

Autonomous College - Affiliated to Osmania University
Accredited with 'A' grade by NAAC
Sainikpuri, Secunderabad - 500094



NAAC RE-ACCREDITATION - 2ND CYCLE

Criterion VII: Institutional
Values and Best
Practices

7.1.5
Green Campus
Initiatives

Submitted to

**National Assessment and Accreditation Council** 

### General Instructions For All First Year UG Students

### 2019-2020

24-6-2019

Bhavan's Vivekananda College welcomes all the first year UG students to the college. Students should abide by the following instructions.

- 1) The college starts at 9.30 am with the morning assembly. Students should be punctual to college everyday and assemble for the morning prayer/assembly near the Vivek Bharti stage in the campus.
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- 5) Avail the college sports facilities, library and laboratories optimally to enrich your experience in the college.
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- 7) Students should display good behaviour and discipline in the classrooms and in the campus.

Sainitouri.

PRINCIPAL

(Dr. Y. ASHOK)
PRINCIPAL

Bhavan's Vivekananda College of Science Humanities & Commerce Sainikpuri, R.R. (Dist.)

### General Instructions For All First Year UG Students

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Saintipuri, R.R. Dist.

PRINCIPAL

### General Instructions For All First Year UG Students

### 2017-2018

28-6-2017

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Salmikpuri.
R.R. Dist.
R.R. Dist.

PRINCIPAL

## General Instructions For All First Year UG Students 2016-2017

22-6-2016

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Sainilipuri, R.R. Dist.

Principal

## General Instructions For All First Year UG Students 2015-2016

3/07/2015

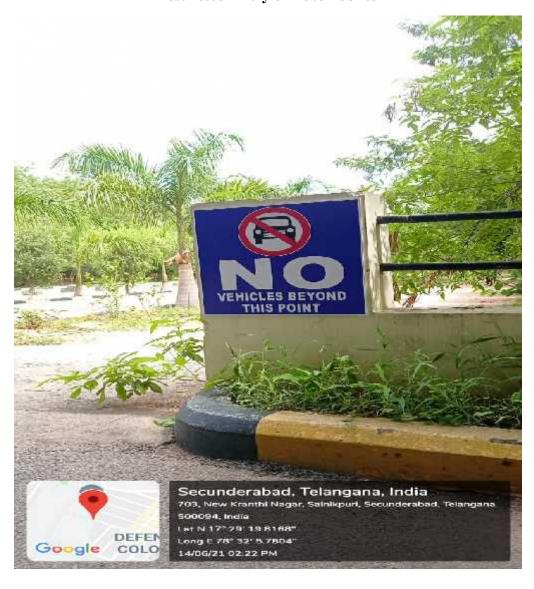
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## **Restricted Entry of Automobiles**



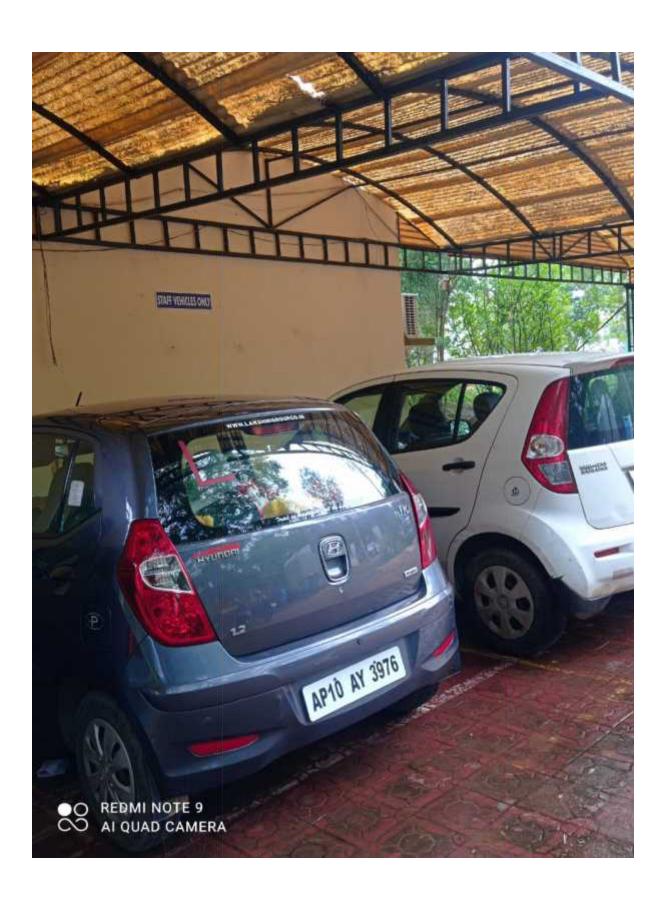


## **Restricted Entry of Automobiles**













Bhavan's Vivekananda College
of Science, Humanities & Commerce
Estd: 1993- Affiliated to Osmania University- Sainikpuri, Secunderabad -500094
Autonomous College

