

# DIGBOI COLLEGE

ITAVATA, P.O. DIGBOI-786171 (ASSAM)

Third Cycle NAAC Accreditation

## CRITERIA- 7

### INSTITUTIONAL VALUES & BEST PRACTICES

#### 7.1.6. ENVIRONMENT AUDIT

Submitted to



THE NATIONAL ASSESSMENT AND  
ACCREDITATION COUNCIL

# **ENVIRONMENT AUDIT**

**2020-2021**

**DIGBOI COLLEGE**



**Prepared by  
Environment Cell  
Digboi College**

## DIGBOI COLLEGE

### Environment Cell

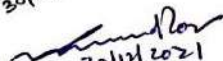
| S.No. | Name                       | Designation  | Committee Role |
|-------|----------------------------|--|----------------|
| 1     | Dr. Dip Saikia             | Principal, Digboi College  | Chair Person   |
| 2     | Mr. Rajib Rudra Tariang    | Assistant Professor,<br>Department of Zoology,<br>Digboi College   | Coordinator    |
| 3     | Dr. Deborshee Gogoi        | Assistant Professor,<br>Department of Commerce,<br>Digboi College  | Member         |
| 4     | Dr. Sangeeta Boruah Saikia | Assistant Professor,<br>Department of Geography,<br>Digboi College | Member         |
| 5     | Dr. Kishor Haloi           | Assistant Professor,<br>Department of Zoology,<br>Digboi College   | Member         |

1. Dr. Dip Saikia

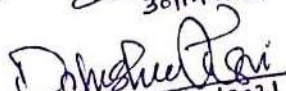
  
30/12/2021

**Principal**  
**Digboi College, Digboi**

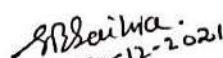
2. Mr. Rajib Rudra Tariang

  
30/12/2021

3. Dr. Deborshee Gogoi

  
30/12/2021

4. Dr. Sangeeta Boruah Saikia

  
30-12-2021

5. Dr. Kishor Haloi

  
30/12/2021



## **INTRODUCTION:**

Digboi College, a premier educational institution of higher education affiliated with Dibrugarh University, was created in 1965 near the oil town of Digboi. The development of a college in Digboi was launched by a small group of motivated academics and social activists. They realised their aim on July 15, 1965. Indian Oil Corporation Limited (AOD) deserves special mention for its benign role in the institution's development. Undergraduate programmes in the arts, sciences, and business have been extended, and a regular master's degree programme in physics and life sciences has just begun. The college includes 20 departments and a student population of over 2000. It is a Provincialized college run by the Assam government. The institution has established itself as one of Dibrugarh University's premier colleges. It has been awarded the coveted STAR college scheme designation for the departments of Botany, Chemistry, and Physics, as well as recognition and funding under the RUSA's Community Scheme and Finishing School.

**LOCATION:** Digboi College is situated atop a hillock, just a few metres south of Digboi-Duliajan road. It has a sprawling campus of 25 acres of land endowed with exotic beauty of hills and lush green forests. The college campus has been naturally gifted with a rich biodiversity.

**VISION:** The College has a vision of imparting quality education. Quality education would prepare students to cater to the demands of a modern technological and global world while inculcating in them the values and cultural heritage for which India is so known to the world.

**OUR MISSION:** The College seeks to:

1. Educate its students to become responsible and ethical citizens of the world with the skills to think creatively, reason critically and communicate effectively.
2. Encourage the students to pursue their courses with resolute determination, equanimity of mind and honesty of character.
3. Foster global competency among students so that they can prepare themselves for the opportunities and challenges of life.
4. Stimulate the academic ambience for quality sustenance and quality enhancement.
5. Build strong bonds with all stakeholders through dedicated teamwork, innovative strategies and commitment to excellence.





### **Environmental Audit:**

An environmental audit is described as an official study of a college's environmental impact. It contributes to the improvement of current practises with the goal of minimising their adverse effects on the environment. Numerous institutions have taken a variety of measures to maintain the campus's ecology, including promoting energy conservation, waste recycling, water conservation, and water harvesting. The environment audit visualises all of these operations by taking stock of the college's infrastructure, academic and management policies, and future goals. A green auditor will conduct a systematic and documented examination of an organization's environmental impacts and will generate an environmental audit report. A clean and healthy atmosphere promotes effective learning and creates a setting conducive to learning.

Environmental audits may be beneficial in determining how and where a college is using the most energy, water, or other resources; the institution can then explore how to adopt improvements and save money. Additionally, it may be used to assess the kind and amount of waste that can be recycled or to enhance a waste reduction strategy. It has the potential to raise health awareness and develop environmental sensitivity, values, and ethics. It increases staff and student awareness of the campus's environmental effect. Green auditing generates financial savings through minimising resource use. It enables students and instructors to build a sense of ownership, personal and societal responsibility. As such, it is critical for the college to assess its own contributions to a sustainable future. As environmental sustainability becomes a more pressing concern for the country, the role of higher educational institutions in addressing it becomes more critical.

## Scope of Environmental Audit:

The scope of Environmental audit is confined to the following areas:

### 1. Air Quality Assessment:

Measures the quality of the air on campus across a variety of time intervals and reports the results. It also examines the kind and amount of pollutants created by the institution in order to discover efficient ways to minimise the carbon footprint and establish a sustainable environment.

### 2. Drinking Water Analysis:

This indicator addresses water consumption, water sources, irrigation, storm water, appliances and fixtures. As a result, water supplies are being depleted and contaminated at a pace that has never been seen before. As a result, every organisation committed to environmental stewardship must assess its water use policies.

### 3. Noise Level:

This indicator assesses the level of noise in various locations on the college campus over time.

### 4. Waste Management:

This indicator assesses current waste disposal policies (handling, storage, collection, and disposal) and recommends the best course of action to address the issues.

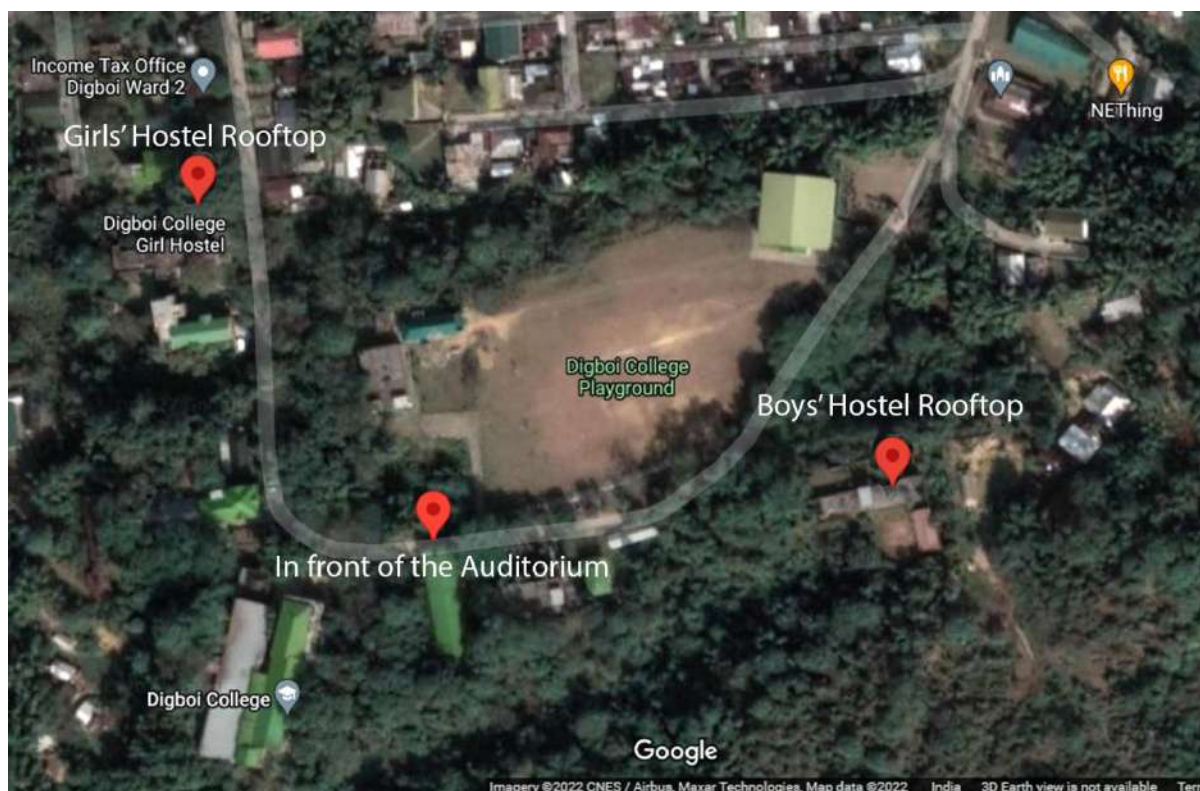
## Air Quality Assessment:

The college appointed “Environcon”- an ISO 9001:2015 and 45001:2018 certified organisation recognised by Pollution Control Board, Govt. of Assam to make the Air Quality Assessment of the college campus. The Ambient Air Quality Test was done by the said organisation from three different locations viz. Girls’ Hostel Rooftop, front of the Auditorium and Boys’ Hostel Rooftop. The findings are as follows:

| Sl. No. | Locations  | Date of Sampling | PM 2.5 ( $\mu\text{g}/\text{m}^3$ ) | PM 10 ( $\mu\text{g}/\text{m}^3$ ) | SO <sub>2</sub> ( $\mu\text{g}/\text{m}^3$ ) | NO <sub>2</sub> ( $\mu\text{g}/\text{m}^3$ ) |
|---------|--|------------------|-------------------------------------|------------------------------------|--|--|
|         | Limits →   | ...              | 60                                  | 100                                | 80   | 80   |
| 1       | Girls’ Hostel Rooftop<br>(27.395202°N, 95.605375°E)      | 17/12/2021       | 4.2                                 | 24.1                               | BDL  | BDL  |
| 2       | In front of the Auditorium<br>(27.394192°N, 95.606434°E) | 17/12/2021       | 7.2                                 | 26.2                               | BDL  | BDL  |
| 3       | Boys’ Hostel Rooftop<br>(27.394359°N, 95.608206°E)       | 17/12/2021       | 6.5                                 | 22.7                               | BDL  | BDL  |

Analysis Protocol: IS 5182

BDL: Below Detectable Limit



Pic. 1: Map showing Ambient Air Quality Test locations

Fine Particulate Matter (PM<sub>2.5</sub>) is an air contaminant that may be harmful to people's health at high levels. PM<sub>2.5</sub> is microscopic particles in the air that decrease vision and make the air look hazy when concentrations are high. As per the findings of Environcon, PM<sub>2.5</sub> level in Girls' Hostel Rooftop, front of the Auditorium and Boys' Hostel Rooftop are **4.2 µg/m<sup>3</sup>**, **7.2 µg/m<sup>3</sup>** and **6.5 µg/m<sup>3</sup>** respectively which is far below the 60 µg/m<sup>3</sup> standard.

Nitrogen dioxide (NO) and sulphur dioxide (SO<sub>2</sub>) are the most closely monitored ambient air criteria pollutants due to their effects on the human respiratory system, their contribution to ecosystem acidification, the acidity of airborne particulate matter and its health effects, and the role of NO in the formation of photochemical oxidants. The findings of Environcon establish that the NO and SO<sub>2</sub> level in all the above sites is Below Detectable Limit.

### Drinking Water Analysis:

The college appointed "Environcon"- an ISO 9001:2015 and 45001:2018 certified organisation recognised by Pollution Control Board, Govt. of Assam to assess the drinking water quality within the college campus. The primary water sources of the campus are:

1. Ground water through boring
2. Rain water harvesting

Sample Reference : DC/2021/DW-1712/01  
Sample Type : Drinking Water  
Received on : 17-12-2021

Sample Source : Canteen  
Collected Date: 17-12-2021

| Sl.No. | Parameters                          | Results    | Acceptable Limit | Permissible limit* in the absence of alternate source |
|--------|-------------------------------------|------------|------------------|---|
| 1      | Colour, Hazen Units, Max            | <1         | 5                | 15  |
| 2      | Odour                               | Odourless  | Agreeable        | Agreeable   |
| 3      | Taste                               | Acceptable | Agreeable        | Agreeable   |
| 4      | Turbidity, NTU, MAX                 | <0.01      | 1                | 5   |
| 5      | pH                                  | 6.81       | 6.5-8.5          | No Relaxation   |
| 6      | Total dissolved solids, mg/l, Max   | 69         | 500              | 2000  |
| 7      | Calcium (Ca), mg/l, Max             | 6          | 75               | 200   |
| 8      | Chloride (Cl), mg/l, Max            | 3.9        | 250              | 1000  |
| 9      | Fluorides (F), mg/l, Max            | <0.01      | 1                | 1.5   |
| 10     | Iron (Fe), mg/l, Max                | <0.001     | 0.3              | No Relaxation   |
| 11     | Magnesium (Mg), mg/l, Max           | 1          | 30               | 100   |
| 12     | Nitrate (NO3), mg/l, Max            | <0.01      | 45               | No Relaxation   |
| 13     | Sulfate (SO4), mg/l, Max            | <1         | 200              | 400   |
| 14     | Total Alkalinity (CaCO3), mg/l, Max | 42         | 200              | 600   |
| 15     | Total Hardness (CaCO3), mg/l, Max   | 22         | 200              | 600   |
| 16     | Total Arsenic (As), mg/l, Max       | <0.001     | 0.01             | 0.05  |
| 17     | Fecal Coliforms/100 ml              | Absent     | Absent           | Absent  |
| 18     | E. Coli/ 100 ml                     | Absent     | Absent           | Absent  |

\*Limits as per IS 10500: 2012  
Protocol: IS 3025

Analysis

Total fecal coliform bacteria, nitrate, pH, hardness, and total dissolved solids all have an effect on the quality of drinking water and are all stated on a drinking water test result.

**Fecal Coliform:** This is a bacteriological test that determines if a source of drinking water has been polluted with human or animal waste. If the test results are positive, the water should not be consumed until it has been boiled for five minutes or disinfected in some other way. The sample drinking water contains no Fecal Coliforms as per the test report.

**pH:** A pH of less than 6.5 may be harmful to your health. Water that is very acidic may be corrosive and can dissolve metals in pipes, pumps, and other fixtures. pH level of the sample drinking water is 6.81 which is very much within the recommend range of SDWR guidelines of pH 6.5 to 8.5 for drinking water.

**Total Hardness:** Water that has an excessive amount of calcium and magnesium is referred to as "hard water." While hard water is not harmful to health, it may lead to the formation of scaly deposits in pipes and water tanks. Water should have a hardness reading of less than 150 mg/l and not more than 500 mg/l. Total hardness of the sample drinking water is 22, which is well below the Acceptable limit.



**Nitrate (N):** A high nitrate concentration is lethal to newborns and a danger to young farm animals. Elevated levels may occur in close proximity to manure dumps, fertilised fields, or neighbourhoods with septic tanks. Nitrate (N) concentrations should not exceed 10 mg/l or Nitrite concentrations should not exceed 1 mg/l (as N).

| Maximum Contaminant Levels |           |
|----------------------------|-----------|
| Arsenic (As)               | 10 ug/l   |
| Flouride (F)               | 4 mg/l    |
| Cadmium (Cd)               | 5 ug/l    |
| Lead (Pb)                  | 15 ug/l   |
| Copper (Cu)                | 1300 ug/l |
| Mercury (Hg)               | 2 ug/l    |

| Secondary Drinking Water Regulation Levels |           |
|--|-----------|
| Chloride (Cl)                              | 250 mg/l  |
| Sulfate (SO <sub>4</sub> )                 | 250 mg/l  |
| Iron (Fe)**                                | 0.30 mg/l |
| Zinc (Zn)                                  | 5 mg/l    |
| Manganese (Mn)**                           | 0.05 mg/l |

\*Iron and Manganese are often present together. They may cause rusty water, stains, deposits, and affect water's taste, but they are not a health hazard

It is quite evident from the above chart that the sample drinking water satisfies the parameters set by Secondary Drinking Water Regulation (SDWR) and is safe for drinking.

#### **Ambient Noise Level Measurement:**

Loudness and frequency are the two fundamental qualities of sound. Loudness is the intensity of an individual's perception of sound, expressed in decibels. Noise pollution is defined as sounds that surpass 80 decibels and have a harmful impact on humans. The WHO has established 45 decibels as the maximum permissible noise level in a city.

The campus of Digboi College is tranquil and pleasant. Additionally, the college's Green Belt, which surrounds the campus, contributes to noise reduction from neighbouring neighbourhoods. The irritation threshold of -80 dBA, hearing damage threshold of -90 dBA, permanent hearing loss threshold of 100 dBA, pain threshold of -120 dBA, ear discomfort threshold of -140 dBA, ear drum damage threshold of -160 dBA, and lung damage threshold of -190 dBA all reflect the level of noise that causes annoyance in humans. The Sound metre application was used to collect noise levels at different time intervals across the college campus. The software is capable of detecting any sound in the area and displaying its lowest, average, and maximum volumes. The college campus's noise level was determined to be within acceptable safety levels. As a consequence, campus is peaceful and quiet, with minimal disturbance of academic activity, maintaining a favourable academic climate.

### Ambient Noise Level Measurement Result

| Sl. No. | Locations                           | Date of Measurement | Day Time (dB-A) |
|---------|-------------------------------------|---------------------|-----------------|
| 1       | Near College Main Gate              | 17-12-2021          | 48.6            |
| 2       | Near Boys' Hostel                   | 17-12-2021          | 46.2            |
| 3       | In front of Auditorium              | 17-12-2021          | 45.1            |
| 4       | In front of Administrative Building | 17-12-2021          | 47.9            |
| 5       | In front of Classroom AT2/AT3       | 17-12-2021          | 43.7            |
| 6       | Inside Canteen                      | 17-12-2021          | 48.7            |
| 7       | Near Girls' Hostel                  | 17-12-2021          | 41.4            |

*Limit: Daytime 50 dB-A*

The above data establishes that the Digboi College Camus is free from ambient noise as the sound decibels in all the testing sites is less than the threshold limit of 50 dB-A.

### Waste Management

Waste generates a considerable quantity of litter, which contributes to health concerns. Institutional operations create a variety of wastes that must be properly handled, stored, collected, and disposed of in order to minimise dangers to the environment and public health.

The College has made several trash control efforts and endeavours. On the College campus, wastes from various sources are meticulously separated for appropriate disposal. Diverse garbage containers are designated for the collection of various types of waste. The Institute places a premium on environmental health and has contributed to the sustainability of future generations throughout the years. Institutional wastes are often classified into three primary categories: solid, liquid, and e-waste. As shown below, several factors were used to sort and dispose of these wastes.

**Solid Waste:** Pollution from garbage is unpleasant and contributes significantly to litter in our neighbourhoods, which may cause health concerns. Biodegradable, non-biodegradable, and hazardous waste are the three forms of solid waste. Food trash, canteen garbage, and toilet waste are all examples of biodegradable waste. Plastic, tins, and glass bottles are all examples of non-biodegradable garbage. Hazardous trash includes cleaning chemicals, acids, and laboratory chemicals.

Hazardous trash includes cleaning chemicals, acids, and laboratory chemicals.

Each department at Digboi College, as well as administrative offices, generates garbage that is deposited in the department's small waste bin. Each building has multiple dustbins from which cleaning personnel collects rubbish.

Vermi-composting units located within the college campus successfully convert biodegradable wastes to fertiliser. This fertiliser is utilised in the college's fruit orchard and flower garden.

Digboi College actively opposes the usage of plastic on campus, especially single-use plastics. The college campus has been designated a "Plastic-Free Zone." Formation of Eco bricks from plastic wastes gathered by the students from different sources and making "Best out of waste"

The College generates a significant amount of paper trash. Paper wastes from Academic Blocks, Libraries, Exam Conduction, Administrative Offices, and Hostels are carefully piled in specified areas and then disposed of properly via vendors. The College supports the use of digital platforms for communication and document exchange in order to lessen reliance on paper.



