




# Biodiversity in MGI Campus

## Editorial Board

- Concept & Visualization - Dr M.Pal
- Group Profile - Ms Renu Saxena
- Geographic Details - Ms Barkha Sharma
- Floral Diversity -Dr Malika Pal  
-Ms Kalpana Verma
- Faunal Diversity - - Dr Neelu Quaiyumi  
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- Geographic Details- Ms Barkha Sharma
- Biodiversity & Its importance Dr Malika Pal
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- Faunal Diversity- Dr Neelu Quaiyumi  
Dr Zafar Khan

## Group Profile



Mittal Group of Institutes has established its mark since its inception as the bold and ambitious leader in the education industry. It derives its strength from the concrete value-system and the resilient foundation laid by the reputed and well-recognized academician (Late) Prof. N.K. Mittal. A man of wisdom and vision, he founded MGI with the mission to create an institute open for students from every stratum,

an organization that's sole aim is to deliver quality education and nurture young talent.

Mittal Group of Institutes started as a technical institute and has since spread its wings in different educational sectors and has built a commendable reputation in the region for its commitment to excellence and honesty towards delivering the best to their students. Today the group is successfully running five distinctive units and excelling in all fields –

**Mittal Institute of Technology**

**Mittal Institute of Pharmacy**

**Mittal Institute of Education**

**Mittal Private Industrial Training Institute**

Approved by AICTE, NCTE and PCI, Govt. of India, Recognized by DTE & DHE Govt of MP, Affiliated to RGPV and Barkatullah Univ. Bhopal & NCVT, DGT New Delhi.

The group offers all major bachelor degrees in the field of engineering, pharmacy, and education. Diploma in mechanical engineering and pharmacy is also available. Master's

degrees in business administration, pharmacy and computer science are the most in demand courses of MGI. In 2009, MGI spread its domain in the ITI field and was approved to offer the two years courses for ITI-Electricians and ITI-Fitters. Since then, the courses have been running in its full strength and all our ITI graduates are well placed in the industry.

### **Vision of Mittal Group of Institutes**

To educate and nurture young talent as emerging leaders with practical knowledge, strong employability and ethical values, aiming to serve the society and country.

### **Mission of Mittal Group of Institutes**

- To be the first choice of students who aim for quality education and applicable knowledge.
- To serve the country by nurturing and educating students from all strata with ethics and values.
- To develop a highly employable, dynamic and confident young workforce for a better India.

- To be the first choice of employment for talented and experienced faculty members dedicated to serving the education industry.
- To create a rich on-campus educational culture for overall development of students and faculty.

### **Core Values of Mittal Group of Institutes**

#### **Learning —**

An ecosystem that brings together the best of classroom and practical learning.

#### **Freedom —**

To discover the talents, strengths and passion in academics and life-skills.

#### **Leadership —**

To instill integrity in our students and the spirit that nothing is impossible.

**Opportunity —** Opening doors for students and faculty to develop their potential to the optimum.

#### **Responsibility —**

To serve as a catalyst for positive change in India.

N.C.C. and N.S.S. acts as an important auxiliary unit of the College. With the pious intention of increasing the knowledge database, the college regularly holds seminars, workshops, training programs and special lectures. These academic programs not only provide intellectual stimulation to staff and students but it has also generated awareness amidst the minority community as visible patterns of change are fast emerging in the adjoining locales. Thus, while serving the minority community the college is also serving the society in full earnestness. We hope in times to come it will enhance its quality and enlarge its horizons.

With the cumulative efforts of dedicated managing committee, administrative authorities, highly qualified staff members, and other stakeholders the college is marching ahead to provide higher education by blending traditional and technological education. We consistently try our best to develop the infrastructure of the college and to ensure that latest facilities reach the students. Extracurricular, and co- curricular outreach programmes and special lectures are the regular feature of the college. The college stands accredited by NAAC in grade 'B'.