Accredited with 'A' grade by NAAC

16.08.2017

## **CIRCULAR**

As a part of Languages Day celebration, Department of Languages is conducting a competition "Tour de Bhavan's" on 24th August 2017. Participants should have knowledge of French as the clues will be given in French and they have to cycle their way round the campus and find the hidden treasure.

Interested students may register yourself with the French faculty members by 22nd August 2017.

Dr. C. Kameswain

Dr. C. Kameswari.

(Head, Department of Languages).

Prof Y Ashok

(Principal, BVC)

## Languages Day Activity: Tour De Bhavan's 2017-18

Students went on a treasure hunt in the Bhavan's campus on cycles deciphering clues given in French language.





## Use of Bicycles





# Use of Bicycles

https://bhavansvc.ac.in/Social\_Responsibilities.html

## **Pedestrian friendly pathways**













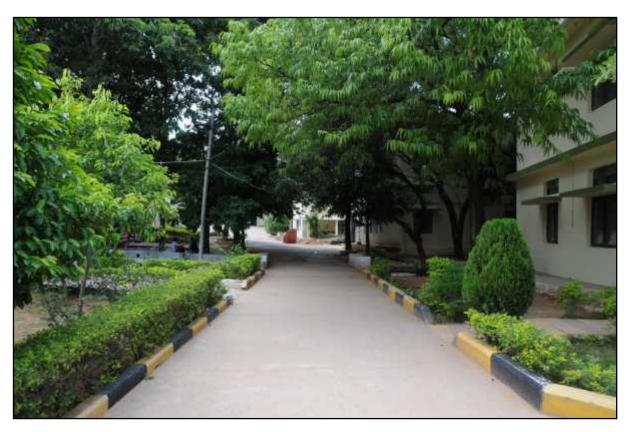


















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Saintipuri, R.R. Dist.

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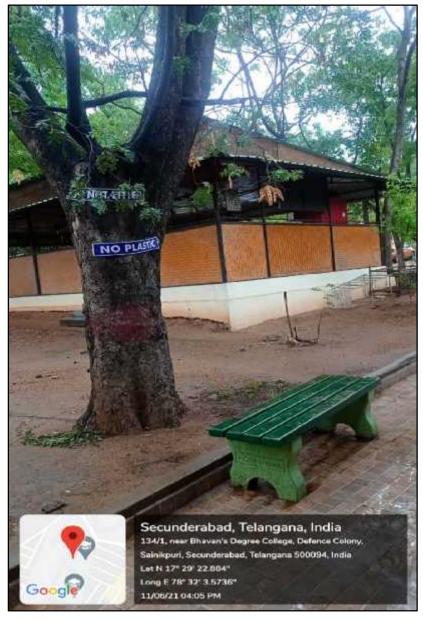
Principal

