

Post Graduate Department of Botany

New initiatives for plant systematics and conservation

Rare and threatened species collection

The Western Ghats are the second and most important shelter in the world for threatened and rare species. Our college is situated in the area near to Western Ghats, and has taken responsibility to protect some threatened taxa available in Western Ghats. Many plant species of rare and threatened plant are collocated from different areas and grown in separate garden as garden of Rare and Threatened garden. These plants are conserved with extreme and proper attention.

QR codes for plant conservation

In an effort to identify local plants, department tagged important plants in the college campus with QR (Quick Response) codes that give students information about the plant. Students need to scan the code with their smartphones.

ENDEMIC AND RTE PLANTS IN ST STEPHEN'S COLLEGE CAMPUS

1. *Aegle marmelos* (L.) Correa Rutaceae
2. *Allophylus cobbe* (L.) - Sapindaceae
3. *Alstonia venenata* R.Br.- Apocynaceae
4. *Angiopteris evecta* (Forst.) Hoffm - Marattiaceae (Pterophyta)
5. *Aristolochia indica* .L. Aristolochiaceae
6. *Artocarpus altilis* (Parkinson) Fosberg Moraceae
7. *Asparagus racemosus* Willd. Asparagaceae
8. *Averrhoa bilimbi* Linn. Oxalidaceae
9. *Baliospermum montanum* (Willd.) Euphorbiaceae
10. *Bixa orellana* .L. Bixaceae
11. *Cananga odorata*. (Lam.) Annonaceae
12. *Chrysopogon zizanioides* (L.) Poaceae
13. *Cinnamomum camphora* (L.) Lauraceae
14. *Cocos nucifera* L. Arecaceae
15. *Codariocalyx motorius* (Houtt.) Fabaceae
16. *Coleus aromaticus* Benth. Lamiaceae
17. *Coscinium fenestratum* (Gaertn.) Menispermaceae
18. *Curcuma longa* L. Zingiberaceae
19. *Flacourtia indica* (Burm.f.) Salicaceae
20. *Garcinia intermedia* (Pittier) – Clusiaceae
21. *Geophila repens* (L.) - Rubiaceae.

22. *Gloriosa superba* L. Colchicaceae
23. *Hemigraphis colorata* (Burm.f.) Acanthaceae
24. *Hyptis capitata* Jacq. Lamiaceae
25. *Hyptis suaveolens* (L.) Lamiaceae
26. *Ipomoea paniculata* (L.) Convolvulaceae
27. *Kaempferia galangal* L. Zingiberaceae
28. *Mentha arvensis* L. Lamiaceae
29. *Morinda citrifolia* L. Rubiaceae
30. *Moringa oleifera* Lam Moringaceae
31. *Nyctanthes arbor-tristis* L. Oleaceae
32. *Ocimum basilicum* L. Lamiaceae
33. *Ocimum kilimandscharicum* Guerke Lamiaceae
34. *Ocimum sanctum* Linn Lamiaceae
35. *Pepper logum* L. Piperaceae
36. *Persea macrantha* Nees. Lauraceae
37. *Phyllanthus emblica* L. Euphorbiaceae
38. *Pimenta dioica* (L.) Merr Myrtaceae
39. *Plumbago rosea* L. Plumbaginaceae
40. *Podocarpus macrophyllus* (Thunb.) Podocarpaceae (Gymnosperms)
41. *Pogostemon purpurascens* Benth. Lamiaceae
42. *Premna serratifolia* L. Lamiaceae
43. *Psilotum nudum* (L.) Psilotaceae (Pteridophytes)
44. *Quassia amara* Linn. Simaroubaceae
45. *Rauwolfia serpentina* (L). Apocynaceae
46. *Rhinacanthus nasutus* (Linn) Acanthaceae
47. *Sapindus trifoliatus* L. Sapindaceae
48. *Saraca indica* L. Fabaceae
49. *Sida cordifolia* L. Malvaceae
50. *Stereospermum suaveolens* (Roxb.) Bignoniaceae
51. *Strychnos nux-vomica* L. Loganiaceae
52. *Syzygium aqueum* (Burm.f.) Myrtaceae
53. *Terminalia bellirica* (Gaertn.) Roxb. Combretaceae
54. *Tinospora cordifolia* (Willd.) Menispermaceae
55. *Trichopus zeylanicus* ssp. Dioscoreaceae
56. *Zamia furfuracea* L.f. ex Aiton Zamiaceae (Gymnosperms)
57. *Zingiber officinale* Rosc Zingiberaceae
58. *Eclipta prostrata* L. Asteraceae
59. *Centella asiatica* L. - Apiaceae
60. *Emilia sonchifolia* (L.) DC - Asteraceae
61. *Vernonia cinerea* (L.) Less Asteraceae