**Liquid Waste:** Hostel sewage, laboratory effluent waste, and canteen effluent waste are the most common liquid wastes created on campus. Following are the measures taken for liquid waste management:

1. Septic tanks are situated across campus and collect waste water from the toilets.
2. During dry seasons, the waste water from the College Canteen is collected and utilised to irrigate the flower beds.
3. To avoid the risk of hazard to the environment, laboratory liquid wastes are controlled via a separate effluent pipe linked to the drain.

The college do not have any sewage treatment plant yet.

**E-Waste Management:** Digboi College has a highly effective system in place to dispose of E-waste from diverse sources. Computer labs, electronic labs, physics labs, chemistry labs, academic and administrative offices all produce e-waste.

Lab instruments, circuits, desktops, laptops and accessories, printers, charging and network cables, Wi-Fi devices, cartridges, sound systems, display units, UPS, Biometric Machine, scientific instruments, and so on are all examples of e-waste. All of these wastes are put to the best possible use. All of the equipment that cannot be reused or repurposed is disposed of by approved suppliers. For technological upgrades, the Buy-Back option is chosen over a fresh purchase.

### **Recommendations:**

All of the environmental audit indicators were investigated and analysed thoroughly. Although Digboi College has faced several obstacles and difficulties, it has managed and progressed well in managing its environmental effect. However, there is room for growth in a variety of managerial fields. An environmental management system formalised continuous practise, framework creation and monitoring of action plans are recommended for continued development from the existing stage.

Reports from environmental audits may help the institution move toward an eco-friendly approach to sustainable growth even more quickly. As a result, new and improved methods may be implemented. In order to ensure a profitable future for the Green Campus, sustainable environment, and community development, the college should keep encouraging all the

stakeholders to discourage use of plastic especially single-use plastics, initiate green ways of generating energy, and promote digital/on-line teaching modes.



অসম চৰকাৰ



GOVERNMENT OF ASSAM

**GOVT. OF ASSAM**  
**OFFICE OF THE ASSISTANT EXECUTIVE ENGINEER (PHE)**  
**DIGBOI SUB-DIVISION:: DIGBOI**

Date : 31-12-2021

**TO WHOM IT MAY CONCERN**

This is to certify as per Environment Audit carried out by Public Health Engineering Department, Digboi Sub-Division, Digboi that Digboi College, Tinsukia, has kept its college campus environment clean with initiative of solid waste management program with awareness among the students. NSS Digboi College Unit has initiated the concepts like "Making of Eco-Bricks" and "Best out of Waste" thereby making the college a plastic free zone.

The achievement of the college is exemplary and it can be a role model for all other colleges of India. We convey our best wishes towards making a cleaner and better environment for future.

31/12/2021  
Assistant Executive Engineer (PHE)  
Digboi Sub-Division, Digboi

Report No.: ENV/DC/TSK/21-22/S-02  
Date : 24/12/2021

Order No.: Dig./Col./Work Ord.(15)/2021/186  
Date : 09/10/2021

Report Issued To: **DIGBOI COLLEGE**  
P.O.: Digboi, Dist.: Tinsukia, Assam - 786171

**TEST RESULTS**

Sample Ref. No.: DC/2021/S-1712/02

Sample Source : Back Side of Zoology Lab  
(27.39350°N, 95.60600°E)

Sample Type : Soil Sample

Collected On : 17-12-2021

Received On : 17-12-2021

Collected By : Envirocon Representative

| Sl. No. | Parameters                       | Results |
|---------|----------------------------------|---------|
| 1.      | pH of Water Extract              | 6.39    |
| 2.      | % Carbon (dry wt.)               | 1.16    |
| 3.      | % Nitrogen (dry wt.)             | 0.11    |
| 4.      | Nitrogen & Organic Matter Status | Good    |
| 5.      | Available K <sub>2</sub> O, ppm  | 138     |
| 6.      | Available Potash Status          | High    |
| 7.      | Available Sulphur, ppm           | 28      |



Checked By: Mr. Bivash Mahanta, ENVIROCON

**NOTE:**

1. Results reported are valid at the time of and under the prevailing conditions of measurement.
2. Results refer only to the particular parameters tested.
3. This test report shall not be reproduced except in full, without the written permission of ENVIROCON, I.O.C.L. (AOD) New Market, Digboi - 786171, Assam.

**Core Services:** Environmental Monitoring & Data Generation, EIA & EMP, Environmental Audit & Allied Environmental Management jobs  
**Associate Services:** Certification by Competent Person (CIF), NDT, Hydraulic Testing, Chartered Engineer Services etc.



**envirocon**

Recognised By  
Pollution Control Board, Assam

Envirocon Building, I.O.C.I. (AOD) New Market  
P.O.: Digboi, Dist.: Tinsukia, Assam - 786 171  
Ph: 03751-264414, 9435008687, 8876028672  
E-mail: envirocon@rediffmail.com

ISO 9001:2015 Certified  
ISO 45001:2018 Certified

Report No.: ENV/DC/TSK/21-22/S-01  
Date : 24/12/2021

Order No.: Dig./Col./Work Ord.(15)/2021/186  
Date : 09/10/2021

Report Issued To: **DIGBOI COLLEGE**  
P.O.: Digboi, Dist.: Tinsukia, Assam - 786171

### TEST RESULTS

Sample Ref. No.: DC/2021/S-1712/01

Sample Source : Near Fruit Orchard  
(27.39475°N, 95.60815°E)

Sample Type : Soil Sample

Collected On : 17-12-2021

Received On : 17-12-2021

Collected By : Envirocon Representative

| Sl. No. | Parameters                       | Results |
|---------|----------------------------------|---------|
| 1.      | pH of Water Extract              | 6.42    |
| 2.      | % Carbon (dry wt.)               | 1.24    |
| 3.      | % Nitrogen (dry wt.)             | 0.14    |
| 4.      | Nitrogen & Organic Matter Status | Good    |
| 5.      | Available K <sub>2</sub> O, ppm  | 132     |
| 6.      | Available Potash Status          | High    |
| 7.      | Available Sulphur, ppm           | 26      |



Checked By: Mr. Bivash Mahanta, ENVIROCON

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Report No.: ENV/DC/TSK/21-22/S-03  
Date : 24/12/2021

Order No.: Dig./Col./Work Ord.(15)/2021/186  
Date : 09/10/2021

Report Issued To: **DIGBOI COLLEGE**  
P.O.: Digboi, Dist.: Tinsukia, Assam - 786171

### TEST RESULTS

Sample Ref. No.: DC/2021/S-1712/03

Sample Source : In front of Girls' Hostel  
(27.39501°N, 95.60593°E)

Sample Type : Soil Sample

Collected On : 17-12-2021

Received On : 17-12-2021

Collected By : Envirocon Representative

| Sl. No. | Parameters                       | Results |
|---------|----------------------------------|---------|
| 1.      | pH of Water Extract              | 6.46    |
| 2.      | % Carbon (dry wt.)               | 1.29    |
| 3.      | % Nitrogen (dry wt.)             | 0.17    |
| 4.      | Nitrogen & Organic Matter Status | Good    |
| 5.      | Available K <sub>2</sub> O, ppm  | 142     |
| 6.      | Available Potash Status          | High    |
| 7.      | Available Sulphur, ppm           | 30      |



Checked By: Mr. Bivash Mahanta, ENVIROCON

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Report No.: ENV/DC/TSK/21-22/AA-01  
Date : 24/12/2021

Order No.: Dig./Col./Work Ord. (15)/2021/106  
Date : 09.10.2021

Report Issued To: **DIGBOI COLLEGE**  
P.O.: Digboi, Dist.: Tinsukia, Assam - 786171

### AMBIENT AIR QUALITY TEST RESULTS

| Sl. No. | LOCATION(S) ↓  | Date of Sampling | PM 2.5 (µg/m³) | PM 10 (µg/m³) | SO <sub>2</sub> (µg/m³) | NO <sub>2</sub> (µg/m³) |
|---------|--|------------------|----------------|---------------|-------------------------|-------------------------|
|         | LIMIT(S) →   |                  | 60             | 100           | 80                      | 80                      |
| 01      | Girls Hostel Rooftop<br>(27.395202°N, 95.605375°E)   | 17.12.2021       | 4.2            | 24.1          | BDL                     | BDL                     |
| 02      | In front of Auditorium<br>(27.394192°N, 95.606434°E) | 17.12.2021       | 7.2            | 26.2          | BDL                     | BDL                     |
| 03      | Boys Hostel Rooftop<br>(24.394359°N, 95.608206°E)    | 17.12.2021       | 6.5            | 22.7          | BDL                     | BDL                     |

Analysis Protocol: IS 5182  
BDL: Below Detectable Limit



Checked By: Mr. Pankaj Baroi, ENVIROCON

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Date : 24/12/2021

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Date : 09.10.2021

Report Issued To : **DIGBOI COLLEGE**  
P.O.: Digboi, Dist.: Tinsukia, Assam - 786171

### DRINKING WATER ANALYSIS RESULTS

Sample Ref. No.: DC/2021/DW-1712/01  
Collected On : 17-12-2021

Sample Source : Canteen  
Received On : 17-12-2021

Sample Type : Drinking Water  
Collected By : Envirocon Representative

| Sl. No. | Parameters  | Results    | Acceptable Limit* | Permissible Limit*<br>in the Absence of<br>Alternate Source |
|---------|---|------------|-------------------|---|
| 1.      | Colour, Hazen Units, Max                            | <1         | 5                 | 15  |
| 2.      | Odour   | Odourless  | Agreeable         | Agreeable   |
| 3.      | Taste   | Acceptable | Agreeable         | Agreeable   |
| 4.      | Turbidity, NTU, Max                                 | <0.1       | 1                 | 5   |
| 5.      | pH  | 6.81       | 6.5 - 8.5         | No Relaxation   |
| 6.      | Total Dissolved Solids, mg/l, Max                   | 69         | 500               | 2000  |
| 7.      | Calcium (as Ca), mg/l, Max                          | 6          | 75                | 200   |
| 8.      | Chloride (as Cl), mg/l, Max                         | 3.9        | 250               | 1000  |
| 9.      | Fluorides (as F), mg/l, Max                         | <0.1       | 1.0               | 1.5   |
| 10.     | Iron (as Fe), mg/l, Max                             | <0.001     | 0.3               | No Relaxation   |
| 11.     | Magnesium (as Mg), mg/l, Max                        | 1          | 30                | 100   |
| 12.     | Nitrate (as NO <sub>3</sub> ), mg/l, Max            | <0.1       | 45                | No Relaxation   |
| 13.     | Sulfate (as SO <sub>4</sub> ), mg/l, Max            | <1         | 200               | 400   |
| 14.     | Total Alkalinity (as CaCO <sub>3</sub> ), mg/l, Max | 42         | 200               | 600   |
| 15.     | Total Hardness, (as CaCO <sub>3</sub> ), mg/l, Max  | 22         | 200               | 600   |
| 16.     | Total Arsenic (as As), mg/l, Max                    | <0.001     | 0.01              | 0.05  |
| 17.     | Faecal Coliforms/ 100 ml                            | Absent     | Absent            | Absent  |
| 18.     | E. Coli / 100 ml                                    | Absent     | Absent            | Absent  |

\*Limits as per IS 10500:2012

Analysis Protocol: IS 3025



Checked By: Mr. Pankaj Baroi, ENVIROCON

**NOTE:**

1. Results reported are valid at the time of and under the prevailing conditions of measurement.
2. Results refer only to the particular parameters tested.
3. This test report shall not be reproduced except in full, without the written permission of ENVIROCON, I.O.C.L (AOD) New Market, Digboi - 786171, Assam.

**Core Services:** Environmental Monitoring & Data Generation, EIA & EMP, Environmental Audit & Allied Environmental Management jobs  
**Associate Services:** Certification by Competent Person (CIP), NDT, Hydraulic Testing, Chartered Engineer Services etc.

Report No.: ENV/DC/TSK/21-22/N-01  
Date : 24/12/2021

Order No.: Dig./Col./Work Ord. (15)/2021/146  
Date : 09.10.2021

Report Issued To: **DIGBOI COLLEGE**  
P.O.: Digboi, Dist.: Tinsukia, Assam - 786171

**AMBIENT NOISE LEVEL MEASUREMENT RESULTS**

| Sl. No. | Location(s)                         | Date Of Measurement | Day Time $L_{eq}$ (dB-A) |
|---------|-------------------------------------|---------------------|--------------------------|
| 1       | Near College Main Gate              | 17.12.2021          | 48.6                     |
| 2       | Near Boys Hostel                    | 17.12.2021          | 46.2                     |
| 3       | In front of Auditorium              | 17.12.2021          | 45.1                     |
| 4       | In front of Administrative Building | 17.12.2021          | 47.9                     |
| 5       | In front of Class Room 82/83        | 17.12.2021          | 43.7                     |
| 6       | Inside Canteen                      | 17.12.2021          | 48.7                     |
| 7       | Near Girls Hostel                   | 17.12.2021          | 41.4                     |

Limit: Day Time- 50 dB-A.



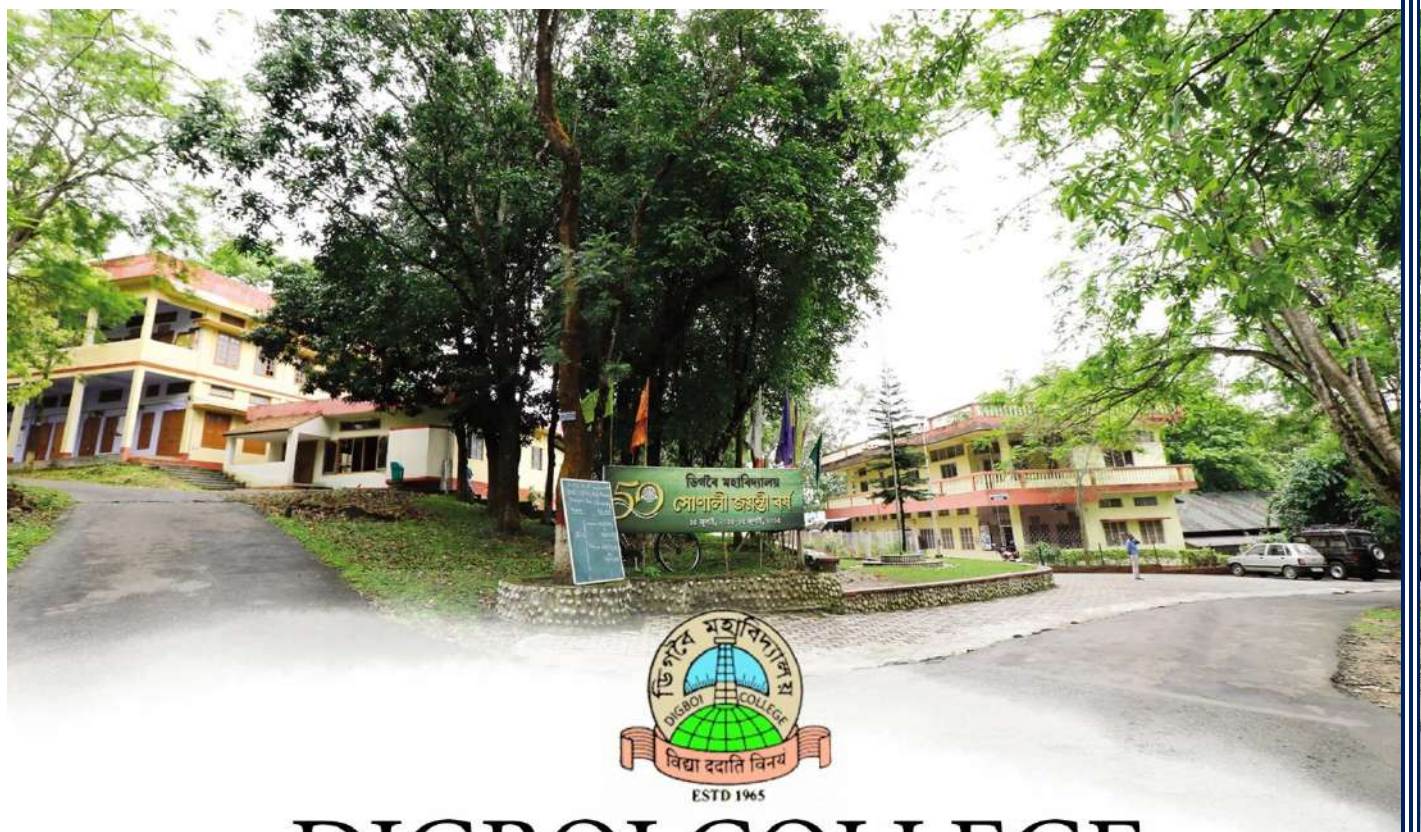
Checked By: Mr. Pankaj Baroi, ENVIROCON

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**Core Services:** Environmental Monitoring & Data Generation, EIA & EMP, Environmental Audit & Allied Environmental Management jobs  
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# DIGBOI COLLEGE

ITAVATA, P.O. DIGBOI-786171 (ASSAM)

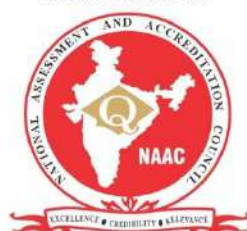
Third Cycle NAAC Accreditation

## CRITERIA- 7

### INSTITUTIONAL VALUES & BEST PRACTICES

#### 7.1.6. ENERGY AUDIT REPORT

Submitted to



THE NATIONAL ASSESSMENT AND  
ACCREDITATION COUNCIL



# DIGBOI COLLEGE, DIGBOI (ASSAM)

## Energy Audit Report



ডিগবৈ মহাবিদ্যালয়  
DIGBOI COLLEGE

Digboi College,  
PO Digboi- 786171 (ASSAM)

# DIGBOI COLLEGE

## Energy Auditing Committee

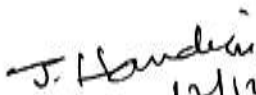
| S.No. | Name                       | Designation  | Committee Role |
|-------|----------------------------|--|----------------|
| 1     | Dr. Jayanta Handique       | Associate Professor and HOD,<br>Department of Electronics,<br>Digboi College | Coordinator    |
| 2     | Mr. Agha Shahi             | Senior Maintenance Manager<br>Electrical Maintenance,<br>IOCL DIGBOI         | Energy Auditor |
| 3     | Mr. Dipankar Phukan        | Senior Technical Services<br>Manager,<br>IOCL, DIGBOI                        | Energy Auditor |
| 4     | Mr. Rajib Rudra<br>Tariang | Assistant Professor,<br>Department of Zoology,<br>Digboi College             | Member         |
| 5     | Mr. Jayanta Deep Dutta     | Assistant Professor,<br>Department of English,<br>Digboi College             | Member         |
| 6     | Dr. Kanchan Konwar         | Assistant Professor,<br>Department of Physics,<br>Digboi College             | Member         |

## ENERGY AUDIT CERTIFICATE

This is to certify that an "ENERGY AUDIT" for DIGBOI COLLEGE, PO DIGBOI, DIGBOI - 786171 (ASSAM) has been conducted in November-December 2021 to assess energy costs, availability and reliability of supply of energy, energy conservation technologies and way to reduce energy consumption.