**Display Boards** 



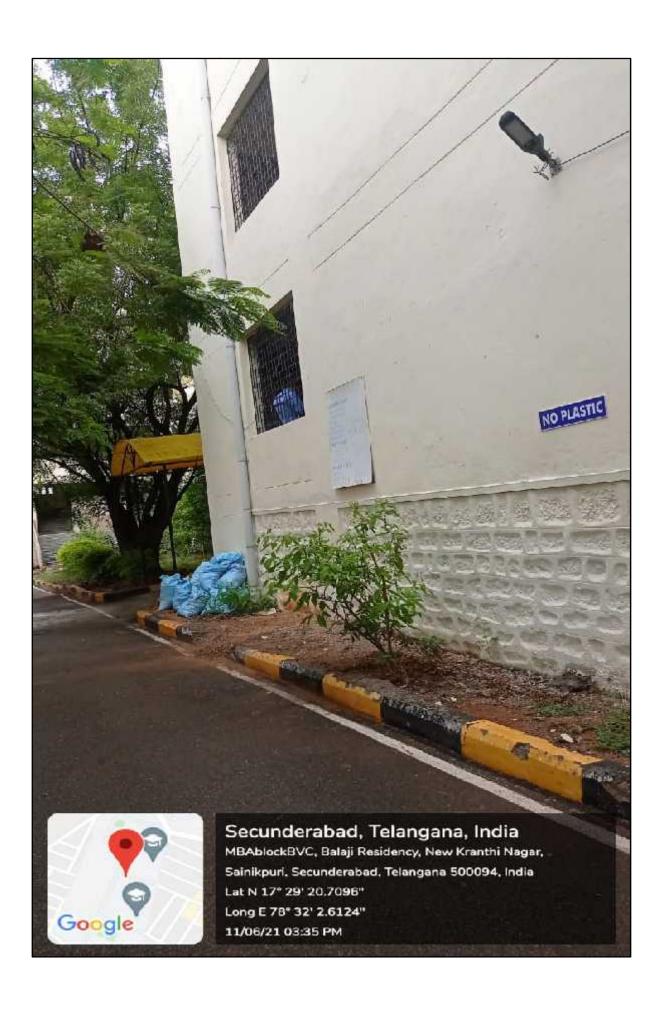
## **Display Boards**

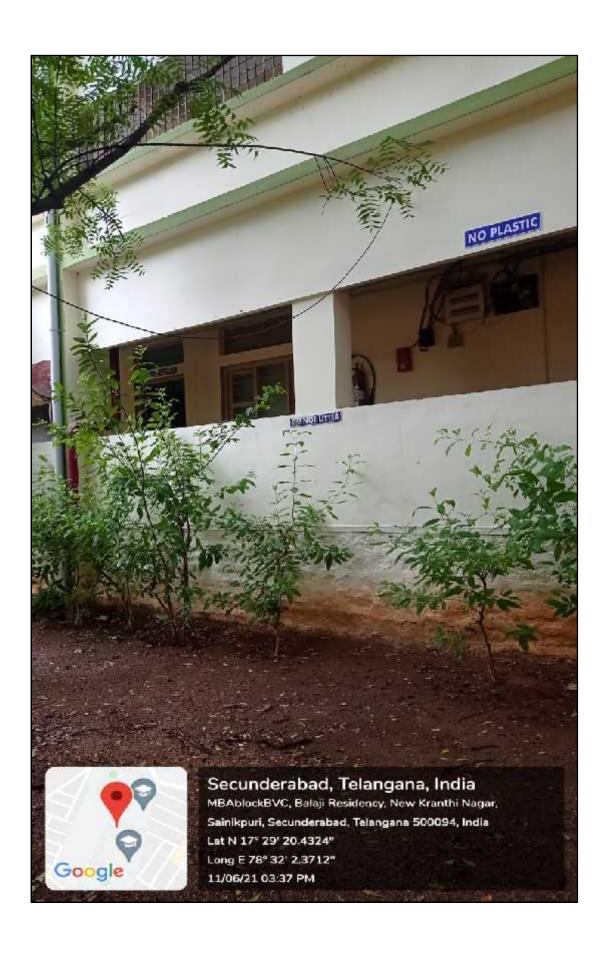


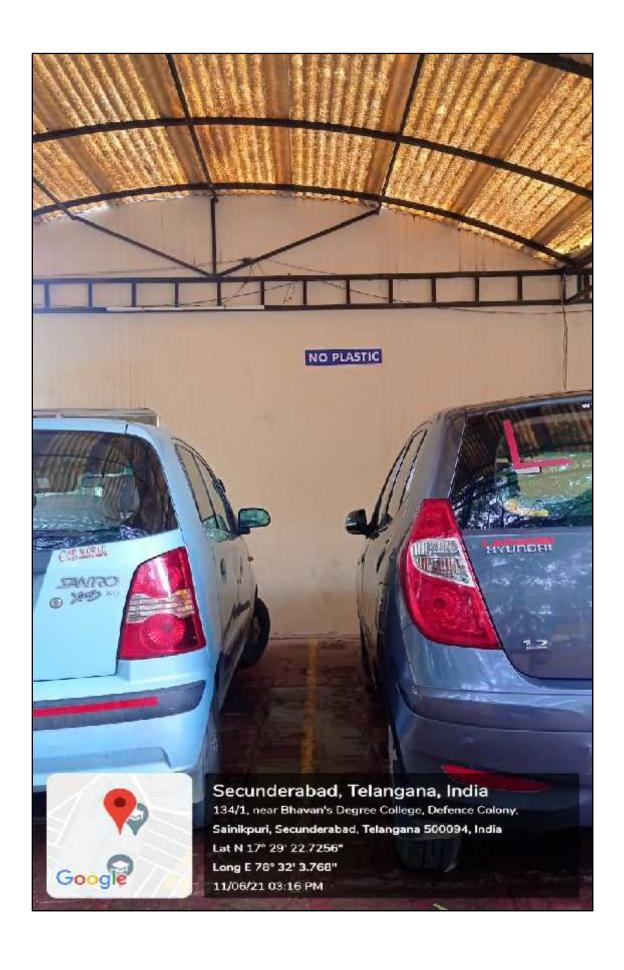


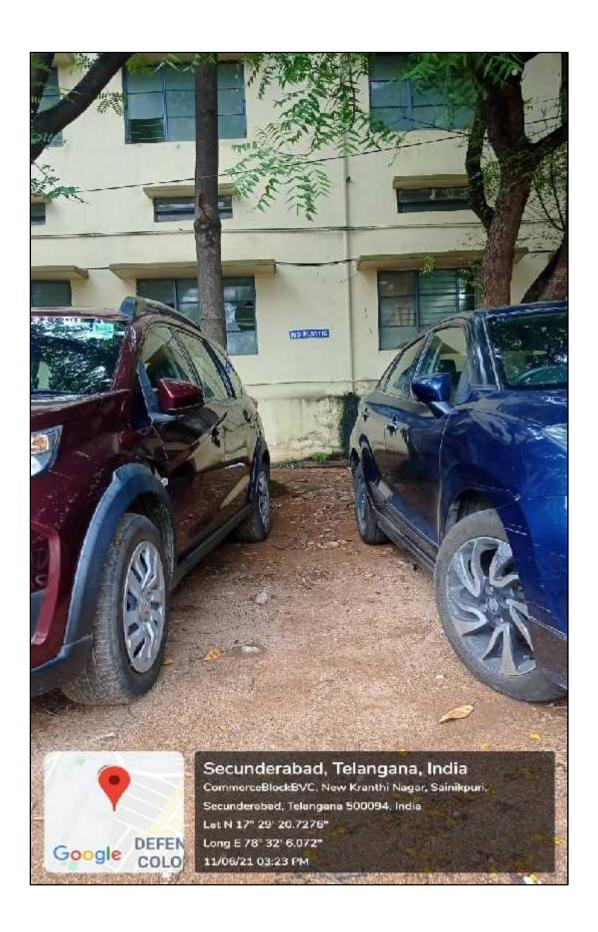














# BHAVAN'S VIVEKANANDA COLLEGE

## OF SCIENCE, HUMANITIES & COMMERCE

Sainikpuri, Secunderabad-500094

#### CIRCULAR

11/7/2018

The greEnergy club of the college is undertaking the Green Audit. As part of the program the club wishes to do a survey and enumerate the trees and plants to prepare a list and also to tag all the plants and trees on the campus with their common name and family names.

The NSS Unit of the college is ready to render their services in this regard. Interested students who wish to take part in this event may give their names to Mr. P Srinivas - NSS Program officer by 13<sup>th</sup> July 2018.

Dr Jyoti Nayar

Coordinator,

greEnergy Club

Prof Y Ashok

(Principal, BVC)

(Dr. Y. ASHOK)
PRINCIPAL
Bhavan's Vivekananda College of Science
Humanities & Commerce
Sainikpuri, R.R. (Dist.)

#### **List of Plants**

The college has nearly **78** different plant species that includes ornamental plants, potted plants, shrubs, herbs, trees and grass.

