

Education visit in Ayurvedic hospital of Bori, Durg C.G.

Organised by

Botany Department of Government Naveen College Bori Durg CG

Session -2024



Participant

B.Sc. I Sem Bio.

Coordinator

Dr. Sangita Devi Sharma

List of participants

- 1. Damini
- 2. Davendra Khatri
- 3. Dhaneshwari
- 4. Dolly Dhankar
- 5. Faleshwari
- 6. Gulshan
- 7. Haleshwari
- 8. Hemeshwari
- 9. Hemlata
- 10. Khushi
- 11. Lalita
- 12. Maheshwari
- 13. Megha
- 14. Monika
- 15. Nidhi Patel
- 16. Neha
- 17. Nikhil Kumar
- 18. Nikita Sen
- 19. Nilu
- 20. Nutan
- 21. Payal (Mohit Ram)
- 22. Payal Patel (Rohit Kumar)
- 23. Pooja Patel
- 24. Pratima Patel
- 25. Preeti Patel
- 26. Preksha Deshmukh
- 27. Ravishankar
- 28. Rohini Patel
- 29. Roshni
- 30. Saumya
- 31. Seema Sahu
- 32. Sharda
- 33. Shashi
- 34. Vandana
- 35. Urvashi
- 36. Yuvrani Shinha

Introduction: Arvedic hospital is a healthcare facility that provides treatment based on Ayurveda, a traditional system of medicine from India. These hospitals offer a range of therapies, including herbal medicine, dietary change, yoga, massage and detoxification, aimed at restoring balance in the body and mind. Ayurvedic treatment are tailored to individual patient based on their unique constitution (Prakriti) and health conditions. Ayurvedic treatment begins with an internal purification process, followed by special diet, herbal remedies, massage therapy, yoga and meditation. Concepts of universal interrelationships, body composition (Prakriti) and life forces (Doshas) are the primary basis of ayurvedic medicine. The goals of treatment are to help patient by removing physical impurities, reducing symptoms and increasing immunity. A variety of herbs, other plants including oils and common spices and some minerals are widely used in Ayurvedic treatment.

Aim: a) To provide the knowledge of Ayurvedic treatment which begins with an internal purification process followed by special diets, herbal remedies, massage therapy, yoga and meditation.

b) To provide concept of universal interrelationships, body composition (prakriti) and life process (Doshas) which are primary basis of ayurvedic treatment.

c) To provide the knowledge of medicinal plants which are used in Ayurvedic treatment.

Visit Report:

Along with 36 students our visit was started at 11:00 a.m. of 19/12/2024. We reached the Government Ayurvedic hospital of Bori Durg at 11:30 a.m. The students became cheerful as soon



as they entered the hospital. All the students were thrilled to see the environment here, the cleanliness of the hospital and the medical system etc. There were various medical departments in which patients were being treated by various Ayurvedic medical systems. After that all the students meet to the leading Ayurvedic medicine doctor, Dr. Vinita Chandrakar. (Medical officer) She welcomed all the students warmly and made them sit in his room.

One by one the students started discussing about ayurveda. She told that ayurveda is based on the principle that everything in the universe, dead or alive is connected. If your mind, body and soul are in harmony with the universe then your health is good. Things that can disturb this

balance include genetic or both defects, injury, climate and seasonal changes, age and your emotions. She also told that every person is composed of five basic elements found in the Universe: Sky, air, fire, water and earth. These together create three life forces in the human body, called doshas. These control the way your body works. These are Vata dosha (Space and air), Pitta dosha (fire and water), and Kapha dosha (water and earth). Everyone inherits a unique mix of three doshas. Each dosha controls a different function of the body. It is believed that your chances of falling ill and the health problems you develop are not in balance with your doshas.

Ayurveda Medical Equipment

Ayurvedic medicine has many tools that are used to help you achieve harmony, prevent disease and treat your problems. These devices include-

(1) Herbal Medicine- It is a major component of Ayurveda. It is used in different combinations depending on your dosha. She told that most of the plants around world definitely have same medical properties. Here too, some medicines or pastes are prepared from many type of plants. But most of the herbal medicines are procured from Ayurvedic medicine manufacturing companies.

(2) Some Ayurvedic medicine manufacturing companies of India Baidyanath Ayurveda, Dabur India Limited; Hamdard Laboratory, Zandu Ayurveda, Patanjali Ayurveda, Charak Pharma Private Limited, Himalaya Wellness, Vicco Laboratory Pharmaceuticals Limited etc.

(3) Yoga-According to the scriptures, the practice of yoga. Connect the individual consciousness with the universal consciousness, indicating a perfect harmony between mind and body, man and nature.

(4) Attention-Meditation is a practice that involves focussing your mind using a combination of mental and physical stresses.

(5) Purification Program-It is also known as Panchakarma. It is used to clear undigested food from your body through procedures like blood purification, massage, medicinal oils, herbs, enemas and laxatives.

(6) Counselling: Your therapist will help you understand your doshas, how the doshas affect your life and how you can change your lifestyle to create more balance and harmony.

She further said that most of the Ayurvedic doctors work in rural areas who are providing health services to at least 500 million people in India alone. Our dispensary provides medicines consultation or other services to about 5 to 10 persons every day.

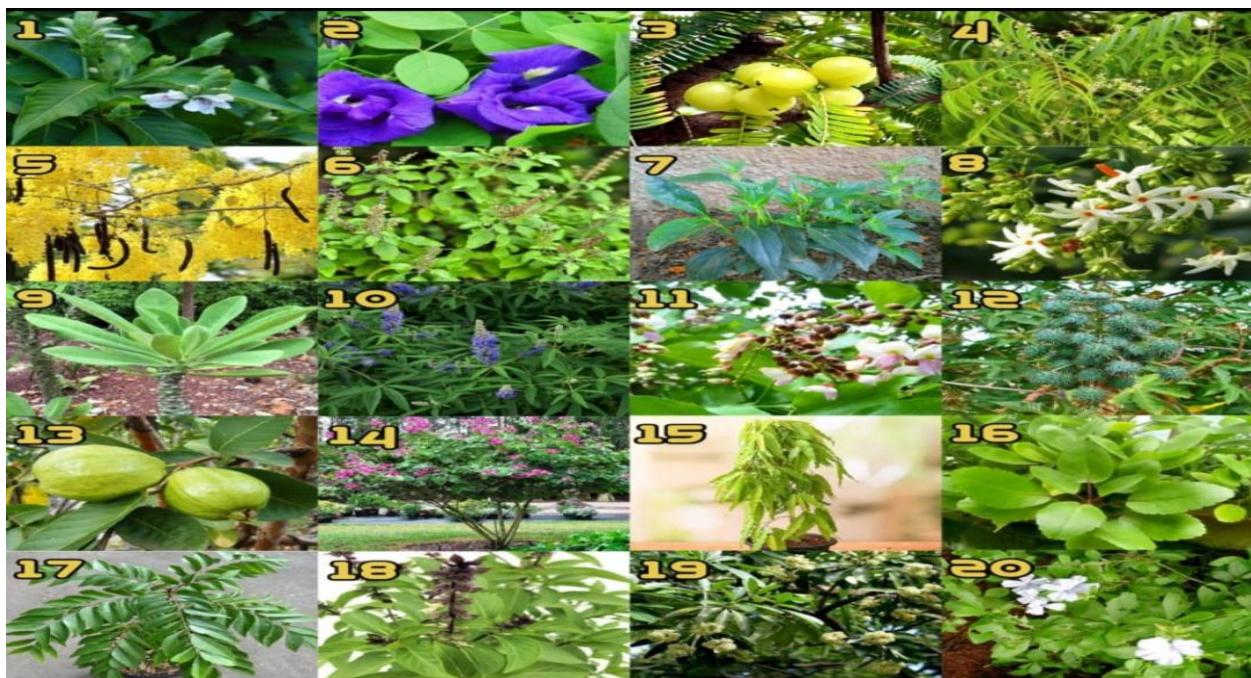
The students also discussed about various medical plants present in hospital campus and their uses in treatment of disease and returned with gratitude to the doctor



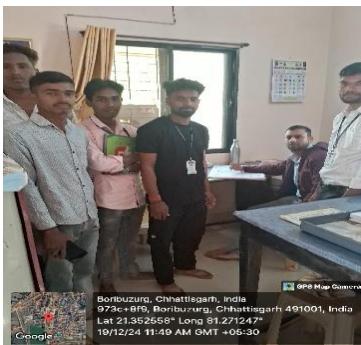
LIST OF MEDICINAL PLANTS OBSERVED IN AYRVEDA HOSPITAL OF BORI DURG C.G

PLANT PRESENT IN AYURVEDIC HOSPITAL BORI DURG [C.G.]

S.No.	Local name of plant	Botanical name	Parts uses as medicine	medicinal importance
1.	Vasa	<i>Justice adhatola</i>	Leaves , flower , Root	1-Bronchitis and Asthma 2- Cough and cold
2.	Aprajita	<i>Clitoria ternatea</i>	Root and seeds	1-Mental health 2-Sleep disorder
3.	Amla	<i>Phyllanthus emblica</i>	Leaves , stem , root	1-digestive system 2-heart disease
4.	Neem	<i>Azadirachta indica</i>	Leaves , root, stem	1-skin disorders 2-oral health
5.	Amaltash	<i>Cassia fistula</i>	Fruits , leaves, root	1-constipation 2-skin disorder
6.	Tulsi	<i>Ocimum tenuiflorum</i>	Whole plant	1-respiratory issues 2-fever and infections
7.	Chirata	<i>Swertia</i>	Roots	1-fever and malaria 2-digestive issues
8.	Parijaat	<i>Nyctanthes abortiflora</i>	Leaves , flower, seed	1-fever and malaria 2-skin disorders
9.	Snuhi	<i>Euphorbia nerifolia Linn.</i>	Whole plant	1-piles and hemorrhoids 2-skin disorders
10.	Nirgundi	<i>Vitex negundo</i>	Leaves , root , seed	1-pain relief 2-skin disorders
11.	Karanj	<i>Pongamea pinnata</i>	Root , leaves , flower	1-skin disorder 2-pain relief
12.	Arand	<i>Ricinus communis</i>	Seed , twigs, leaves	1-constipation 2-menstrual issues
13.	Amrud	<i>Psidium guajava</i>	Fruits, leaves , stem	1-immune system 2-fever and infections
14.	Kachnar	<i>Bauhinia variegata</i>	Whole plant	1-respiratory issues 2-digestive issues
15.	Ashok	<i>Saraca asoca</i>	Bark, leaves, flower	1-uterine disorder 2-menstrual issues
16.	Bryophullum	<i>Bacopa monnieri</i>	Leaves, stem, root	1-memory and cognitive 2-epilepsy
17.	Dona	<i>Crotonus capsularis</i>	Leaves, stem, root, seed	1-respiratory issues 2-digestive issues
18.	Mitha neem	<i>Murraya koenigii</i>	Leaves, stem, root, seed	1-constipation 2-skin disorder
19.	Saptparni	<i>Alstonia scholaris</i>	Bark , leaves	1-fever and malaria 2-respiratory system
20.	Chitrak	<i>Plumbago zeylanica</i>	Root	1-digestive issues 2-skin disorders



Some glimpses of ayurvedic hospital visi of B.Sc. I Sem Bio on dated 19/12/2024



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कार्यालय प्राचार्य
शासकीय नवीन महाविद्यालय—बोरी, जिला—दुर्ग (छ.ग.)

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College Code - 1609

बोरी, दिनांक 16/12/2024

सूचना

बी.एस.सी प्रथम सेमेस्टर के समस्त विद्यार्थीयों को सूचित किया जाता है कि प्रायोगिक कार्य में सम्मिलित आयुर्वेदिक औषधालय में भ्रमण एवं आयुर्वेदिक चिकित्सक के साथ परिचर्चा हेतु दिनांक 19.12.2024 (दिन—गुरुवार) को ग्राम—बोरी में स्थित आयुर्वेदिक औषधालय में शैक्षणिक भ्रमण हेतु आप सभी की उपस्थिति अनिवार्य है। अतः आप सभी उक्त दिनांक को 11.00 बजे महाविद्यालय परिसर में अनिवार्य रूप से उपस्थित रहें।

Sharma

विभागाध्यक्ष वनस्पतिशास्त्र

(Dr. Sangita Devi Sharma)



प्राचार्य

डॉ. (श्रीमती) कमर तलत
प्राचार्य

शासकीय नवीन महाविद्यालय बोरी
जिला—दुर्ग (छ.ग.)

सूचनार्थ— HOD Chemistry - १६/१२/२४

HOD Zoology -

HOD English -

HOD - Political Science - १६/१२/२४

प्रति,

प्राचार्य

शासकीय नवीन महाविद्यालय बोरी
दुर्ग (छ.ग.)

विषय — बी.एस.सी प्रथम सेमेस्टर के विद्यार्थियों को आयुर्वेदिक हॉस्पिटल
में भ्रमण एवं परिचर्चा बाबत (11.12.2024)।

महोदया,

उपरोक्त विषयांतर्गत निवेदन है कि बी.एस.सी प्रथम सेमेस्टर के विद्यार्थियों के प्रायोगिक कार्य में स्थानीय आयुर्वेदिक औषधालय का भ्रमण एवं आयुर्वेदिक चिकित्सक के साथ परिचर्चा सम्प्रिलित है। इस हेतु मैं दिनांक 11.12.2024 को विद्यार्थियों को बोरी ग्राम में स्थित आयुर्वेदिक औषधालय ले जाना चाहती हु। अतः आप उक्त भ्रमण हेतु अनुमति प्रदान करने की कृपा करें।

"धन्यवाद"

दिनांक—07.12.2024

भवदीय

Shameem

डॉ. संगीता देवी शर्मा
विभागाध्यक्ष वनस्पतिशास्त्र
शासकीय नवीन महाविद्यालय बोरी, दुर्ग

Permitted


प्राचार्य
शासकीय नवीन महाविद्यालय बोरी
जिला - दुर्ग (छ.ग.)

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बट्टन-क्रतुघर्या (अपैल-मह.)