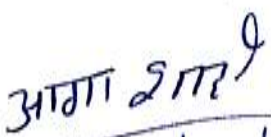
Place: DIGBOI

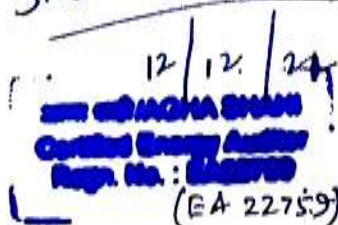
Date: 12.12.2021

  
Dr. Jayanta Handique  
(Coordinator)

  
Mr. Dipankar Bhukan  
(Energy Auditor)

EA: 16973

  
Mr. Agha Shah  
(Energy Auditor)

  
(EA 22759)

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2. Energy Audit
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    - 2.2.3 Review of Documents and records
    - 2.2.4 Site inspection
    - 2.2.5 Energy Sources and Consumption Areas
    - 2.2.6 Key findings and observations of Energy usages
    - 2.2.7 Already existing power saving measures
    - 2.2.8 Recommendations for Better Energy Efficiency
  - 2.3 Post Audit Phase
3. Photographs

## **2.1 Pre-Audit phase**

### **2.1.1 Survey for Data Collection**

1. List ways that you use energy in your college (Electricity, LPG, firewood, Petrol, Diesel and others)
2. Electricity Bill Amount for last five year.
3. Amount paid for diesel for Gen set for the last five year.
4. Are there any energy saving methods employed in the college? If yes, please specify. If no suggest some.
5. How many LED bulbs are used in the college? Mention the use.
6. How many fans are installed in the college? Mention use.
7. How many electrical equipment's are used in the college labs? Mention use.
8. Any other item that uses energy. Mention the use.
9. Are any alternate energy sources/ non-conventional energy sources employed / installed in the college? Specify.
10. Do you run SWITCH OFF DRILLS in the college?
11. How many boards displayed for energy awareness?
12. Write a note on the methods/practices/adaptations by which you can reduce the energy use in your college campus in future.



## **2.2 Audit phase**

In Digboi College energy auditing was done with the help of team-teaching staff. The energy audit began with the teams walking through all the different facilities at the college, determining different types of appliances and utilities and identifying the relevant consumption patterns (how often the appliance is used) and their impacts. The learners are interviewed to get details of usage, frequency or general characteristics of certain appliances.

### **2.2.1 Data Collection**

Data Collection was done in the sectors such as sources of energy and energy consumption pattern. College records and documents were verified to clarify the data received through survey and discussions.

### **2.2.2 Site Tour**

Site inspection was done along-with staff. Questionnaires were answered during the site tour.

### **2.2.3 Review of documents and records**

Documents such as electricity bills, fuel consumption were collected and reviewed.

#### **2.2.4 Site Inspection**

College and its premises were visited and audited by the audit teams to gather information. Garden, playgrounds, Canteen, office rooms, solar panels, Inverter panels were also checked.

#### **2.2.5 Energy Sources and Consumption Areas in Digboi College**

There are 4 hostels, academic block, lab block and supporting infrastructure like library, auditorium and Canteen. Analysis implies that hostels in general is relatively more power consuming unit of the campus. Small consumption of auditorium is due to its less usage and no AC's.

##### **2.2.5.1 Energy Sources**

Digboi College receive electricity through Overhead line from state electricity department (APDCL). Transformer of capacity 63 kVA has been installed in campus for distribution of power to different units.

In case of power cut the power demand is fulfilled through generator which runs on diesel as fuel.

Generator: 55 kVA

Power efficiency of Generator: 80 %

### 2.2.5.2 Energy Consumption

Energy Consumption is shown in table

| Year      | Electricity Bill (INR) | Diesel Charges (INR) |
|-----------|------------------------|----------------------|
| 2017 - 18 | 4,31,622/-             | 1,18,000/-           |
| 2018 - 19 | 5,59,481/-             | 1,32,150/-           |
| 2019 - 20 | 5,07,287/-             | 1,26,000/-           |
| 2020 - 21 | 2,56,339/-             | 1,13,700/-           |
| 2021 - 22 | 2,67,707/-             | 96,000/-             |

### 2.2.6 Key Findings and Observations of Energy Usages

The base of energy audit is that its findings are supported by documents and verifiable information. The audit process seeks, on a sampled basis, to track past actions, activities, events and procedures to ensure that they are carried out according to system requirements and in the correct manner.

The essence of any energy audit is to find out how well energy management equipment is performing. Each of the components are crucial in ensuring that the organization's energy performance meets the goals set in its energy policy.

- ❖ Electricity Charges / annum (2019-20)\* Rs 5,07,287/-
- ❖ Number of Generators = 1
- ❖ Cost of generator Fuel (2019-20) Rs 1,26,000/-

- ❖ Total Cost of Energy / annum = 6,33,287/-
- ❖ Cost of Energy / Month\* = **Rs 52,775/-**
- ❖ Electricity charges / annum (2021-22)\*\* Rs 2,67,707/-
- ❖ Cost of Generator Fuel (2021-22) Rs 96,000/-
- ❖ Total Cost of Energy / annum = Rs 3,63,707/-
- ❖ Cost of energy / month\*\* = **Rs 33,064.30/-**

\*: Before installation of solar panel in hostel

\*\*: After installation of solar panels in hostel

### **2.2.7 Already existing power saving measures**

- Solar panels installed in hostel buildings
- Turn OFF electrical equipment's when not in use
- CFLs being replaced by more efficient LED
- Use of computer and electronic equipment's in power saving mode.

### **2.2.8 Recommendations for better Energy Efficiency**

Based on the analysis of the power consumption data, certain steps have been recommended for improving energy efficiency of this campus. Also, a number of general measures for energy efficiency have been listed.

#### **2.2.8.1 Low Cost / No investment**

##### **1. Housekeeping**

- The windows should be cleaned so that ample sunlight can enter classes and the usage of daylight can be maximised.
- The ceiling fans should be cleaned.
- The switches of Ceiling fans and lights in the classrooms should be properly grouped so as to switch off the unwanted lights instead of operating all the tube lights and ceiling fans.
- Energy awareness camps to be conducted twice in a year in the campus to impart energy conservation knowledge to the students.

#### 2.2.8.2 Medium Investment / Short term replacements

- Use of master switch outside each Room: Installation of master switch outside a room can make it easy for a person to switch off all the appliances of a room in case if someone forgets to switch off while leaving the room. This can help improving energy efficiency.

#### 2.2.8.3 High Investment / Long term replacements

- Replacement of Overhead Electrical power supply line to Underground line. As the overhead line is passing through the areas where tree touching is common issue. Due to frequent faults in the overhead line there are frequent power outages due to which the Diesel Generator is started frequently to maintain power supply in the campus. After changing the overhead line with underground cable, the reliability of



power supply is maintained and the diesel engine usage can be minimised thereby improving the overall energy efficiency and saving of additional fuel cost.

#### 2.2.9 Consolidation of Audit Findings

- The communication process for awareness in relation to energy conservation is adequate.
- Assessment of electrical load calculation has been done by the college.
- Monthly use of electricity in the college is not very high.
- Objectives for reducing energy, water and fuel consumption are sufficient.
- Energy efficient equipment's are being used by replacing old non energy efficient equipment's.

### 2.3 Post Audit Phase

Energy audit forms a part of an on-going process. Innovative energy saving initiatives has to be designed and implemented every year to make the college environmentally sustainable. Follow up program of energy auditing recommendations should be done meticulously before the next audit.

## Digboi College

### For Energy Audit (Account of Electrical Switch, fan, Light etc.)

| Room No & Dept.      | Led light | Tube light | Plug point | Fan | Fan regulator |
|----------------------|-----------|------------|------------|-----|---------------|
| Physics              | 8         | 4          | 24         | 2   | 0             |
| Room 1               | 0         | 3          | 5          | 2   | 0             |
| Room 2               | 4         | 0          | 4          | 2   | 2             |
| Room 3               | 1         | 3          | 3          | 2   | 2             |
| Room 4               | 5         | 3          | 15         | 2   | 0             |
| Room 5               | 0         | 3          | 7          | 0   | 0             |
| Room 6               | 0         | 3          | 8          | 1   | 0             |
| Nepali               | 1         | 1          | 2          | 1   | 2             |
| M2                   | 5         | 0          | 1          | 4   | 0             |
| Hindi                | 5         | 0          | 4          | 4   | 2             |
| M4                   | 0         | 2          | 1          | 5   | 5             |
| M5                   | 0         | 2          | 2          | 5   | 5             |
| M15                  | 8         | 0          | 3          | 12  | 12            |
| M16                  | 8         | 0          | 3          | 12  | 12            |
| M6                   | 1         | 1          | 5          | 3   | 1             |
| M7                   | 1         | 1          | 1          | 2   | 0             |
| M8 Bengali           | 1         | 1          | 3          | 2   | 0             |
| M9                   | 3         | 0          | 1          | 2   | 0             |
| M10                  | 1         | 1          | 0          | 2   | 2             |
| M11                  | 0         | 4          | 0          | 6   | 0             |
| M13                  | 0         | 3          | 3          | 3   | 0             |
| Assamese Dept        | 2         | 1          | 3          | 1   | 1             |
| Assamese R1          | 1         | 1          | 3          | 2   | 0             |
| English Dept         | 4         | 0          | 2          | 2   | 2             |
| English R1           | 4         | 0          | 0          | 2   | 2             |
| Conference Hall      | 44        | 0          | 8          | 0   | 0             |
| Math Dept            | 8         | 0          | 6          | 2   | 2             |
| Math R1              | 6         | 0          | 3          | 2   | 2             |
| Math R2              | 3         | 0          | 2          | 2   | 2             |
| Computer Dept        | 1         | 1          | 1          | 2   | 0             |
| Computer Lab         | 2         | 4          | 20         | 2   | 3             |
| Computer R1          | 1         | 2          | 1          | 2   | 1             |
| Common Room          | 2         | 4          | 4          | 10  | 4             |
| Pol Science R1       | 7         | 0          | 6          | 5   | 2             |
| Pol Science D        | 6         | 0          | 3          | 2   | 2             |
| Education D          | 0         | 1          | 1          | 2   | 1             |
| Education R1         | 0         | 5          | 3          | 5   | 0             |
| Old Building Varanda | 7         | 0          | 0          | 0   | 0             |
| New Building Varanda | 7         | 0          | 0          | 0   | 0             |
| Geography Dept       | 4         | 8          | 10         | 6   | 0             |
| Electronics Dept     | 0         | 2          | 2          | 1   | 1             |
| Electronics R1       | 0         | 1          | 1          | 2   | 0             |
| Electronics Lab      | 0         | 6          | 23         | 4   | 0             |
| AT 1 KK Handique     | 3         | 2          | 3          | 2   | 0             |
| AT 2                 | 9         | 6          | 6          | 12  | 0             |

|                         |     |    |    |     |    |
|-------------------------|-----|----|----|-----|----|
| AT 3                    | 8   | 6  | 6  | 11  | 0  |
| At Varanda              | 4   | 0  | 0  | 0   | 0  |
| Girls' common room      | 6   | 0  | 6  | 10  | 8  |
| Boys' common room       | 4   | 0  | 3  | 4   | 0  |
| C1                      | 2   | 2  | 1  | 3   | 0  |
| C3                      | 1   | 0  | 1  | 1   | 0  |
| C4                      | 0   | 2  | 1  | 3   | 0  |
| C8                      | 1   | 0  | 1  | 1   | 0  |
| C5                      | 2   | 0  | 2  | 3   | 0  |
| C6                      | 2   | 0  | 2  | 3   | 0  |
| C7                      | 2   | 0  | 3  | 3   | 0  |
| C9                      | 8   | 0  | 1  | 11  | 11 |
| C10                     | 0   | 3  | 1  | 4   | 4  |
| Comp Dept Old           | 1   | 0  | 3  | 2   | 1  |
| Comp Dept New           | 3   | 0  | 3  | 2   | 1  |
| Economics Dept          | 3   | 2  | 3  | 0   | 0  |
| Economics Varanda       | 2   | 0  | 0  | 0   | 0  |
| R D Dept                | 4   | 0  | 2  | 3   | 0  |
| Hall                    | 12  | 18 | 7  | 30  | 0  |
| Library                 | 76  | 1  | 80 | 20  | 20 |
| Chemistry Dept          | 0   | 3  | 9  | 5   | 2  |
| Chemistry Lab 1         | 10  | 3  | 19 | 7   | 2  |
| Chemistry Lab 2         | 0   | 8  | 5  | 7   | 4  |
| Chemistry Lab 3         | 10  | 3  | 12 | 4   | 2  |
| Zoology lab 1           | 3   | 3  | 2  | 2   | 2  |
| Zoology lab 2           | 12  | 4  | 2  | 4   | 4  |
| Zoology dept            | 2   | 2  | 2  | 2   | 1  |
| Zoology class room 1    | 2   | 2  | 1  | 2   | 2  |
| Zoology class room 2    | 2   | 2  | 1  | 2   | 2  |
| Botany office           | 4   | 5  | 10 | 3   | 0  |
| Botany corridor         | 4   | 0  | 7  | 0   | 0  |
| Botany Room M14         | 2   | 2  | 3  | 3   | 0  |
| Botany R1               | 2   | 2  | 4  | 3   | 0  |
| Botany R2               | 10  | 4  | 8  | 5   | 0  |
| Botany R3               | 2   | 1  | 2  | 2   | 0  |
| Botany R4               | 2   | 1  | 2  | 2   | 0  |
| Boys hostel             | 43  | 19 | 19 | 29  | 29 |
| Administrative Building | 16  | 14 | 50 | 14  | 10 |
| Indoor stadium          | 8   | 16 | 3  | 10  | 0  |
| Computer lab 2          | 6   | 0  | 41 | 3   | 3  |
| CC 1                    | 6   | 0  | 10 | 2   | 1  |
| CC2                     | 15  | 0  | 1  | 7   | 1  |
| Exam conduction         | 5   | 6  | 10 | 4   | 4  |
| Canteen                 | 6   | 4  | 9  | 7   | 7  |
| Girls' Hostel           | 121 | 53 | 77 | 105 | 0  |


### 3. Photographs

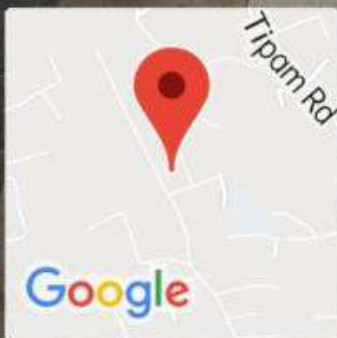




**Inverter Panel along with Battery Backup**



 GPS Map Camera



**Borbil Gaon No.2, Digboi, Assam, India**

Digboi College Main Building, Digboi, r Borbil

Gaon No.2, Assam 786171, India

Lat 27.399896°


Long 95.607991°

22/09/21 10:34 AM



## Solar LED Street Lights



 GPS Map Camera



**Borbil Gaon No.2, Assam, India**

Digboi College, Borbil Gaon No.2, Assam 786171,  
India

Lat 27.396955°

Long 95.606856°

29/11/21 10:48 AM

LED Tube light in class rooms



GPS Map Camera



**Borbil Gaon No.2, Digboi, Assam, India**

Digboi College Main Building, Digboi, r Borbil Gaon No.2, Assam  
786171, India

Lat 27.399896°

Long 95.607991°

29/11/21 10:54 AM

DG Set for power back up



GPS Map Camera



Borbil Gaon No.2, Assam, India

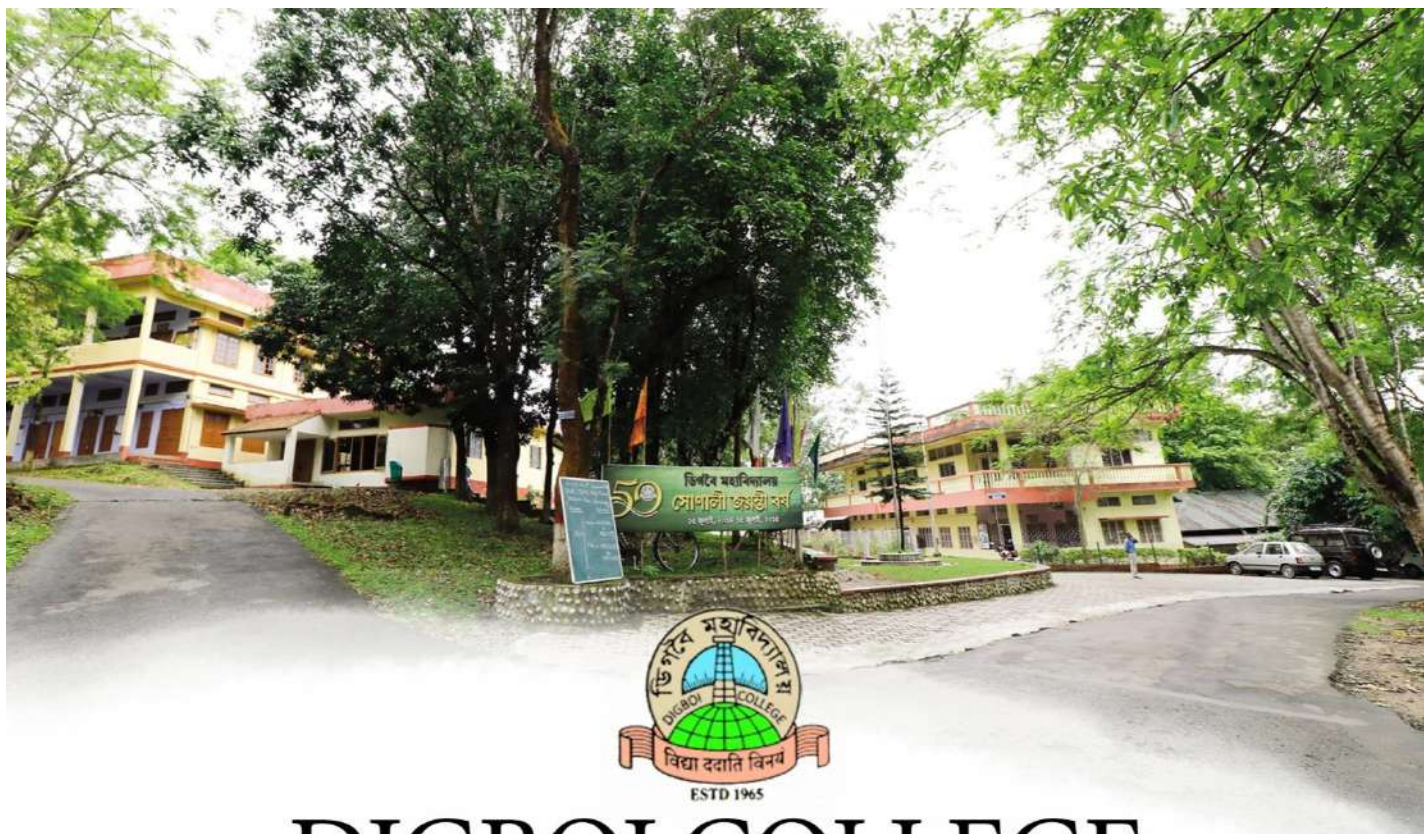
Digboi College, Borbil Gaon No.2, Assam 786171, India

Lat 27.396955°

Long 95.606856°

29/11/21 10:42 AM





# DIGBOI COLLEGE

ITAVATA, P.O. DIGBOI-786171 (ASSAM)

Third Cycle NAAC Accreditation

## CRITERIA- 7

### INSTITUTIONAL VALUES & BEST PRACTICES

#### 7.1.6. GREEN AUDIT REPORT

Submitted to



THE NATIONAL ASSESSMENT AND  
ACCREDITATION COUNCIL



# **GREEN AUDIT REPORT**

## **DIGBOI COLLEGE**



**Prepared by**  
**Green Audit Committee**  
**Digboi College**

**DIGBOI COLLEGE**  
**Green Auditing Committee**

| S.No. | Name                       | Designation  | Committee Role |
|-------|----------------------------|--|----------------|
| 1     | Dr. Dip Saikia             | Principal, Digboi College  | Chair Person   |
| 2     | Dr. Tilak Ch. Dutta        | Associate Professor,<br>Department of Botany, Digboi<br>College      | Coordinator    |
| 3     | Mr. Rajib Rudra<br>Tariang | Assistant Professor,<br>Department of Zoology,<br>Digboi College     | Member         |
| 4     | Dr. Deborshee Gogoi        | Assistant Professor,<br>Department of<br>Commerce, Digboi<br>College | Member         |
| 5     | Dr. Moni Kankana<br>Kalita | Assistant Professor,<br>Department of Zoology,<br>Digboi College     | Member         |

1. Dr. Dip Saikia

Principal  
DIGBOI COLLEGE

2. Dr. Tilak Ch. Dutta

3. Mr. Rajib Rudra Tariang

4. Dr. Deborshee Gogoi

5. Dr. Moni Kankana Kalita





Government of Assam  
Office of the Divisional Forest Officer  
Digboi Division: Digboi

