



GOVERNMENT COLLEGE KASARAGOD

VIDYANAGAR, KASARAGOD, KERALA, 671123

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NAAC 3RD CYCLE ACCREDITATION

GREEN CAMPUS INITIATIVES



GOVERNMENT COLLEGE KASARAGOD

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7.1: INSTITUTIONAL VALUES AND SOCIAL RESPONSIBILITIES

Green Campus Initiatives

Government College Kasaragod is progressing towards carbon neutral campus through different green activities.

BAMBUSETUM (Pachathuruth No. 534)

College is maintaining a rare germplasm collection of Bamboo species and allied species in the campus. Bambusetum comprises around 150 plants belonging to 51 species.

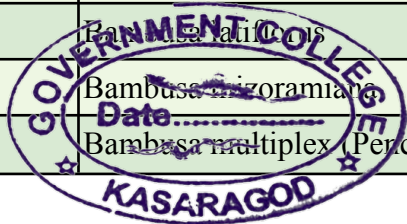
Bambusetum is one of the green activities to fight against CO₂ emission in the campus. It provides a cool atmosphere in the campus and also acts as an excellent habitat for several butterflies. The plantation activities in the Bambusetum were started in 2019 and plantation of new species continues every year.

LIST OF SPECIES IN THE BAMBUSETUM

	Name of Species
1	Assam gold [Shizostacheum brachycladum]
2	B.pallida
3	B.vulgaris - green
4	B.vulgaris -yellow
5	Bambusa varigata (White leaf)
6	Bambusa andamanica
7	Bambusa balcooa
8	Bambusa bambose
9	Bambusa caccharancis
10	Bambusa glaucescens - Bush Bamboo
11	Bambusa nana
12	Bambusa nigroramiata
13	Bambusa multiplex (Pencil Bamboo) (green)

Name and Signature of the Principal

Dr. Ananthapadmanabha A.L.

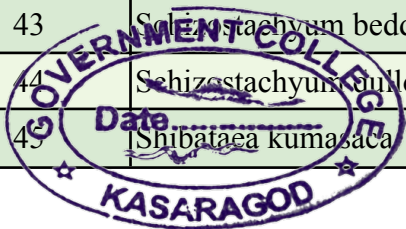


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14	Bambusa multiplex (yellow)
15	Bambusa nutans
16	Bambusa polymorpha
17	Bambusa tulda
18	Bambusa vulgaris wamin (Budhas belly) green
19	Black bamboo[Gigantochloa atrovioletata]
20	Burmese bamboo
21	Copper bamboo
22	Creeper bamboo[Dinochloa andamanica]
23	Dendrocalamus longispathus
24	Dendrocalamus asper
25	Dendrocalamus brandisii
26	Dendrocalamus giganteus [giant bamboo]
27	Dendrocalamus hamiltoni
28	Dendrocalamus membranaceus
29	Dendrocalamus sikkimensis
30	Dendrocalamus strictus (Mysore)
31	Dendrocalamus strictus (Nilambur, straight)
32	Garden Bamboo
33	Gigantochloa albociliata]
34	Gigantochloa nigrociliata
35	Guadua angustifolia
36	Melocanna baccifera
37	Ochlandra scriptoria
38	Ochlandra travancorica (Eetta)
39	Oxytenanthera parvifolia
40	Phyllostachis auris (Chinese bamboo)
41	Pseudoxytenanthera ritcheyi
42	Pseudoxytenanthera stocksii
43	Sclerostachyum beddomie
44	Schizostachyum pulloa
45	Shibataea kumasaca