क्रतु-घर्या- कफ-प्रकोप।

स्वास्त्रावित गो- बलास, बालास, अग्नगार्द, ज्वर, तात, इलियिकज्वर, वर्षन अस्त्रिय, हस्तास, प्रसोक, भारीपन, अग्निगार्द, आग्नाम, आटोप, विकव्य, उद्गुल, कृषि अवृत्ति किंवर होते हैं।

दूर प्रवर्ति- कफ-प्रकोप को लालों के लिए विशेष साक्षात्पान रहना आवश्यक है। नमूना-भारहर

- एक वर्ष पुराना जी, गोरु, व चावल का उपयोग करना उचित है।

- इन घटु में ज्वार, बालास, बक्कला आदि स्वतं धारी का आदार भेद्य है।

- गुण मध्यर, अखरह य घटने की दाढ़ी उपयोगी है। तथा गूली, धीया, गाज बद्धाम, चित्ताम, परवल, चरसी, भेदी, पालक, धनिया, अदरख आदि का देवन करना हितकर है।

प्रयोग-हितार्द-

- गरीर तातोंपान हेतु वर्षन एवं जलनेति, नस्य, कृज्जल आदि हितकर हैं।
- लकड़ी, लकड़ि, तिक्का, विक्किल, व्यायाम, उपटन करना चाहिये, विकिस्तक के दामों से कफ किनातने वाली औरीयों का वर्षन करना चाहिये तथा नेत्रों अवृत्ति का प्रयोग हितकर है।
- गरीर पर वर्षन-अगर आदि का लेप करना चाहिये।
- रसायन औषध य घटु के साथ हरीतिकी चुर्ण का प्रयोग करना चाहिये।
- बांग-बीजीय व नदी के फिनारे शीतल भन्द य सुगन्धपुरुषा प्रात कालीन ह का देवन हितकर है।
- ब्राह्मिनुरुद्धर में उठकर शीतादि से निरुत्त होकर योगासन करना चाहिये।
- हीलाभ्यग (भालिरा) करना चालाम है।

प्रयोग-आटोर-

- नवीन-शीतल, रिनाथ, गुरु, अम्ल एवं गुरु-द्वय, वही, उक्क, घाज, गन्ना, नवीन-गुरु का दुध य रिंधाडे का देवन निश्चय है।
- अवृत्ति-हितार्द-

- दिन में सोना, एक रसायन पर लम्बे समय तक बैठे रहना उचित नहीं।

शासकीय आयुर्वेद औषधालय बोरी, ब्लॉक-धम्पा, दुर्ग (उ.)

<img alt="A page from a Hindi textbook on the life of Mahatma Gandhi. The page features a decorative border with a central floral motif. The title 'महात्मा-ग्रन्थालय' (Mahatma-Gandhi Library) is at the top. Below it, the text is organized into several sections: 'लाभ-ज्येष्ठ-आगाह (गुन-गुलाह)', 'समाज-पाता का संस्करण व काफ का प्रसारण', 'समाजित रोग-संक्षेप एवं दोषोंका होता है', 'गोम-जूते में अनुपातिक (गुन-गुलाह) होता है', 'खाद्य-पानी व चौका, रोगान्तरक, अतिरिक्त जूते, लकड़ी-प्रतिकारी वार्षिक तृप्ति, पानी का लाला, यजूद-दावदार्युद्ध का अदि रोग होते हैं की सामाजिक रहस्यी हैं', 'दृष्टि-प्राप्ति-पाता-ज्येष्ठी-पातों के लिए अधिकार हैं', 'प्रथा-आदा-इस जूते में शौल, चिन्ह, गुरु एवं लाल आहार यथा-सामी कावल जी, मुग, मसूर आदि का संयोग करना चाहिये।', 'दूध, देव, पानक (पण) जूही की अनुपातिक-पाता का इस, जूता-जूते अधिक का प्रयोग हितकर है।', 'नारीक, अंग, नींव, ये गन्ने का इस, खरबुजा, तरबूज, शहदन अदि वसायी कलों का गारियल का पानी, जलकोरी का प्रयोग हितकर है।', 'प्लाज-कर्डी (जूता आदि) = प्रयोग करना चाहिये।', 'आकाशवन्ध में उठाकर उच्च पाता अवश्य करना चाहिये।', 'प्रथा-हितकर', 'उत्तरा में सुधान (ठड़वना) चाहिये।', 'दिन में कम से कम दो बार (दो एवं चार) स्नान करना चाहिये।', 'होमीय गृह में रोता रा बैठना चाहिये।', 'धूप में निकलने से पूर्ण जल पोकर, दिन को उक कर जाना चाहिये।', 'बात-बात और औरी भाजी में जानी यीते रहना चाहिये।', 'हृत्ये एवं चुरी कपड़े पहनना चाहिये।', 'मन को दिये जाने वाले तुम्हारा दृष्ट्यों का प्रयोग करना चाहिये।', 'दिन में रोता हितकर है।', 'प्रथा-आदा-उत्तरा', 'उच्च, तोक, जल या गोले, लवण इत्यान दृष्ट्यों का सहा यस्त तर्जे पर वापाप, प्रयोग करना चाहिये।', 'प्रयोग, तोक, जल या गोले सभी रोगों के लिए उपचार, मैदा या बेलन से अपने हुए आलादा का बेलन नहीं करना चाहिये कि या करना चाहिये।', 'मधिरा का रोता नहीं करना चाहिये।', 'प्रथा-हितकर', 'धूप जो बरसना चाहिये, परिवर्षम, व्यायाम व रात्रावास कम करना चाहिये।', 'प्रयोग जो नहीं रोकता चाहिये।', 'कृतिम यांत्रों से निरिति (सिविलियर) वस्त्रों को बालक नहीं करना चाहिये।', 'कृतिम यांत्रीय प्रसारणों का अधिक प्रयोग न करो।', 'प्रदूषक जल व रसायन (ताला आदि) से अपने अपकारी बचाव।', 'आत्मकीय आद्येवं औषधालय बोरी, ब्लॉक-घलाया, दुर्नि (छ.ग.)'</div>

आयुष्मान भारत

हेल्थ एंड वेलनेस फॉरम्स
इस दिन हर किसी के लिए आयुष्मान
भारत (AYUSHMAN BHARAT)

मूँग (मुँग)
Green Gram
मूँग में रसीदी, गुणात, वाता
जल्दी सोने में लाभादार।

लाली (लाली)
Red Gram
लाली का जल्दी सोना,
जल्दी न होना एवं वातीनों
का लाभादार।

काली (काली)
Black gram
काली का जल्दी सोना,
जल्दी न होना एवं वातीनों
का लाभादार।

गुणी (गुणी)
Horse-gram
गुणी का जल्दी सोना एवं
जल्दी न होना एवं वातीनों
का लाभादार।

सोयाबीन (सोयाबीन)
Soyabean
सोयाबीन का जल्दी सोना,
जल्दी न होना एवं वातीनों
का लाभादार।

घोटा (घोटा)
white Gram
घोटा का जल्दी सोना,
जल्दी न होना एवं वातीनों
का लाभादार।

रानी (रानी)
Kidney bean
रानी का जल्दी सोना,
जल्दी न होना एवं वातीनों
का लाभादार।

अधिक जानकारी हुई जिक्रिया अपने हेल्थ एंड वेलनेस फॉरम्स के प्रतिक्रिया करें।

निषिद्ध हैं: रसायनीकी व्यापार, विविध व्यापार तथा व्यापक व्यापार।

प्रतिक्रिया के लिए अपनी व्यापक व्यापार।

Ayurveda Medical Equipment

Ayurvedic medicine has many tools that are used to help you achieve harmony, prevent disease and treat your problems. These devices include-

(1) Herbal Medicine- It is a major component of Ayurveda. It is used in different combinations depending on your dosha. She told that most of the plants around world definitely have same medical properties. Here too, some medicines or pastes are prepared from many type of plants. But most of the herbal medicines are procured from Ayurvedic medicine manufacturing companies.

(2) Some Ayurvedic medicine manufacturing companies of India Baidyanath Ayurveda, Dabur India Limited; Hamdard Laboratory, Zandu Ayurveda, Patanjali Ayurveda, Charak Pharma Private Limited, Himalaya Wellness, Vicco Laboratory Pharmaceuticals Limited etc.

(3) Yoga-According to the scriptures, the practice of yoga. Connect the individual consciousness with the universal consciousness, indicating a perfect harmony between mind and body, man and nature.

(4) Attention-Meditation is a practice that involves focussing your mind using a combination of mental and physical stresses.

(5) Purification Program-It is also known as Panchakarma. It is used to clear undigested food from your body through procedures like blood purification, massage, medicinal oils, herbs, enemas and laxatives.

(6) Counselling: Your therapist will help you understand your doshas, how the doshas affect your life and how you can change your lifestyle to create more balance and harmony.

She further said that most of the Ayurvedic doctors work in rural areas who are providing health services to at least 500 million people in India alone. Our dispensary provides medicines consultation or other services to about 5 to 10 persons every day.

The students also discussed about various medical plants present in hospital campus and their uses in treatment of disease and returned with gratitude to the doctor



LIST OF MEDICINAL PLANTS OBSERVED IN AYRVEDA HOSPITAL OF BORI DURG C.G

PLANT PRESENT IN AYURVEDIC HOSPITAL BORI DURG [C.G.]

S.No.	Local name of plant	Botanical name	Parts uses as medicine	medicinal importance
1.	Vasa	<i>Justice adhatola</i>	Leaves , flower , Root	1-Bronchitis and Asthma 2- Cough and cold
2.	Aprajita	<i>Clitoria ternatea</i>	Root and seeds	1-Mental health 2-Sleep disorder
3.	Amla	<i>Phyllanthus emblica</i>	Leaves , stem , root	1-digestive system 2-heart disease
4.	Neem	<i>Azadirachta indica</i>	Leaves , root, stem	1-skin disorders 2-oral health
5.	Amaltash	<i>Cassia fistula</i>	Fruits , leaves, root	1-constipation 2-skin disorder
6.	Tulsi	<i>Ocimum tenuiflorum</i>	Whole plant	1-respiratory issues 2-fever and infections
7.	Chirata	<i>Swertia</i>	Roots	1-fever and malaria 2-digestive issues
8.	Parijaat	<i>Nyctantheas abortivis</i>	Leaves , flower, seed	1-fever and malaria 2-skin disorders
9.	Snuhi	<i>Euphorbia nerifolia Linn.</i>	Whole plant	1-piles and hemorrhoids 2-skin disorders
10.	Nirgundi	<i>Vitex negundo</i>	Leaves , root , seed	1-pain relief 2-skin disorders
11.	Karanj	<i>Pongamea pinnata</i>	Root , leaves , flower	1-skin disorder 2-pain relief
12.	Arand	<i>Ricinus communis</i>	Seed , twigs, leaves	1-constipation 2-menstrual issues
13.	Amrud	<i>Psidium guajava</i>	Fruits, leaves , stem	1-immune system 2-fever and infections
14.	Kachnar	<i>Bauhinia variegata</i>	Whole plant	1-respiratory issues 2-digestive issues
15.	Ashok	<i>Saraca asoca</i>	Bark, leaves, flower	1-uterine disorder 2-menstrual issues
16.	Bryophyllum	<i>Bacopa monnieri</i>	Leaves, stem, root	1-memory and cognitive 2-epilepsy
17.	Dona	<i>Cocculus capsularis</i>	Leaves, stem, root, seed	1-respiratory issues 2-digestive issues
18.	Mitha neem	<i>Murraya koenigii</i>	Leaves, stem, root, seed	1-constipation 2-skin disorder
19.	Saptparni	<i>Alstonia scholaris</i>	Bark , leaves	1-fever and malaria 2-respiratory system
20.	Chitrak	<i>Plumbago zeylanica</i>	Root	1-digestive issues 2-skin disorders



Some glimpses of ayurvedic hospital visi of B.Sc. I Sem Bio on dated 19/12/2024



A

Report on

BOTANICAL EXCERPTION STUDY TOUR

at

Verma Agricultural farm House

Bori, Durg (C.G.)



Submitted to the Department of Botany

Govt. Naveen College Bori ,Durg

in partial fulfillment of the requirements for

B. Sc III (Bio) year Examination ,

Hemchand Yadav University Durg C.G.

Submitted by :

Students of B Sc. III (Bio)

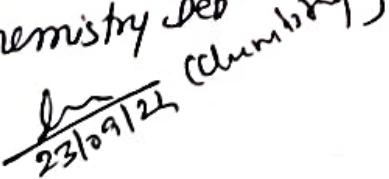
(2024 – 2025)

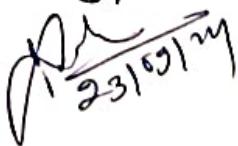
सूचना

बी.एस.सी तृतीय वर्ष के समर्त छात्र/छात्राओं को सूचित किया जाता है कि बी.एस.सी तृतीय वर्ष के प्रायोगिक कार्य से सम्मिलित फिल्ड स्टडी हेतु दिनांक 25/09/24 को महाविद्यालय के समीप स्थित वर्मा फॉर्म हाऊस में पौधों में होने वाले रोगों के अध्ययन हेतु जाना है। अतः समर्त छात्र—छात्राएँ उपरोक्त दिनांक को प्रातः 11.30 बजे अनिवार्य रूप से महाविद्यालय के वनस्पति विज्ञान विभाग में अपनी उपस्थिति सुनिश्चित करें।

भामा
विभागाध्यक्ष


Principal
प्राचार्य
Govt. Neveen College Bori
Dist. Durg (C.G.)

सूचनार्थ
1. Chemistry Dept (Chemistry)

23/09/24

2. Zoology Dept

23/09/24

3. English Dept

23/09/24

CERTIFICATE

This is to certify that Students of B.Sc III (Bio) year have duly participated in the BOTANICAL EXCERITION STUDY TOUR / FIELD VISIT in Verma Agriculture Farm House as per the syllabus given by the Hemchand Yadav University Durg, Chhattisgarh.

He/She is a bonafied student of this college offering B.Sc III (Bio) year.

Date: 25th September 2024

(Bhano)
Head of Botany Department
Govt. Naveen College
Bori, Durg, Chhattisgarh

Acknowledgement

It is with great pleasure that we express our deepest gratitude to the Department of Botany, GOVT NAVEEN COLLEGE BORI for organizing a botanical excursion study tour at Verma Agricultural farm House Bori .We sincerely thank our guide madam Dr. Sangita Devi Sharma madam for giving us time to time suggestions, advice and inspiration for making the excursion a grand success

Yours sincerely,
Students of B.Sc. 3rd year(Bio)
Department of Botany
Govt. Naveen College Bori Durg (C.G.)

The students who participated in the tour are:

1. Gajendra kumar गणेश कुमार
2. Doshi sahu दोषी सहू
3. Kajal verma काजल वर्मा
4. Jyoti verma ज्योति वर्मा
5. Amardas अमरदास बन्दिराज
6. Krishnakant कृष्णकान्त
7. Dhaneshwar धनेश्वर
8. Amrit verma अमृत वर्मा
9. Pushpa पुष्पा
10. Tikeshwari टिकेश्वरी
11. Jageshwari जगेश्वरी
12. Sangeeta संगीता देशलाल
13. Nitish kumar नितीश कुमार
14. Neha नेहा
15. Chachal sahu चाचाल सहू
16. Muskan मुस्कान
17. Priya प्रिया सहू
18. Dhaneshwari धनेश्वरी
19. Payal sin पायल सिंहा

CONTENTS

1. INTRODUCTION
2. AIM AND OBJECTIVE OF THE TOUR
3. REQUISITES FOR THE FIELD COLLECTION
4. TOUR DIARY
5. LISTS OF COLLECTED SPECIMEN
6. CONCLUSION

INTRODUCTION

Field study is an essential part of Botany. The natural environment i.e. the surrounding where we all interact, the plants in their natural habitat is one of the most interesting things that is needed to be studied by the students of Botany. Agriculture is a base of the world economy and for India, the role of agriculture in the economy is much more than other product. World agricultural production is affected by the annual loss of about 20-30% on an average due to plant diseases. So if agriculture is affected by any disease it will directly or indirectly affect our economy and the population which is dependent on agriculture. It needs to survey and analyze plant diseases very accurately within the specified time. Studying the diseases caused by pathogen in plants enhances our knowledge that is learnt from the classroom discussions and laboratory experiments.