Ph No. 03751-264433

E-mail: dfo@digboi@gmail.com

## Green Audit Certificate



*This is to certify that, Digboi College has conducted detailed Green Audit of their campus for the session 2020-2021 to assess the green initiatives and efforts implemented. The Green audit aims to monitor and evaluate the Green practices, towards building a sustainable eco friendly campus.*

*The activities carried out by the College are found satisfactory. The efforts taken by authority, faculties and students towards maintaining a green and ravishing campus is highly appreciated.*

Date: 18/12/2021

Place: Digboi

  
Divisional Forest Officer

Digboi Division, Digboi  
Divisional Forest Officer  
Digboi Division, Digboi  
Tinsukia, Assam

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## **Introduction**

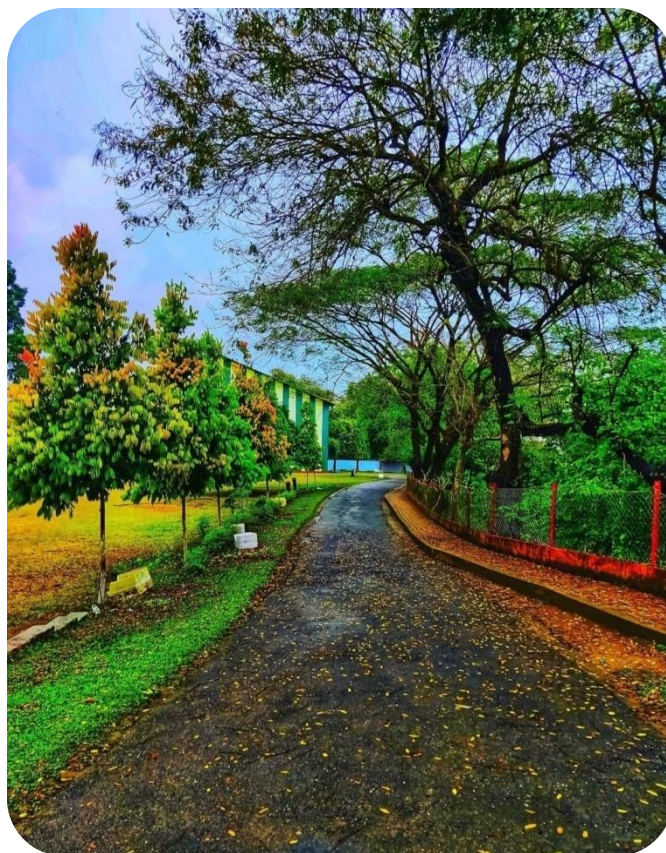
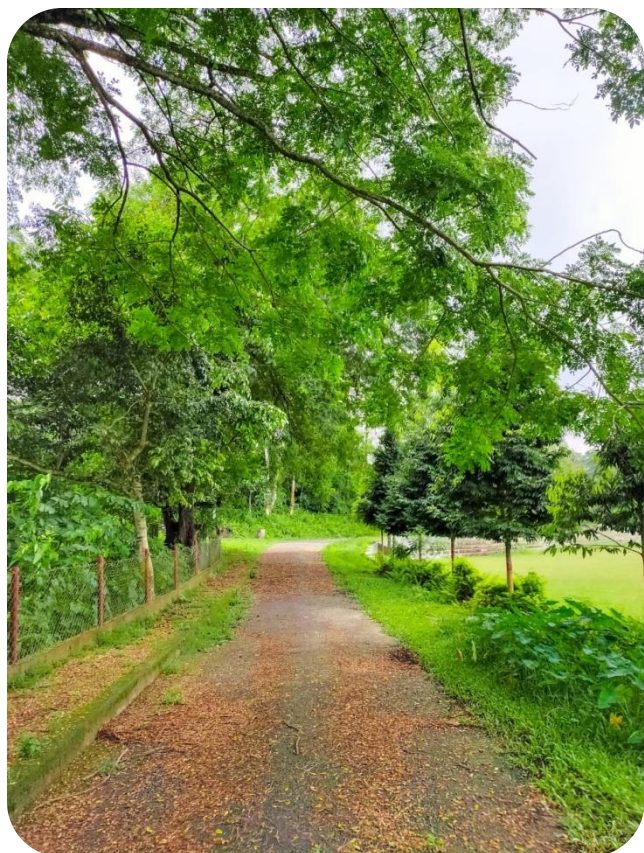
Geography of Digboi College: Digboi College is located in Tinsukia district, Assam. It lies in the north-eastern part of Assam, and 510 km east from the State capital city Guwahati. Digboi is located at 27°22'48.0"N 95°37'48.0"E. It has an average elevation of 165 metres (541 ft). Digboi experiences a sub-tropical monsoon type of climate, with the year being divided into 3 basic seasons namely - summer, monsoon and winter. The average annual rainfall of the place is around 120 inches.

Digboi College is situated at the belt of Dihing-Patkai National Park, Tinsukia, Assam. The college is bestowed with a naturally green campus with a huge diversity of flora and fauna. Digboi College is situated atop a hillock, just a few meters south of Digboi-Duliajan road. It has a sprawling campus of 25 acres of land endowed with exotic beauty of hills and lush green forests. The college campus has been naturally gifted with a rich bio-diversity, as it is included under the Indo-Burma Biodiversity Hotspot of North East India. The College boundary has touched the Upper Dihing Elephant Reserve of Assam.



### Target Areas of Green Audit

- **Green Campus:** The College is naturally gifted with a green campus and this greenery is maintained by the college. The scenic beauty of the college is so ravishing that it attracts different attract various faunal diversity including insects, birds, reptiles and small mammals. of the neighboring forest areas. The trees and shrubs surrounding the roads, administrative buildings, library building and the academic building provide a green environment to the college.

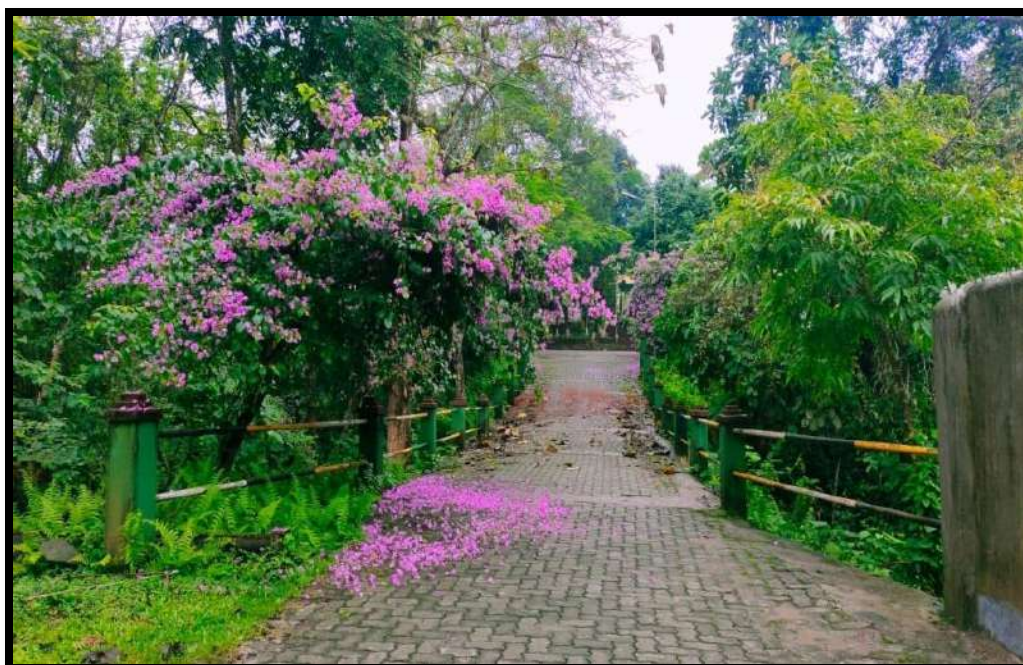


**Images: Entrance of College Campus**





**Image: Entrance of Commerce Block**

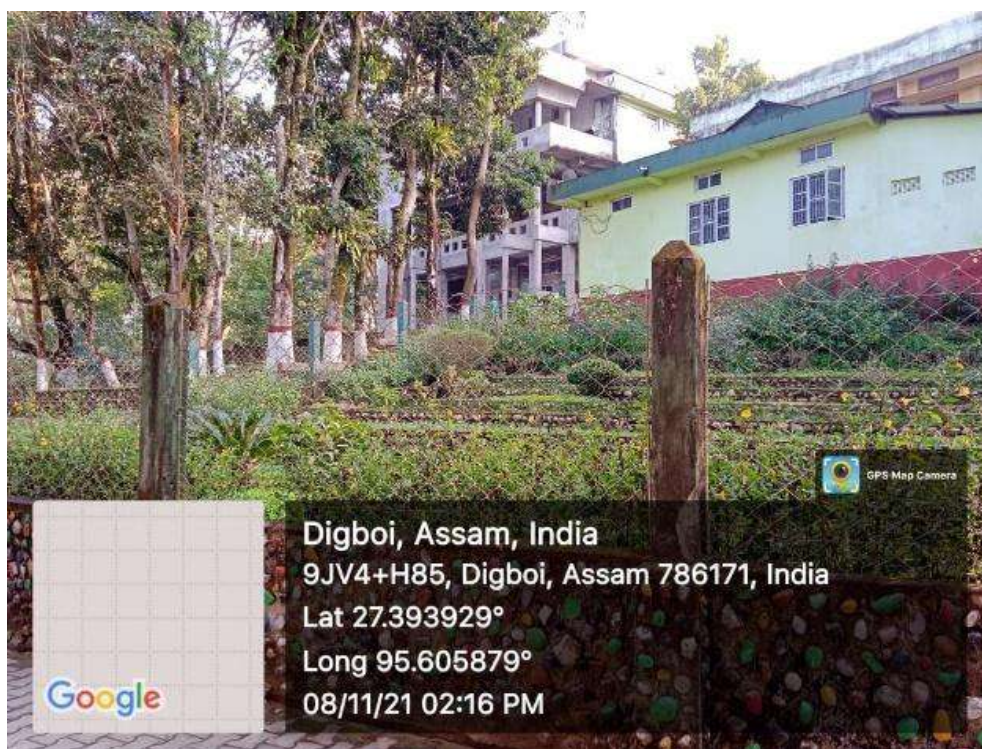


**Image: Road to Girls' Hostel**





**Image: The Canopy in front of administrative building**



**Image: The Science and Arts Block**

**Green Campus Initiatives:** The College has performed different activities like cleanliness drive, plantation programme, plantation clearing, plastic waste recycling under these programmes. Awareness campaign on sustainable development, plastic recycling, plastic free and biodiversity conservation are organized by NSS in collaboration with different bodies in regular manner. Display of environmental awareness board such as: no littering, plastic free campus etc. and different colour coded waste bins to segregate waste and easy collection is provided in all the blocks of the campus. The institution establishes a “Fruit Orchard” for the animals of nearby forests by planting the plants like guava, pineapple, orange etc. which attracts Barking deers and recently the giant one, Elephant too. The faculties and students are also encouraged to plant trees in the campus and for this Plantation drives are performed in Environment Day of every year. The college has also introduced the system of Planting a sapling by the students who take free admission and also they are responsible to take care of the saplings. However, the protection part of the saplings by fencing and all is maintained by college itself. The institution also in collaboration with NSS and other departments observe various days of environmental values like-

1. Earth Day,
2. World Environment Day,
3. World Wet land Day
4. Van Mahotsav
5. Big butterfly Month etc.

Apart from the observance of these programmes the college provides and eco friendly environment by practicing some measures, which include

1. Rain water harvesting and use of the water
2. Solid waste management by vermoposting
3. Biomedical and hazardous waste management by proper treatment and neutralization techniques
4. Use of solar panels and LED lights for reduced electricity consumption
5. Less use of Paper
6. Plastic free campus
7. Formation of Eco bricks from plastic wastes gathered by the students from different sources and making “Best out of waste”

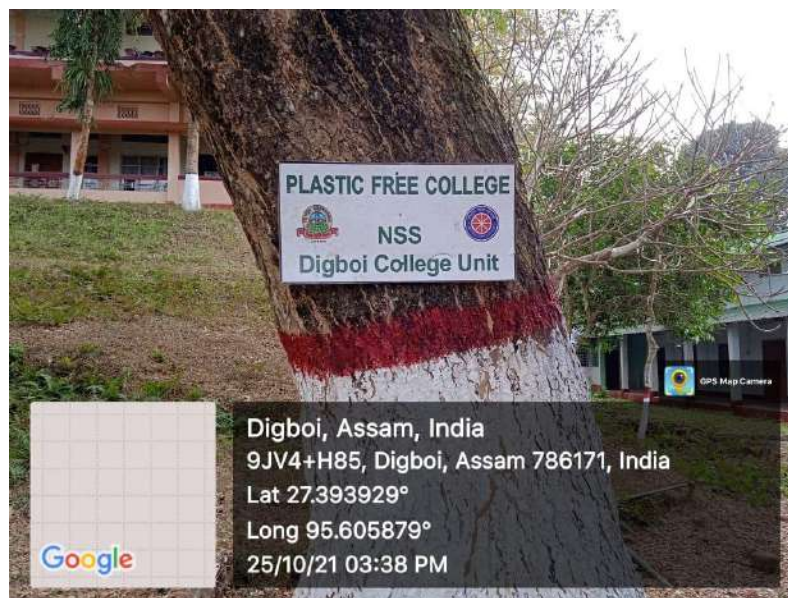


8. Extension and awareness activities in the adopted village Saraipung to make the village “Plastic free village”



**Images: Practice like Solar panels, LED lights, Vermicomposting unit and Rain water harvesting for Ecofriendly development**





**Images: Plastic free campus and Eco brick preparation from plastic wastes collected from students**

## Floral Diversity

Digboi College has an eco-friendly campus which is favoured by the topography, adequate rainfall and climatic conditions resulting in high species diversity in the campus. The rain forest belt provides a lush green campus with full canopy.

More than 80% area of the campus is green having different species including trees, shrubs, and herbs. The College also established the “Fruit Orchard” and Garden which encompasses the rich floral diversity of the campus comprising ethno medicinally important plant and medicinal plants too.

**Table: Check List of Floral diversity of Digboi College Campus**

| Sl | Assamese Name | English Name      | Botanical name                        | Family Name     |
|----|---------------|-------------------|---------------------------------------|-----------------|
| 1  | Amara         | Indian hogpalm    | <i>Sondias mangifera</i> Willd.       | Anocardiaceae   |
| 2  | Amita         | Papaya            | <i>Caricaaapa a</i> Linn.             | Caricaceae      |
| 3  | Arjun         | ArjunaMyrobalum   | <i>Terminalia arjuna</i> DC.          | Combretaceae    |
| 4  | Aparajita     | Butterfly pea     | <i>Cletoriaternatea</i> Linn.         | apilionaceae    |
| 5  | Agara         | Cockle-bur        | <i>Xanthium strumarium</i> Linn.      | Tiliaceae       |
| 6  | Agaru         | Eagle wood        | <i>Aquilariaagallocha</i> Roxb.       | Thymeleaceae    |
| 7  | Arahar        | Red gram          | <i>Cajanascajan</i> Linn.             | Papilionaceae   |
| 8  | Acacia        | Australian acacia | <i>Acacia moniliformis</i>            | Caesalpiniaceae |
| 9  | Aam           | Mango             | <i>Mangiferaindica</i> Linn.          | Anacardiaceae   |
| 10 | Ada           | Ginger            | <i>Zingiberofficinale</i>             | Zingiberaceae   |
| 11 | Aakan         | Giant milk weed   | <i>Calotropis gigantic</i> R.Br. Roxb | Asclepiadaceae  |
| 12 | Aajar         | Queen's flower    | <i>Lagerstromiaspeciosa</i>           | Lythaceae       |
| 13 | Aamada        |                   | <i>Curcuma amada</i> Roxb.            | Zingiberaceae   |
| 14 | Aamlakhi      | Emblicmyrobalam   | <i>Emblicaofficinalis</i> Linn.       | Euphorbiaceae   |
| 15 | Anarash       | Pine apple        | <i>Ananascomosus</i> Mirr.            | Bromeliaceae    |
| 16 | Elachi(Saru)  | Cardamom          | <i>Elettariacardamomum</i> Maton.     | Scitaminaceae   |
| 17 | Ara           | Castor            | <i>Ricinuscommunis</i> Linn.          | Euphorbiaceae   |
| 18 | Outanga       | Elephant apple    | <i>Dilleniaindica</i> Linn.           | Dilleniaceae    |
| 19 | Karash        | Indian beech      | <i>Pongamiapinnata</i> Pierra.        | Papilionaceae   |

|    |                   |                       |                                      |                |
|----|-------------------|-----------------------|--------------------------------------|----------------|
| 20 | Kol               | Banana                | <i>Musa Paradisiaca Linn.</i>        | Musaceae       |
| 21 | Kamala            | Orange                | <i>Citrus reticulate Blanco.</i>     | Rutaceae       |
| 22 | Kathal            | Jack fruit            | <i>Artocarpusheterophyllus Linn.</i> | Moraceae       |
| 23 | Kadam             | Kadam tree            | <i>AnthocephaluscodombaMiq.</i>      | Rubiaceae      |
| 24 | Kathana           | Indian Wild coffee    | <i>CoffeaBengalensis Wall.</i>       | Rubiaceae      |
| 25 | Kardoi            | Chinese gooseberry    | <i>Ayerrhoea carambola Linn.</i>     | Averrhoaceae   |
| 26 | Karabi            | Olean er              | <i>Nariumodorum Mill.</i>            | Apocyanaceae   |
| 27 | Kalmou            | Swamp cabbage         | <i>IpcmeareptansPoiv</i>             | Convolvulaceae |
| 28 | Simlu             | Simalu flower         | <i>Cammelina benghalensis Linn.</i>  | Commelinaceae  |
| 29 | Kapauphul         | Orchid                | <i>Rhynostylisretusa Linn.</i>       | Orchidaceae    |
| 30 | Katahibahga<br>na | Yellow berry          | <i>Solanumferox Linn.</i>            | Solanaceae     |
| 31 | Karphul           |                       | <i>Achasmaloroglossum Larsen.</i>    | Zingiberaceae  |
| 32 | Kanchan           | Orchid tree           | <i>Bauhinia Variegata Linn.</i>      | Caesalpiaceae  |
| 33 | Kajinemu          | Acid lime             | <i>Citrus aurantifolia Swing.</i>    | Rutaceae       |
| 34 | Kalmegh           | Halvia                | <i>Androgrophispeniculata Wall.</i>  | Acanthaceae    |
| 35 | Keturi            | West Indian Arrowroot | <i>Curcuma aromaticaSalisb.</i>      | Zingiberaceae  |
| 36 | Katasutara        | Amaranthus            | <i>Amarantusspinosus Linn.</i>       | Amaranthaceae  |
| 37 | Keheraj           |                       | <i>Eclipta alba Hasak</i>            | Asteraceae     |
| 38 | Kaupat            |                       | <i>Phryniumpubinerve 81.</i>         | Marantaceae    |
| 39 | Krishnasura       | Gulmohur              | <i>DelonixregiaRaf.</i>              | Caesalpiaceae  |
| 40 | Kharpat           |                       | <i>Cassia alata Linn.</i>            | Caesalpiaceae  |
| 41 | Khutara           |                       | <i>Amaranthusviridis Linn.</i>       | Amaranthaceae  |
| 42 | Gamari            | Gambhar               | <i>GomelinaarboreaRoxb.</i>          | Verbinaceae    |
| 43 | Gadhuligop<br>al  | Fourö clock plant     | <i>Mirabilis jalapa Linn.</i>        | Nyctaginaceae  |
| 44 | Gakhirati<br>ban  |                       | <i>Euphorbia hirta Linn.</i>         | Euphorbiaceae  |
| 45 | Gathion           |                       | <i>Kaempferia galangal Linn.</i>     | Zingiberaceae  |
| 46 | Golap             | Rose                  | <i>Rosa damascene Mill.</i>          | Rosaceae       |
| 47 | Golapijamu        | Rose apple            | <i>Syzygiumjambos Alston.</i>        | Myrtaceae      |
| 48 | Golnemu           | Lemon                 | <i>Citrus paradise Macf.</i>         | Rutaceae       |
| 49 | Gohora            |                       | <i>Premnabengalensis Cl.</i>         | Verbinaceae    |
| 50 | Gandhaliban       |                       | <i>Ageratum conyzoides Linn.</i>     | Asteraceae     |