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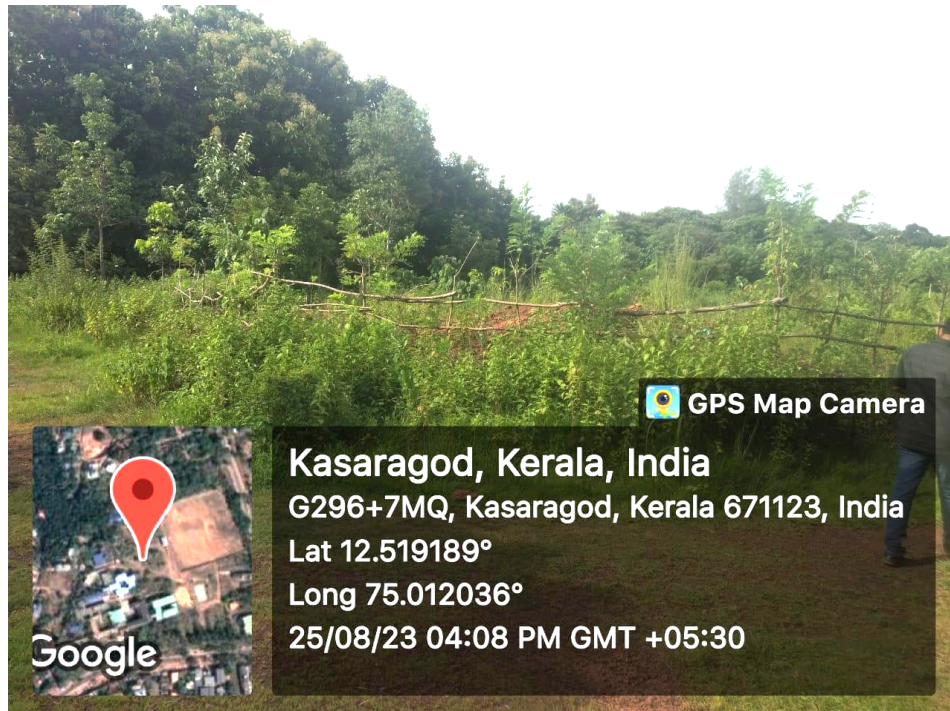


46	Thyrsostachis oliveri (Lathi bamboo)
47	Thyrsostachis siamensis[monastery bamboo]
48	Thysanolaena maxima -Tiger grass
49	White leaf –big[white dragon] Fargesia dracocephala
50	Dendrocalamus stocksii
51	Ochlandra beddomei



ENDEMIC GARDEN (PACHATHURUTH NO.533)

The endemic garden started in 2022 for conservation of rare endemic trees of Western Ghats. Presently seedlings of 80 rare endemic tree species collected by MSSRF Wayanad are growing in this garden. In 2023, 50 seedlings of *Saraca asoka* (Ashokam) were planted in this garden to increase the green cover of the campus. A part of the garden is now used for the plantation of Larval Host plants of butterflies.