## 2 Geographic Details

Name : Mittal group of institutes  
Bhopal

Locality : Urban

Country : India

State : Madhya Pradesh

District : Bhopal

Latitude: 23.2599      Longitude: 77.4126

### Biodiversity Regions

Hatayekheda Dam : 14.5 Km

Sattaikheda Dam : 16.8 km

Halali Dam : 35 Km

Lower Lake : 10.3 Km

Upper lake : 16.5 Km

Islamnagar : 8 Km

Bhanpur Khanti : 5 km

## **Biodiversity & its importance**

Biodiversity is a term which describes every living organism within a single ecosystem or habitat, including numbers and diversity of species and all environmental aspects such as temperature, oxygen and carbon dioxide levels and climate. Biodiversity can be measured globally or in smaller settings, such as ponds, fields or any small geographical area. Biodiversity also has a role to play in the stability of the ecosystem and global climate. Scientists have named three different levels of biodiversity: genetic diversity, species diversity, and ecosystem diversity. Together, they form a set of data that can describe the biodiversity of an area. The area can be large or small. We can look at the ecological biodiversity of the Himalayas, or of Madhya Pradesh, or the Satpura Range. On a smaller scale, we can describe the biodiversity of a local forest, park or pond. One might also look at the biodiversity of the human gut, or of a teaspoon of soil. These are all ecological habitats or ecosystems in which biodiversity can be measured. This book is an attempt to assess the species

diversity i.e. Species richness only considering the number of different species in an ecosystem.

The campus of Mittal Group of Institutes had a wide variety of natural floral & faunal Biodiversity as it was basically an agricultural land. While developing the campus there was a conscious effort to preserve its natural diversity and to enrich it by introducing plants of medicinal & aesthetic importance.

Presence of various species of Plants & trees in the campus attracts many species of birds, small reptiles and insects. Some large mammals like pigs, cats, dogs, mongoose etc who have made permanent nesting sites within the campus are also included in it. But occasional stray visitors for grazing (deliberately pushed inside the campus by local cattle grazers), cows, goats or Camels are not included.

## Floral Diversity

52 plants of different types have been broadly identified in the MGI Campus as under-

### 1. Aloe vera –



**Botanical name-**

*Aloe barbadensis* miller

**Family** – Asphodelaceae ( Liliaceae)

**Native** Central Africa

### 2. Zebra spider plant-

**Botanical name –**

*Chlorophytum comosum*

**Common name –**

Spider ivy and Ribbon plant

**Family** - Asparagaceae

**Native** - Tropical and Southern Africa, including Western Australia.



### 3.Snake plant -



**Botanical name -**

*Dracaena trifasciata*

**Common name –** Saint George's sword

**Family -** Asparagaceae

**Native -**Tropical West Africa from Nigeria east to the Congo.

### 4. Bryophyllum-



**Botanical name –**

*Kalanchoe pinnata*

**Common name -**

Pattar-chhata, Air plant, Good luck leaf, and Miracle leaf

**Family -** Crassulaceae

**Native-** Madagascar and South Africa

## 5. Bougainvillea-

**Botanical name** - *Bougainvillea glabra*

**Common name** - Paper Flower

**Family** - Nyctaginaceae

**Native**- Eastern South America



## 6. Palash-



**Botanical name**-

*Butea monosperma*

**Common name** –

Flame of the forest,  
Tesu and Bastard  
teak

**Family**- Fabaceae

**Native** - Tropical and  
subtropical parts of  
the Indian  
subcontinent &

Southeast Asia

## 7. Kamini



### **Botanical name**

*Murraya paniculata*

**Common name** - Kamini

**Family** - Rutaceae

**Native** - South Asia,  
Southeast Asia And  
Australia

## 8. Curry leaf-

**Botanical name** – *Murraya koenigii*

**Common name** –  
Curry leaf and Sweet Neem

**Family** -Rutaceae

**Native** -Asia



## 9. Marigold-



**Botanical Name –**

*Tagete spatula*

**Common Name -**

Marigold

**Family -**

Asteraceae

**Native –**South-

western, North

America,

tropical

America and

South America

## 10. Hibiscus –



**Botanical Name –**

*Hibiscus rosa sinensis*

**Common Name**

Hibiscus, China rose

**Family -**Malvaceae

**Native -** Subtropical  
and tropical regions

## 11. Gulmohar-



**Botanical name** – *Delonix regia*

**Common name** – Flame of the forest, Flame tree, Peacock flower and Royal Poinciana

**Family** - Fabaceae

**Native** - Madagascar



## 12. Amla –



**Botanical name**

Embalica  
officinallis

**Common name**

- Amla

**Family** -

Euphorbiaceae

**Native** -India

### 13. Pomegranate



**Botanical name**

*Punica granatum*

**Common name** Anar

**Family** - Lythraceae

**Native** - Northern  
India

### 14. Mango

**Botanical name-** *Mangifera indica*

**Common name** – Aam

**Family** - Anacardiaceae

**Native** - Indian  
subcontinent, where it is  
indigenous



## 15- Kaner



**Botanical name-**

*Nerium indicum*

**Common name –**

Kaner and Nerium

**Family-**

Apocynaceae

**Native-** Iran, the  
Indian subcontinent  
and Southern China

## 16. Euphorbia



**Botanical name**

*Euphorbia milii*

**Common name**

Crown of thorns.