|    |                    |                   |                                     |                |
|----|--------------------|-------------------|-------------------------------------|----------------|
| 51 | Gu-phul            |                   | <i>Lantana camera</i> Linn.         | Verbinaceae    |
| 52 | Gulanch            | Tample tree       | <i>Plumeria acuminate</i> Ait.      | Apocynaceae    |
| 53 | Ghoranim           | Persian lilac     | <i>Meliaazaderaccch</i> Linn.       | Meliaceae      |
| 54 | Chandan            | Red sanders       | <i>Adenanthera</i> Linn.            | Papilionaceae  |
| 55 | Chatiana           | Devil tree        | <i>Alstoniascholaris</i> R.Br.      | Apocynaceae    |
| 56 | Chagina            | Drum strick       | <i>Moringaoleifera</i> Lamk.        | Moringaceae    |
| 57 | Chah               | Tea               | <i>Camellia sinensis</i> Var.       | Theaceae       |
| 58 | Chitranela         | Chitranela        | <i>Cymbopogonwinterianus</i> Stapt. | Poaceae        |
| 59 | Chegun             | Teak              | <i>Techtonagrandis</i> Linn.        | Verbinaceae    |
| 60 | Chom               | Gamble            | <i>Perseabombycina</i> Kost.        | Lauraceae      |
| 61 | Silver oak         | Silver oak        | <i>Grevillearobusta</i> R.Br.       | Proteaceae     |
| 62 | Sorat              | Nettle            | <i>Laporteaacrenulata</i> Gaud.     | Urticaceae     |
| 63 | Chalkuwari         | Aloe vera         | <i>Aloe barbadensis</i> Mill.       | Liliaceae      |
| 64 | Sawa               | Toddy palm        | <i>Caryotaurens</i> Linn.           | Arecaceae      |
| 65 | Changmora          |                   | <i>Lariaspinosa</i> Thw.            | Araceae        |
| 66 | Jaba               | China rose        | <i>Hibiscus rosasinensis</i> Linn.  | Malvaceae      |
| 67 | Jari               | Java fig          | <i>Ficusbenjamina</i> Linn.         | Moraceae       |
| 68 | Jalfai             | Indian olive tree | <i>Elaeocurpusfloribundus</i> Bl.   | Tiliaceae      |
| 69 | Jara               |                   | <i>Citrus medica</i> Linn.          | Rutaceae       |
| 70 | Jamu               | Black palm        | <i>Syzygiumcumini</i> Linn.         | Myrtaceae      |
| 71 | Jarath             |                   | <i>Malotusphilippinensis</i> Lamk.  | Euphorbiaceae  |
| 72 | Jaluk              | Black pepper      | <i>Piper nigram</i> Linn.           | Piperaceae     |
| 73 | Jatulipoka         | Wield roseberry   | <i>Robusmoluccans</i> Linn.         | Rosaceae       |
| 74 | Jatuka             | Mehendi           | <i>Lausonia interims</i> Linn.      | Lythraceae     |
| 75 | Jamlakhuti         | Dragon's tree     | <i>Dracaena angustifolia</i>        | Liliaceae      |
| 76 | Jarmaniban .       |                   | <i>Eupatorium odoratum</i> Linn.    | Asteraceae     |
| 77 | Jilmil             | Chenopodium       | <i>Chenopodium album</i> Linn.      | Chenopodiaceae |
| 78 | Junuka             |                   | <i>Crotolaria pallid</i> Ait.       | Papilionaceae  |
| 79 | Takau              | Indian rupee tree | <i>Livistonajenkinsiana</i> Griff.  | Arecaceae      |
| 80 | Tikanibarow<br>al  |                   | <i>Byttneriagrandifolia</i> DC.     | Byttneriaceae  |
| 81 | Tubukilata         |                   | <i>Cissampelospareira</i> Linn.     | Menispermaceae |
| 82 | Tangachi(Sar<br>u) | Indian sorrel     | <i>Oxalis corniculata</i> Linn.     | Oxalidaceae    |
| 83 | Tangachi(Bo<br>r)  |                   | <i>Oxalis debilis</i> Lour.         | Oxalidaceae    |



|     |              |                                |                                     |                |
|-----|--------------|--------------------------------|-------------------------------------|----------------|
| 84  | Dalim        | Pomegranate                    | <i>Punicagrantum Linn.</i>          | Lythraceae     |
| 85  | Dalcheni     | Cinnamon                       | <i>Cinnamomumzylenicum Bl.</i>      | Lauraceae      |
| 86  | Damdauka     |                                | <i>Impatiens glanduliferaRoyle.</i> | Balsaminaceae  |
| 87  | Dimaru       | Indian ivy                     | <i>Ficuslepidosa Wall.</i>          | Moraceae       |
| 88  | Tagar        | Indian valerium                | <i>Gardenia florida Linn.</i>       | Rubiaceae      |
| 89  | Tara         | Wild cardamom                  | <i>AlpinianigraBurt.</i>            | Zingiberaceae  |
| 90  | Tamol        | Betel nut                      | <i>Areca catechu Linn.</i>          | Areaceae       |
| 91  | Tulasi(Kola) | Holy basil                     | <i>Ocimum sanctum Linn.</i>         | Lamiaceae      |
| 92  | Titaful      |                                | <i>Justiciaadhatoda Linn.</i>       | Acanthaceae    |
| 93  | Titavekuri   |                                | <i>SolanumviarumDunal.</i>          | Solanaceae     |
| 94  | Titasapa     | Micheliachampaca<br>Linn.      | <i>Micheliachampaca Linn.</i>       | Magnoliaceae   |
| 95  | Tezpat       | Cinnamomumtamala<br>Nees.      | <i>CinnamomumtamalaNees.</i>        | Lauraceae      |
| 96  | Tezmuri      | Caesalpiniaacucullata<br>Roxb. | <i>CaesalpiniaacucullataRoxb.</i>   | Caesalpinaceae |
| 97  | Debadaru     | PolyalthialongifoliaThw.       | <i>PolyalthialongifoliaThw.</i>     | Annonaceae     |
| 98  | Dupartenga   | BryophyllumpinnatumRoxb.       | <i>BryophyllumpinnatumRoxb.</i>     | Crassulaceae   |
| 99  | Dighlati     | Litsiasalicifolia<br>Hook.     | <i>Litsiasalicifolia Hook.</i>      | Lauraceae      |
| 100 | Dubariban    | Cynodondactylon<br>Pers.       | <i>Cynodondactylon Pers.</i>        | Poaceae        |
| 101 | Doron        | LeucasplukentiiSpreng.         | <i>LeucasplukentiiSpreng.</i>       | Lamiaceae      |
| 102 | Dhatura      | Datura metal Linn.             | <i>Datura metal Linn.</i>           | Solnacee       |
| 103 | Dhapattita   | Clerodendrumkaempferi<br>Jacq. | <i>Clerodendrumkaempferi Jacq.</i>  | Verbenaceae    |
| 104 | Nal          |                                | <i>Arundadonax Linn.</i>            | Poaceae        |
| 105 | Nayantara    | Periwinkle                     | <i>CatharanthusroseusG.Don.</i>     | Apocynaceae    |
| 106 | Narasingha   | Curry leaf plant               | <i>Murryakoenigii Linn.</i>         | Rutaceae       |
| 107 | Narabagari   |                                | <i>Pyruscommunis Linn.</i>          | Rosaceae       |
| 108 | Nahar        | Iron wood tree                 | <i>Mesuaferrea Linn.</i>            | Clusiaceae     |
| 109 | Nilajiban    | Sensitive plant                | <i>Mimosa pudica Linn.</i>          | Mimosaceae     |
| 110 | Nuni         | Mulberry                       | <i>Morus alba Linn.</i>             | Moraceae       |
| 111 | Nephafu      |                                | <i>Clerodendrumcoleobrukianum</i>   | Verbinaceae    |
| 112 | Nargi        | Marigold                       | <i>Portulaka grandiflora Hook.</i>  | Portulacaceae  |



|     |                   |                      |                                      |                  |
|-----|-------------------|----------------------|--------------------------------------|------------------|
| 113 | Nagfana           | Cycus                | <i>Cycuspectinata</i> Griff.         | Cycadaceae       |
| 114 | Nangalbhang<br>ga |                      | <i>Clerodendrum serratum</i> Spreng. | Verbinaceae      |
| 115 | Padina            | Mint marsh           | <i>Mentha arvensis</i> Linn.         | Lamiaceae        |
| 116 | Pachatia          | Indian privet        | <i>Vitex negundo</i> Linn.           | Verbinaceae      |
| 117 | Palash            | Forest flame         | <i>Butea monosperma</i> Taub.        | Papilionaceae    |
| 118 | Pakmou            |                      | <i>Physalis minima</i> Linn.         | Solanaceae       |
| 119 | Paniol            |                      | <i>Flacourtiacataphracta</i> Roxb.   | Flacourtiaceae   |
| 120 | Pan               | Betel leaf           | <i>Piper betel</i> Linn.             | Piperaceae       |
| 121 | Parijat           | Indian shot          | <i>Canna indica</i> Linn.            | Cannaceae        |
| 122 | Poroja            |                      | <i>Ehretia acuminata</i> R.Br.       | Ehretiaceae      |
| 123 | Panounwa          |                      | <i>Peperomia pellucida</i> Linn.     | Piperaceae       |
| 124 | Piralipaleng      |                      | <i>Atriplex hortensis</i> Linn.      | Chnopodiace      |
| 125 | Puroi             | Indin spinach        | <i>Basella alba</i> Linn.            | Chenopodiaceae   |
| 126 | Phutkala          | Kalampatti           | <i>Melastomamal bathricum</i> Linn.  | Melastomaceae    |
| 127 | Bakul             | Indian moder         | <i>Mimusops elengi</i> Roxb.         | Sapotaceae       |
| 128 | Bagari            | Indian juzube        | <i>Zizyphus mauritiana</i> Lamk.     | Rhamnaceae       |
| 129 | Bash              | Sweetflag            | <i>Acorus calamus</i> Linn.          | Araceae          |
| 130 | Bahat             | Monkey jack          | <i>Artocarpus lacucha</i> Buch-Ham.  | Moraceae         |
| 131 | Borhamthuri       |                      | <i>Magnolia hodgsonii</i> King.      | Magnoliaceae     |
| 132 | Barun             | Three leaved copper  | <i>Crataeva religiosa</i> Forst.f.   | Capparidaceae    |
| 133 | Batal brush       | Bottle brush         | <i>Callistemon citrinus</i> Stapff.  | Myrtaceae        |
| 134 | Bangaliara        | Angular leaved plant | <i>Jatropha curcus</i> Linn.         | Euphorbiaceae    |
| 135 | Bagijamu          | Rose apple           | <i>Syzygium kurzii</i> Balak.        | Myrtaceae        |
| 136 | Banjaluk          |                      | <i>Hedyotis diffusa</i> Willd.       | Rubiaceae        |
| 137 | Bantulashi        |                      | <i>Ocimum americanum</i> Linn.       | Lemiaceae        |
| 138 | Babasaban         |                      | <i>Eleusine indica</i> Gaertn.       | Poaceae .        |
| 139 | Borpat            |                      | <i>Ailanthus integrifolia</i> Lamk   | Simaroubaceae    |
| 140 | BoAalmou          | Malabar nut          | <i>Ipomea carnea</i> Var.            | Convolvulaceae   |
| 141 | Bosabahak         | Indian pennywort     | <i>Adhatodavasisca</i> Nees.         | Acanthaceae      |
| 142 | Brahmi            |                      | <i>Bacopa monnieri</i> Linn.         | Scrophulariaceae |
| 143 | Bihlongani        | Wood apple           | <i>Polygonum hydropiper</i> Linn.    | Poligonaceae     |
| 144 | Bel               | Cane                 | <i>Aegle marmalos</i> Roxb.          | Rutaceae         |
| 145 | Bet               | Tree heliotropy      | <i>Calamus tenuis</i> Linn.          | Arecaceae        |
| 146 | Bowal             |                      | <i>Ehretia acuminata</i>             | Verbinace        |

|     |              |                      |   |                  |
|-----|--------------|----------------------|---|------------------|
| 147 | Bionisabota  |                      | <i>Desmodiumcaudatum DC.</i>                  | Papilionaceae    |
| 148 | Sahpotia ban | Indian hemp          | <i>OphiuromegaphylluStapf.</i>                | Poaceae          |
| 149 | Shang        | Indian trumpet       | <i>Cannabis sativa Linn.</i>                  | Cannabaceae      |
| 150 | Bhatghilla   |                      | <i>OroxylumindicumVént</i>                    | Bigoniaceae      |
| 151 | Bhatkaralla  |                      | <i>Momordicadioica</i>                        | Cucurbitaceae    |
| 152 | Bhatauphull  |                      | <i>PapilionantheteresRoxb.</i>                | Orchidaceae      |
| 153 | Bhuichampa   |                      | <i>Kaempferia rotunda Linn.</i>               | Orchidaceae      |
| 154 | Bhuiamlakhi  |                      | <i>Phylanthusurinari Web.</i>                 | Zingiberaceae    |
| 155 | Bhuiamlakhi  |                      | <i>Phylanthusurinari Web.</i>                 |                  |
| 156 | Bhomora      | Belaricmyrobalon     | <i>Terminalia belericaRoxb.</i>               | Combretaceae     |
| 157 | Bhol         |                      | <i>tuffa cylindrical Linn.</i>                | Cucurbitaceae    |
| 158 | Bhutmulla    |                      | <i>Cleome gynandra Linn.</i>                  | Cleomaceae       |
| 159 | Bhekuri      |                      | <i>SolanumviarumDunal.</i>                    | Solanaceae       |
| 160 | Bhedaitata   | Chinese flower plant | <i>Paederiafoetida Linn.</i>                  | Rubiaceae        |
| 162 | Bhimkal      | Banana               | <i>Musa balbisianaColla.</i>                  | Musaceae         |
| 163 | Bhotjalakia  |                      | <i>Capsicum grossum Linn-</i>                 | Solanaceae       |
| 164 | Mader        | Indian coral tree    | <i>ErithrinaindicaLamk-</i>                   | Papilionaceae    |
| 165 | Monisal      | Soap nut             | <i>SapindusmukorosiiGaertn-</i>               | Sapindaeae       |
| 166 | Moz          |                      | <i>PithecellobiummonadelphumKost<br/>erm.</i> | Mimosaceae       |
| 167 | Mahaneem     | Margossa tree        | <i>Azadiractaindica A-Juss-</i>               | Meliaceae        |
| 168 | Masandari    |                      | <i>HonyttiniacordataThunb.</i>                | Saururaceae      |
| 169 | Madhurium    | Guava                | <i>Psidium guava Linn.</i>                    | Myrtaceae        |
| 170 | Maralia      |                      | <i>Stellaria media VIII.</i>                  | Carryophyllaceae |
| 171 | Madhusoleng  |                      | <i>PolygonummicrocephalumD.Don</i><br>.       | Polygonaceae     |
| 172 | Makhiyati    |                      | <i>Flemingiastrobilifera Linn.</i>            | Papilionaceae    |
| 173 | Matikaduri   |                      | <i>Alternantherasessilis Linn.</i>            | Amaranthaceae    |
| 174 | Mandhanian   | Pink cedar           | <i>Eryngiumfoetidum Linn.</i>                 | Umbelliferae     |
| 175 | Manimuni     | Indian pannywort     | <i>Centellaasiatica Linn.</i>                 | Umbelliferae     |
| 176 | Malatiphul   | Sun plant            | <i>Portulaca grandiflora Hoolc</i>            | Carryophyllaceae |
| 177 | Matbhug      | Common purselane     | <i>Portulacaoleracea Linn.</i>                | Carryophyllaceae |
| 178 | Mahi thekara |                      | <i>CarraliabrachiataMerr.</i>                 | Rhizophoraceae   |

|     |                   |                  |                                     |                  |
|-----|-------------------|------------------|-------------------------------------|------------------|
| 179 | Mithaalu          | Sweet potato     | <i>IpomeabatatusLamk.</i>           | Convolvulaceae   |
| 180 | Maralia           |                  | <i>Stellaria media VIII.</i>        | Carryophyllaceae |
| 181 | Mateka            | Water hyacinth   | <i>EichhorniacrassipesSolms.</i>    | Pontederiaceae   |
| 182 | Madeluwa          |                  | <i>Cassia sophera Linn-</i>         | Caesalpiniaceae  |
| 183 | Rabar             | Para rubber tree | <i>HeveabrasiltiensisMuell-Arg.</i> | Moraceae         |
| 184 | Raghu             |                  | <i>AnthocephaluscadambaMiq-</i>     | Rubiaceae        |
| 185 | Raghumana         |                  | <i>CuscutareflexaRoxb.</i>          | Cuscutaceae      |
| 186 | Ranga             |                  | <i>Pterocurpussantalinus Linn.</i>  | Papilionaceae    |
| 187 | Rangakarabi       |                  | <i>Neriumindicum Mill-</i>          | Apocynaceae      |
| 188 | Ranglal phul      | Ixora            | <i>IxoracocclniaRoxb,</i>           | Rubiaceae        |
| 189 | Rabab tenga       | Pomelo           | <i>Citrus graaandddis Osbeck.</i>   | Rutaceae         |
| 190 | Ram tulsi         |                  | <i>Osimum basilicum linn.</i>       | Lamiaceae        |
| 191 | Radhachura        |                  | <i>Caesalpiniapulcherima Linn.</i>  | Caesalpiniaceae  |
| 192 | Riha              | Ramie            | <i>Boehmeria nivea Hook.</i>        | Urticaceae       |
| 193 | Rudrakhya         |                  | <i>ElaeocarpuissphaericusGertn.</i> | Elaeocaraceae    |
| 194 | Rupahithekar<br>a |                  | <i>Garcinia lanceaefolia Roxb.</i>  | Clusiaceae       |
| 195 | Rahdoi            |                  | <i>Averrhoacarambula Linn.</i>      | Averrhoaceae.    |
| 196 | Lan               | Luvunga          | <i>SyzyiumaromaticumMerr.</i>       | Myrtaceae        |
| 197 | Laijabari         |                  | <i>DrymariaacordataWilld.</i>       | Carryophyllaceae |
| 198 | Lashkochi         |                  | <i>Solanumnigram Linn.</i>          | Solanaeae        |
| 199 | Lichu             |                  | <i>Litchi chinensisSonner.</i>      | Sapindaceae      |
| 200 | Lata golap        |                  | <i>Rosa multiflora Thunbe</i>       | Rosaceae         |
| 201 | Lataguti          |                  | <i>CaesalpiniabonducRoxb.</i>       | Caesalpiniaceae  |
| 202 | Lateku            |                  | <i>BaccaurearemifloraLour.</i>      | Euphorbiaceae    |
| 203 | Laheti bon        |                  | <i>HydroleazeylanicaVahl.</i>       | Hydrophyllaceae  |
| 204 | Sagunilata        |                  | <i>Tinosporacordifolia Hook.</i>    | Menispermaceae   |
| 205 | Satmul            | Asparagus        | <i>Asparagus recemosusWilld.</i>    | Liliaceae        |
| 206 | San kher          |                  | <i>Imperata cylindrical Linn.</i>   | Poaceae          |
| 207 | Simalu            |                  | <i>Bombaxceiba Linn.</i>            | Bombacaceae      |
| 208 | Simalualu         |                  | <i>MonihotesculentaCrantz.</i>      | Euphorbiaceae    |
| 209 | Sirish            | Rain tree        | <i>SamaneasamanMerr.</i>            | Mimosaceae       |