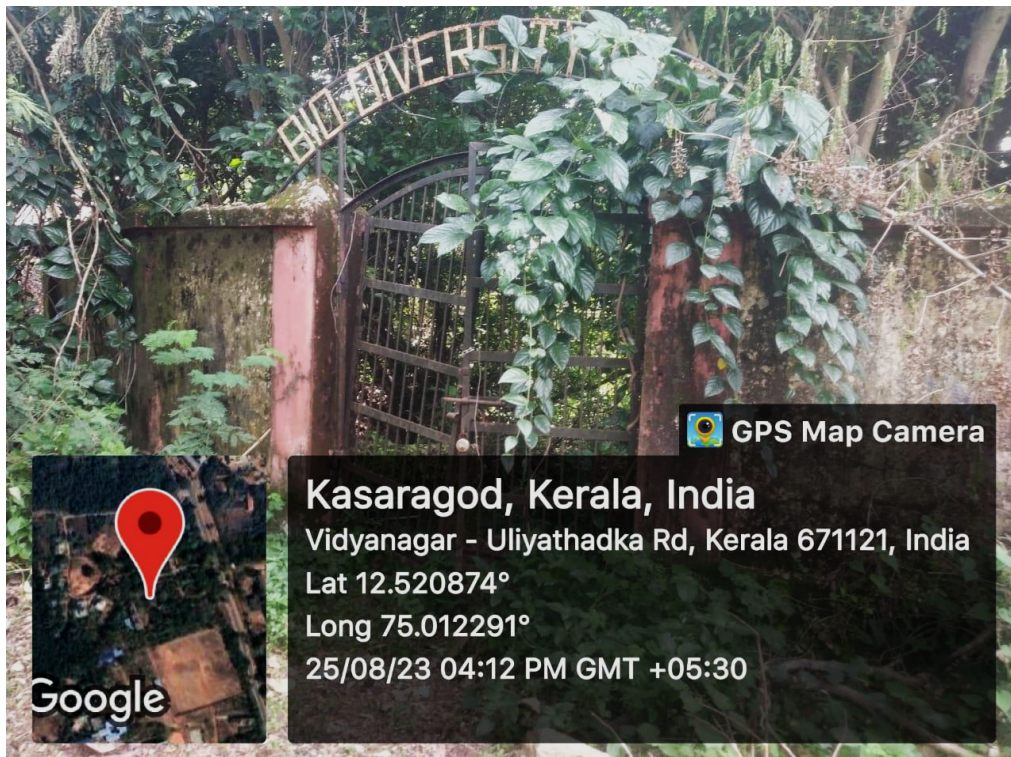


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BIODIVERSITY PARK (Pachathuruth 535)

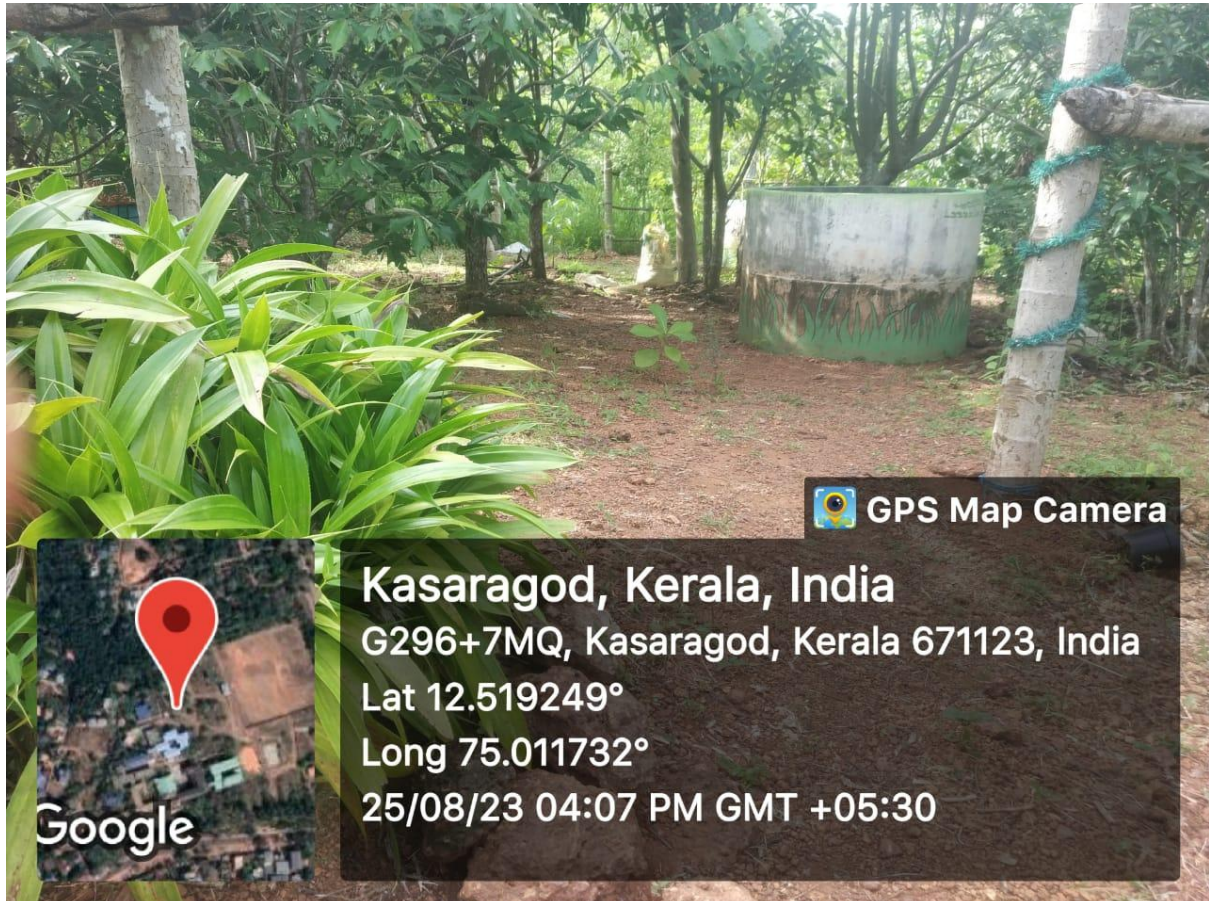
It is the key attraction of biodiversity conservation on the campus. It was started in 2009 and supports around 350 flowering plants. Many endemic plant species were introduced into the biodiversity park every year and presently it provides habitat for wild animal species. A narrow footpath is constructed in the park, which allows students to study the biodiversity with minimum disturbance to the flora and fauna. The name boards are exhibited at the park to ensure easy identification of plant species and animal species.