The announcement from the Botany Department of Govt. Naveen College Bori, Durg made the students of the B.Sc. III (Bio) year so happy. Our joy knew no bounds when the spot was fixed to Bori which is on the Dhamdha road route.

An apprehensive knowledge of things are always required for students to start a particular study of a particular site in their natural environment. So classroom study and field study are complementary to each other and we cannot ignore any one of them. Hence keeping these two things in view, this study tour was organised by the Department of Botany, Govt. Naveen College Bori as per syllabus prescribed by the Hemchand Yadav University.



AIM AND OBJECTIVE OF THE TOUR

1. To observe and collect the plant species from study site.
2. To study the natural habitats and characters of the plants found in the area.
3. To collect some plant species for herbarium preparation submission for examination
4. The collected plant may be kept and used for reference studies



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REQUISITES FOR THE FEILD COLLECTION

The following equipments are to be carried along in the field of study:

1. Knives
2. Forceps
3. Scissors
4. Magnifying lenses
5. Portable plastic containers
- 6 Herbarium press
7. Formaldehyde
8. Scale
9. Notebook, pen pencil
10. Camera

TOUR DIARY

On 25th September 2024, all of us and our respected teacher, madam Dr. sangita Devi Sharma met each other at 11:00 am in the college campus. From there, everybody went for our field visit. We reached the place at 11.30 am . After observing the plants diseases and staying there for around 2 hours, we came back around 1.30 pm at college . A survey was conducted during March 2019 to observe the disease prevalence in major crops in that region. The results of this survey showed the prevalence of twenty major diseases in that region. The following crops were surveyed:

1. Rice
2. Maize
3. Rose
4. Banana
5. Citrus
6. Tomato
7. Castor
8. Teak

SPECIMEN COLLECTED FROM THE STUDY SITE

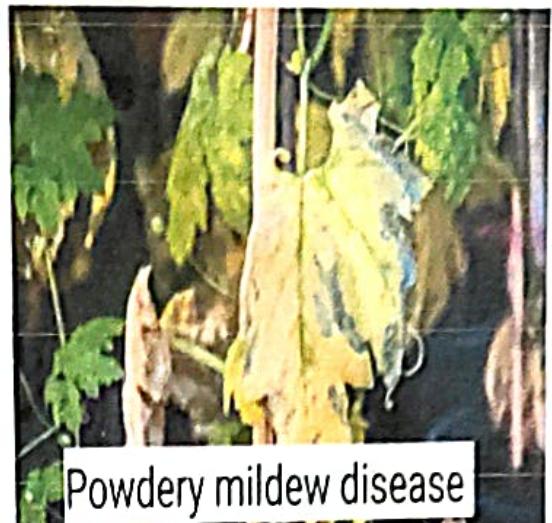
S.no.	Name of the host	Name of the disease	Causal organism
1.	Paddy (Dhaan)	Narrow brown spot disease, Bacterial blight	<i>Helminthosporium orzae</i> , <i>Xanthomonas campestris</i> .
2.	Ivy gourd (kundaru)	Cercospora leaf spot	<i>Cercospora citrullina</i>
3.	Bitter gourd (karela)	Powdery mildew disease	<i>Sphaerotheca fuliginera</i>
4.	Ladyfinger (bhindi)	Yellow mosaic virus , Downy mildew disease	Monopartite begomovirus, Microscopic fungus .
5.	Brinjal (baingan)	Alternaria leaf spot, Little leaf of brinjal	<i>Alternaria solani</i> , Micoplasma like organism(MLO)
6.	Pigeon pea (Arhar)	Yellow vein mosaic	Emaravirus (PPMSV)
7.	Beans (Sem)	Beans rust	<i>Uromyces appendiculatus</i>
8.	Pumpkin(kaddu)	Powdery mildew disease	<i>Sphaerotheca fuliginera</i>
9.	Citrus (nimbu)	Citrus canker	<i>Xanthomonas citri</i>
10.	Sugarcane (ganna)	Red rot of sugarcane	<i>Colletotrichum falcatum</i>



Rice brown spot disease



Cercospora leaf spot



Powdery mildew disease



Yellow Mosaic Virus



Alternaria leaf spot



Yellow Vein Mosaic virus



Beans Rust



Powdery mildew disease



CITRUS CANKER



Red rot of sugarcane





 GPS Map Camera

Funda, Chhattisgarh, India
GOVT. NAVEEN COLLEGE BORI

Lat 21.322773°

Long 81.259825°

25/09/24 11:58 AM GMT +05:30

Google

CONCLUSION

Our tour was very interactive and interesting, student participants interacted in a very well disciplined manner cooperated well with the teacher guide and overall the tour was grand success. We realised that viewing the flora and fauna in its natural form made us vivid enhancing the classroom lectures and laboratory experiments.

Last but not the least we would like to mention the quotation:

"Practice without theory is blind and theory without practice is sterile "

So theory and practice must go hand in hand all the time.