|     |                    |                   |                                       |                  |
|-----|--------------------|-------------------|---------------------------------------|------------------|
| 210 | Sishu              |                   | <i>DalbergiasisooRoxb.</i>            | Papilionaceae    |
| 211 | Silikha            |                   | <i>Terminalia chebula Retz.</i>       | Combretaceae     |
| 212 | Sialkata           |                   | <i>Argemone Mexicana Linn.</i>        | Papaveraceae     |
| 213 | Suklati            |                   | <i>PogostemonbengalensisBurm.</i>     | Lamiaceae        |
| 214 | Sewali             | Night jasmine     | <i>Nyctanthus arbor-tristis Linn.</i> | Oleaceae         |
| 215 | Sowalu             |                   | <i>Litsea monopetala Roxb.</i>        | Lauraceae        |
| 216 | Sachi              |                   | <i>Aquilaria agalocha Roxb.</i>       | Thymeleaceae     |
| 217 | Sagarphena         | Prickly pear      | <i>Opuntia dillenii</i>               | Cactaceae        |
| 218 | Siju               | Common milk hedge | <i>Euphorbia nerifolia Linn.</i>      | Euphorbiaceae    |
| 219 | Sonaru             | Pudding pipe tree | <i>Cassia fistula Linn.</i>           | Caesalpiniaceae  |
| 220 | Sariyah            | Mustard           | <i>Brassicacampestris Linn</i>        | Brassicaceae     |
| 221 | Sombariyal         | Country mellow    | <i>Sidacardifolia</i>                 | Malvaceae        |
| 222 | Sarumanimu<br>ni   |                   | <i>Hydrocotyl rotundifolia DC.</i>    | Apiaceae         |
| 223 | Sendur gash        |                   | <i>Bixa orellana Linn.</i>            | Bixaceae         |
| 224 | Sauka bet          | Cane              | <i>Calamus numberiensis Linn.</i>     | Arecaceae        |
| 225 | Saura gash         | Grewia            | <i>Grewia spida Roxb.</i>             | Tiliaceae        |
| 226 | Sarpagondha        |                   | <i>Rauwolfia serpentina Benth.</i>    | Apocynaceae      |
| 227 | Sonali bah         |                   | <i>Bambusa vulgaris Var.</i>          | Poaceae          |
| 228 | Holong             |                   | <i>Dipterocarpus mannii Knjilal.</i>  | Dipterocarpaceae |
| 229 | Haladhi            | Termaric          | <i>Curcuma longa</i>                  | Scitamineae      |
| 230 | Haladhiakar<br>abi |                   | <i>Cascabela thevetia Lippold.</i>    | Apocynaceae      |
| 231 | Hativekuri         |                   | <i>Solanum torvum Sw. Prodr.</i>      | Solanaceae       |
| 232 | Harjoralata        |                   | <i>Vitis quadrangularis Wall.</i>     | Vitaceae         |
| 233 | Hikatimah          |                   | <i>Uraria rufescens DC.</i>           | Papilionaceae    |
| 234 | Helash             |                   | <i>Antidesma ghaesembilla Gaertn.</i> | Euphorbiaceae    |

**Faunal Diversity:**

The college is bestowed with a complimentary location, surrounding environment as well as great floral diversity which ensure a rich faunal diversity to the college. The different species of insects, amphibians, reptiles, birds and mammals contributed to the diversity of fauna in the campus and plays an important role in the ecosystem. The college faunal diversity is prosperous with nearly 33 species of odonates, 258 species of Butterflies, 13 species of Amphibia, 13 species of lizards, 34 species of snakes, 198 species of birds and 30 species of mammals.



**Table: Check List of Odonates of Digboi College Campus**

| Sl. No. | Common Name                 | Scientific Name                   |
|---------|-----------------------------|-----------------------------------|
| 1       | Shivalik Clubtail           | <i>Anisogomphus occipitalis</i>   |
| 2       | Common Clubtail             | <i>Ictinogomphus rapax</i>        |
| 3       | Ganga Clawtail              | <i>Onychogomphus risi</i>         |
| 4       | Common Hooktail             | <i>Paragomphus lineatus</i>       |
| 5       | Rusty Darner                | <i>Anaciaeschna jaspidea</i>      |
| 6       | Fulvous Forest Skimmer      | <i>Neurothemis fulva</i>          |
| 7       | Asiatic Blood Tail          | <i>Lathrecista asiatica</i>       |
| 8       | Trumpet Tail                | <i>Acisoma panorpoides</i>        |
| 9       | Scarlet Marsh Hawk          | <i>Aethriamanta brevipennis</i>   |
| 10      | Little Blue Marsh Hawk      | <i>Brachydilax sobrina</i>        |
| 11      | Ruddy Marsh Skimmer         | <i>Crocothemis servilla</i>       |
| 12      | Ruddy Meadow Skimmer        | <i>Neurothemis intermedia</i>     |
| 13      | Ground Skimmer              | <i>Diplacodes trivialis</i>       |
| 14      | Pied Paddy Skimmer          | <i>Neurothemis tullia</i>         |
| 15      | Brown-backed Red Marsh Hawk | <i>Orthetrum chrysis</i>          |
| 16      | Blue Marsh Hawk             | <i>Orthetrum glaucum</i>          |
| 17      | Green Marsh Hawk            | <i>Orthetrum sabina</i>           |
| 18      | Blue-Tailed Forest Hawk     | <i>Orthetrum triangulare</i>      |
| 19      | Crimson-tailed Marsh Hawk   | <i>Orthetrum pruinsum</i>         |
| 20      | Blue-tailed Yellow Skimmer  | <i>Palpoleura sexmaculata</i>     |
| 21      | Wandering Glider            | <i>Pantala flavescens</i>         |
| 22      | Rufous Marsh Glider         | <i>Rhodothemis rufa</i>           |
| 23      | Common Picture Wing         | <i>Rhyothemis variegata</i>       |
| 24      | Crimson Marsh Glider        | <i>Trithemis aurora</i>           |
| 25      | Coral-Tailed Cloud Wing     | <i>Tholymis tillarga</i>          |
| 26      | Crimson Marsh Glider        | <i>Trithemis aurora</i>           |
| 27      | Stream Glory                | <i>Neurobasis chinensis</i>       |
| 28      | Northern White Darlet       | <i>Agriocnemis lacteola</i>       |
| 29      | Pigmy Dartlet               | <i>Agriocnemis pygmaea</i>        |
| 30      | Black Marsh Dart            | <i>Onychargia atrocyana</i>       |
| 31      | Coromandel Marsh Dart       | <i>Ceriagrion coromandelianum</i> |
| 32      | Rusty Marsh Dart            | <i>Ceriagrion olivaceum</i>       |
| 33      | Blue Grass Dartlet          | <i>Pseudagrion microcephalum</i>  |

**Table: Check list of Amphibians of Digboi College Campus**

| <b>Sl.No.</b> | <b>Common Name</b>          | <b>Scientific Name</b>            | <b>IUCN Status</b> | <b>IWLPA</b> |
|---------------|-----------------------------|-----------------------------------|--------------------|--------------|
| 1             | Common toad                 | <i>Duttaphrynus melanostictus</i> | LC                 | None         |
| 2             | Marbled toad                | <i>Duttaphrynus stomaticus</i>    | LC                 | None         |
| 3             | Indian Hylid Frog           | <i>Hyla annectans</i>             | LC                 | None         |
| 4             | Two-striped Pigmy Tree Frog | <i>Chiromantis vittatus</i>       | LC                 | None         |
| 5             | Himalayan tree frog         | <i>Polypedates himalayaensis</i>  | LC                 | None         |
| 6             | Common Tree Frog            | <i>Polypedates teraiensis</i>     | LC                 | None         |
| 7             | Twin spotted tree frog      | <i>Rhacophorus bipunctatus</i>    | LC                 | None         |
| 8             | Green tree frog             | <i>Rhacophorus maximus</i>        | LC                 | None         |
| 9             | Indian Bull frog            | <i>Hoplobatrachus tigerinus</i>   | LC                 | None         |
| 10            | Common water frog           | <i>Euphlyctis cyanophlyctis</i>   | LC                 | None         |
| 11            | Pierre's Cricket frog       | <i>Fejervarya pierrei</i>         | LC                 | None         |
| 12            | Taipeh Frog                 | <i>Hylarana taipehensis</i>       | LC                 | None         |
| 13            | Bhamo Frog                  | <i>Humerana humeralis</i>         | LC                 | None         |

**Table: Check List of Lizards of Digboi College Campus**

| <b>Sl. No.</b> | <b>Common Name</b>            | <b>Scientific Name</b>           | <b>IUCN Status</b> | <b>IWLPA</b> |
|----------------|-------------------------------|----------------------------------|--------------------|--------------|
| 1              | Brook's House Gecko           | <i>Hemidactylus brookii</i>      | LC                 | Sch-IV       |
| 2              | Asian House Gecko             | <i>Hemidactylus frenatus</i>     | LC                 | Sch-IV       |
| 3              | Flat- tailed Gecko            | <i>Hemidactylus platyrus</i>     | LC                 | Sch-IV       |
| 4              | Yellow-green House Gecko      | <i>Hemidactylus flaviviridis</i> | LC                 | Sch-IV       |
| 5              | Indo-Pacific Gecko/ Fox Gecko | <i>Hemidactylus garnotii</i>     | LC                 | Sch-IV       |
| 6              | Indian Garden lizard          | <i>Calotes versicolour</i>       | LC                 | Sch-IV       |
| 7              | Jerdon's Forest lizard        | <i>Calotes jerdoni</i>           | LC                 | Sch-IV       |
| 8              | Forest Garden Lizard          | <i>Calotes emma</i>              | LC                 | Sch-IV       |
| 9              | Blue –Throated lizard         | <i>Ptyclolaemus gularis</i>      | LC                 | Sch-IV       |
| 10             | Many Lined Grass Skink        | <i>Eutropis multifasciata</i>    | LC                 | Sch-IV       |
| 11             | Bronze Grass Skink            | <i>Eutropis macularia</i>        | LC                 | Sch-IV       |
| 12             | Spotted Litter skink          | <i>Sphenomorphus maculatus</i>   | LC                 | Sch-IV       |
| 13             | Bengal Monitor                | <i>Varanus bengalensis</i>       | NT                 | Sch-I        |

**Table: Check List of Snakes of Digboi College campus**

| Sl.No. | Common Name                        | Scientific Name                    | IUCN Status | IWLPA  |
|--------|------------------------------------|------------------------------------|-------------|--------|
| 1      | Brahminy Worm Snake                | <i>Indotyphlops braminus</i>       | LC          | Sch-IV |
| 2      | Diard's Worm Snake                 | <i>Argyrophis diardii</i>          | LC          | Sch-IV |
| 3      | Burmese Python                     | <i>Python molurus bivittatus</i>   | VL          | Sch-I  |
| 4      | Copper Headed Trinket Snake        | <i>Coelognathus radiatus</i>       | LC          | Sch-IV |
| 5      | Banded Trinket Snake               | <i>Oreocryptophis porphyraceus</i> | LC          | Sch-IV |
| 6      | Collared Black-headed Snake        | <i>Sibynophis collaris</i>         | LC          | Sch-IV |
| 7      | Indo-Chinese Rat Snake             | <i>Ptyas korros</i>                | NT          | Sch-IV |
| 8      | Indian Rat Snake                   | <i>Ptyas mucosa</i>                | LC          | Sch-IV |
| 9      | White-barred Khukri Snake          | <i>Oligodon albocinctus</i>        | LC          | Sch-IV |
| 10     | Painted Bronze-back Tree Snake     | <i>Dendrelaphis pictus</i>         | LC          | Sch-IV |
| 11     | Ornate Flying Snake                | <i>Chrysopelea ornata</i> *        | LC          | Sch-IV |
| 12     | White-banded Wolf Snake            | <i>Dinodon septentrionalis</i>     | LC          | Sch-IV |
| 13     | Yellow-speckled Wolf Snake         | <i>Lycodon jara</i>                | LC          | Sch-IV |
| 14     | Common Wolf Snake                  | <i>Lycodon aulicus</i>             | LC          | Sch-IV |
| 15     | Banded Wolf Snake                  | <i>Lycodon fasciatus</i>           | LC          | Sch-IV |
| 16     | Zaw's Wolf Snake                   | <i>Lycodon zawi</i>                | LC          | Sch-IV |
| 17     | Assam Snail Eater                  | <i>Poreas monticolus</i>           | LC          | Sch-IV |
| 18     | Striped Keelback                   | <i>Amphiesma stolatum</i>          | LC          | Sch-IV |
| 19     | Checkered Keelback Water Snake     | <i>Fowlea piscator</i>             | LC          | Sch-II |
| 20     | Orange-Collared Himalayan Keelback | <i>Rhabdophis himalayanus</i> *    | LC          | Sch-IV |
| 21     | Red -necked Keelback               | <i>Rhabdophis subminiatus</i> *    | LC          | Sch-IV |
| 22     | Long-nosed Whip Snake              | <i>Ahaetulla nasuta</i> *          | LC          | Sch-IV |

|    |                           |   |    |        |
|----|---------------------------|---|----|--------|
| 23 | Eastern Cat Snake         | <i>Boiga gokool</i> *                     | LC | Sch-IV |
| 24 | Large-spotted Cat Snake   | <i>Boiga multomaculata</i> *              | LC | Sch-IV |
| 25 | Common Indian Cat Snake   | <i>Boiga trigonata</i> *                  | LC | Sch-IV |
| 26 | Assam Cat Snake           | <i>Boiga quincunciata</i> *               | LC | Sch-IV |
| 27 | Thai Cat Snake            | <i>Boiga siamensis</i> *                  | LC | Sch-IV |
| 28 | Common Mock Viper         | <i>Psammodynastes<br/>pulverulentus</i> * | LC | Sch-IV |
| 29 | King Cobra                | <i>Ophiophagus hannah</i> **              | VL | Sch-II |
| 30 | Monocled Cobra            | <i>Naja kaouthia</i> **                   | LC | Sch-II |
| 31 | MacClelland's Coral Snake | <i>Sinomicrurus<br/>macclellandii</i> **  | LC | Sch-IV |
| 32 | Banded Krait              | <i>Bungarus fasciatus</i> **              | LC | Sch-IV |
| 33 | Greater Black Krait       | <i>Bungarus niger</i> **                  | LC | Sch-IV |
| 34 | White Lipped Pit Viper    | <i>Cryptelytrops albolabris</i> **        | LC | Sch-IV |

Note: \* Indicates Midly-Venomous, \*\* Indicates Venomous



**Table: Check List of Mammals of Digboi College Campus**

| <b>Sl. No.</b> | <b>Common English Name</b>          | <b>Scientific Name</b>                 | <b>IUCN Status</b> | <b>IWLPA</b> |
|----------------|-------------------------------------|--|--------------------|--------------|
| 1              | Rhesus Macaque                      | <i>Macaca mulata</i>                   | LC                 | Sch-II       |
| 2              | Capped Langur                       | <i>Trachypithecus pileatus</i>         | VL                 | Sch-I        |
| 3              | Assamese Macaque                    | <i>Macaca assamensis</i>               | NT                 | Sch-IV       |
| 4              | Indian Muntjac                      | <i>Muntiacus muntjak</i>               | LC                 | Sch-II       |
| 5              | Wild Pig                            | <i>Sus scrofa</i>                      | LC                 | Sch-II       |
| 6              | Asian Elephant                      | <i>Elephas maximus</i>                 | EN                 | Sch-I        |
| 7              | Jackal                              | <i>Canis aureus</i>                    | LC                 | Sch-II       |
| 8              | Common Leopard                      | <i>Panthera pardus</i>                 | VL                 | Sch-IV       |
| 9              | Jungle Cat                          | <i>Felis chaus</i>                     | LC                 | Sch-II       |
| 10             | Leopard Cat                         | <i>Prionailurus bengalensis</i>        | LC                 | Sch-I        |
| 11             | Fishing Cat                         | <i>Prionailurus viverrinus</i>         | LC                 | Sch-IV       |
| 12             | Small Indian Civet                  | <i>Viverricula indica</i>              | LC                 | Sch-II       |
| 13             | Large Indian Civet                  | <i>Viverra zibetha</i>                 | LC                 | Sch-II       |
| 14             | Common Palm Civet                   | <i>Paradoxurus jerdoni</i>             | LC                 | Sch-II       |
| 15             | Grey Mongooses                      | <i>Herpestes edwardsii</i>             | LC                 | Sch-II       |
| 16             | Yellow Throated Martin              | <i>Martes flavigula</i>                | LC                 | Sch-II       |
| 17             | Chinese Pangolin                    | <i>Manis pentadactyla</i>              | CR                 | Sch-I        |
| 18             | White-tailed Mole                   | <i>Parascaptor sp.</i>                 | LC                 | Sch-IV       |
| 19             | Malayan Giant Squirrel              | <i>Ratufa bicolor</i>                  | LC                 | Sch-IV       |
| 20             | Orange-bellied Himalayan Squirrel   | <i>Dremomys lokriah</i>                | LC                 | Sch-IV       |
| 21             | Hoary-bellied Himalayan Squirrel    | <i>Callosciurus pygerythrus</i>        | LC                 | Sch-IV       |
| 22             | Himalayan Stripped Bellied Squirrel | <i>Tamiops mccllellandii</i>           | LC                 | Sch-IV       |
| 23             | Northern Red Giant Flying Squirrel  | <i>Petaurista petaurista candidula</i> | LC                 | Sch-II       |
| 24             | House Rat                           | <i>Rattus rattus</i>                   | LC                 | Sch-IV       |
| 25             | Himalayan Rat                       | <i>Rattus nitidus</i>                  | LC                 | Sch-IV       |
| 26             | House mouse                         | <i>Mus musculus</i>                    | LC                 | Sch-V        |
| 27             | Indian Flying Fox                   | <i>Pteropus giganteus</i>              | LC                 | Sch-IV       |
| 28             | Dobson's Horseshoe Bat              | <i>Rhinolophus yunnanensis</i>         | LC                 | Sch-IV       |
| 29             | Greater False Vampire Bat           | <i>Megaderma lyra</i>                  | LC                 | Sch-IV       |
| 30             | Northern tree shrew                 | <i>Tupaia belangeri</i>                | LC                 | Sch-IV       |

