Distinguishing Power.....	66
<b>Picture 3.10</b> Diagram of Question Distinguishing Power.....	67
<b>Picture 3.11</b> Research Design Scheme.....	73
<b>Picture 4.1</b> Form of interaction between learning model (A) and motivation (B) on students' problem solving ability.....	94