**Family -**

Euphorbiaceae

**Native -** Madagascar

## 17. Banana

**Botanical name –**

*Musa acuminata*

**Common name –**

Banana

**Family -**Musaceae

**Native -** Tropical  
indomalaya and Australia

-



## 18. Kachnar



**Botanical name**

Bauhinia-variegata

**Common name -**

Kachnar

**Family -**Fabaceae

**Native -** An area  
from China through  
Southeast Asia

## 19. Saptparne



**Botanical Name –**  
*Rauwolfia*  
*serpentina*

**Common name –**  
sarpgandha

**Family -**  
Apocynaceae

**Native -** Tropical  
regions of Africa,  
Asia, Lat.

America.

## 20. Neem

**Botanical name**  
Azadirachta indica

**Common name**  
Neem or Margosa

**Family -**Meliaceae

**Native -** The Indian  
subcontinent and dry area.



## 21. Ber



**Botanical name-**

*Ziziphus  
mauritiana*

**Common name**

Ber

**Family -**

Rhamnaceae

**Native - India**

## 22. Babul



**Botanical name**

*Vachellia nilotica*

**Common name -** Gum  
arabic tree, Babul

**Family -**Fabaceae

**Native -** Africa



### 23. Areca Palm

**Botanical name –**

*Chrysalidocarpus lutescens*

**Common name** - Golden cane palm, Yellow palm or butterfly palm

**Family** -Arecaceae

**Native** - Madagascar



### 24. Dracaena



**Botanical name**

*Dracaena fragrans*

**Common name** - Female dragon

**Family** -Asparagaceae

**Native –**

Africa , Southern Asia

## 25. Rose



### **Botanical name**

*Rosa rubiginosa*

**Common name** - rose

**Family** -Rosaceae

**Native** -Europe , North America and North western Africa

## 26 .Cycas

### **Botanical name**

*Cycas revoluta*

**Common name** - Sago palm

**Family** -Cycadaceae

**Native** - Southern Japan including the Ryukyu islands





## 27 .Casuarina



**Botanical name –**

*Casuarina  
equisetifolia*

**Common name -**

Australian pine

**Family -**

Casuarinaceae

**Native -** Southeast  
Asia, & Australia

## 28.Chrysanthemum



**Botanical name**

*Chrysanthemum sp*

**Common name –**

Guldaudi

**Family -**Asteraceae

**Native -** East asia and  
Europe

## 29. Cock flower

**Botanical name** *Celosia argentea*

**Common name** -

Cockscombs

**Family** -Amaranthaceae



## 30. Aster



**Botanical name** -

*Aster tripolium*  
(hybrid)

