

**SHRI VIJAYSINHA YADAV ARTS AND SCIENCE COLLEGE,
PETH VADGAON
DEPARTMENT OF BOTANY
BOTANY CORNER
Activity Report-2018-2019**

**Name of the Activity- Botany Corner- Plant for the Day- Annual Plant
Identification Practice**

Date and Time of Activity Conducted- Throughout the year 2016-17

Target Group- B.Sc. Students

No. of students took the advantage- 170

Name of Organizer- Department of Botany

Short Description of activity Conducted-

Department of Botany conducted an activity entitled Botany Corner consistently every year. This year its 12th year of the activity. This is everyday activity in which students collected a local flowering plant species with flowering and fruiting, identified by direct and indirect methods of plant identification as well as discussed with teachers about the characters of the plant. After confirmation of the species the same plant is displayed at the corner of the department with its botanical name, family, locality, brief morphological description and uses if any. This activity creates awareness within students about collection, identification, classification of plants. Communication with the teachers they were able to refer books and concern literature viz. local flora, State floras and Flora of Bombay Presidency. The plants enlisted throughout the year and recorded in the file for future reference.

Programme Outcome: Plant identification skill, Botanical writing and presentation skills on paper.

Programme Specific Outcome:

1. Acquisition of knowledge of flowering Plants by the pupils
2. Finding & presentation skills and confidence in the students
3. Ability to prepare herbarium specimen, communicate medicinal values of the plant with the society, problem solving skills, work out on the taxonomic keys.

Plant for a Day:

Botanical Name:	<i>Azadirachta indica</i> A. Juss.
Family:	Meliaceae
Synonyms:	<i>Antelaea azadirachta</i> (L.) Adelb.
Common Name:	False daisy
Vernacular Name:	Neem
Locality:	Pethvadgaon
Botanical Description:	commonly known as neem, nim-tree or Indian lilac, is a tree in the mahogany family Meliaceae. It is one of two species in the genus <i>Azadirachta</i> , and is native to the Indian subcontinent and most of the countries in Africa. It is typically grown in tropical and semi-tropical regions. Neem trees also grow on islands in southern Iran. Its fruits and seeds are the source of neem oil.
Uses:	<ol style="list-style-type: none">1. Neem is a key ingredient in non-pesticidal management (NPM), providing a natural alternative to synthetic pesticides.2. Neem oil has been shown to avert termite attack as an ecofriendly and economical agent.3. Tree: the neem tree is of great importance for its anti-desertification properties and possibly as a good carbon dioxide sink. It is also used for maintaining soil fertility.4. Fertilizer: neem extract is added to fertilizers (urea) as a nitrification inhibitor.5. Animal feed: neem leaves can be occasionally used as forage for ruminants and rabbits.5. Teeth cleaning: neem has traditionally been used as a type of teeth-cleaning twig.
Name of Collector:	Miss. Kajal Sahebji Kavathekar

Botanical Name:	<i>Vitex negundo</i> L.
Family:	Lamiaceae
Synonyms:	<i>Vitex incisa</i> Lam.
Common Name:	horseshoe vitex, Nirgudi, Nigadi
Vernacular Name:	<i>Nurgudi, Nigadi</i>
Locality:	Kini, Pethvadgaon
Botanical Description:	<i>Vitex negundo</i> is an erect shrub or small tree growing from 2 to 8 m (6.6 to 26.2 ft) in height. They are commonly found near bodies of water, recently disturbed land, grasslands, and mixed open forests. The fruit is a succulent drupe, 4 mm (0.16 in) in diameter, rounded to egg-shaped. It is black or purple when ripe
Uses:	It is used in traditional herbal medicine for women's health, including treatments for regulating the menstrual cycle, fibrocystic breast disease and post-partum remedies.
Name of Collector:	Miss. Shraddha Sanjay Patil


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Principal
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