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R.E.T GARDEN

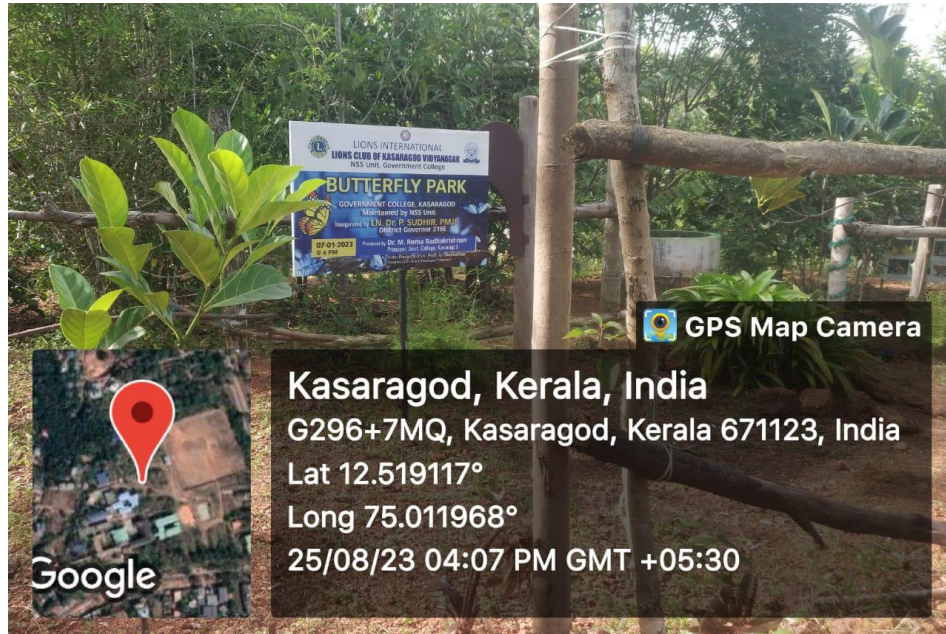
The N.S.S unit is maintaining the R.E.T garden for the conservation of flowering plants belonging to rare, endangered and threatened categories of IUCN. More than 100 species of flowering plants are protected in the garden with help of N.S.S volunteers.



