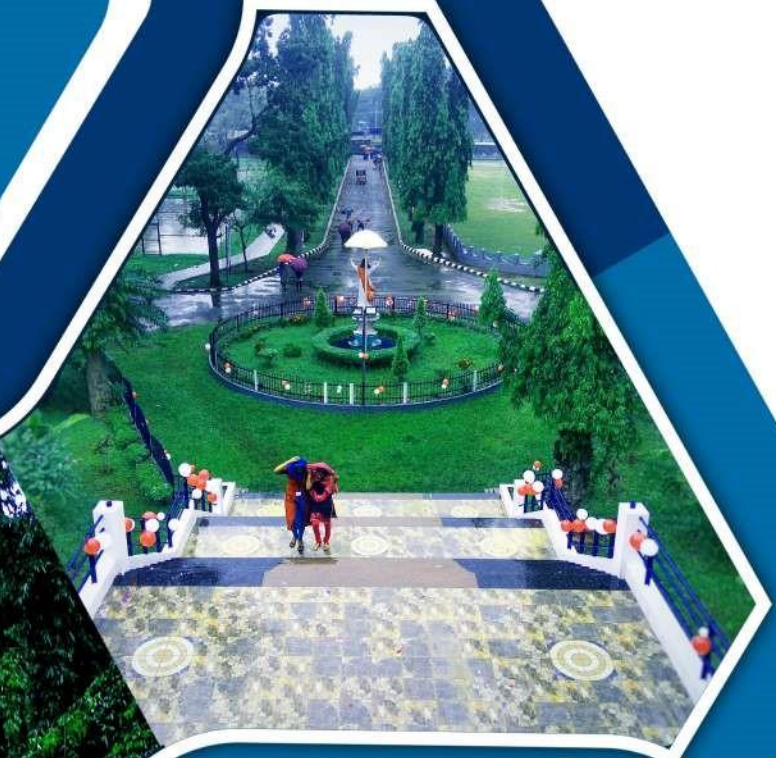# FATIMA MATA NATIONAL COLLEGE

AUTONOMOUS

(Reaccredited with 'A' Grade by NAAC)
Affiliated to University of Kerala

PER MATREM PRO PATRIA

2.3.1 FATIMA DIGITAL GARDEN PROJECT

IQAC INTERNAL QUALITY ASSURANCE CELL

FATIMA DIGITAL GARDEN PROJECT

Internal Quality Assuarance Cell (IQAC) with the technical assistance of the Post Graduate and Research Department of Botany, has initiated FATIMA Digital Garden Project. This project envisages the digitalization of the campus flora, and QR coding of the plants. A digital database of plants of FATIMA is maintained in the Department of Botany website, under the title e-Garden (http://botany.fmnc.ac.in/garden/).