The campus is lush green with trees rich in medicinal values, such as *Neem, Areca palm, Bottle brush, Bauhinia, Cassia, Delonix, Jacaranda, Tecoma, Tabebuia, Cymbopogoncitratus, Emblica, Lagerstroemia, Ocimum gratissimum, Mimusopselengi.*The management encourages the students and staff to participate in tree plantation programmes regularly on the campus.

S No	Scientific Name
1	Acalypha wilkesiana tricolor
2	Acalypha hispida
3	Acalypha wilkesiana forma circinata
4	Acalypha wilkesiana macrophylla
5	Achrus sapota
6	Aegle marmelos
7	Allamanda violacia
8	Allamanda cathartica
9	Aloe vera
10	Alstonia scholaris
11	Alternanthera bettzickiana
12	Araucaria heterophylla
13	Artabotrys odoratissimus
14	Azadirachta indica
15	Bambusa
16	Bauhinia racemosa
17	Bauhinia blakiana
18	Bougainvillea spectabilis
19	Bougainvillea rubraplana
20	Butea monosperma
21	Caesalpinia pulcherrama
22	Callistemon speciosus (Bottle brush)
23	Calotropis gigantean
24	Carica papaya
25	Caryota mitis
26	Cestrum nocturnum
27	Chlorophytum glaucum
28	Chrysalidocarpus lutescens
29	Crotolaria trifolia
30	Cycas revolute
31	Cyperus alternifolius
32	Delonix regia
33	Dieffenbachia seguine
34	Dracaena fragrans
35	Dracaena marginata
36	Dracaena reflexa
37	Dracaena sanderiana
38	Duranta erecta
39	Echeveria agavoides
S No	Scientific Name