**Table: Check List of Butterflies of Digboi College Campus**

| <b>Sl. No.</b> | <b>Common Name</b>      | <b>Scientific Name</b>               |
|----------------|-------------------------|--------------------------------------|
| 1              | Great Windmill          | <i>Byasa dasarada</i>                |
| 2              | Common Windmill         | <i>Byasa polyeuctes</i>              |
| 3              | Great Mormon            | <i>Papilio memnor agenor</i>         |
| 4              | Common Mormon           | <i>Papilio polytes romulus</i>       |
| 5              | Common Rose             | <i>Atrophaneura aristolochiae</i>    |
| 6              | Redbreast               | <i>Papilio alcmenor</i>              |
| 7              | White Dragontail        | <i>Lamproptera curius</i>            |
| 8              | Red Helen               | <i>Papilio helenus</i>               |
| 9              | Yellow Helen            | <i>Papilio nephelus</i>              |
| 10             | Common Ravern           | <i>Papilio castor</i>                |
| 11             | Common Bluebottle       | <i>Graphium sarpedon</i>             |
| 12             | Tailed Jay              | <i>Graphium agamemnon</i>            |
| 13             | Common Jay              | <i>Graphium doson</i>                |
| 14             | Lime Butterfly          | <i>Papilio demoleus</i>              |
| 15             | Lesser Jay              | <i>Graphium evemnon albociliatis</i> |
| 16             | Five-bar Swordtail      | <i>Graphium antiphates</i>           |
| 17             | Lesser Batwing          | <i>Atrophaneura aidoneus</i>         |
| 18             | Common Batwing          | <i>Atrophaneura varuna</i>           |
| 19             | Spange                  | <i>Papilio protenor</i>              |
| 20             | Common Birdwing         | <i>Triodes helena cerberus</i>       |
| 21             | Golden Birdwing         | <i>Triodes aeacus</i>                |
| 22             | Paris Peacock           | <i>Papilio paris</i>                 |
| 23             | Common Peacock          | <i>Papilio polyctor</i>              |
| 24             | Lesser Zebra            | <i>Graphium macareus</i>             |
| 25             | Great Zebra             | <i>Graphium xenocles</i>             |
| 26             | Common Mime             | <i>Papilio clytia</i>                |
| 27             | Great Mime              | <i>Papilio paradoxa</i>              |
| 28             | One-spot Grass Yellow   | <i>Eurema andersoni</i>              |
| 29             | Three Spot Grass Yellow | <i>Eurema blanda silhetana</i>       |
| 30             | Small Grass Yellow      | <i>Eurema brigitta</i>               |
| 31             | Common Grass Yellow     | <i>Eurema hecabe contubernalis</i>   |
| 32             | Tree Yellow             | <i>Gandaca harina assamica</i>       |
| 33             | Redbreast Jezebel       | <i>Delias thysbe</i>                 |
| 34             | Red-base Jezebel        | <i>Delias pasithoe</i>               |
| 35             | Red -spot Jezebel       | <i>Delias descombesi</i>             |
| 36             | Common Emigrant         | <i>Catopsilia pomona</i>             |

|    |                      |                                |
|----|----------------------|--------------------------------|
| 37 | Mottled Emigrant     | <i>Catopsilia pyranthe</i>     |
| 38 | Great Orange Tip     | <i>Hebomia glaucippe</i>       |
| 39 | Pale Wanderer        | <i>Pareronia avatar</i>        |
| 40 | Green veined White   | <i>Pieris napi</i>             |
| 41 | Spot Puffin          | <i>Appias lalage</i>           |
| 42 | Stripped Albatross   | <i>Appias libythea</i>         |
| 43 | Chocolate Albatross  | <i>Appias lyncida</i>          |
| 44 | Plain Puffin         | <i>Appias indra</i>            |
| 45 | Common Gull          | <i>Cepora nerissa</i>          |
| 46 | Indian Cabbage White | <i>Pieris canidiaindica</i>    |
| 47 | Large Cabbage White  | <i>Pieris brassicae</i>        |
| 48 | Green Veined White   | <i>Pieris melete</i>           |
| 49 | Psyche               | <i>Leptosia nina</i>           |
| 50 | Common Beak          | <i>Libythea lepita</i>         |
| 51 | Chocolate Tiger      | <i>Parantica melaneus</i>      |
| 52 | Chestnut Tiger       | <i>Parantica tytia</i>         |
| 53 | Glassy Tiger         | <i>Parantica aglea</i>         |
| 54 | Dark Blue Tiger      | <i>Tellervo septentrionis</i>  |
| 55 | Striped Tiger        | <i>Danaus genutia</i>          |
| 56 | Plain Tiger          | <i>Danaus chrysippus</i>       |
| 57 | Common Faun          | <i>Faunis arecsilaus</i>       |
| 58 | Yellow Rajah         | <i>Charaxes marmax</i>         |
| 59 | Tawny Rajah          | <i>Charaxes bernardus</i>      |
| 60 | Scare Rajah          | <i>Charaxes aristogiton</i>    |
| 61 | Pallid Nawab         | <i>Polyura arja</i>            |
| 62 | Common Nawab         | <i>Polyura athamas</i>         |
| 63 | Short-banded Sailer  | <i>Phaedyma columella</i>      |
| 64 | Yellow Jack Sailer   | <i>Lasippa viraja</i>          |
| 65 | Common Sailer        | <i>Neptis hylas adara</i>      |
| 66 | Dingrest Sailer      | <i>Neptis harita</i>           |
| 67 | Dingy Sailer         | <i>Neptis pseudovikasi</i>     |
| 68 | Small Yellow Sailer  | <i>Neptis miah</i>             |
| 69 | Yellow Sailer        | <i>Neptis namba</i>            |
| 70 | Sullied Sailer       | <i>Neptis soma</i>             |
| 71 | Plain Sailer         | <i>Neptis cartica</i>          |
| 72 | Clear Sailer         | <i>Neptis nandina susruta</i>  |
| 73 | Yerbury's Sailer     | <i>Neptis yerburyi sikkima</i> |
| 74 | Common Lascar        | <i>Pantoporia hordon</i>       |
| 75 | Perak Lascar         | <i>Pantoporia peraka</i>       |
| 76 | Common Sergeant      | <i>Athyma perius</i>           |

|     |                        |                                      |
|-----|------------------------|--------------------------------------|
| 77  | Colour Sergeant        | <i>Athyma nefte</i>                  |
| 78  | Black-veined Sergeant  | <i>Athyma ranga</i>                  |
| 79  | Staff Sergeant         | <i>Athyma selenophora</i>            |
| 80  | White Staff Sergeant   | <i>Athyma whitei</i>                 |
| 81  | Small Staff Sergeant   | <i>Athyma zeroa</i>                  |
| 82  | Orange Staff Sergeant  | <i>Athyma cama</i>                   |
| 83  | Unbroken Sergeant      | <i>Athyma pravara</i>                |
| 84  | Common Jester          | <i>Symbrenthia hippoclus</i>         |
| 85  | Banded Treebrown       | <i>Lethe confusa gambara</i>         |
| 86  | Common Red Forester    | <i>Lethe mekara</i>                  |
| 87  | Bamboo Treebrown       | <i>Lethe euopa</i>                   |
| 88  | Great Evening Brown    | <i>Melanitis zitenitus</i>           |
| 89  | Dark Evening Brown     | <i>Melanitis phedima</i>             |
| 90  | Common Evening Brown   | <i>Melanitis leda</i>                |
| 91  | Common Bushbrown       | <i>Mycalesis perseus blasius</i>     |
| 92  | Dark-brand Bushbrown   | <i>Mycalesis mineus mineus</i>       |
| 93  | Long-brand Bushbrown   | <i>Mycalesis visala</i>              |
| 94  | Chinese Bushbrown      | <i>Mycalesis gotama charaka</i>      |
| 95  | Lilacine Bushbrown     | <i>Mycalesis francisca</i>           |
| 96  | Plain Bushbrown        | <i>Mycalesis malsarida</i>           |
| 97  | Watson's Bushbrown     | <i>Mycalessis adamsoni</i>           |
| 98  | Whitebar Bushbrown     | <i>Mycalesis anaxias</i>             |
| 99  | Common Fivering        | <i>Ypthima baldus</i>                |
| 100 | Common Fourring        | <i>Ypthima huebneri</i>              |
| 101 | Eastern Baby Five-Ring | <i>Ypthima philomela peguana</i>     |
| 102 | Himalyan Five-Ring     | <i>Ypthima sarka</i>                 |
| 103 | Commander              | <i>Moduza procris</i>                |
| 104 | Dusky Diadem           | <i>Anadebis himachala</i>            |
| 105 | Autumn Leaf            | <i>Doleschallia bisaltide indica</i> |
| 106 | Kohinoor               | <i>Amathuxidia amythaon</i>          |
| 107 | Jungle Glory           | <i>Thaumantis diores</i>             |
| 108 | Orange Oakleaf         | <i>Kallima inachus</i>               |
| 109 | Courtesian             | <i>Euripus nyctelius</i>             |
| 110 | Common Map             | <i>Cyrestis thydomas</i>             |
| 111 | Constable              | <i>Dichorragia nesimachus</i>        |
| 112 | Crusier                | <i>Vindula erota</i>                 |
| 113 | Arkhduke               | <i>Lexias pardalis</i>               |
| 114 | Dark Arkhduke          | <i>Lexias dirtea</i>                 |
| 115 | Great Arkhduke         | <i>Lexias cyanipardus</i>            |
| 116 | Magpie Crow            | <i>Euploea radamanthus</i>           |



|     |                       |                                 |
|-----|-----------------------|---------------------------------|
| 117 | Double-Branded Crow   | <i>Euploea sylvester</i>        |
| 118 | Striped Blue Crow     | <i>Euploea mulciber</i>         |
| 119 | Common Crow           | <i>Euploea core</i>             |
| 120 | Great Eggfly          | <i>Hypolimnas bolina</i>        |
| 121 | Common Earl           | <i>Tanaecia julii</i>           |
| 122 | Plain Earl            | <i>Tanaecia jahnu</i>           |
| 123 | Common Baron          | <i>Euthalia aconthia</i>        |
| 124 | Grey Baron            | <i>Euthalia anosia</i>          |
| 125 | White-edge Blue Baron | <i>Euthalai phemius</i>         |
| 126 | Powdered Baron        | <i>Euthalia monina kesava</i>   |
| 127 | Chocolate Pansy       | <i>Junonia iphita</i>           |
| 128 | Peacock Pansy         | <i>Junonia almana</i>           |
| 129 | Grey Pansy            | <i>Junonia atlites</i>          |
| 130 | Lemon Pansy           | <i>Junonia lemonias</i>         |
| 131 | Blue Pansy            | <i>Junonia orythiya</i>         |
| 132 | Red Lacewing          | <i>Cethosia biblis tisamena</i> |
| 133 | Leopard Lacewing      | <i>Cethosia cyane</i>           |
| 134 | Green Comondore       | <i>Limenitis daraxa</i>         |
| 135 | Blue Admiral          | <i>Kaniska canace</i>           |
| 136 | Blue Baron            | <i>Cynitia telchinia</i>        |
| 137 | Common Maplet         | <i>Chersonesia risa</i>         |
| 138 | Wavy Maplet           | <i>Chersonesia intermedia</i>   |
| 139 | Indian Fritillary     | <i>Argyreus hyperbius</i>       |
| 140 | Common Leopard        | <i>Phalanta phalantha</i>       |
| 141 | Common Castor         | <i>Ariadne merione assama</i>   |
| 142 | Angled Castor         | <i>Ariadne ariadne</i>          |
| 143 | Commander             | <i>Moduza procris</i>           |
| 144 | Large Yeoman          | <i>Cirrochroa aoris</i>         |
| 145 | Common Yeoman         | <i>Cirrochroa tyche</i>         |
| 146 | Vagrant               | <i>Vagrans egista</i>           |
| 147 | Nigger                | <i>Orsotrioena medus</i>        |
| 148 | Tiger Palmfly         | <i>Elymnias nesoea</i>          |
| 149 | Peals's Palmfly       | <i>Elymnias pealii</i>          |
| 150 | Common Palmfly        | <i>Elymnias hypermnestra</i>    |
| 151 | Spotted Palmfly       | <i>Elymnias malelas</i>         |
| 152 | Blue-striped Palmfly  | <i>Elymnias patna</i>           |
| 153 | Grey Count            | <i>Tanaecia lepidea</i>         |
| 154 | Wizard                | <i>Rhynopalpa polynice</i>      |
| 155 | Knight                | <i>Lebade martha</i>            |
| 156 | Yellow Coster         | <i>Acraea issoria</i>           |

|     |                              |  |
|-----|------------------------------|--|
| 157 | Black Prince                 | <i>Rohana parisatis</i>                |
| 158 | Indian Red Admiral           | <i>Vanessa indica</i>                  |
| 159 | Painted Lady                 | <i>Vanessa cardui</i>                  |
| 160 | The Wizzard                  | <i>Hypolimnus polynice birmana</i>     |
| 161 | Apefly                       | <i>Spalgis epius</i>                   |
| 162 | Common Gem                   | <i>Poritia hewitsoni</i>               |
| 163 | Common Hedge Blue            | <i>Acytolepis puspa</i>                |
| 164 | Metallic Hedge Blue          | <i>Lycaenopsis melaena parrishii</i>   |
| 165 | Margined Hedge Blue          | <i>Celastrina marginata</i>            |
| 166 | White-banded Hedge Blue      | <i>Lycaenopsis transpecta</i>          |
| 167 | Plain Hedge Blue             | <i>Cyaniris placida</i>                |
| 168 | Pale Hedge Blue              | <i>Celastrina cardia</i>               |
| 169 | Large Hedge Blue             | <i>Celastrina oreana</i>               |
| 170 | Forest Quaker                | <i>Pithecops corvus</i>                |
| 171 | Quaker                       | <i>Neopithecops zalmora</i>            |
| 172 | Malayan                      | <i>Megisba malaya sikkima</i>          |
| 173 | Forget-me-not                | <i>Catochrysops strabo</i>             |
| 174 | Transparent 6 Lineblue       | <i>Nacaduba kurava</i>                 |
| 175 | Rounded 6 Lineblue           | <i>Nacaduba berenice plumbeomicans</i> |
| 176 | Opaque 6 Lineblue            | <i>Nacaduba berae gythion</i>          |
| 177 | Large Four-Lineblue          | <i>Nacaduba pactolus</i>               |
| 178 | Pale Four-lineblue           | <i>Nacaduba hermus</i>                 |
| 179 | Small Four-lineblue          | <i>Nacaduba pavana</i>                 |
| 180 | Common Lineblue              | <i>Prosotas nora</i>                   |
| 181 | Banded Lineblue              | <i>Prosotas aluta coelestis</i>        |
| 182 | Tailless Lineblue            | <i>Prosotas duboisa indica</i>         |
| 183 | Pointed Lineblue             | <i>Ionolyce helicon</i>                |
| 184 | Common Ciliate Blue          | <i>Anthene emolus</i>                  |
| 185 | Pointed Ciliate Blue         | <i>Anthene lycaenina</i>               |
| 186 | Yellow-Disc Tailless Oakblue | <i>Arhopala perimuta</i>               |
| 187 | Pale Bushblue                | <i>Arhopala aberrans</i>               |
| 188 | Metallic Cerulean            | <i>Jamides alecto</i>                  |
| 189 | Common Cerulean              | <i>Jamides celeno</i>                  |
| 190 | Dark Cerulean                | <i>Jamides bochus</i>                  |
| 191 | Common Imperial              | <i>Cheritra freja</i>                  |
| 192 | Common Tit                   | <i>Hypolycaena erylus</i>              |
| 193 | Fluffy Tit                   | <i>Zeltus etolus</i>                   |
| 194 | Orchid Tit                   | <i>Chliaria othona</i>                 |
| 195 | Lime Blue                    | <i>Chilades laius</i>                  |
| 196 | Pale Grass Blue              | <i>Zizeeria maha</i>                   |

|     |                         |                                   |
|-----|-------------------------|-----------------------------------|
| 197 | Dark Grass Blue         | <i>Zizeeria karsandra</i>         |
| 198 | Lesser Grass Blue       | <i>Zizeeria otis</i>              |
| 199 | Common Pierrot          | <i>Castalius rosimon</i>          |
| 200 | Elbowed Pierrot         | <i>Pycnophallium elna</i>         |
| 201 | Straight Pierrot        | <i>Caleta roxus</i>               |
| 202 | Dark Pierrot            | <i>Tarucus ananda</i>             |
| 203 | Copper Flash            | <i>Rapala rectivitta</i>          |
| 204 | Indian Red Flash        | <i>Rapala iarbas</i>              |
| 205 | Slate Flash             | <i>Rapala schistacea</i>          |
| 206 | Common Flash            | <i>Rapala rosacea</i>             |
| 207 | Saffron                 | <i>Mota massyla</i>               |
| 208 | Chocolate Royal         | <i>Remelana jangala</i>           |
| 209 | Long-banded Silverline  | <i>Spindasis lohita</i>           |
| 210 | Common Acacia Blue      | <i>Surendra quercetorum</i>       |
| 211 | Purple Sapphire         | <i>Heliophorus epicles</i>        |
| 212 | Peablue                 | <i>Lampides boeticus</i>          |
| 213 | Zebra Blue              | <i>Syntarucus plinius</i>         |
| 214 | Moth Butterfly          | <i>Liphyra brassolis</i>          |
| 215 | Bright Sunbeam          | <i>Curetis bulis</i>              |
| 216 | Angled Sunbeam          | <i>Curetis acuta</i>              |
| 217 | Yamfly                  | <i>Loxura atymnus</i>             |
| 218 | Branded Yamfly          | <i>Yasoda tripunctata</i>         |
| 219 | Tiny Grass Blue         | <i>Zizula hylax</i>               |
| 220 | Tailed Judy             | <i>Abisara neophron</i>           |
| 221 | Dark Judy               | <i>Abisara fylla</i>              |
| 222 | Punchinello             | <i>Zemeros flegyas indicus</i>    |
| 223 | Plum Judy               | <i>Abisara echerius prunosa</i>   |
| 224 | Orange-tail Awl         | <i>Bibasis sena</i>               |
| 225 | Branded Awlking         | <i>Choaspes stigmata</i>          |
| 226 | Indian Awlking          | <i>Choaspes benjaminii</i>        |
| 227 | Brown Awl               | <i>Badamia exclamationis</i>      |
| 228 | Common Awl              | <i>Hasora badra</i>               |
| 229 | Common Snow Flat        | <i>Tagiades japetus ravi</i>      |
| 230 | Suffused Snow Flat      | <i>Tagiades gana</i>              |
| 231 | Common Spotted Flat     | <i>Celaenorrhinus leucocera</i>   |
| 232 | Dark-yellow banded Flat | <i>Celaenorrhinus aurivittata</i> |
| 233 | Water Snow Flat         | <i>Tagiades litigiosa</i>         |
| 234 | Fulvous Pied Flat       | <i>Pseudocoladenia dan</i>        |
| 235 | Chestnut Angle          | <i>Odontoptilum angulata</i>      |
| 236 | Common Small Flat       | <i>Sarangesa dasahara</i>         |

|     |                     |                                     |
|-----|---------------------|-------------------------------------|
| 237 | Indian Skipper      | <i>Spialia galba</i>                |
| 238 | Pygmy Scrub Hopper  | <i>Aeromachus pygmaeus</i>          |
| 239 | Veined Scrub Hopper | <i>Aeromachus stigmata obsoleta</i> |
| 240 | Tiger Hopper        | <i>Ochus subvittatus</i>            |
| 241 | Fringed Red Eye     | <i>Matapa cresta</i>                |
| 242 | Common Redeye       | <i>Matapa aria</i>                  |
| 243 | Common Banded Demon | <i>Notocrypta paralysos</i>         |
| 244 | Chocolate Demon     | <i>Ancistroides nigrita</i>         |
| 245 | Grass Demon         | <i>Udaspes folus</i>                |
| 246 | Dark Velvet Bob     | <i>Koruthaialos butleri</i>         |
| 247 | Chestnut Bob        | <i>Iambrix sasala</i>               |
| 248 | Common Dartlet      | <i>Oriens gola</i>                  |
| 249 | Broad Bident Dart   | <i>Potanthus trachala tytleri</i>   |
| 250 | Pallid Dart         | <i>Potanthus pallidus</i>           |
| 251 | Common Palm Dart    | <i>Telicota colon</i>               |
| 252 | Plain Palm Dart     | <i>Cephrenes acalle</i>             |
| 253 | Paintbrush Swift    | <i>Baoris farri</i>                 |
| 254 | Blank Swift         | <i>Caltoris kumara</i>              |
| 255 | Colon Swift         | <i>Caltoris cara</i>                |
| 256 | Dark-branded Swift  | <i>Caltoris brunnea</i>             |
| 257 | Large Branded Swift | <i>Pelopidas sinensis</i>           |
| 258 | Rice Swift          | <i>Borbo cinnara</i>                |