GOVT. NAVEEN COLLEGE BORI

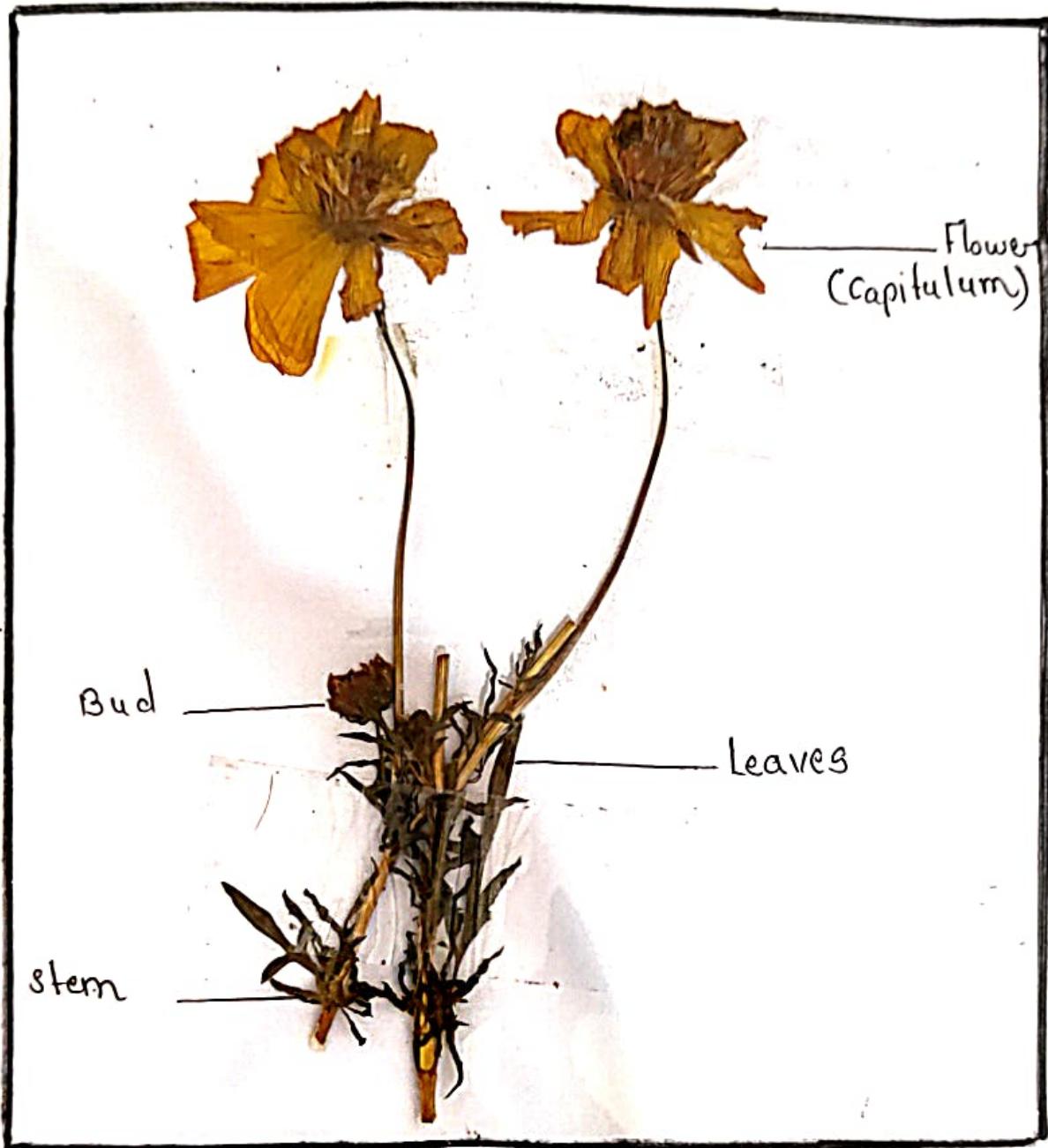


SESSION – 2024 – 2025

**HERBARIUM FILE
BY
DEPARTMENT OF BOTANY**

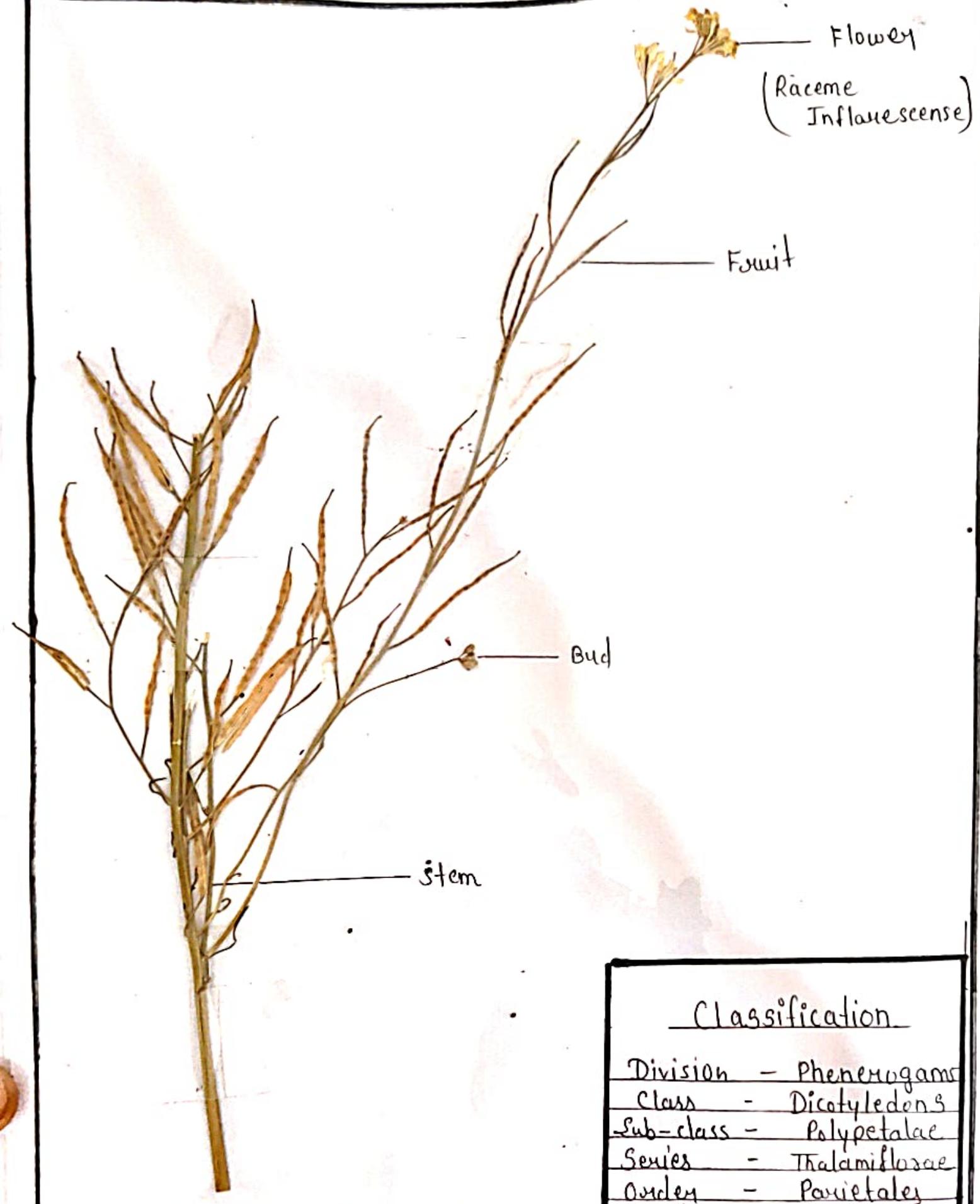
**Students Of
B.Sc. II (Bio)**

**Guided By
Dr. Sangeeta Sharma**



Botanical Name - *Cosmos Sulphureus*

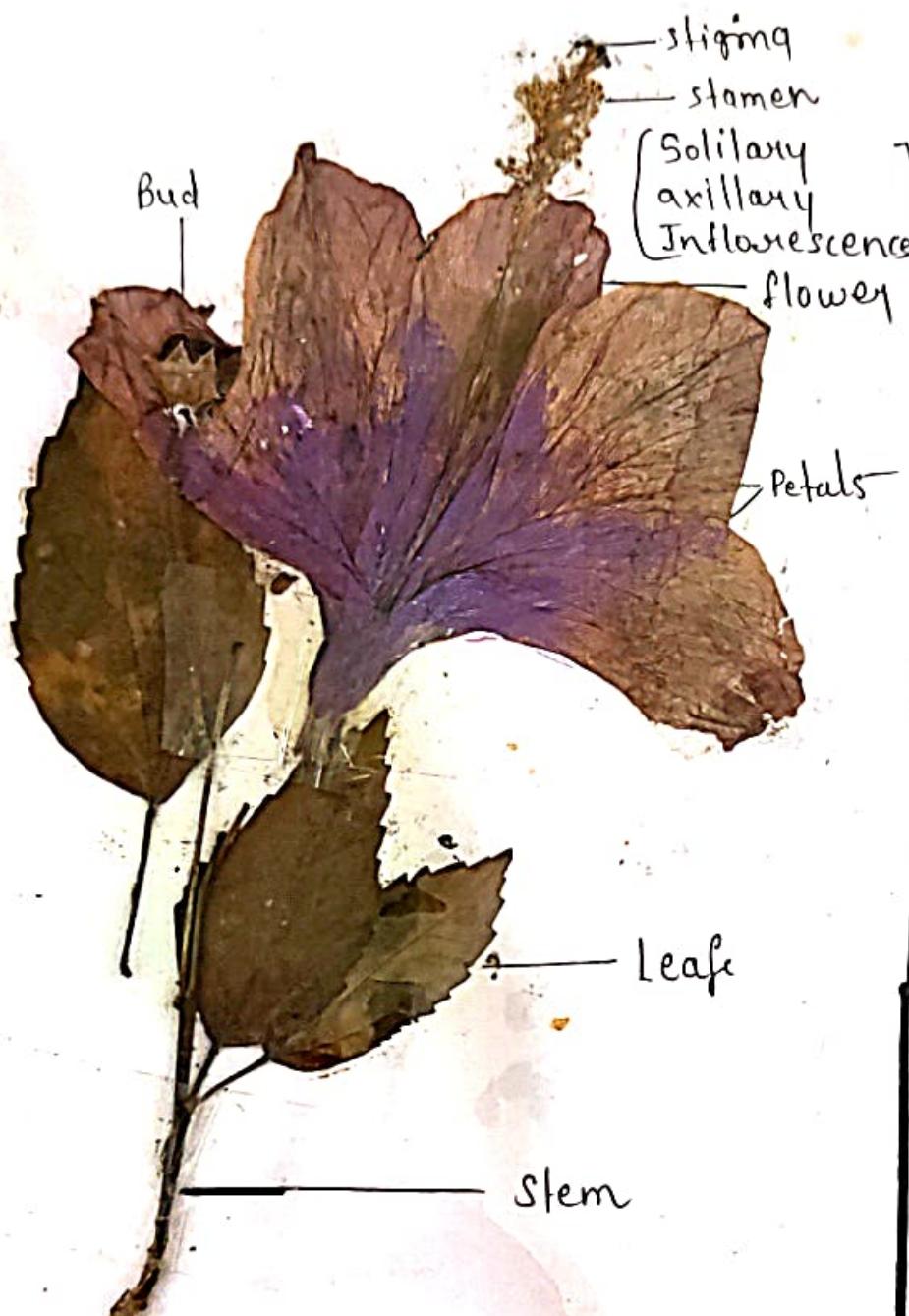
<u>Classification</u>	
<u>Division</u>	- <u>Phenemograms</u>
<u>Class</u>	- <u>Dicotyledons</u>
<u>Sub-class</u>	- <u>Polypetalae</u>
<u>Order</u>	- <u>Ranales</u>
<u>Family</u>	- <u>Ranunculaceae</u>



Botanical Name - Brassica campestris

Classification

Division	- Phenemogams
Class	- Dicotyledons
Sub-class	- Polypetalae
Series	- Thalamiflorae
Order	- Parietales
Family	- Cruciferas



Classification

Botanical Name - *Hibiscus rosa-sinensis*

Division - Phenogams
 Class - Dicotyledons
 Sub-class - Polypetalae
 Series - Thalamiflorae
 Orders - Malvales
 Family - Malvaceae



Botanical Name - *Murraya paniculata*

Classification

Division - Phanerogams
Class - Dicotyledons
Sub-class - Polypetalae
Series - Disciflorae
Order - Geraniales
Family - Rutaceae



Botanical Name - *Murraya paniculata*

Flower
(Terminal Cyme)
(Inflorescence)

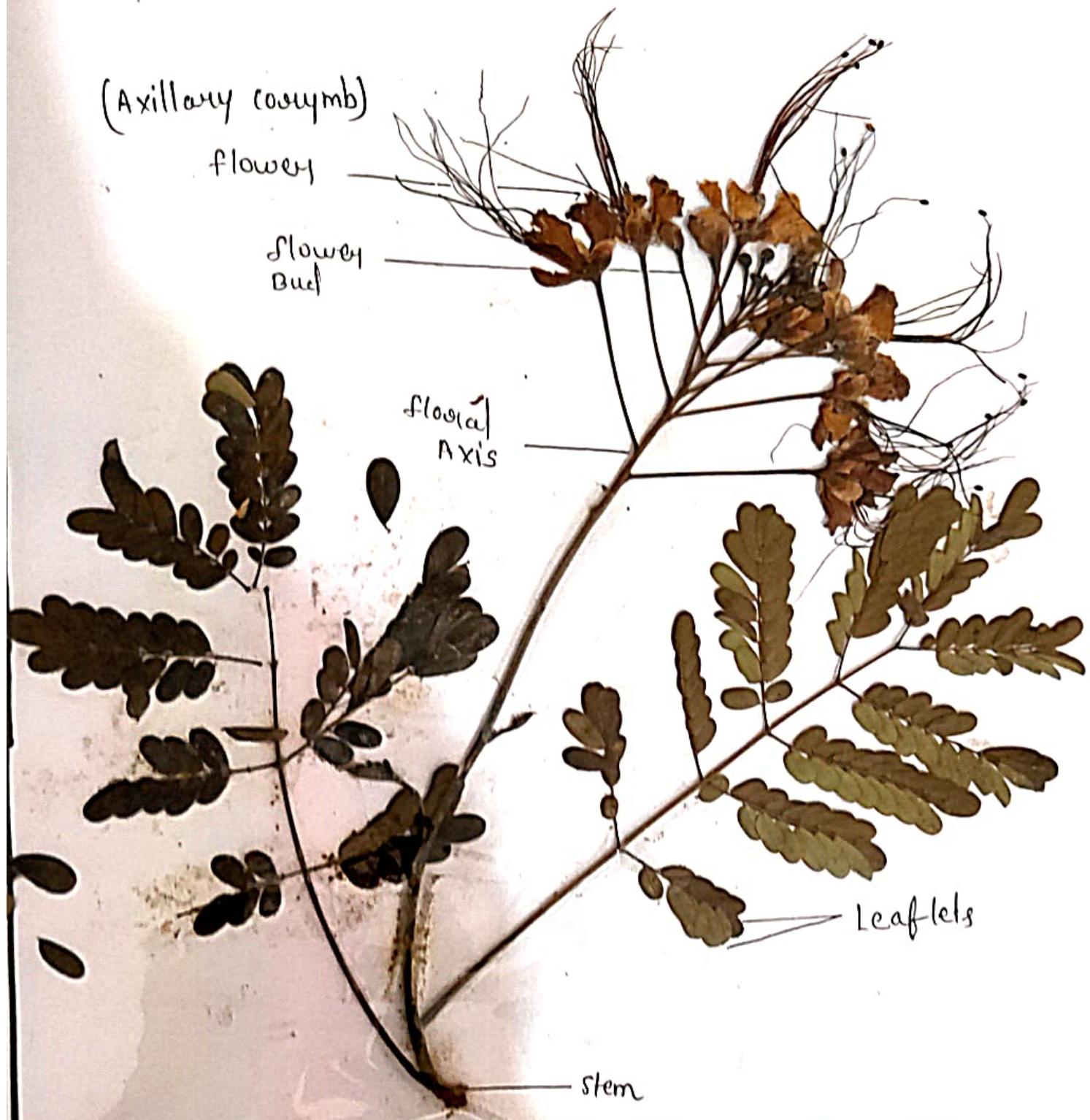
Bud

Leaf

stem

Classification

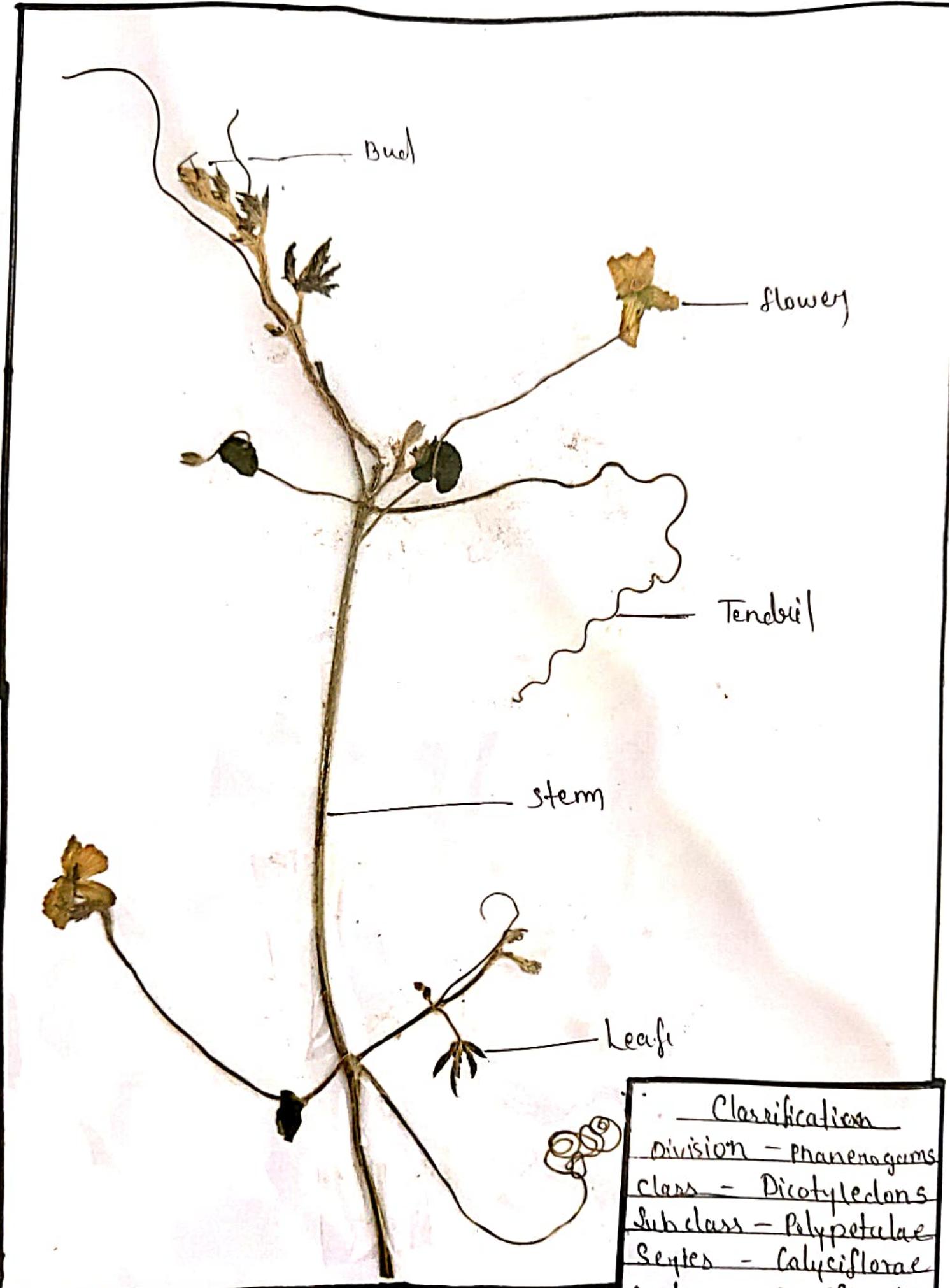
Division - Phanerogams
Class - Dicotyledons
Sub-class - Polypetalae
Series - Disciflorae
Order - Grewianales
Family - Rutaceae



Botanical Name - *Delonix regia*

Classification

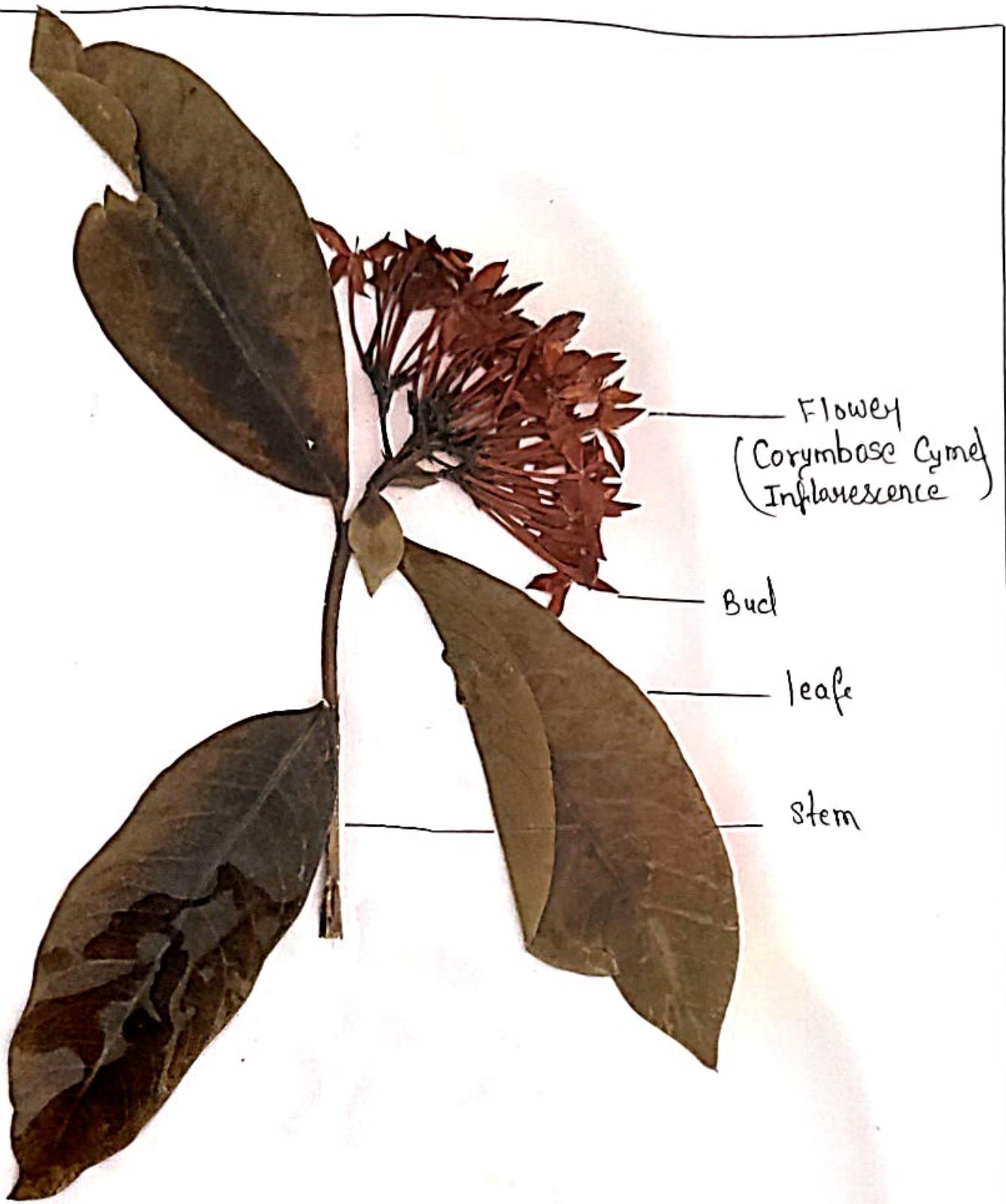
Division	- Phanerogams
Class	- Dicotyledons
Sub-class	- Polypetalae
Series	- Calyciflorae
Order	- Rosales
Family	- Fabaceae or Leguminosae