**Common name** -

Aster

**Family** - Asteraceae

**Native** - North  
America

### 31. Milkweed



**Botanical Name**

*Euphorbia hirta*

**Common name** - Snake weed

**Family** -Euphorbiaceae

**Native** – Tropical America

### 32. Gajar ghass

**Botanical name** –  
Parthenium  
hysterophorus

**Common name** –  
Gajar grass

**Family** - Asteraceae

**Native** - American tropics



### 33. Bamboo



**Botanical name -**

*Bambusa vulgaris*

**Common name -**

Bamboo

**Family -**Poaceae

**Native -** Indochina  
and Yunnan

### 34. Gardenia



**Botanical Name**

*Cape jasmine*

**Common name**

Gardenia

**Family -** Rubiaceae

**Native -** Asia

### 35. Guava

**Botanical name**

*Psidium guajava*

**Common name**

Yellow guava and lemon  
guava

**Family** - Myrtaceae

**Native** - Caribbean ,  
Central America and south America



### 36. Duranta



**Botanical name**

*Duranta erecta*

**Common name**

Sky flower

**Family** - Verbenaceae

**Native** - Mexico to  
South America

### 37.Lantana



**Botanical name** - *Lantana camara*

**Common name** - Guphool

**Family** - Verbenaceae

**Native** - Africa and  
Tropical regions of the  
America

### 38.Dandelion

**Botanical name** -

**Common name** -Bitterwort,  
blow- ball,

**Family** -Asteraceae

**Native** - Africa and Tropical  
regions of the America



### 39.Datura



**Botanical name –**  
*Datura stramonium*

**Common name -** thorn  
apple,

**Family -** Solanaceae

**Native -** Indian  
Subcontinent

### 40 .Calotropis



**Botanical name –**  
*Calotropis procera*

**Common name -** Akoua

**Family -** Apocynaceae

**Native -** Indochina, South  
Asia, Western Asia,  
tropical Africa and North  
Africa



#### 41. Chuimui

**Botanical Name –**

*Mimosa pudica*

**Common name**

touch me not

**Family -** Fabaceae

**Native -** American



#### 42. Wild poppy



**Botanical name –**

*Argemone*

*mexicana*

**Common name -**

Poppy, Mexican

**Family-**

Papaveraceae

**Native -** Western US  
and Mexico



### 43.Kantakari



**Botanical name**

*Solanum  
xanthocarpum*

**Common name -**  
Kantakarikula

**Family -**  
Solanaceae

**Native** –Tamilnaidu

-

### 44.Cocklebur

**Botanical name -**  
*Xanthium strumarium*

**Common name**  
Cocklebur, Broad bur,  
Burdock datura and  
chotadatura

**Family -** Asteraceae

**Native -** Americans and  
Eastern Asia



#### 45. Tuja



**Botanical name –**  
*Thuja occidentalis*

**Common name -**  
American arbor-  
vitae, Vidhya

**Family -**  
Cupressaceae

**Native –** USA &  
Canada

#### 46. Mogra



**Botanical name-**  
*Jasminum sambac*

**Common name -**  
Arabian jasmine

**Family -** Oleaceae  
(Jasmine family)

**Native -** Tropical  
asia

## 47. Ipomea

**Botanical name-**

*Ipomoea carnea*

**Common name -** Bush morning glory, water convolvulaceae

**Family-** Convolvulaceae

**Native -** Warm climates



## 48.. Bindweed.



**Botanical Name -**

*Convolvulus arvensis*

**Common name -**

bindweed, and morning glory

**Family-**

Convolvulaceae

**Native -** Europe and

Asia

#### 49. Ashoka plant



**Botanical name –**

*Saraca asoca*

**Common name –**

Ashoka

**Family -**

caesalpinaceae

**Native –** Indian  
subcontinent

#### 50. Purple heart,

**Botanical name –**

*Tradescantia pallida*

**Common name -** Purple heart,  
and purple queen

**Family –** Commelinaceae  
( Day flower family)

**Native -** Mexico



## 51. False Daisy



**Botanical name –**

Eclipta sp

**Common name-**

False daisy

**Family -**

Asteraceae

**Native -** India and  
Bangladesh

## 52. Emerald Palm



**Botanical name -**

*Zanzibar gem*

**Common name-**

Zuzu plant,  
emerald palm

**Family -** Araceae

**Native –**

Northern east  
South Africa

## 5. Faunal Diversity-

Animals are always in transit; their population varies according to season & diurnal cycle. Some birds, insects, rodents, small mammals, snakes, other reptiles, crab, butterflies, etc. sighted in the campus are here by listed under categories

- ✓ Birds
- ✓ Bats
- ✓ Insects
- ✓ Rodents
- ✓ Cats
- ✓ Snake And Reptiles
- ✓ Butterflies

### 1. BLACK DRONGO



**Kingdom:** Animalia

**Phylum:**Chordata

**Class:** Aves

**Order:**

Passeriformes

**Family:** Dicruridae

**Genus & Species:**

*Dicrurus adsimilis*

## 2. HOUSE CROW

**Kingdom** : Animalia  
**Phylum** : Chordata  
**Class** : Aves  
**Order** : Passeriformes  
**Family** : Corvidae  
**Genus & Species** : *Corvus splendens*



## 3. LAUGHING DOVE



**Kingdom:** Animalia  
**Phylum:** Chordata  
**Class:** Aves  
**Order:** Columbiformes  
**Family:** Columbidae  
**Genus & Species:**  
*Spilopelia senegalensis*