40	T 1 1	
40	Eucalyptus sideroxylon	
41	Euphorbia mili	
42	Ficus religiosa	
43	Furcraea giganteamediopicta	
44	Hibiscus rosa-sinensis	
45	Ixora chinensis	
46	Ixora duffii	
47	Ixora singaporensis	
48	Jatropha curcas	
49	Jatropha panduraefolia	
50	Lagerstroemia indica	
51	Lantana camara	
52	Leucaena leucocephala	
53	Livistonia rotundifolia	
54	Mangifera indica	
55	Michelia champaca	
56	Millingtonia hortensis	
57	Mimusops elengi	
58	Neolamarckia cadamba	
59	Nerium odorum	
60	Nyctanthes arbor-tristis	
61	Peltophorum pterocarpum	
62	Phyllanthus emblica	
63	Plumeria alba	
64	Polyalthia longifoliavar.pendula	
65	Pongamia pinnata (Biodiesel plant)	
66	Psidium guajava	
67	Rosa sps.	
68	Spathodea campanulata	
69	Syzygium cumini	
70	Tabernaemontana coronaria	
71	Tabernaemontana variegate	
72	Tamarindus indica	
73	Tecoma stans	
74	Terminalia catappa	
75	Thuja orientalis	
76	Thunbergia erecta	
77	Moringa olifera	
78	Prunus dulcis	