Botanical Name - Momordica charantia

Classification

division - phanerogams
class - Dicotyledons
sub-class - Polypetalae
Series - Calyciflorae
order - Parviflorales
Family - Cucurbitaceae



Flower
(Corymbose Cyme)
Inflorescence

Bud

leaf

stem

Classification

Division - Phanerogams

Class - Dicotyledons

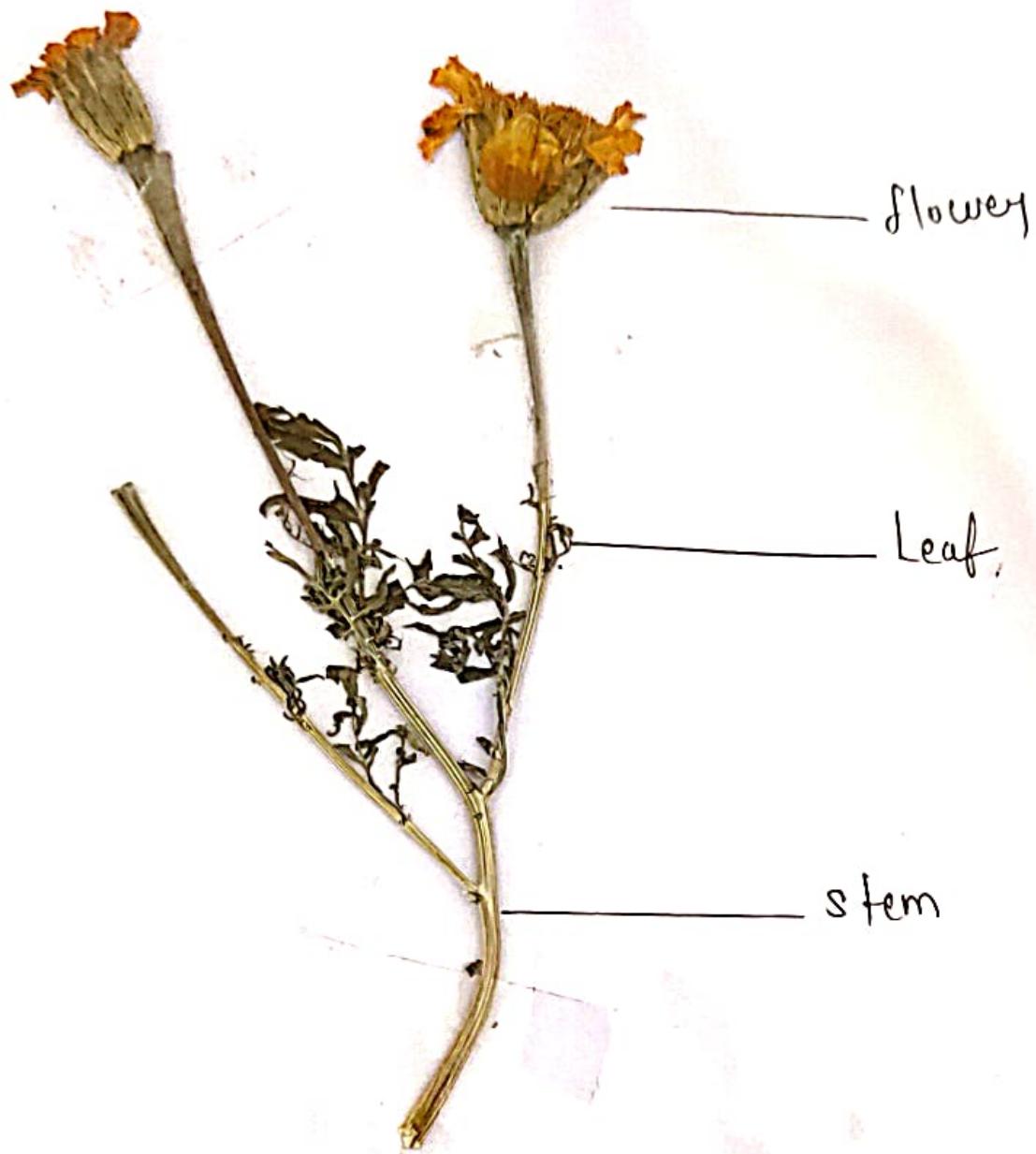
Sub-class - Gramineatae

Series - Inferae

Order - Rubiales

Family - Rubiaceae

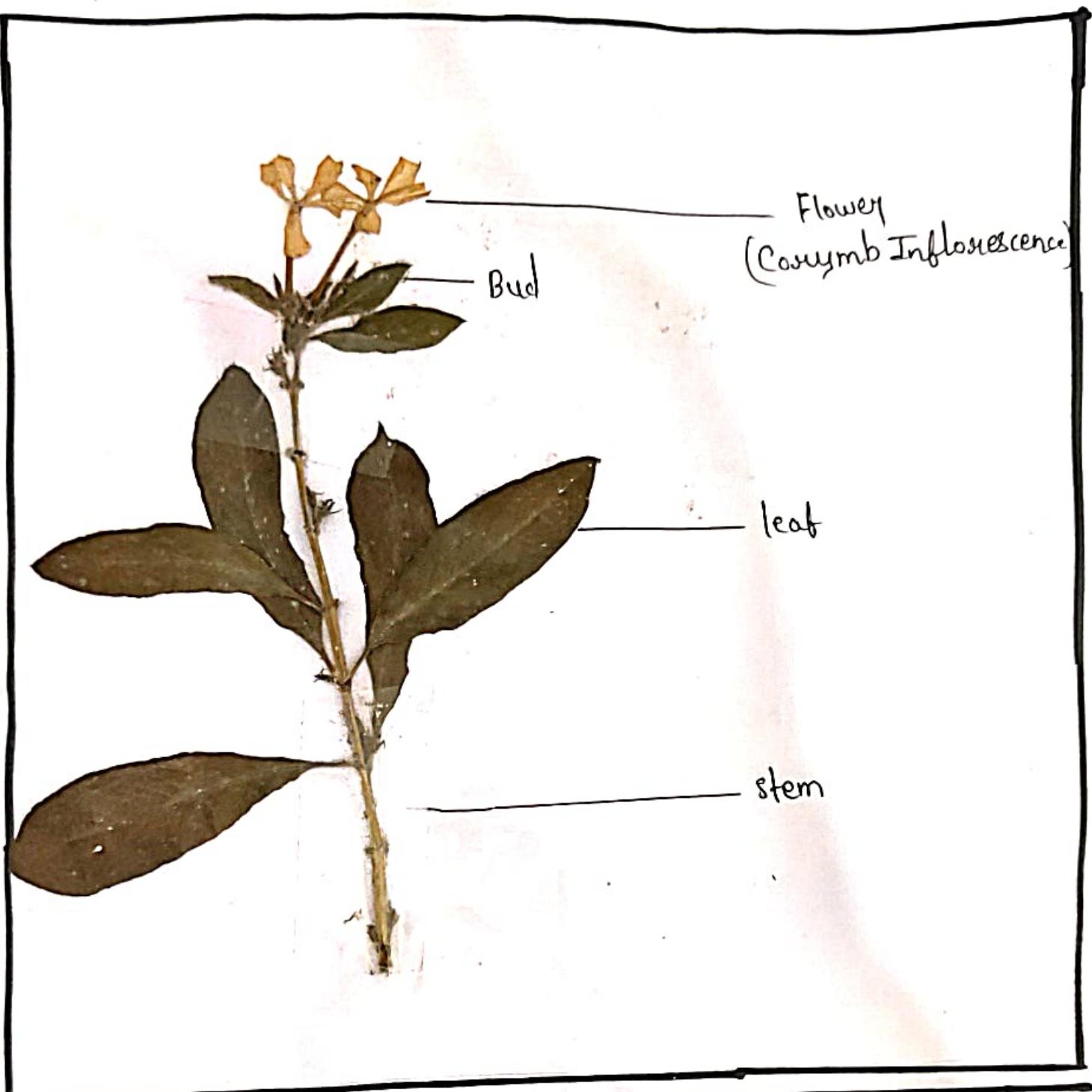
Botanical Name - *Ixora coccinea*



Botanical Name :- *Tagetes erecta*

Classification

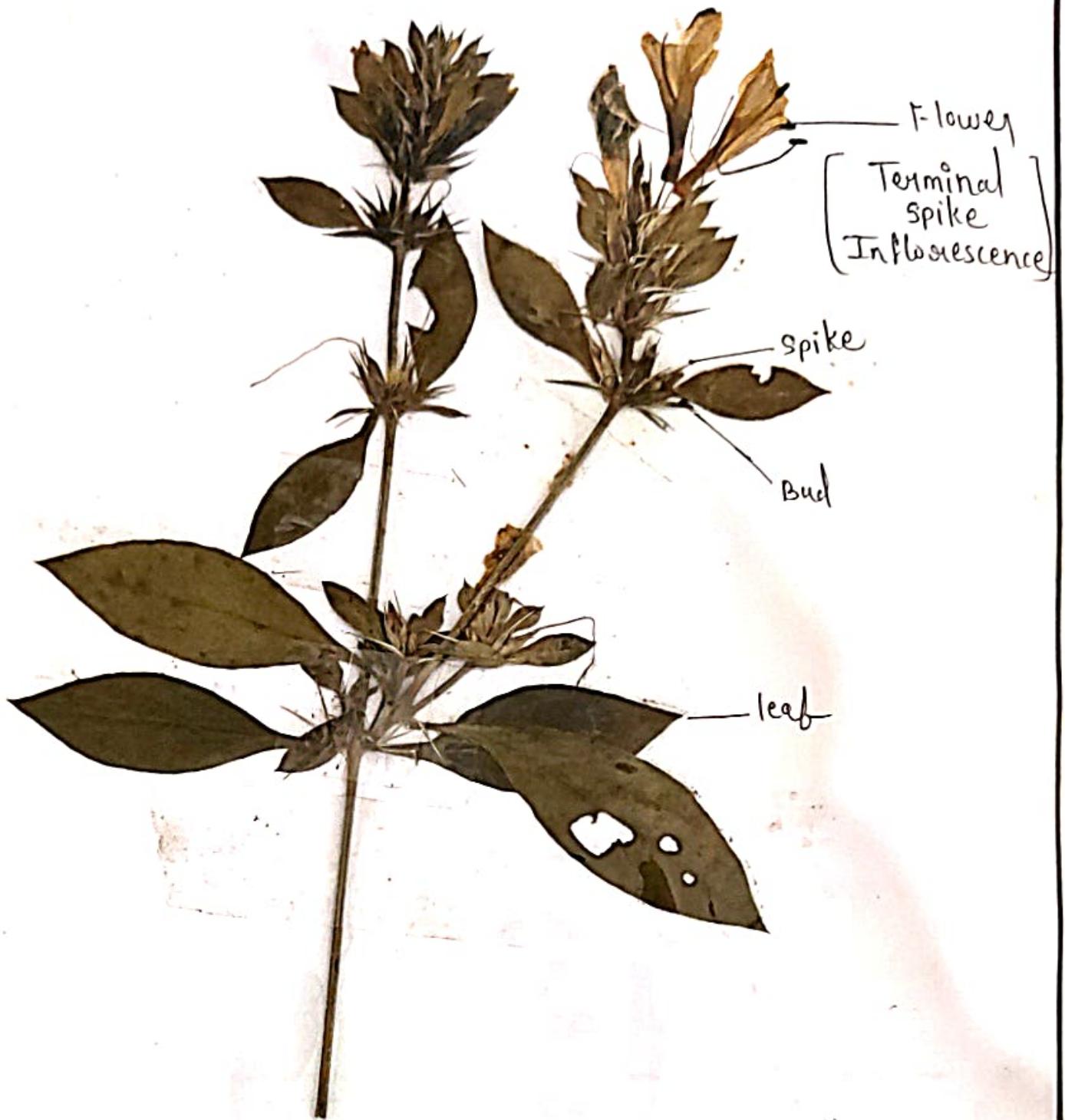
Division - Phanerogams
Class - Dicotyledons
Sub-class - Gramopetalae
Series - Inferae
Order - Asterales
Family - Asteraceae



Botanical Name - Catharanthus roseus

Classification

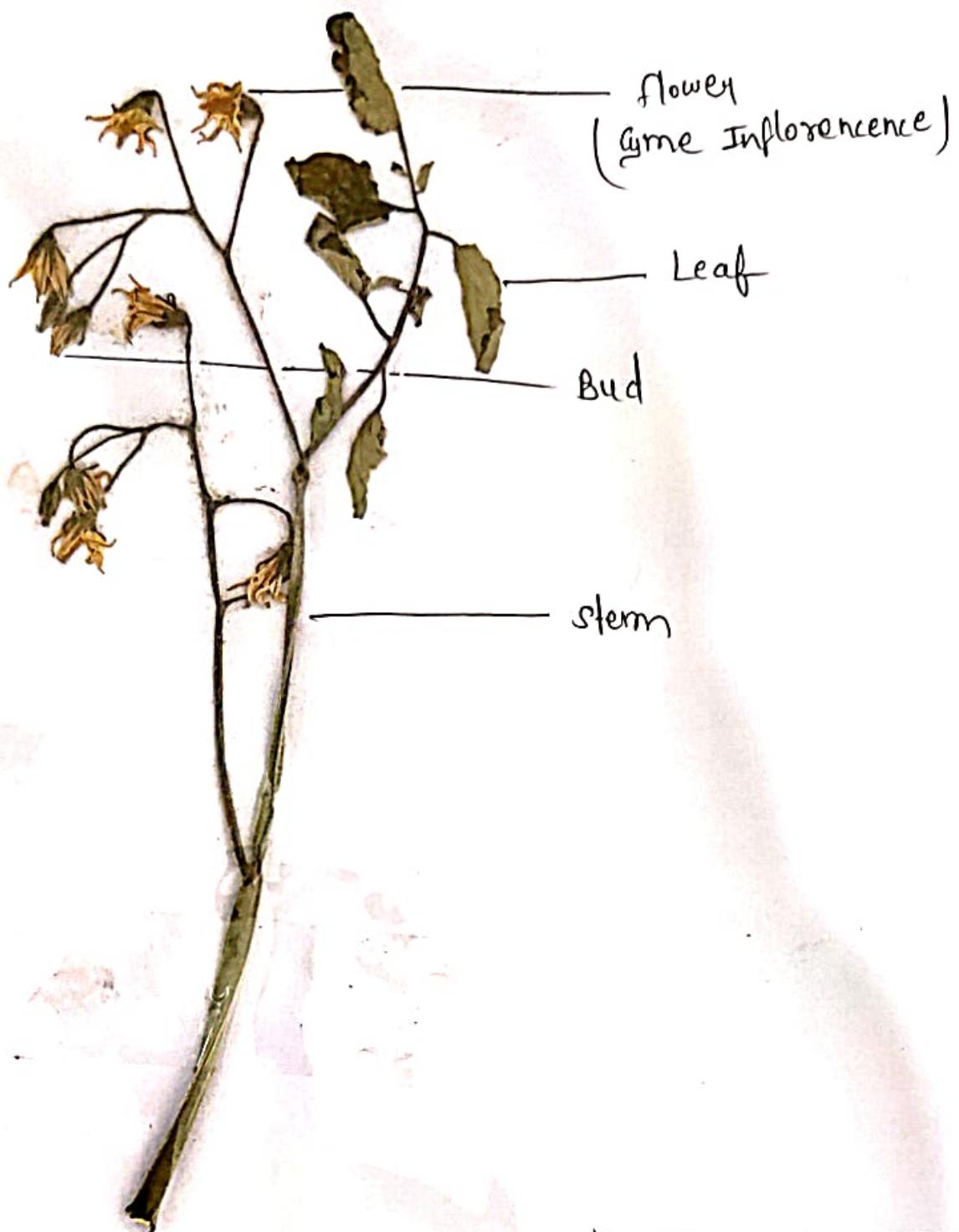
Division - Phanerogams
Class - Dicotyledons
Sub-class - Gramopetalae
Series - Bicarpellatae
Order - Gentianales
Family - Apocynaceae