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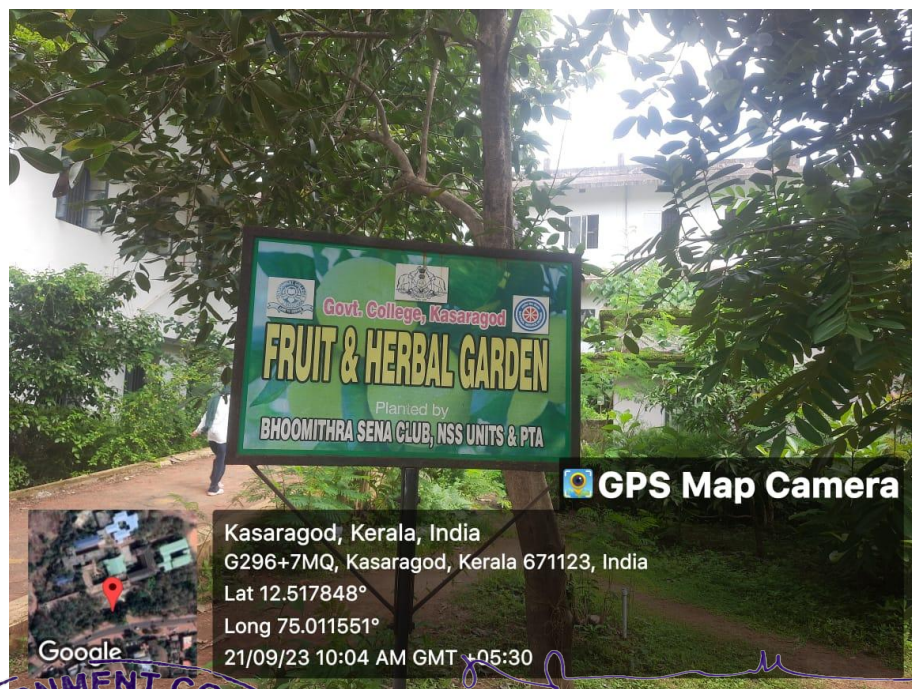
BUTTERFLY PARK

The N.S.S units is maintaining a butterfly park for the conservation of rare butterflies on the campus with the assistance of LIONS club Kasaragod.



FRUIT & HERBAL GARDEN

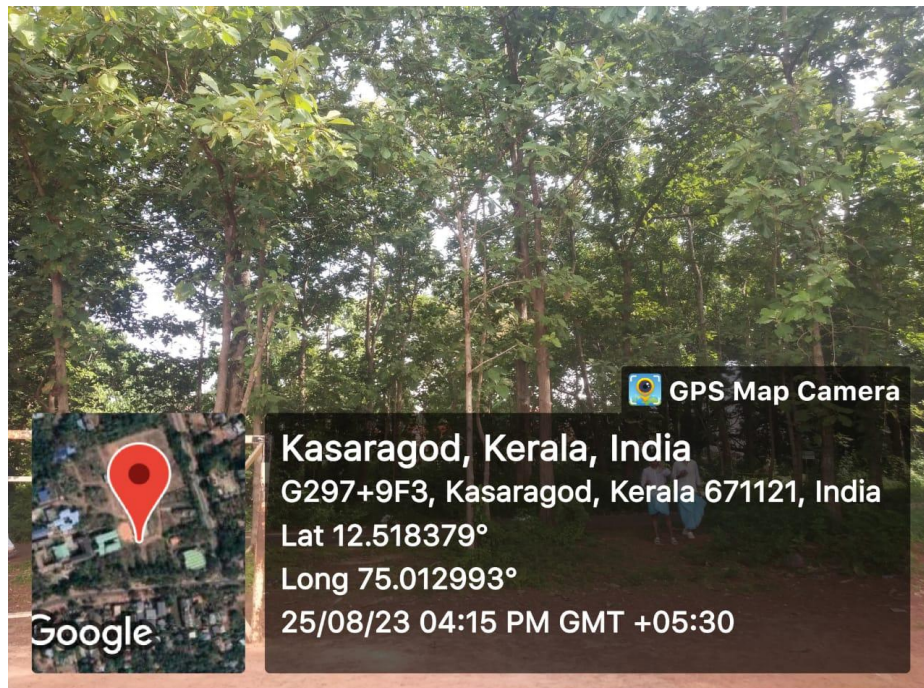
The N.S.S units & Bhoomithra Sena Club is maintaining a Fruit and Herbal Garden.



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TEAK PLANTATION

Government college Kasaragod is maintaining a teak plantation with around 300 teak trees. Then teak plantation acts as a huge sink of CO₂ emitted by the daily activities of College.



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