#### 4 .BLUE ROCK PIGEON

**Kingdom:** Animalia

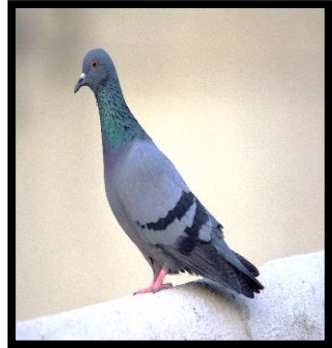
**Phylum:**Chordata

**Class:** Aves

**Order:**Columbiformes

**Family:**Columbidae

**Genus & Species:** *Columba livia*



#### 5 .HOUSE SPARROW

**Kingdom:** Animalia

**Phylum:**Chordata

**Class:** Aves

**Order:**Passeriformes

**Family:** Passeridae

**Genus & Species:**

*Passer domesticus*





## 6. INDIAN ROBIN



**Kingdom:** Animalia  
**Phylum:** Chordata  
**Class:** Aves  
**Order:** Passeriformes  
**Family:** Muscicapidae  
**Genus & Species :**  
*Copsychus  
fulicatus*

## 7. ORIENTAL MAGPIE ROBIN



**Kingdom:** Animalia  
**Phylum:** Chordata  
**Class:** Aves  
**Order:** Passeriformes  
**Family:** Muscicapidae  
**Genus & Species :** *Copsychus  
saularis*

## 8. PURPLE SUNBIRD

Kingdom: Animalia  
Phylum: Chordata  
Class: Aves  
Order: Passeriformes  
Family: Nectariniidae  
Genus: *Cinnyris*  
Species: *C. asiaticus*



## 9. HOOPOE



Kingdom: Animalia  
Phylum: Chordata  
Class: Aves  
Order: Bucerotiformes  
Family: Upupidae  
Genus: Upupa

## 10. RED WATTLED LAPWING



Kingdom: Animalia  
Phylum: Chordata  
Class: Aves  
Order: Charadriiformes  
Family: Charadriidae  
Genus: *Vanellus*

## 11 .WHITE BREASTED WATERHEN

Kingdom: Animalia  
Phylum: Chordata  
Class: Aves  
Order: Gruiformes  
Family: Rallidae  
Genus: *Amaurornis*  
Species: *A. phoenicurus*



## 12. MEDIAN EGRET



**Kingdom:** Animalia  
**Phylum:** Chordata  
**Class:** Aves  
**Order:** Pelecaniformes  
**Family:** Ardeidae  
**Genus:** *Ardea*  
**Species:** *A. intermedia*

## 13. CATTLE EGRET



**Kingdom:** Animalia  
**Phylum:** Chordata  
**Class:** Aves  
**Order:** Pelecaniformes  
**Family:** Ardeidae  
**Genus:** *Bubulcus*

## 14 .INDIAN POND HERON

**Kingdom:** Animalia  
**Phylum:** Chordata  
**Class:** Aves  
**Order:** Pelecaniformes  
**Family:** Ardeidae  
**Genus:** Ardeola  
**Species:** *A. grayii*



## 15 .SMALL BLUE KING FISHER



**Kingdom:** Animalia  
**Phylum:** Chordata  
**Class:** Aves  
**Order:** Coraciiformes  
**Family:** Alcedinidae  
**Subfamily:** Alcedininae  
**Genus:** Alcedo  
**Species:** *A. atthis*

## 16. COMMON TAILORBIRD



**Kingdom:** Animalia  
**Phylum:** Chordata  
**Class:** Aves  
**Order:** Passeriformes  
**Family:** Cisticolidae  
**Genus:** Orthotomus  
**Species:** *O. sutorius*

## 17. JUNGLE BABBLER

**Kingdom:** Animalia  
**Phylum:** Chordata  
**Class:** Aves  
**Order:** Passeriformes  
**Family:** Leiothrichidae  
**Genus:** Argya  
**Species:** *A. striata*



## 18. ROSE RINGED PARAKEET



**Kingdom:** Animalia  
**Phylum:** Chordata  
**Class:** Aves  
**Order:** Psittaciformes  
**Family:** Psittaculidae  
**Genus:** *Psittacula*  
**Species:** *P. krameri*

