School Activity Report:

**School Name:** JAWAHAR NAVODAYA VIDYALAYA

**Principal:** SH. AMBESH KUMAR

**Teacher-in-charge:** VIKRAM CHAUDHARY

### Biodiversity & Greening

**Project undertaken:** Plantation

<table>
<thead>
<tr>
<th>Establish - 2010</th>
<th>No of Saplings planted -380</th>
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<tr>
<td>Trees before Plantation - 200</td>
<td>Area (sq.m.) -60</td>
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- **Name of the Plants** - Mango, Harad, Bafera, Amla, Citrus plants, Ashoka, Kachnr, Kaner, Silver oak, Anar, Karonda, Papeeta etc
- **Maintenance** - One student has been allotted one plant and asked him to care for it till his stay in the Vidyalaya.
- No chemical or fertilizer has been employed, domestic manures and neem used as pesticides. Proper weeding has been done by hand picking.
- **Assisted By** - District Forest Department

### Energy

**Project undertaken:** CFL

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<tr>
<th>no of CFL - 600</th>
<th>Electric Consumption after -8</th>
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<td>Electric Consumption before - 24</td>
<td>No of Students -450</td>
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- **Outreach Activity** - The process was initiated phase wise to replace the normal tube light and bulb which were consuming a lot of electricity and economic burden to the Vidyalaya. Earlier the high cost of CFL was out of reach of the Vidyalaya but due to long term benefits and reduction in the expenditure of electricity bills Vidyalaya management switch on the idea to replace the ordinary lighting system.
- **Disposal of CFL** - Fused CFL are properly disposed in the soil pit or landfills away from the approach of the Children’s as they contain the mercury.
- **Assisted By** - Fund granted by the Navodaya Vidyalaya Samiti that is an autonomous organization of the Ministry of Human Resource development.

### Water

**Project undertaken:** Soakage Water
Waste Management

**Project undertaken** : Compost Pit

- **Dimension** - 10X10
- **Compost Produce** - 50KG
- **Establish** - 2011
- **No of Students** - 130

**Description** - STUDENTS LEARN HOW TO MAKE UREA BY WASTE MATERIAL

**Maintenance** - SHOULD BE OUT OF REACH

**Assisted By** - SCHOOL STUDENT AND TEACHERS ONLY

Culture & Heritage

**Project undertaken** : Ecofriendly

- **No of Students** - 120
- **No of Community Members** - 8

**Event** - SOIL AND WATER TESTING EARTH DAY

**Description** - With the help of soil and water testing kits students performed the experiments to find out the hardness of the water alkanity and pH of the water and presence of the phosphate and fluirde in the water of different sources in groups. Similar experimentation was done for the testing of soil- like testing of the pH, alkanity, nitrates and calcium in number of groups for the different soil samples.

They were grouped in 12 batches include six member in each group. They were properly instructed how to use the sample, how to filter and what precautions should be kept with reagents and chemicals. All readings are recorded and tabulated.

**Assisted By** - SCHOOLS

Other Activities
<table>
<thead>
<tr>
<th>Name of Activity</th>
<th>Students Involved</th>
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<tbody>
<tr>
<td>Description</td>
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<td>Class</td>
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<td>Subject</td>
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