Botanical Name - Bayleria peronitis

Classification

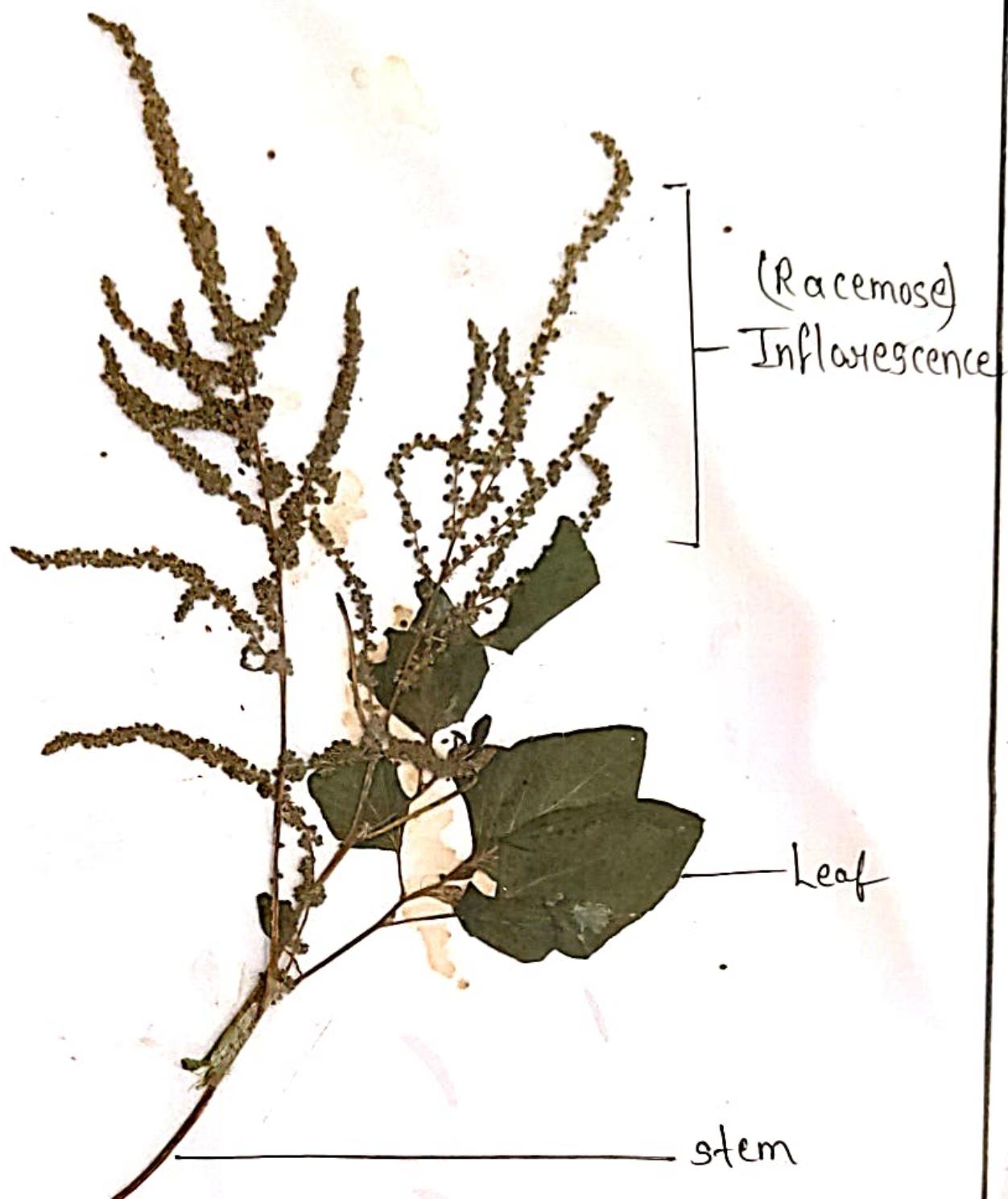
Division - Phanerogams
 Class - Dicotyledons
 Sub-class - Gramopetalae
 Series - Ricinellatae
 order - Personales
 family - Acanthaceae



Classification

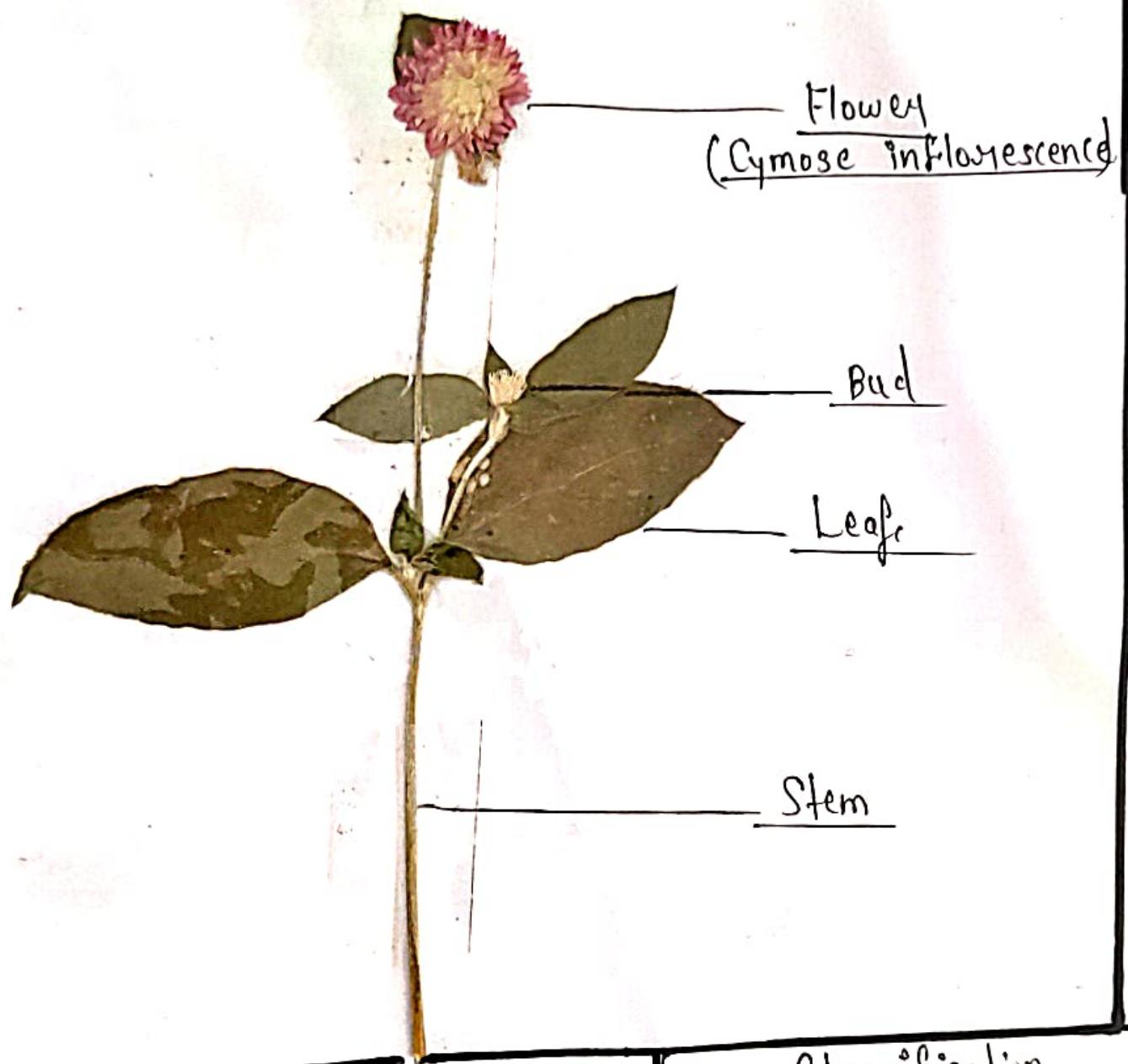
Division - Phanerogams
Class - Dicotyledons
sub-class - Gramopetalae
series - Solanales

Botanical Name - Solanum lycopersicum Order - Solanales
Family - Solanaceae



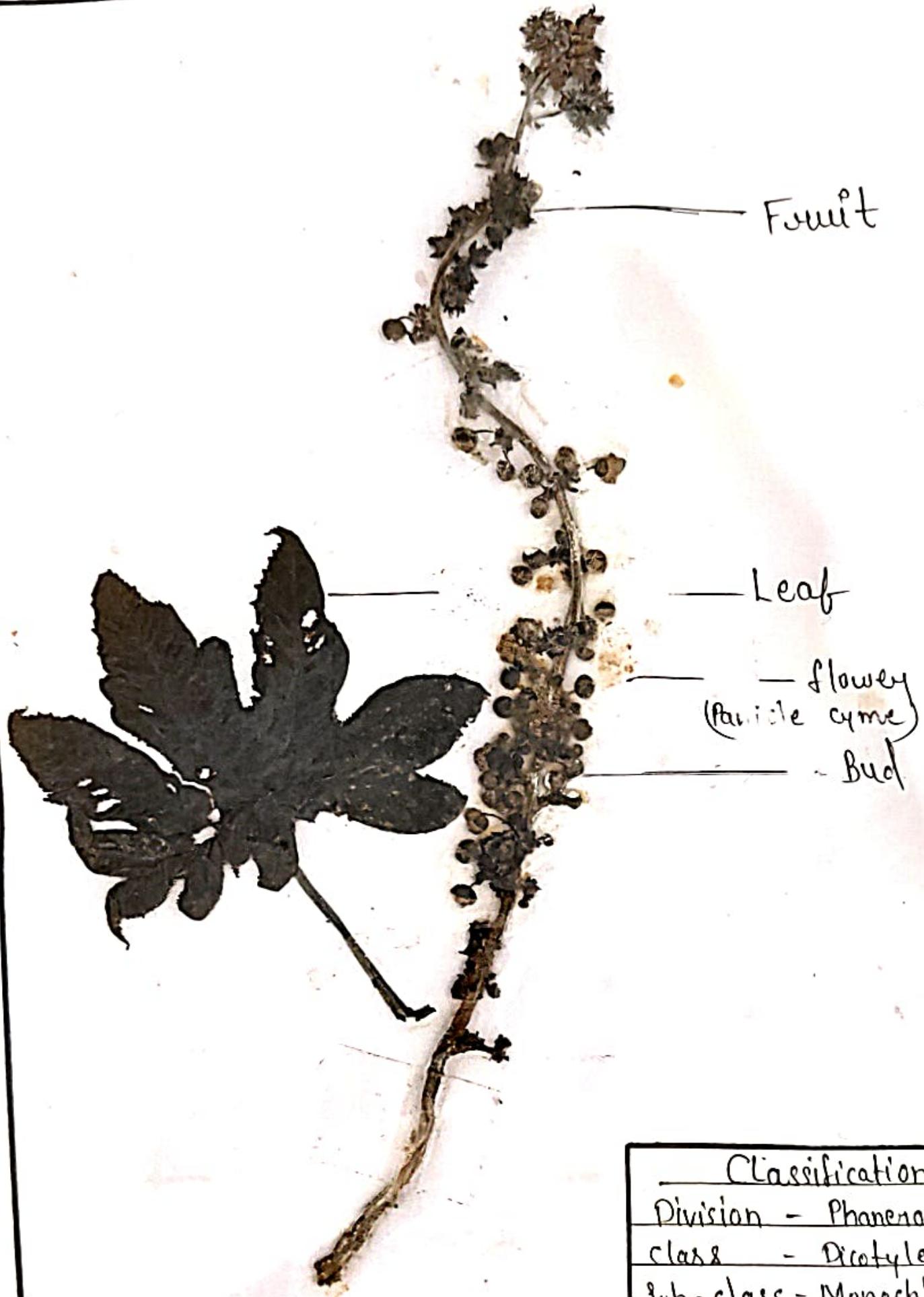
Botanical Name - Amaranthus
oleaceae

Classification
 Division - Phanerogams
 Class - Dicotyledons
 Sub-class - Monochlamydeae
 Order - Incompleteae
 Family - Amaranthaceae