## 19. RED VENTED BULBUL



**Kingdom:** Animalia  
**Phylum:** Chordata  
**Class:** Aves  
**Order:** Passeriformes  
**Family:** Pycnonotidae  
**Genus:** *Pycnonotus*  
**Species:** *P. cafer*



## 20.Greater coucal

**Kingdom:** Animalia  
**Phylum:** Chordata  
**Class:** Aves  
**Order:** Cuculiformes  
**Family:** Cuculidae  
**Genus:** Centropus  
**Species:** *C. sinensis*



## 21-BARN OWL



**Kingdom:** Animalia  
**Phylum:** Chordata  
**Class:** Aves  
**Order:** Strigiformes  
**Family:** Tytonidae  
**Genus:** Tyto  
**Species:** *T. alba*

## 22-SPOTTED OWLET



**Kingdom:** Animalia  
**Phylum:** Chordata  
**Class:** Aves  
**Order:** Strigiformes  
**Family:** Strigidae  
**Genus:** Athene  
**Species:** *A. brama*

## 23-INDIAN PEAFOWL



**Kingdom:** Animalia  
**Phylum:** Chordata  
**Class:** Aves  
**Order:** Galliformes  
**Family:** Phasianidae  
**Genus & Species :** *Pavo cristatus*

## 24-COMMON MYNA



**Kingdom:** Animalia  
**Phylum:** Chordata  
**Class:** Aves  
**Order:** Passeriformes  
**Family:** Sturnidae  
**Genus:** Acridotheres  
**Species:** *A. tristis*

## 25-BRAHMINY STARLING



**Kingdom:** Animalia  
**Phylum:** Chordata  
**Class:** Aves  
**Order:** Passeriformes  
**Family:** Sturnidae  
**Genus:** *Sturnia*  
**Species:** *S. pagodarum*

## 26-RUFOUS TAILED LARK

**Kingdom:** Animalia  
**Phylum:** Chordata  
**Class:** Aves  
**Order:** Passeriformes  
**Family:** Alaudidae  
**Genus:** Ammomanes  
**Species:** *A. phoenicura*



## 27-SHIKRA



**Kingdom:** Animalia  
**Phylum:** Chordata  
**Class:** Aves  
**Order:** Accipitriformes  
**Family:** Accipitridae  
**Genus:** Accipiter  
**Species:** *A. badius*

## 28-GREY WAGTAIL

**Kingdom:** Animalia  
**Phylum:** Chordata  
**Class:** Aves  
**Order:** Passeriformes  
**Family:** Motacillidae  
**Genus:** *Motacilla*  
**Species** *M. cinerea*



## 29-WHITE WAGTAIL



**Kingdom:** Animalia  
**Phylum:** Chordata  
**Class:** Aves  
**Order:** Passeriformes  
**Family:** Motacillidae  
**Genus:** *Motacilla*

### 30-ASIAN KOEL



**Kingdom:** Animalia  
**Phylum:** Chordata  
**Class:** Aves  
**Order:** Cuculiformes  
**Family:** Cuculidae  
**Genus:** *Eudynamys*  
**Species:** *E. scolopaceus*



### 31- COMMON SWIFT

**Kingdom:** Animalia  
**Phylum:** Chordata  
**Class:** Aves  
**Order:** Apodiformes  
**Family:** Apodidae  
**Genus:** *Apus*  
**Species:** *A. apus*

### 32-GREEN BEE EATER



**Kingdom:** Animalia  
**Phylum:** Chordata  
**Class:** Aves  
**Order:** Coraciiformes  
**Family:** Meropidae  
**Genus:** *Merops*  
**Species:** *M.orientalis*

### 33-ASIAN KITE



**Kingdom:** Animalia  
**Phylum:** Chordata  
**Class:** Aves  
**Order:** Accipitriformes  
**Family:** Accipitrida  
**Genus:** *Haliastur*  
**Species:** *indus*



## BATS



### 1. Fruit bat

**Kingdom:** Animalia  
**Phylum:** Chordata  
**Class:** Mammalia  
**Order:** Chiroptera  
**Suborder:** Yinpterochiroptera  
**Family:** Pteropodidae