# Landscaping with trees and plants

https://www.youtube.com/watch?v=dHeiXif8qVo

























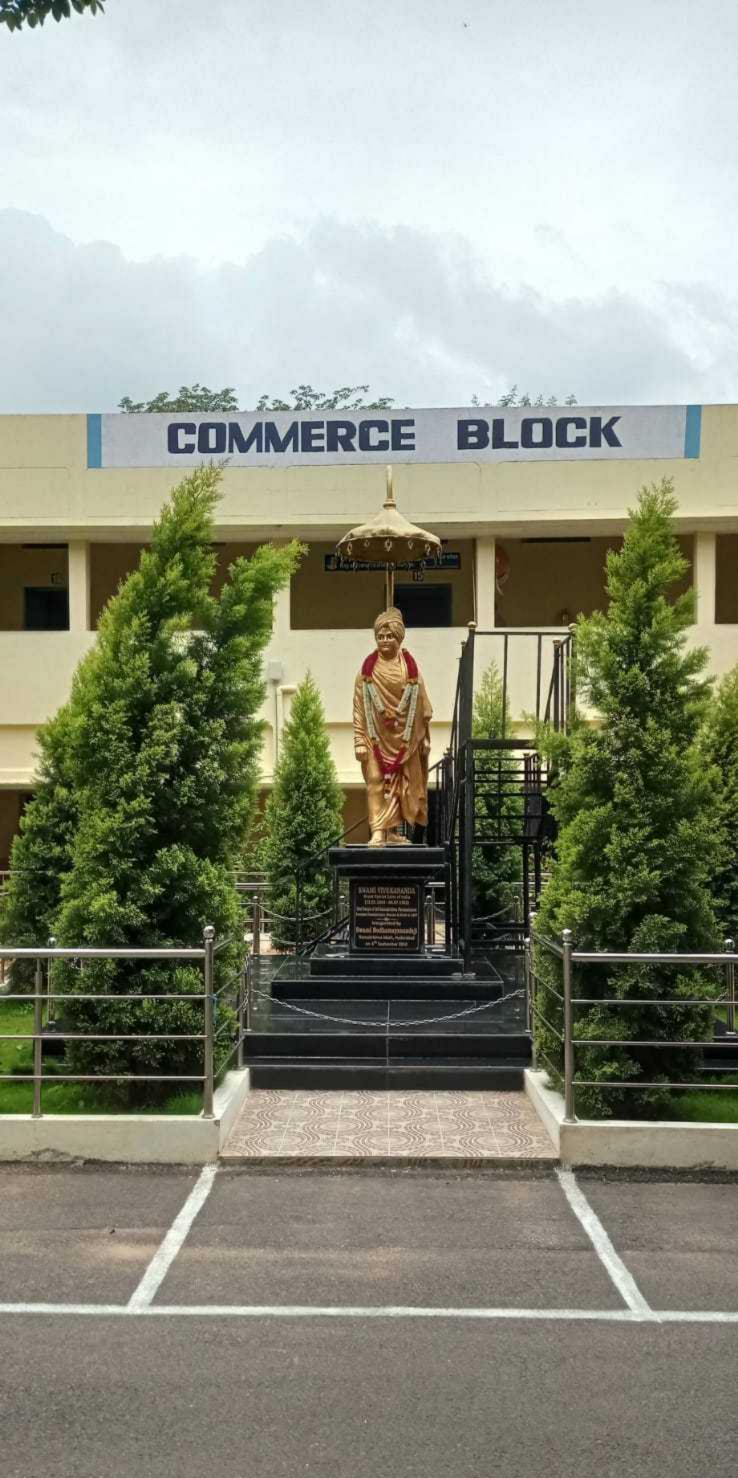














#### BHAVAN'S VIVEKANANDA COLLEGE

OF SCIENCE, HUMANITIES AND COMMERCE (Accredited with 'A' Grade by NAAC) Autonomous College – Affiliated to Osmania University

PG and MBA First Year (2019-21 Batch) Induction Programme

16th September to 21st September, 2019

You are cordially invited for the one week induction program of PG and MBA first year students.

Day 1: Inaugural Session, Chief Guest Dr. Ratnakar.

Schedule of Orientation Program

Day 2 (17.9.21) : Departmental orientation program

Day 3 (18.9.21) : Visit to library, campus and laboratories & Tree Plantation

Day 4 (19.9.21) : Importance of Communication Skills & Life Skills

Day 5 (20.9.21) : Orientation Program - Career Guidance by CGPC

Day 6 (21.9.21) : An overview of MOOCs (SWAYAM)

Principal

(Dr. Y. ASHOK)
PRINCIPAL
Bhavan's Vivekananda College of Science
Humanities & Commerce
Sainikpuri, R.R. (Dist.)

#### 2019-20

#### **Tree Plantation Programme**

Six days orientation program for First year students all post graduate program of 2019-2021 batch, have taken part in a tree plantation program, arranged by the GreEnergy club of the College. Dr Jyothi Nayar, HoD, Dept of Genetics and Biotechnology coordinated this program. Faculty from PG departments of Biochemistry, Microbiology, Computer Science, MBA and M.Com along with new batch of students have taken part in this program very enthusiastically and planted good number of plants. This event created environmental concern amongst students and appreciated by everyone.







# BHAVAN'S VIVEKANANDA COLLEGE OF SCIENCE, HUMANITIES & COMMERCE

Sainikpuri, Secunderabad-500094

### CIRCULAR

20/7/2017

The NSS Unit of the college is planning a mass tree plantation on government's call of `TELANGANAKU HARITA HARAM' in the college on 29<sup>th</sup> July 2017. Sri Uma Maheshwar Rao, IPS has given his consent to be the chief guest for the program.

Sri I Y R Krishna Rao – Retd IAS, Chairman BVB Kendra and Air Cmde JLN Sastry – Vice Chairman, BVB Kendra will be accompanying the chief guest for the program.

All the students and NSS Volunteers may be present for the occasion and make it a grand success.

Prof Y Ashok

(Principal, BVC)

(Dr. Y. ASHOK)
PRINCIPAL
Bhavan's Vivekananda College of Science
Humanities & Commerce
Sainikpuri, R.R. (Dist.)

# 2017-18 **Report on Mass Tree Plantation-29/07/2017**

NSS unit organized a mass tree plantation –TELANGANAKU HARITHA HARAM, in the college on 29/07/2017. There were 100 volunteers participated from NSS unit. Sri I Y R IYR KrishnaRao, RetdIAS, Chairman BVC Kendra, Sri J L N Sastry VCM, Vice Chairman, BVC Kendra and Sri Uma Maheswar Rao IPS were the chief guest for the program. About 200 sampling were planted.



# Bhavan

# BHAVAN'S VIVEKANANDA COLLEGE

OF SCIENCE, HUMANITIES AND COMMERCE, SAINIKPURI, SENUNDERABAD-500094

Autonomous college- affiliated to Osmania University (Accredited with 'A' grade by NAAC)

12/2 COY 2 T BN NCC, SEC-BAD GROUP, AP & TELANGANA DIRECTORATE

# NOTICE

Date: 16/07/2016

All the NCC cadets of 12/2 coy are hereby informed that DDG-NCC, AP & T Directorate, is planning a mega tree plantation in association with Defence Research and Development Organisation(DRDO), at DRDO, Kanchanbagh, Hyderabad. on 20/07/2016.