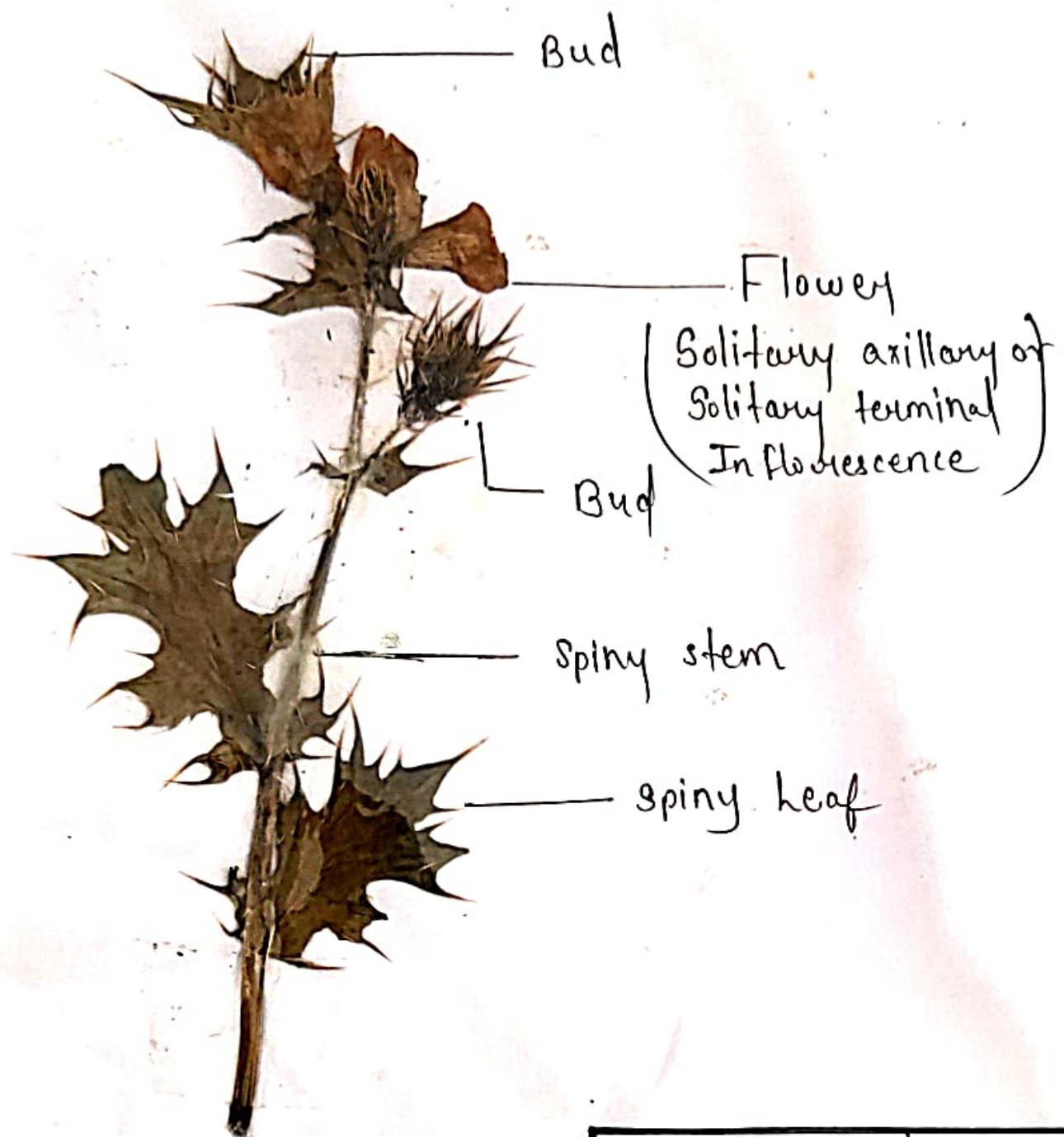
Botanical Name - Gomphrena globosa

Classification
Division - Phanerogams
Class - Dicotyledons
Sub-class - Monochlamydeae
Order - Caryophyllaceae
Family - Amaranthaceae



Botanical Name - Ricinus communis

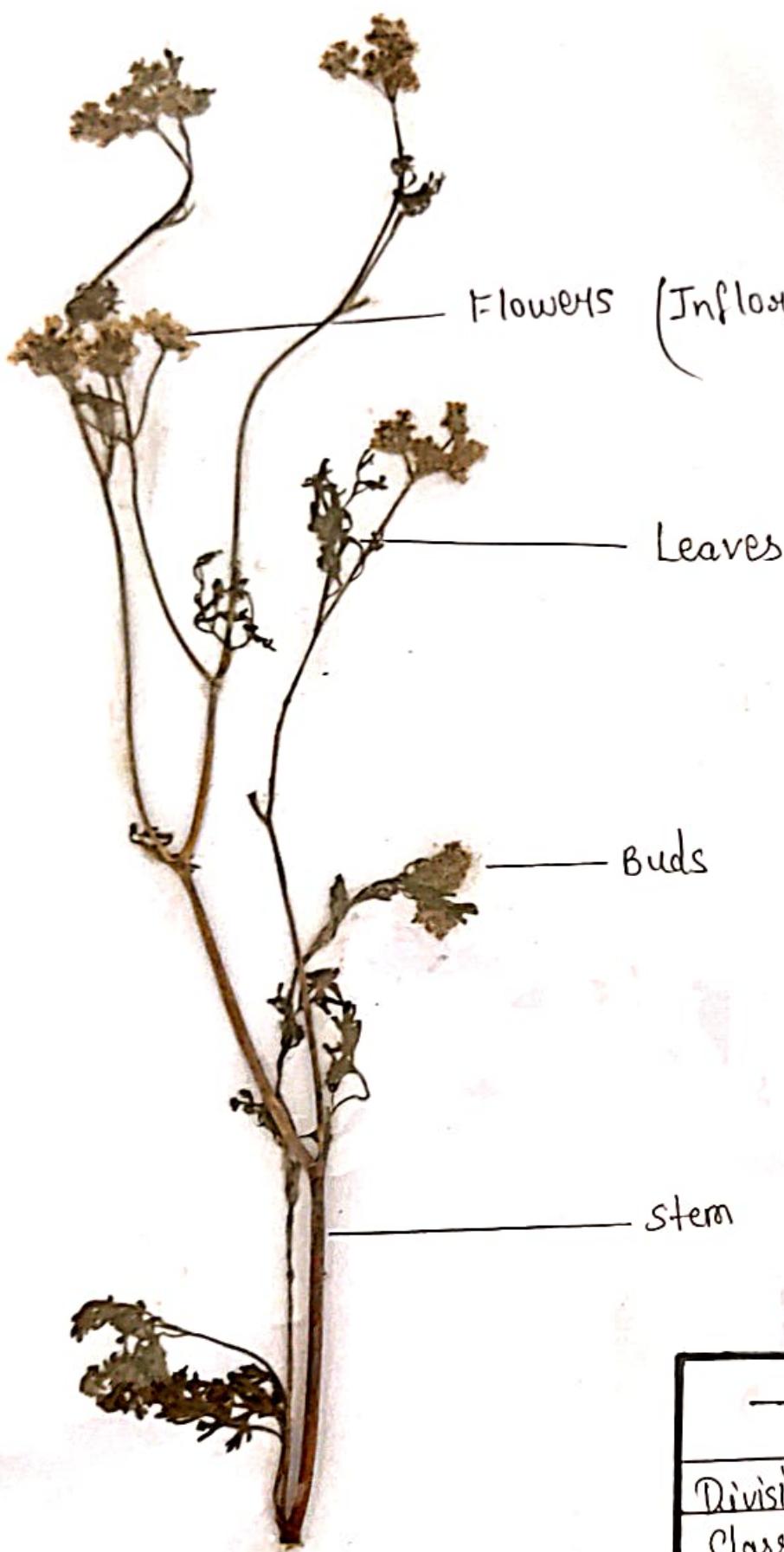
Classification
Division - Phanerogams
class - Dicotyledone
Sub-class - Monochlamyde
 - Incomplete
Order - Unisexuals
Family - Euphorbiaceae



Classification

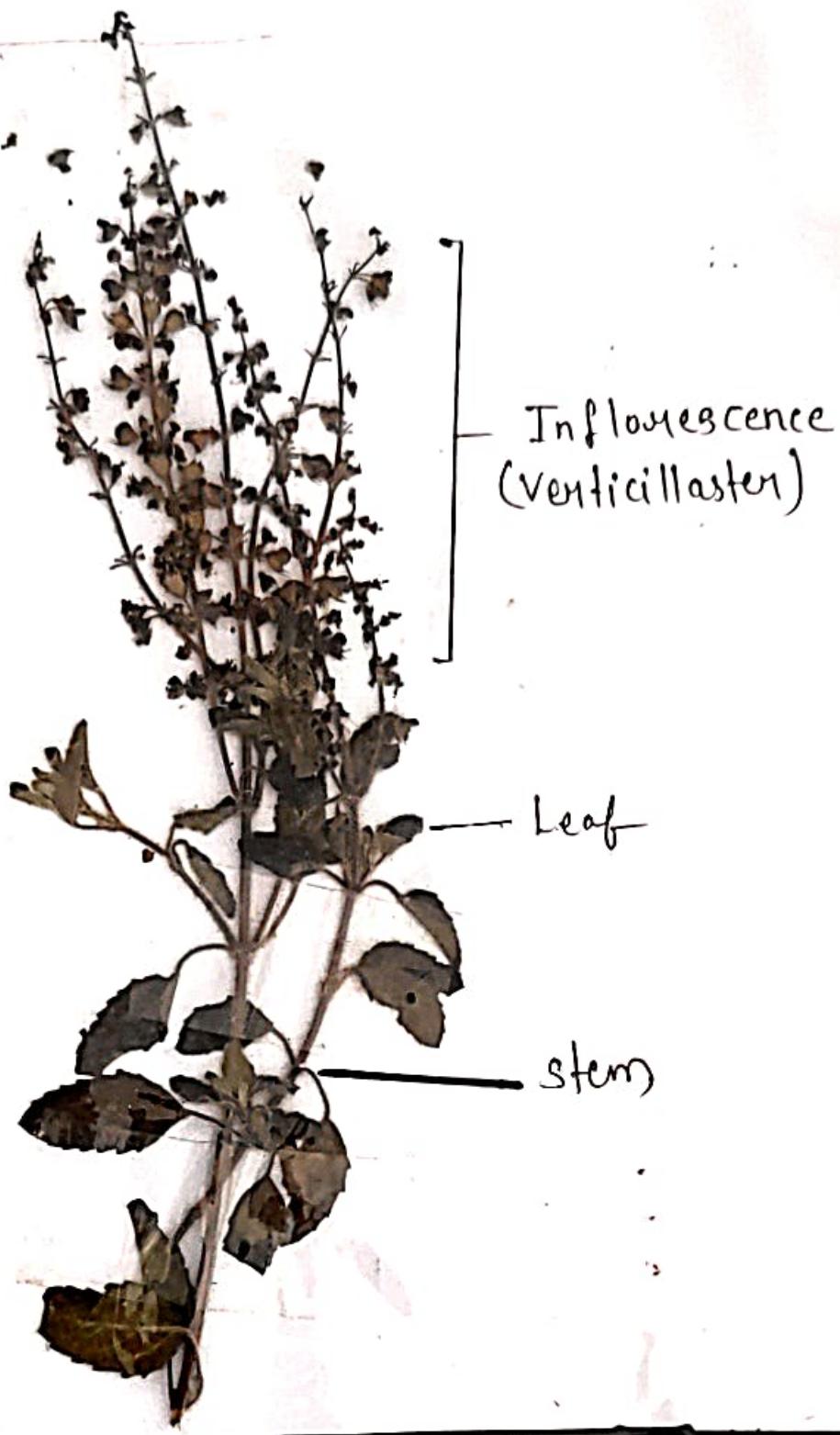
Division	- Phanerogams
Class	- Dicotyledons
Sub-class	- Polypetalae
Series	- Thalamiflorae
Order	- Paeoniales
Family	- Papaveraceae

Botanical Name - *Augemone maxicana*



Botanical Name - *Coriandrum sativum*

<u>Classification.</u>	
Division -	Phanerogams
Class -	Dicotyledons
Sub-class -	Magnoliidae
Order -	Apiales
Family -	Apiaceae



Botanical Name - Ocimum sanctum

Classification

Division - Phanerogams
Class - Dicotyledons
Sub-class - Gramopetalae
Series - Bicarpellatae
Order - Lamiales
Family - Lamiaceae



Botanical Name - Zephyranthes grandiflora

Classification
Division - Phanerogamy
Class - Monocotyledone
Series - Cormocaricaceae
Family - Liliaceae



Botanical Name - *Oryza sativa*

Classification
Division - Phanerogams
Class - Monocotyledons
Series - Gramineae
Family - Poaceae or
Gramineae

Inflorrescence type - स्थानीय
का फैलावल

Leaf
Fruit



Botanical Name - *Combretum indicum*

Classification	
Division	- Phanerogams
Class	- dicotyledons
SubClass	- Rosidae
order	- Myrtales
Family	- Combretaceae



Botanical Name - Tecoma stans

Classification

Division - Phanerogams

Class - Dicotyledons

Order - Lamiales

Family - Bignoniaceae

Genus - Tecoma

Species - stans



Botanical Name - *Munroa paniculata*

Classification

Division - Phanerogams

Class - Dicotyledons

Order - Sapindales

Family - Rutaceae

Genus - *Munroa*

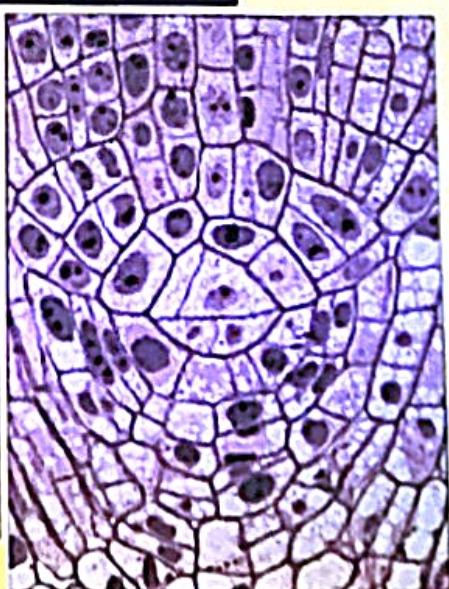
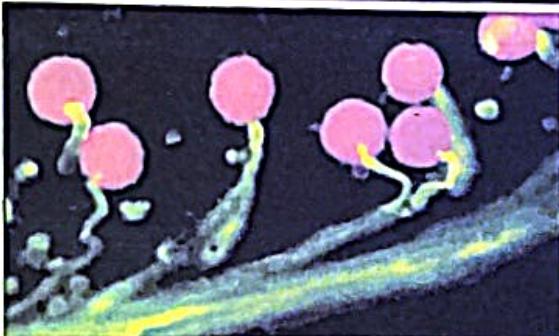
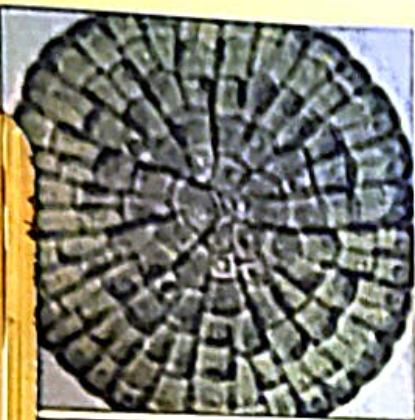
Species - *Paniculata*

BOTANY *for the* NEXT MILLENNIUM

CLIPS

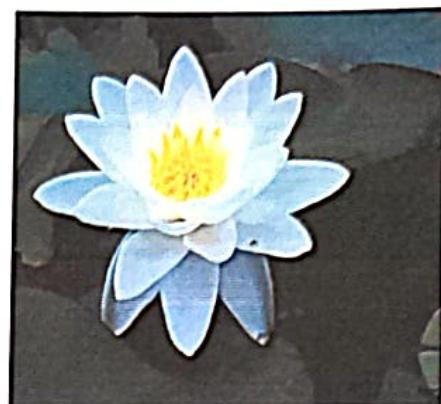
KARBO

CLIPS



Name - Amar Das Banjare Class - B.Sc. III (RIO)

COMMON NAME - **LOTUS**
BOTANICAL NAME - **NELUMBO NUCIFERA**



Name-Muskan kaushik (B.scIII)

COMMON NAME-LILY
BOTANICAL NAME- *Lilium*



COMMON NAME -BESHRAM

BOTANICAL NAME-*Ipomoea carnea*



Name – Vishnu sahu (B.sc III)

COMMON NAME -APRAJITA

BOTANICAL NAME - *Clitoria ternatea*



Name - Astha sahu (B.sc III)

COMMON NAME - DHATURA

BOTANICAL NAME - *Datura stramonium*.