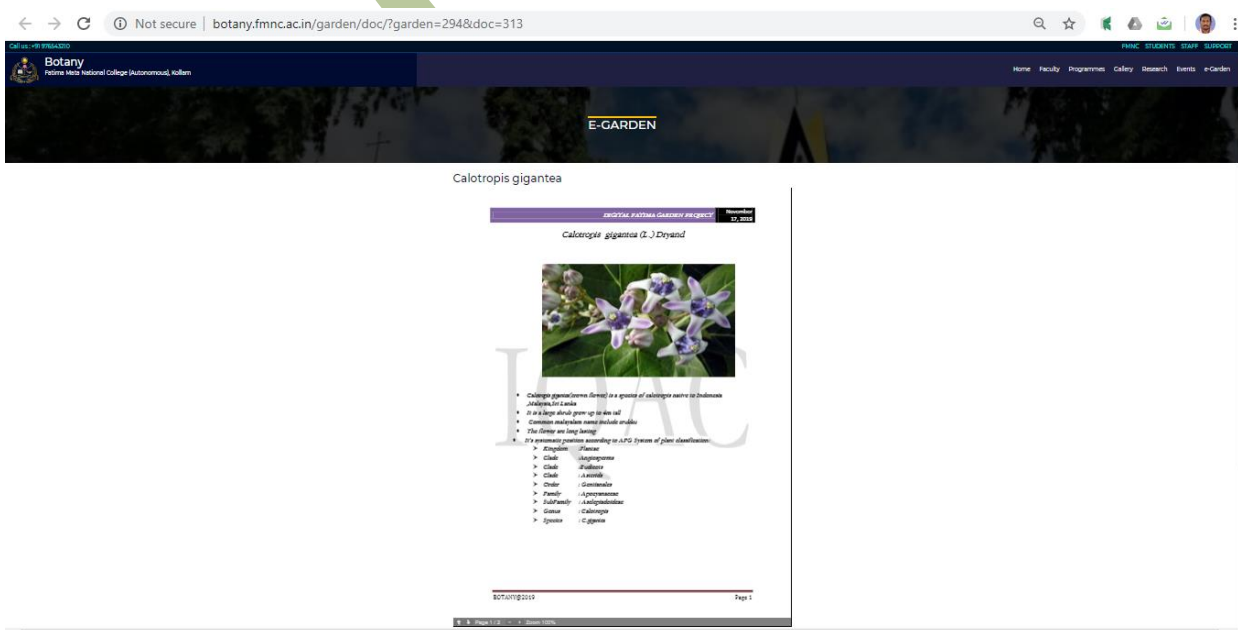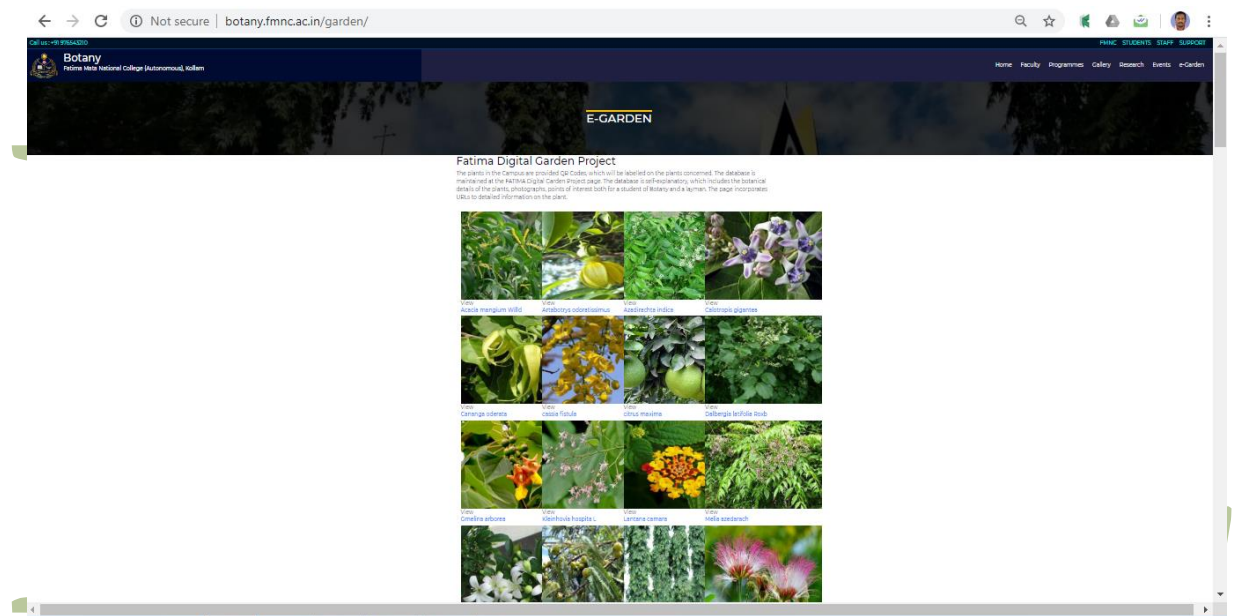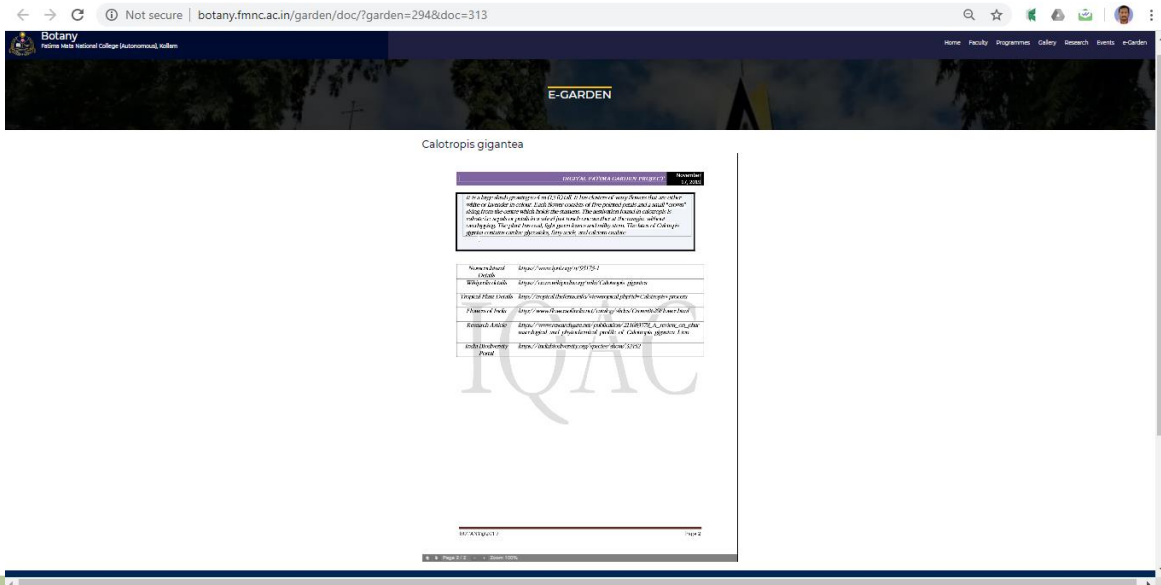
The QR codes are generated based on this database and these codes are incorporated along with the Plant Lables. The database provides the botanical details of the plant species including the nomenclatural status. It also has further information related to the distribution, uses and potentials and also links to different plant databases rgarding the specific plant species. The first phase of the project is getting operational. The QR codes generated so far are listed below-