In connection to above mentioned social service and community development activity, we have received messages from 2 T BN NCC for voluntary participation of the NCC cadets. Interested NCC cadet volunteers are instructed to contact Lt.(Dr.) V.Venu Madhav, ANO, 12/2 coy for registration and for further information.

Lt.(Dr.) V.Venu Madhav

ANO, 12/2 COY 2 T BN NCC.

Prof. Y.Ashok.

Principal, BVC.

### Report on MEGA TREE PLANTATION AT DRDO

Report on MEGA TREE PLANTATION AT DRDO			
SNo	Particulars	Description	
1	Name of the event	Mega tree plantation at DRDO	
2	Date(s) / Time	20/07/2016	
3	Venue	Defence Research and Development Organisation	
		(DRDO),KANCHANBAGH.	
4	In collaboration /	12/2 coy 2 T BN NCCand DRDO.	
	association with		
5	Total Number of	Bhavans Vivekananda College	
	participants	SD-06 Lecturer-1 Total-07	
6	VIP(S) PRESENT	-	
7	In charges (if any)	Sgt. Satyanarayana Reddy	
8	Highlights	1. Programme was organised by NCC at DRDO.	
		2. 6 cadets along with 1 lecturer have planned saplings with	
		DRDO staff.	
		3. All students actively participated in the Programme.	











# BHAVAN'S VIVEKANANDA COLLEGE OF SCIENCE, HUMANITIES & COMMERCE Sainikpuri, Secunderabad-500094

### CIRCULAR

18/7/2016

The greEnergy club, NCC & NSS Unit of the college are jointly organizing 'Tree plantation' as part of 'HARITA HARAM' project of the Telangana Government, in the college on 23<sup>rd</sup> July 2016. Mr Ramachander Reddy IAS, in charge DCP, Malkajgiri will be the chief guest for the event. Col M Vijay Rao – Director, BVC and Air Cmde JLN Sastry – Vice Chairman, BVB Kendra will be present on the occasion.

All the students, NCC Cadets and NSS Volunteers may take part actively during the event.

Prof Y Ashok

(Principal, BVC)

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#### 2016-17

#### Haritha Haram

#### Tree Plantation 23rd July 2016

GreEnergy club, NCC unit and NSS unit of the college jointly organized Tree Plantation Program as part of Haritha Haram project of the Telangana Govt. in the college premises. The chief guest for the programme was Mr Ramachander Reddy IAS, in charge DCP Malkajgiri. The other guests included Md. Rafeeq, ACP Bolaram, Dr Maithri and Mrs Jyothi from GHMC. A total of 300 saplings were planted in the college Campus. The whole program was actively carried out by the students and staff of the college led by the Principal, Prof. Y. Ashok, and Heads of the Departments. Air Comdr. J. L. N Sastry, (Retd.) VSM, Vice Chairman BVB, Sainikpuri Kendra and Col M. Vijay Rao, Hon Dir BVC, Sainikpuri also planted trees as part of the programme.





https://www.youtube.com/watch?v=dHeiXif8qVo

# Bhavan's Vivekananda College

Of Science Humanities & Commerce Sainikpuri Secunderabad

National Service Scheme

# **NOTICE**

All the NSS volunteers are here by informed that there is Haritha Haram – Tree Plantation Program at Dumping Yard – Jawahar Nager at Balaji Nager on 10-7-2016

All the interested students can give their names to Mr P Srinivasa (NSS PO) on or before 05-07-2016

Srinivasa P

NSS PO

Prof.Y.Ashok

Principal, BVC.

(Dr. Y. ASHOK) PRINCIPAL

Bhavan's Vivekananda College of Science Humanities & Commerce Sainikpuri, R.R. (Dist.)

Date:01-07-2016

#### NATIONAL SERVICE SCHEME

#### **Activities 2016-17**

#### Report on HARITHA HARAM 10th July 2016

NSS unit participated in HARITHA HARAM at GHMC dumping yard at Jawahar Nagar on 10<sup>th</sup> July 2016. The guest for the program was Sri K T Ramarao, Minister, Govt. of Telangana and he was not able to participate because of his busy schedule but the students enthusiastically volunteered (20 students from BVC) to plant the trees and plants to imbibe the culture of social responsibility.