## INSECTS

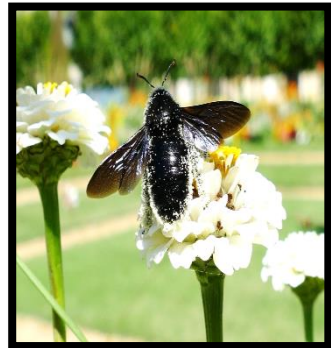
### 1- ANTS



**Kingdom:** Animalia  
**Phylum:** Arthropoda  
**Class:** Insecta  
**Order:** Hymenoptera  
**Infra order:** Aculeata  
**Super family:** Formicoidea  
**Family:** Formicidae

### 2-BUMBLEBEE

**Kingdom:** Animalia  
**Phylum:** Arthropoda  
**Class:** Insecta  
**Order:** Hymenoptera  
**Family:** Apidae  
**Tribe:** Bombini  
**Genus:** *Bombus*



### 3-HONEY BEE



**Kingdom:** Animalia  
**Phylum:** Arthropoda  
**Class:** Insecta  
**Order:** Hymenoptera  
**Family:** Apidae  
**Clade:** Corbiculata  
**Tribe:** Apini

### 4-WASP

**Kingdom:** Animalia  
**Phylum:** Arthropoda  
**Class:** Insecta  
**Order:** Hymenoptera  
**(unranked):** Unicalcarida  
**Suborder:** Apocrita



## 5-TERMITE

**Kingdom:** Animalia  
**Phylum:** Arthropoda  
**Class:** Insecta  
**Cohort:** Polyneoptera  
**Superorder:** Dictyoptera  
**Order:** Blattodea



## 6-DRAGON FLY



**Kingdom:** Animalia  
**Phylum:** Arthropoda  
**Class:** Insecta  
**Order:** Odonata  
**Suborder:** Epiprocta  
**Infraorder:** Anisoptera

## 7. SPIDER-



**Kingdom:** Animalia  
**Phylum:** Arthropoda  
**Subphylum:** Chelicerata  
**Class:** Arachnida  
**Order:** Araneae

## 8-CATERPILLAR



Many Caterpillars are visible during the rainy season. They have soft bodies that can grow rapidly between moults. Their size varies between species and instars (moults) from as small as 1 millimeter (0.039 in) up to 14 centimeters (5.5 in) some larvae of the order Hymenoptera (ants, bees, and wasps) can appear like the caterpillars of the Lepidoptera. Such larvae are mainly seen in the sawfly suborder.

## RODENTS

### 1-SQUIRREL



**Kingdom:** Animalia  
**Phylum:** Chordata  
**Class:** Mammalia  
**Order:** Rodentia  
**Suborder:** Sciuromorpha  
**Family:** Sciuridae

### 2-Mouse

**Class:** Mammalia  
**Family:** Muridae  
**Species:** *M. musculus*  
**Kingdom:** Animalia



## CATS

### HOUSE CAT-



**Kingdom:** Animalia  
**Phylum:** Chordata  
**Class:** Mammalia  
**Order:** Carnivora  
**Suborder:** Feliformia  
**Family:** Felidae  
**Subfamily:** Felinae  
**Genus:** *Felis*



## SNAKE AND REPTILES

### 1. BRAHMANI WARM SNAKE



**Kingdom:** Animalia  
**Phylum:** Chordata  
**Class:** Reptilia  
**Order:** Squamata  
**Suborder:** Serpentes  
**Family:** Typhlopidae  
**Genus:** Indotyphlops  
**Species:** *I. braminus*

### 2. SPECTACLE COBRA

**Kingdom:** Animalia  
**Phylum:** Chordata  
**Order:** Squamata  
**Family:** Elapidae  
**Genus:** Naja



### 3. RAT SNAKE



**Kingdom:** Animalia  
**Phylum:** Chordata  
**Order:** Squamata  
**Family:** Colubridae  
**Genus:** *Ptyas*  
**Species:** *mucos*

### 4. STRIPED KEEL BACK



**Kingdom:** Animalia  
**Phylum:** Chordata  
**Order:** Squamata  
**Family:** Colubridae  
**Genus :** *Amphiesma*  
**Species:** *stolatum*

## 5- CHECKERED KEEL BACK

**Kingdom:** Animalia  
**Phylum:** Chordata  
**Class:** Reptilia  
**Order:** Squamata  
**Suborder:** Serpentes  
**Family:** Colubridae  
**Genus:** *Fowlea*  
**Species:** *F. piscator*