| Acacia mangium Willd | Adenium obesum | Aegle marmelos | Allamanda cathartica | Aloe vera | Alpinia purpurata | Alternanthera ramosissima | Aristolochia indica | Artabotrys odoratissimus | Ayapana triplinervis | Azadirachta indica |

| Bambusa bambos | Bambusa vulgaris | Bauhinia acuminata | Begonia floccifera | Bignonia capreolata | Bryophyllum pinnatum | Butea monosperma | Caesalpinia pulcherrima | Calotropis gigantea | Cananga oderata | Canna indica |

| cassia fistula | Catharanthus roseus | Cissus quadrangularis | citrus maxima | Clematis recta | Cordyline fruticosa | Crossandra infundibuliformis | Cupressus sp | Cyrtostachys renda | Dalbergia latifolia Roxb | Diospyros ebenum |

| Etlingera elatior | Euphorbia milii | Euphorbia pulcherrima | Ficus benghalensis | Ficus microcarpa | Ficus racemosa | Flacourtia jangomas | Galphimia gracilis | Gmelina arborea | Hamelia patens | Hibiscus rosa sinensis |

Ixora javanica	Jasminum multiflorum	Jatropha podagrica	Justicia adhatoda	Kleinhovia hospita L	Kopsia fruticosa	Lagerstroemia speciosa	Lantana camara	Maranta leuconeura	Melia azedarach	Mesua ferrea
Mimosops elengi	Morinda tinctoria	Murraya paniculata (1)	Murraya paniculata	Nerium oleander	Nymphaea nouchali	Osmoxylon lineare	Otacanthus caeruleus	Oxalis triangularis	Pachystachys lutea	Pentas lanceolata
Petrea volubilis	Phyllanthus emblica L	Pimenta dioica	Platycerium bifurcatum	Plumbago auriculata	Plumeria rubra	Podocarpus macrophyllus	Polyalthia longifolia	Portulaca grandiflora	Rosa multiflora	Ruellia elegans
Ruellia tuberosa	Samanea saman	Santalum album	Schaueria flavicoma	Schefflera arboricola	Senegalia catechu	Senna siamea	Sesbania grandiflora	Solanum torvum	Spondias pinnata	Strychnos nux vomica
Swietenia mahagoni	Syzygium cumini	Tabernaemontana divaricata	Tanacetum parthenium	Tecoma capensis	Tectona grandis	Terminalia arjuna	Terminalia catappa	Theobroma cocoa	Tibouchina urvilleana	Tradescantia spathacea
Vitex negundo	Wodyetia bifurcata	Zamia sp								