## LIST OF FIGURES

<table>
<thead>
<tr>
<th>Figure No.</th>
<th>Title</th>
<th>Page No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.1</td>
<td>Monthly variations in different abiotic variables at Saharanpur during the year Oct. 2009 to Sept. 2010.</td>
<td>61</td>
</tr>
<tr>
<td>2.2</td>
<td>Monthly variations in different abiotic variables at Saharanpur during the year Oct. 2010 to Sept. 2011.</td>
<td>63</td>
</tr>
<tr>
<td>3.0</td>
<td>Coefficient of correlation (‘r’ value) between incidence of PTB infection and abiotic variables at Saharanpur</td>
<td>64</td>
</tr>
<tr>
<td>4.1</td>
<td>Percent incidence of PTB infection in suspected patients of Saharanpur during the year Oct. 2009 to Sept. 2010.</td>
<td>66</td>
</tr>
<tr>
<td>4.2</td>
<td>Percent incidence of PTB infection in suspected patients of Saharanpur during the year Oct. 2010 to Sept. 2011.</td>
<td>68</td>
</tr>
<tr>
<td>5.1</td>
<td>Percent incidence of PTB infection in different age groups of suspected patients of Saharanpur during the year Oct. 2009 to Sept. 2010.</td>
<td>70</td>
</tr>
<tr>
<td>5.2</td>
<td>Percent incidence of PTB infection in different age groups of suspected patients of Saharanpur during the year Oct. 2010 to Sept. 2011.</td>
<td>72</td>
</tr>
<tr>
<td>6.1</td>
<td>Percent incidence of PTB infection in males and females in suspected patient of Saharanpur during the year Oct. 2009 to Sept. 2010.</td>
<td>73</td>
</tr>
<tr>
<td></td>
<td>Description</td>
<td>Page</td>
</tr>
<tr>
<td>---</td>
<td>-----------------------------------------------------------------------------</td>
<td>------</td>
</tr>
<tr>
<td>6.2</td>
<td>Percent incidence of PTB infection in males and females in suspected patient of Saharanpur during the year Oct. 2010 to Sept. 2011.</td>
<td>74</td>
</tr>
<tr>
<td>7.1</td>
<td>Percent incidence of PTB infection in different socio-economic classes in suspected patient of Saharanpur during the year Oct. 2009 to Sept. 2010.</td>
<td>75</td>
</tr>
<tr>
<td>7.2</td>
<td>Percent incidence of PTB infection in different socio-economic classes in suspected patient of Saharanpur during the year Oct. 2010 to Sept. 2011.</td>
<td>76</td>
</tr>
<tr>
<td>8.1</td>
<td>Percent incidence of PTB infection in individuals of different habits in suspected patients of Saharanpur during the year Oct. 2009 to Sept. 2010.</td>
<td>77</td>
</tr>
<tr>
<td>8.2</td>
<td>Percent incidence of PTB infection in individuals of different habits in suspected patients of Saharanpur during the year Oct. 2010 to Sept. 2011.</td>
<td>78</td>
</tr>
<tr>
<td>9.1</td>
<td>Percent incidence of PTB infection in different habitats in suspected patients of Saharanpur during the year Oct. 2009 to Sept. 2010.</td>
<td>79</td>
</tr>
<tr>
<td>9.2</td>
<td>Percent incidence of PTB infection in different habitats in suspected patients of Saharanpur during the year Oct. 2010 to Sept. 2011.</td>
<td>80</td>
</tr>
<tr>
<td>10.1</td>
<td>Percent incidence of PTB infection of different blood groups in suspected patients of Saharanpur during the year Oct. 2009 to Sept. 2010.</td>
<td>81</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>---</td>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td>10.2</td>
<td>Percent incidence of PTB infection of different blood groups in suspected patients of Saharanpur during the year Oct. 2010 to Sept. 2011.</td>
<td>82</td>
</tr>
<tr>
<td>11.1</td>
<td>Changes in haematological parameters in the blood of persons having PTB infection.</td>
<td>84</td>
</tr>
<tr>
<td>11.2</td>
<td>Changes in haematological parameters in the blood of persons having PTB infection.</td>
<td>86</td>
</tr>
<tr>
<td>12.0</td>
<td>Changes in biochemical parameters in the blood of persons having PTB infection.</td>
<td>88</td>
</tr>
<tr>
<td>13.0</td>
<td>In vitro culture of Mycobacterium sp. in YK medium at 37°C, taken as control.</td>
<td>89</td>
</tr>
</tbody>
</table>