Name - Sangeeta (B.sc III)

COMMON NAME - DHATURA

BOTANICAL NAME - *Datura stramonium*.



NAME - JAGESHWARI
CLASS - Bsc. III

**COMMONNAME – MONGRA
BOTANICALNAME – JASMINUM SAMBAC**



COMMON NAME - BALSAM

BOTANICAL NAME - *Impatiens balsamina*



Name - Krishnkant BSc final year

COMMON NAME - GUDHAL

BOTANICAL NAME - *Hibiscus rosa sinensis*



LAXMI VERMA B.Sc Final

COMMON NAME – ROSE

BOTANICAL NAME – *Rosa indica*



MAMTA DHANKAR B.SC FINAL YEAR

Common Name - ixora

Botanical Name - *jungal Geranium*



Time - payal sharma (B.sc. III)

Common Name -Sarpgandha

Botanical Name - *Rauvolfia*
sarpentina

Name → SURUCHI , Class → BSc II



Common Name - Nerium

Botanical Name - *Nerium Oleander*

Name → Suriuchi , Class → BSC III



COMMON NAME - GULMOHAR
BOTANICAL NAME – *Delonix regia*

Delonix regia



NAME - SHWETA (B.SC III BIO)

COMMON NAME - ROSE

BOTANICAL NAME - *Rosa indica*



Name - Dhaneshwari Patel
(Ramayan Patel)

Class - BSC III (Bio) -

COMMON NAME - DAISY

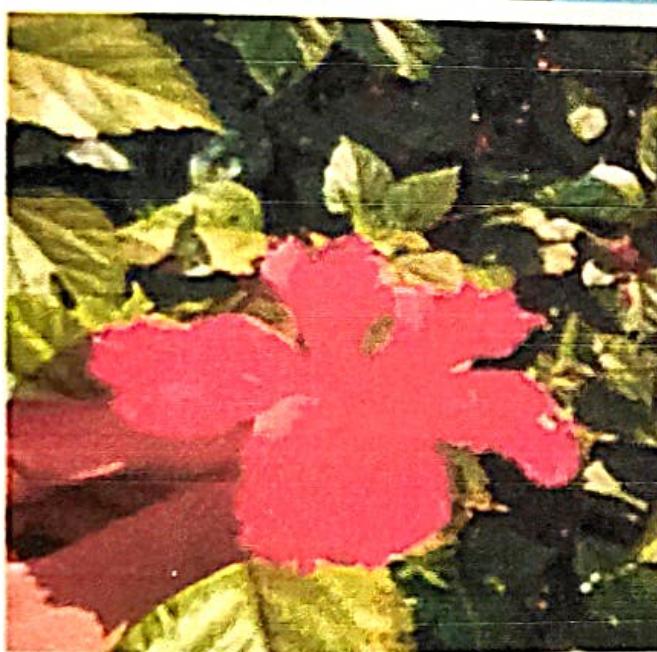
BOTANICAL NAME - *Bellis perennis*



**NAME - Chanchal sahu
(Bsc 3rd year)**

common Name - china rose

Botanical Name - *hibiscus rosa sinensis*



Name - Dhaneshwari
class - Bsc. Third Year

Common Name - Champa

Botanical Name - *Magnolia Champaka*



Name - Priya sahu (B.S.C III)

Botanical Name - Bougainvillea
Common Name - PaPerFlower



Name - Tikeshwari
Class - BSc. Third Year

COMMON NAME - JASMINE (CHAMELI)

BOTANICAL NAME - *Jasminum*



**NAME -Amrit verma
(Bsc 3rd year)**

COMMON NAME - MADAGASCAR PERIWINKLE

BOTANICAL NAME - *Catharanthus roseus*



**NAME -Chandani sahu
Bsc 3rd year**

COMMON NAME - GUDHAL

BOTANICAL NAME - *Hibiscus rosa sinensis*

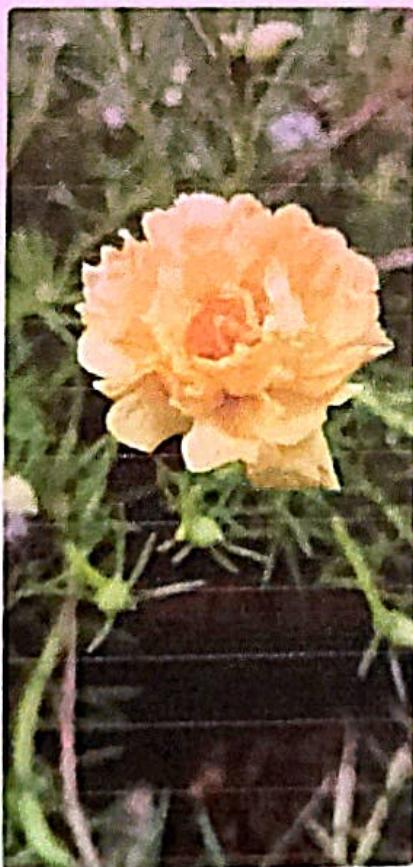


NAME -DEVRAT PATEL

Bsc 3rd year

COMMON NAME - PORTULACA

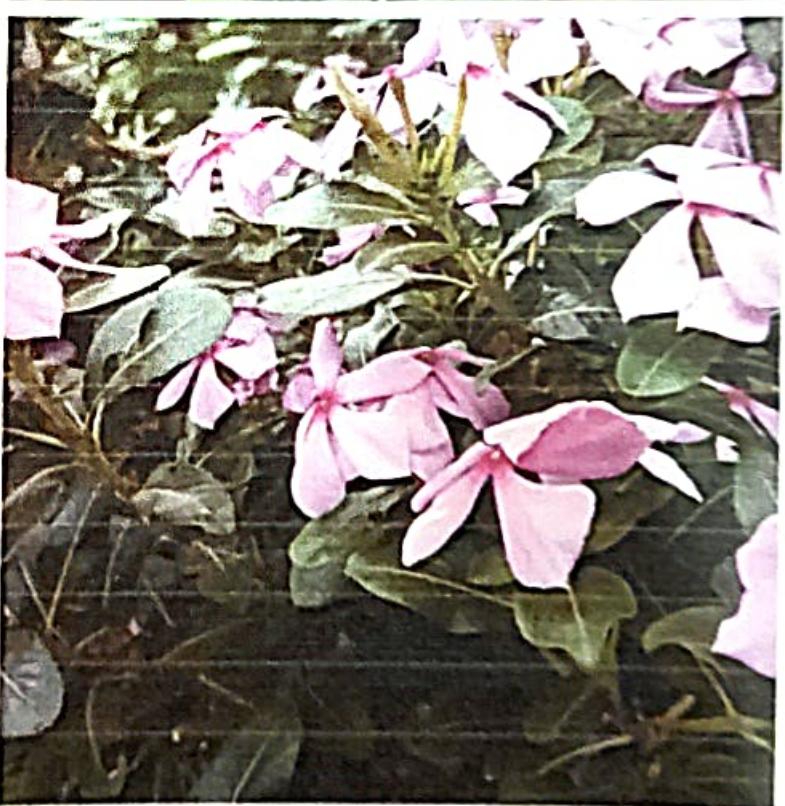
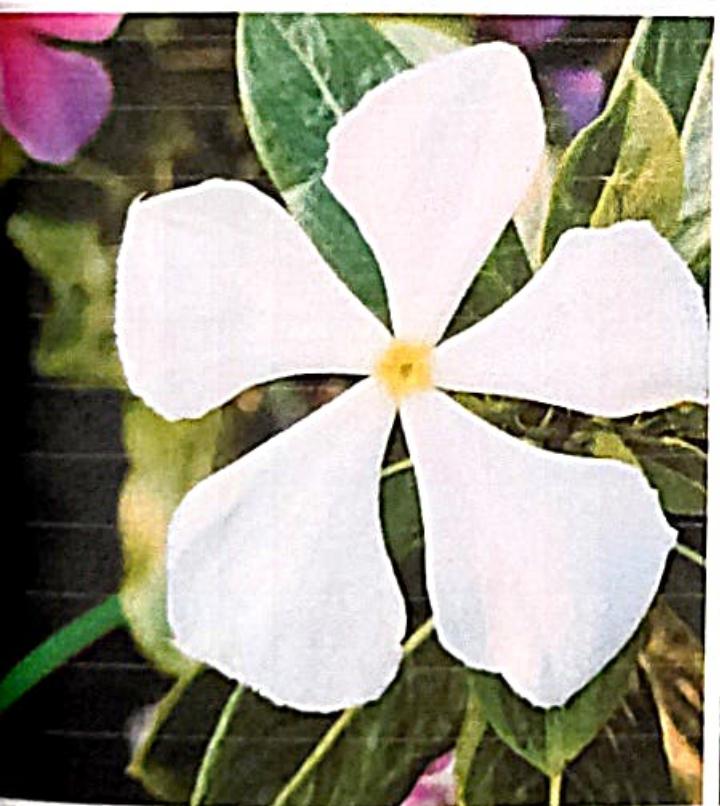
BOTANICAL NAME – *Portulaca species*



Name - Doshi (B sc III)

COMMON NAME - Sada suhagan

BOTANICAL NAME - *Catharanthus roseus*



Name - Pushpa (B.sc III)

COMMON NAME - NERIUM

BOTANICAL NAME – *Nerium indicum*



Name - Kajal (B.sc III)

COMMON NAME - ZINNIA

BOTANICAL NAME - *Zinnia elegans*



Name - Harshika(Bsc III)

Common name -Rajanigandha
Botanical name: *Agave amica*



Name -chanchal patel (BscIII)

Common name -Rajanigandha
Botanical name: Agave amica



Name -chanchal patel (BsclII)

COMMON NAME - MARIGOLD

BOTANICAL NAME - *Tagetes species*



Name - Gajendra Kumar (B.sc III)

COMMONNAME - SEVANTI

BOTANICALNAME-*Chrysanthemum multiform*



Name - Jyoti Bsc final year

COMMON NAME – CANNA LILY

BOTANICAL NAME – *Chlorodendron flomix*



NAME – KAILASH DEWANGAN (B.SC III BIOLOGY)

common Name - Raatrani

Botanical Name - *cestrum Nocturum*



Name of student

Dhaneshwar patel Bsc (III)

COMMON NAME – SAFED MURGA, SURVALI

BOTANICAL NAME – *Celosia argentea*



NAME – NITISH (B.SC – III BIO)

COMMON NAME – SUNFLOWER

BOTANICAL NAME – *Helianthus annuus*



NAME – NEELAM(B.SC – III BIO)

COMMON NAME – SWEET WILLIAM

BOTANICAL NAME – *Dianthus barbatus*



NAME – OMIKA DEWANGAN(B.SC – III BIO)

COMMON NAME _ ROSEMARY
BOTANICAL NAME _ *Rosmarinus*



Name_ Neha (BscIII)

हेमचंद यादव विश्वविद्यालय दुर्ग

क्षेत्र आधारित प्रायोगिक कार्य

शोध प्रविधि

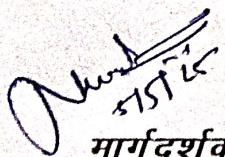
एम. ए. (राजनीति विज्ञान) चतुर्थ सेमेस्टर के 4th

प्रश्न पत्र के अंतर्गत



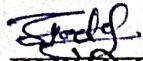
सत्र 2024–2025

विषय – “कौशल विकास”


मार्गदर्शक

डॉ. नुशरश जहां
अतिथि व्याख्याता

50%
Metabol
07-05-25


प्रायोगिक कर्ता
शीतल कुमार
एम.ए. चतुर्थ सेमेस्टर

शासकीय नवीन महाविद्यालय बोरी दुर्ज
(छ.ग.)

दुर्ज जिले पर आधारित
परियोजना कार्य



एम ए राजनिति विज्ञान के अंतर्गत मास्टर ऑफ आद्स
की उपाधि हेतु प्रस्तुत प्रतिवेदन

विषय – छत्तीसगढ़ की राजनिति एवं शासन
व्यवस्था की संपूर्ण जानकारी

Dr. Nusrat Jahan
मार्गदर्शक
डॉ. नुसरत जहाँ

50/ ज्ञानवाला
07-05-25

Dr. Dhaniram
प्रायोगिक कर्ता
धनीराम
एम.ए. चतुर्थ सेमेस्टर

शासकीय नवीन महाविद्यालय बोरी दुर्ज (छ.ग.)

क्षेत्र पर आधारित परियोजना कार्य



एम ए राजनिति विज्ञान के अंतर्गत मास्टर ऑफ आर्ड्स
की उपाधि हेतु प्रस्तुत प्रतिवेदन

विषय – राष्ट्रपति के संबंध में संपूर्ण जानकारी

Muzaffar
मार्गदर्शक

डॉ. नुसरत जहां

Mukesh

Chandresh
परियोजना कर्ता
घनश्याम सिंह पटेल
एम.ए. चतुर्थ सेमेस्टर

शासकीय नवीन महाविद्यालय बोरी दुर्ज (छ.ग.)

क्षेत्र पर आधारित परियोजना कार्य



एम ए राजनिति विज्ञान के अंतर्गत मास्टर ऑफ आर्ट्स
की उपाधि हेतु प्रस्तुत प्रतिवेदन

विषय – ग्रामीण विकास के संबंध में संपूर्ण
जानकारी

मार्गदर्शक
श्री अनुराग पटेल

५० मेवाला
५०

परियोजना कर्ता
टीकाराम
एम.ए. चतुर्थ सेमेस्टर