**Table: Check List of Birds of Digboi College Campus**

| Sl | Name                        | Scientific Name                   |
|----|-----------------------------|-----------------------------------|
| 1  | Kalij Pheasant              | <i>Lophura leucomelanos</i>       |
| 2  | Red Junglefowl              | <i>Gallus gallus</i>              |
| 3  | Oriental-turtle Dove        | <i>Streptopelia orientalis</i>    |
| 4  | Spotted Dove                | <i>Spilopelia chinensis</i>       |
| 5  | Asian Emerald Dove          | <i>Chalcophaps indica</i>         |
| 6  | Wedge-tailed Green-Pigeon   | <i>Treron sphenurus</i>           |
| 7  | Ashy-headed Green-Pigeon    | <i>Treron phayrei</i>             |
| 8  | Red Collared-Dove           | <i>Streptopelia tranquebarica</i> |
| 9  | Yellow-footed Green-Pigeon  | <i>Treron phoenicoptera</i>       |
| 10 | Pin-tailed Green-Pigeon     | <i>Treron apicauda</i>            |
| 11 | Chestnut-winged Cuckoo      | <i>Clamator coromandus</i>        |
| 12 | Green-billed Malkoha        | <i>Phaenicophaeus tristis</i>     |
| 13 | Asian Koel                  | <i>Eudynamys scolopaceus</i>      |
| 14 | Plaintive Cuckoo            | <i>Cacomantis merulinus</i>       |
| 15 | Square-tailed Drongo-Cuckoo | <i>Surniculus lugubris</i>        |
| 16 | Large Hawk-Cuckoo           | <i>Hierococcyx sparveroides</i>   |
| 17 | Indian Cuckoo               | <i>Cuculus micropterus</i>        |
| 18 | Greater Coucal              | <i>Centropus sinensis</i>         |
| 19 | Himalayan Swiftlet          | <i>Aerodramus brevirostris</i>    |
| 20 | House Swift                 | <i>Apus nipalensis</i>            |
| 21 | Asian Palm-Swift            | <i>Cypsiurus balasiensis</i>      |
| 22 | Himalayan Swiftlet          | <i>Aerodramus brevirostris</i>    |
| 23 | White-breasted Waterhen     | <i>Amaurornis phoenicurus</i>     |
| 24 | Little Cormorant            | <i>Microcarbo niger</i>           |
| 25 | Intermediate Egret          | <i>Ardea intermedia</i>           |
| 26 | Cattle Egret                | <i>Bubulcus ibis</i>              |
| 27 | Indian Pond-Heron           | <i>Ardeola grayii</i>             |
| 28 | Intermediate Egret          | <i>Ardea intermedia</i>           |
| 29 | Crested Serpent-Eagle       | <i>Spilornis cheela</i>           |
| 30 | Oriental Honey-buzzard      | <i>Pernis ptilorhynchus</i>       |
| 31 | Shikra                      | <i>Accipiter badius</i>           |
| 32 | Oriental Bay-Owl            | <i>Phodilus badius</i>            |
| 33 | Mountain Scops-Owl          | <i>Otus spilocephalus</i>         |
| 34 | Asian Barred Owlet          | <i>Glaucidium cuculoides</i>      |
| 35 | Brown Hawk Owl              | <i>Ninox scutulata</i>            |
| 36 | Collared Scops Owl          | <i>Otus lettia</i>                |
| 37 | Oriental Bay-Owl            | <i>Phodilus badius</i>            |

|    |                           |                                      |
|----|---------------------------|--------------------------------------|
| 38 | Mountain Scops-Owl        | <i>Otus spilocephalus</i>            |
| 39 | Asian Barred Owlet        | <i>Glaucidium cuculoides</i>         |
| 40 | Austen's Brown Hornbill   | <i>Anorrhinus austeni</i>            |
| 41 | Oriental Pied-Hornbill    | <i>Anthracoceros albirostris</i>     |
| 42 | White-throated Kingfisher | <i>Halcyon smyrnensis</i>            |
| 43 | Common Kingfisher         | <i>Alcedo atthis</i>                 |
| 44 | Blue-bearded Bee-eater    | <i>Nyctyornis athertoni</i>          |
| 45 | Indochinese Roller        | <i>Coracias affinis</i>              |
| 46 | Green Bee-eater           | <i>Merops orientalis</i>             |
| 47 | Blue-tailed Bee- Eater    | <i>Merops philippinus</i>            |
| 48 | Blue-bearded Bee-eater    | <i>Nyctyornis athertoni</i>          |
| 49 | Coppersmith Barbet        | <i>Megalaima haemacephala</i>        |
| 50 | Lineated Barbet           | <i>Megalaima lineata</i>             |
| 51 | Blue-throated Barbet      | <i>Psilopogon asiaticus</i>          |
| 52 | Great Barbet              | <i>Megalaima virens</i>              |
| 53 | Coppersmith Barbet        | <i>Megalaima haemacephala</i>        |
| 54 | Lineated Barbet           | <i>Megalaima lineata</i>             |
| 55 | White-browed Piculet      | <i>Sasia ochracea</i>                |
| 56 | Speckled Piculet          | <i>Picumnus innominatus</i>          |
| 57 | Greater Flameback         | <i>Chrysocolaptes guttacristatus</i> |
| 58 | Lesser Yellownape         | <i>Picus chlorolophus</i>            |
| 59 | Gray-headed Woodpecker    | <i>Picus canus</i>                   |
| 60 | Greater Yellownape        | <i>Chrysophlegma flavinucha</i>      |
| 61 | White-browed Piculet      | <i>Sasia ochracea</i>                |
| 62 | Speckled Piculet          | <i>Picumnus innominatus</i>          |
| 63 | Greater Flameback         | <i>Chrysocolaptes guttacristatus</i> |
| 64 | Rose-ringed Parakeet      | <i>Psittacula krameri</i>            |
| 65 | Red-breasted Parakeet     | <i>Psittacula alexandri</i>          |
| 66 | Long-tailed Broadbill     | <i>Psarisomus dalhousiae</i>         |
| 67 | Silver-breasted Broadbill | <i>Serilophus lunatus</i>            |
| 68 | Blue-naped Pitta          | <i>Hydrornis nipalensis</i>          |
| 69 | Scarlet Minivet           | <i>Pericrocotus speciosus</i>        |
| 70 | Large Cuckooshrike        | <i>Pericrocotus speciosus</i>        |
| 71 | Black-winged Cuckooshrike | <i>Coracina melaschistos</i>         |
| 72 | Black-hooded Oriole       | <i>Oriolus xanthornus</i>            |
| 73 | Maroon Oriole             | <i>Oriolus traillii</i>              |
| 74 | Large Woodshrike          | <i>Tephrodornis gularis</i>          |
| 75 | Common Iora               | <i>Aegithina tiphia</i>              |
| 76 | Sultan Tit                | <i>Melanochlora sultanea</i>         |
| 77 | Cinereous Tit             | <i>Parus cinereus</i>                |

|     |                              |                                  |
|-----|------------------------------|----------------------------------|
| 78  | Common Tailorbird            | <i>Orthotomus sutorius</i>       |
| 79  | Dark-necked Tailorbird       | <i>Orthotomus atrogularis</i>    |
| 80  | Rufescent Prinia             | <i>Prinia rufescens</i>          |
| 81  | Pygmy Cupwing                | <i>Pnoepyga pusilla</i>          |
| 82  | Barn Swallow                 | <i>Hirundo rustica</i>           |
| 83  | Striated Swallow             | <i>Cecropis striolata</i>        |
| 84  | Nepal House-Martin           | <i>Delichon nipalense</i>        |
| 85  | Black-crested Bulbul         | <i>Pycnonotus flaviventris</i>   |
| 86  | Red-vented Bulbul            | <i>Pycnonotus cafer</i>          |
| 87  | Red-whiskered Bulbul         | <i>Pycnonotus jocosus</i>        |
| 88  | White-throated Bulbul        | <i>Alophoixus flaveolus</i>      |
| 89  | Black Bulbul                 | <i>Hypsipetes leucocephalus</i>  |
| 90  | Ashy Bulbul                  | <i>Hemixos flavala</i>           |
| 91  | Striated Bulbul              | <i>Pycnonotus striatus</i>       |
| 92  | Yellow-browed Warbler        | <i>Phylloscopus inornatus</i>    |
| 93  | Tickell's Leaf Warbler       | <i>Phylloscopus affinis</i>      |
| 94  | Dusky Warbler                | <i>Phylloscopus fuscatus</i>     |
| 95  | White-spectacled Warbler     | <i>Seicercus affinis</i>         |
| 96  | Green-crowned Warbler        | <i>Seicercus burkii</i>          |
| 97  | Whistler's Warbler           | <i>Seicercus whistleri</i>       |
| 98  | Greenish Warbler             | <i>Phylloscopus trochiloides</i> |
| 99  | Green/Greenish Warbler       | <i>Phylloscopus trochiloides</i> |
| 100 | Blyth's Leaf Warbler         | <i>Phylloscopus reguloides</i>   |
| 101 | Chestnut-crowned Warbler     | <i>Seicercus castaniceps</i>     |
| 102 | Yellow-vented Bulbul         | <i>Pycnonotus goiavier</i>       |
| 103 | Yellow-browed Warbler        | <i>Phylloscopus inornatus</i>    |
| 104 | Tickell's Leaf Warbler       | <i>Phylloscopus affinis</i>      |
| 105 | Dusky Warbler                | <i>Phylloscopus fuscatus</i>     |
| 106 | White-spectacled Warbler     | <i>Seicercus affinis</i>         |
| 107 | Green-crowned Warbler        | <i>Seicercus burkii</i>          |
| 108 | Whistler's Warbler           | <i>Seicercus whistleri</i>       |
| 109 | Greenish Warbler             | <i>Phylloscopus trochiloides</i> |
| 110 | Green/Greenish Warbler       | <i>Phylloscopus trochiloides</i> |
| 111 | White-throated Fantail       | <i>Rhipidura albicollis</i>      |
| 112 | Black Drongo                 | <i>Dicrurus macrocercus</i>      |
| 113 | Ashy Drongo                  | <i>Dicrurus leucophaeus</i>      |
| 114 | Bronzed Drongo               | <i>Dicrurus aeneus</i>           |
| 115 | Greater Racket-tailed Drongo | <i>Dicrurus paradiseus</i>       |
| 116 | Black Drongo                 | <i>Dicrurus macrocercus</i>      |
| 117 | Gray-backed Shrike           | <i>Lanius tephronotus</i>        |

|     |                                  |                                 |
|-----|----------------------------------|---------------------------------|
| 118 | Brown Shrike                     | <i>Lanius cristatus</i>         |
| 119 | Common Green-Magpie              | <i>Cissa chinensis</i>          |
| 120 | Rufous Treepie                   | <i>Dendrocitta vagabunda</i>    |
| 121 | Gray Treepie                     | <i>Dendrocitta formosae</i>     |
| 122 | Collared Treepie                 | <i>Dendrocitta frontalis</i>    |
| 123 | House Crow                       | <i>Corvus splendens</i>         |
| 124 | Large-billed Crow                | <i>Corvus macrorhynchos</i>     |
| 125 | Gray-headed Canary-Flycatcher    | <i>Culicicapa ceylonensis</i>   |
| 126 | Yellow-bellied Warbler           | <i>Abroscopus superciliaris</i> |
| 127 | Indian White-eye                 | <i>Zosterops palpebrosus</i>    |
| 128 | Pin-striped Tit-Babbler          | <i>Macronus gularis</i>         |
| 129 | Buff-chested Babbler             | <i>Stachyridopsis ambigua</i>   |
| 130 | Gray-throated Babbler            | <i>Stachyris nigriceps</i>      |
| 131 | Eyebrowed Wren-Babbler           | <i>Napothera epilepidota</i>    |
| 132 | Lesser Necklaced Laughingthrush  | <i>Garrulax monileger</i>       |
| 133 | Rufous-necked Laughingthrush     | <i>Garrulax ruficollis</i>      |
| 134 | Chestnut-backed Laughingthrush   | <i>Garrulax nuchalis</i>        |
| 135 | Greater Necklaced Laughingthrush | <i>Pterorhinus pectoralis</i>   |
| 136 | Common Hill Myna                 | <i>Gracula religiosa</i>        |
| 137 | Asian Pied Starling              | <i>Gracupica contra</i>         |
| 138 | Chestnut-tailed Starling         | <i>Sturnia malabarica</i>       |
| 139 | Common Myna                      | <i>Acridotheres tristis</i>     |
| 140 | Jungle Myna                      | <i>Acridotheres fuscus</i>      |
| 141 | Common Hill Myna                 | <i>Gracula religiosa</i>        |
| 142 | Orange-headed Thrush             | <i>Geokichla citrina</i>        |
| 143 | Scaly Thrush                     | <i>Zoothera dauma</i>           |
| 144 | Himalayan Thrush                 | <i>Zoothera salimalii</i>       |
| 145 | Asian Brown Flycatcher           | <i>Muscicapa latirostris</i>    |
| 146 | Oriental Magpie-Robin            | <i>Copsychus saularis</i>       |
| 147 | White-rumped Shama               | <i>Copsychus malabaricus</i>    |
| 148 | Pale-chinned Blue Flycatcher     | <i>Cyornis poliogenys</i>       |
| 149 | Small Niltava                    | <i>Niltava macgrigoriae</i>     |
| 150 | Large Niltava                    | <i>Niltava grandis</i>          |
| 151 | Rufous-bellied Niltava           | <i>Niltava sundara</i>          |
| 152 | Rusty-bellied Shortwing          | <i>Brachypteryx hyperythra</i>  |
| 153 | Lesser Shortwing                 | <i>Brachypteryx leucophrys</i>  |
| 154 | Blue Whistling-Thrush            | <i>Myophonus caeruleus</i>      |
| 155 | Snowy-browed Flycatcher          | <i>Ficedula hyperythra</i>      |
| 156 | Sapphire Flycatcher              | <i>Ficedula sapphira</i>        |
| 157 | Little Pied Flycatcher           | <i>Ficedula westermanni</i>     |

|     |                              |                                   |
|-----|------------------------------|-----------------------------------|
| 158 | Verditer Flycatcher          | <i>Eumyias thalassinus</i>        |
| 159 | Pygmy Flycatcher             | <i>Ficedula hodgsonii</i>         |
| 160 | Taiga Flycatcher             | <i>Ficedula albicilla</i>         |
| 161 | Asian Brown Flycatcher       | <i>Muscicapa latirostris</i>      |
| 162 | Oriental Magpie-Robin        | <i>Copsychus saularis</i>         |
| 163 | White-rumped Shama           | <i>Copsychus malabaricus</i>      |
| 164 | Pale-chinned Blue Flycatcher | <i>Cyornis poliogenys</i>         |
| 165 | Small Niltava                | <i>Niltava macgrigoriae</i>       |
| 166 | Blue Whistling-Thrush        | <i>Myophonus caeruleus</i>        |
| 167 | Black-backed Forktail        | <i>Enicurus immaculatus</i>       |
| 168 | Siberian Rubythroat          | <i>Luscinia calliope</i>          |
| 169 | Yellow-vented Flowerpecker   | <i>Dicaeum chrysorrheum</i>       |
| 170 | Pale-billed Flowerpecker     | <i>Dicaeum erythrorhynchos</i>    |
| 171 | Plain Flowerpecker           | <i>Dicaeum minullum</i>           |
| 172 | Scarlet-backed Flowerpecker  | <i>Dicaeum cruentatum</i>         |
| 173 | Ruby-Cheeked Sunbird         | <i>Chalcoparia singalensis</i>    |
| 174 | Fire-tailed Sunbird          | <i>Aethopyga ignicauda</i>        |
| 175 | Black-throated Sunbird       | <i>Aethopyga saturata</i>         |
| 176 | Mrs. Gould's Sunbird         | <i>Aethopyga gouldiae</i>         |
| 177 | Green-tailed Sunbird         | <i>Aethopyga nipalensis</i>       |
| 178 | Crimson Sunbird              | <i>Aethopyga siparaja</i>         |
| 179 | Little Spiderhunter          | <i>Arachnothera longirostra</i>   |
| 180 | Streaked Spiderhunter        | <i>Arachnothera magna</i>         |
| 181 | Asian Fairy- bluebird        | <i>Irena puella</i>               |
| 182 | Blue-winged Leafbird         | <i>Chloropsis cochinchinensis</i> |
| 183 | Orange-bellied Leafbird      | <i>Chloropsis hardwickii</i>      |
| 184 | Yellow-vented Flowerpecker   | <i>Dicaeum chrysorrheum</i>       |
| 185 | Pale-billed Flowerpecker     | <i>Dicaeum erythrorhynchos</i>    |
| 186 | Plain Flowerpecker           | <i>Dicaeum minullum</i>           |
| 187 | Scarlet-backed Flowerpecker  | <i>Dicaeum cruentatum</i>         |
| 188 | Ruby-Cheeked Sunbird         | <i>Chalcoparia singalensis</i>    |
| 189 | Fire-tailed Sunbird          | <i>Aethopyga ignicauda</i>        |
| 190 | Scaly-breasted Munia         | <i>Lonchura punctulata</i>        |
| 191 | White-rumped Munia           | <i>Lonchura striata</i>           |
| 192 | Black-throated Munia         | <i>Lonchura kelaarti</i>          |
| 193 | House Sparrow                | <i>Passer domesticus</i>          |
| 194 | Eurasian tree sparrow        | <i>Passer montanus</i>            |
| 195 | Gray Wagtail                 | <i>Motacilla cinerea</i>          |
| 196 | White Wagtail                | <i>Motacilla alba</i>             |
| 197 | Paddyfield Pipit             | <i>Anthus rufulus</i>             |



|     |                    |                        |
|-----|--------------------|------------------------|
| 198 | Olive-backed Pipit | <i>Anthus hodgsoni</i> |
|-----|--------------------|------------------------|



**Little Spiderhunter *Arachnothera longirostra***



**Oriental Pied Hornbill *Anthracoceros albirostris***



**Bay Woodpecker *Blythipicus pyrrhotis***



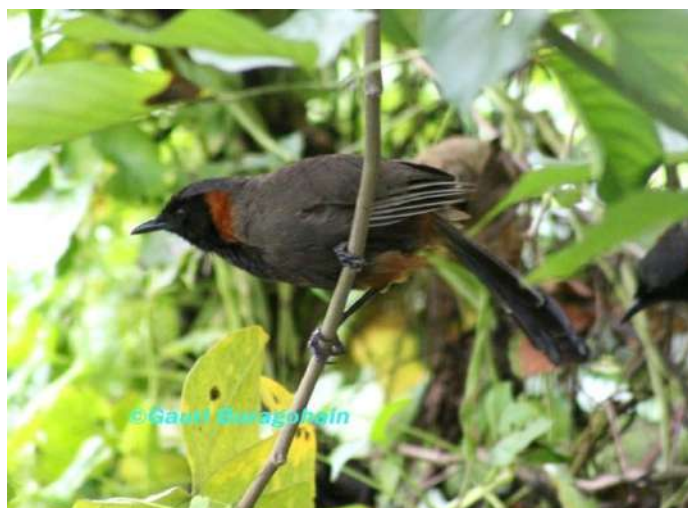
**Blue-Throated Barbet *Megalaima asiatica***



**Crimson Sunbird (Male) *Aethopyga siparaja***



**Rufous-Bellied Niltava *Niltava sundara***



**Rufous-Necked Laughingthrush  
*Garrulax ruficollis***



**White-Hooded Babbler *Gampsorhynchus rufulus***

**Future Scope:**

Although, the college has a green campus with flora and faunal diversity, however there is a scope for further expansion in various fields. For continuous improvement and management, proper strategies are to be taken in future and implementation of the action plans are needed. More installation of solar panels and lights, less use of lights by constructing well lighted rooms, introduction of e-office and e- programme practices, total restriction of automobiles inside the campus with construction of parking area outside the campus are some measures to develop more eco friendly environment. The ravishing beauty of the college campus and availability of various bird species of asthetical importance attracts many tourists to the college including the foreneigners.

**Reference:**

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4. Check List of Amphians of Digboi College campus: Contributors: Rajib Rudra Tariang, Assistant Professor, Department of Zoology, Digboi College & Niranjana Nayak
5. Check List of Lizards of Digboi College campus: Contributors: Rajib Rudra Tariang, Assistant Professor, Department of Zoology, Digboi College & Sabita Chaurasia
6. Check List of Snakes of Digboi College campus: Contributors: Rajib Rudra Tariang, Assistant Professor, Department of Zoology, Digboi College & Sabita Chaurasia
7. Check List of Mammals of Digboi College campus: Contributors: Rajib Rudra Tariang, Assistant Professor, Department of Zoology, Digboi College
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