# Polyhouse

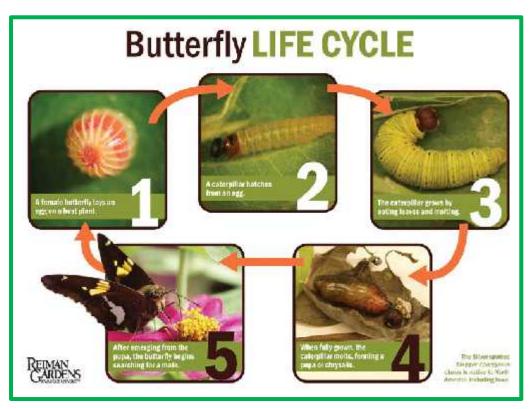




### Bhavan's Vivekananda College of Science, Humanities & Commerce Sainikpuri, Secunderabad – 500094 Autonomous College - Affiliated to Osmania University (Accredited with 'A' grade by NAAC)

#### **Butterflies on Campus- 2019-20**

The class Insecta is divided into a number of lesser groups or orders such as Coleoptera, Hymenoptera, Diptera and Lepidoptera. In these orders, Lepidoptera includes butterflies and moths. Lepidoptera means 'scaly winged' in *Greek* whereas 'Lepidos' stands for 'scale' and 'pteron' stands for 'wing'. The life cycle of a butterfly is well known. Here, the larval stage is the longest and the adult stage is probably the shortest which is required for mating and egg-laying. Therefore, due to this complex life cycle there are certain times of the year, where there is high butterfly diversity in an area and at other times, it is comparatively low. All the butterflies recorded on the campus were at their adult stage.



Credit: https://www.reimangardens.com/butterfly/what-are-the-different-life-stages-of-a-butterfly/

An important part of butterfly life cycle is the host plant(s). Each species of butterflies is dependent on one or more plant species for their survival during the early larva and pupa stages. This is because the larvae feeds on the leaves of only these species of plant(s) and no other. Therefore, these plants are called as larval host plants. The eggs are laid by the female on the host plant or near the host plant. There might be a case where the same plant can be a host for

more than one species. Hence if the host plant(s) go extinct, then the species of butterfly dependent on the host plant(s) will also go extinct.

Butterflies are classified into two superfamilies,

- **❖** Hespiriodea
- ❖ Pipilionoeda

Hesperiodea includes all the skippersand Papilionodea includes the rest. Hesperiodea consists of a single family of Hesperiidae (Skippers), whereas

*Papilionodea* has four families: Papilionidea (Swallowtails), Pieridae (White and Yellows), *Nymphalidae* (Brush-footed butterflies) and *Lycaenidae* (Blues). These are the families under which all the butterflies were recorded at Bhavan's Vivekananda College fall in.

At Bhavan's Vivekananda College, till now 20 species of butterflies were recorded. Although given the greenery and diversity of tree species, there could be more species that are yet to be recorded. The recorded butterfly species are arranged according to the family as follows:

#### I. Papilionidea

1. Papilio polytes Romulus (Indian Common Mormon)



Female, form romulusFemale, form cyrus



Female, form stichius

Male

# 2. Papilio demoleus demoleus (Northern Lime Swallowtail)



3. Graphium agamemnon menides (Dakhan Tailed Jay)



# II.Nymphalidae

1. Hypolimnas misippus (Danaid Eggfly)



Female Male

2. Junonia hierta hierta (Oriental yellow Pansy)3. Junonia lemonias (Chinese Lemon Pansy)



4. Euploea core core (Indian Common Crow)



### 5. Melanitis leda leda (Oriental Common Evening Brown)



6. Danaus chrysippus (Oriental Plain Tiger)7. Ariadne merione (Dakhan Common Castor)



### III. Pieridae

1. Catopsilia pomona Pomona (Oriental Lemon Emigrant)



2. Eurema hecabe hecabe3. Delias eucharis(Indian Jezebel) (Oriental Common Grass Yellow)



# IV. Lycaenidae

1. Curetis thetis (Indian Sunbeam)2. Zizeeria karsandra (Dark Grass Blue)



3. Prosotas nora ardates (Indian Common Lineblue)

4. Talicada nyseus nyseus (Indian Red Pierrot)





5. Chilades pandava pandava (Oriental Plains Cupid) 6. Catochrysops strabo strabo (Oriental Forget-me-not)



7. Euchrysops cnejus cnejus (Oriental Gram Blue)



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**Photos source:** All butterfly picture credits to Rohit Girotra and Biodiversity Atlas India