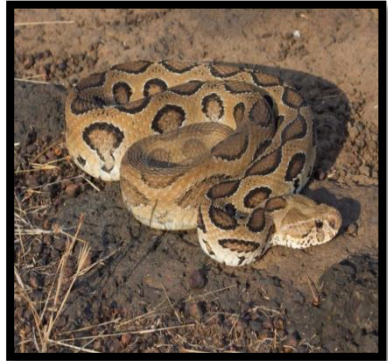


## 6. COMMON KRAIT

**Kingdom:** Animalia  
**Phylum:** Chordata  
**Class:** Reptilia  
**Order:** Squamata  
**Suborder:** Serpentes  
**Family:** Elapidae  
**Genus:** *Bungarus*  
**Species:** *B. caeruleus*

## 7- RUSSELL VIPER

**Kingdom:** Animalia  
**Phylum:** Chordata  
**Class:** Reptilia  
**Order:** Squamata  
**Suborder:** Serpentes  
**Family:** Viperidae  
**Genus:** *Daboia*  
**Species:** *D. russelii*



## 8- COMMON SAND BOA

**Kingdom:** Animalia  
**Phylum:** Chordata  
**Class:** Reptilia  
**Order:** Squamata  
**Suborder:** Serpentes  
**Family:** Boidae  
**Genus:** *Gongylophis*  
**Species:** *G. conicus*



## 9- COMMON HOUSE GECKO LIZARD



**Kingdom:** Animalia  
**Phylum:** Chordata  
**Class:** Reptilia  
**Order:** Squamata  
**Family:** Gekkonidae  
**Genus:** *Hemidactylus*  
**Species:** *H. frenatus*

## 10-GARDAN LIZARD



**Kingdom:** Animalia  
**Phylum:** Chordata  
**Class:** Reptilia  
**Order:** Squamata  
**Suborder:** Iguania  
**Family:** Agamidae  
**Genus:** *Calotes*  
**Species:** *C. versicolor*

## 11. SKINK



**Kingdom:** Animalia  
**Phylum:** Chordata  
**Class:** Reptilia  
**Order:** Squamata  
**Super family:** Scincoidea  
**Family:** Scincidae

## BUTTERFLY

### 1- COMMON JEZEBEL

**Kingdom**     Animalia

**Phylum:** Arthropoda

**Order:** Lepidoptera

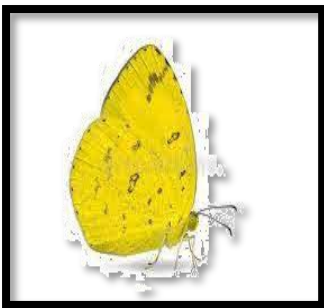
**Family:** Pieridae

**Genus:**         *Delias*

**Species:**       *eucharis*



### 2-COMMON GRASS YELLOW



**Kingdom:**     Animalia

**Phylum:** Arthropoda

**Order:**         Lepidoptera

**Family:**         Pieridae

**Genus:**         *Eurema*

**Species:**       *hecabe*



### 3-COMMON LEOPARD



**Kingdom:** Animalia

**Phylum:** Arthropoda

**Order:** Lepidoptera

**Family:** Nymphalidae

**Genus:** *Phalanta*

**Species:** *phalantha*

### 4-COMMON EVENING BROWN

**Kingdom:** Animalia

**Phylum:** Arthropoda

**Order:** Lepidoptera

**Family:** Nymphalidae

**Genus:** *Melanitis*

**Species:** *leda*



## 5- COMMON TIGER

**Kingdom:** Animalia  
**Phylum:** Arthropoda  
**Order:** Lepidoptera  
**Family:** Nymphalidae  
**Genus:** *Danaus*  
**Species:** *genutia*



## 6-COMMON SAILER

**Kingdom:** Animalia  
**Phylum:** Arthropoda  
**Order:** Lepidoptera  
**Family:** Nymphalidae  
**Genus:** *Neptis*  
**Species:** *hylas*



## 7-COMMON CROW

**Kingdom:** Animalia  
**Phylum:** Arthropoda  
**Order:** Lepidoptera  
**Family:** Nymphalidae  
**Genus:** *Euploea*  
**Species:** *core*



## 8-CHOCOLATE PANSY

**Kingdom:** Animalia  
**Phylum:** Arthropoda  
**Order:** Lepidoptera  
**Family:** Nymphalidae  
**Genus:** *Junonia*  
**Species:** *iphita*



