

DEPARTMENT OF BOTANY

PROJECT REPORT (2nd semester NEP)

SYLLABUS

1. Ranawat, G.S. and Mukhopadhyay, A. (1986). Floriculture in India. Allied Publishers.

COURSE TITLE B: MEDICINAL BOTANY

COURSE OBJECTIVES:

After completion of the course the learners will be able to:

- ◆ discuss the history, scope and importance of plants as sources of medicines;
- ◆ describe methods for sustainable utilization of plant herbal resources;
- ◆ apply the knowledge gained in utilizing plants used as traditional/ folk medicines and strategize their conservation.

COURSE CONTENT (THEORY) UG-H-BOT-SEC-T-02-B

Unit 1:

(8)

History, Scope and Importance of Medicinal Plants. Indigenous Medicinal Sciences; Definition and Scope - Ayurveda: History, origin, panchamahabhutas, saptadhatu and tridosha concepts, Rasayana, plants used in ayurvedic treatments, Siddha: Origin of Siddha medicinal systems, Basis of Siddha system, plants used in Siddha medicine. Unani: History, concept: Umoor-e- tabiya, tumors treatments/ therapy, polyherbal formulations.

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Unit 2:

(8)

Conservation of endangered and endemic medicinal plants. Definition: endemic and endangered medicinal plants, Red list criteria; *in situ* conservation: Biosphere reserves, sacred groves, National Parks; *ex situ* conservation: Botanic Gardens, Ethnomedicinal plant Gardens. Propagation of Medicinal Plants: Objectives of the nursery, its classification, important components of a nursery, sowing, pricking, use of green house for nursery production, propagation through cuttings, layering, grafting and budding.

Unit 3:

(9)

Ethnobotany and Folk medicines. Definition; Ethnobotany in India: Methods to study ethnobotany; Applications of Ethnobotany: National interacts, Palaeo-ethnobotany. Folk medicines of ethnobotany, ethnomedicine, ethnoecology, ethnic communities of India. Application of natural products to certain diseases- Jaundice, cardiac, infertility, diabetes, blood pressure and skin disease.

COURSE CONTENT (PRACTICAL) UG-H-BOT-SEC-P-02-B

1. Make a field report on the important medicinal plants (at least 10) used by local inhabitants.

SUGGESTED READINGS/ REFERENCES:

STUDENT NAME, ROLL. NO. & SIGNATURE

U.G.2ND SEMESTER EXAMINATION, 2024
DEPARTMENT OF BOTANY
PRACTICAL [BOTANY MAJOR]
BOT-SEC-P-02 B

DATE:03.10.2024

SL. NO	REGN. NO.	SESSION	ROLL NO.	SIGNATURE
1	080122	2023-2024	8121247-2379266	Aishi Adhikari
2	080138		8121247-2379282	Antara Dutta
3	080151		8121247-2379295	Boosha Sarkar
4	080156		8121247-2379300	Bikish Amina
5	080164		8121247-2379319	Devlina Roy
6	080169		8121247-2379323	Devlina Roy
7	080192		8121247-2379336	Jahida Khatun
8	080196		8121247-2379340	Jebun Nesha
9	080199		8121247-2379343	Jemina Khatun
10	080222		8121247-2379366	Manisha Mandal
11	080241		8121247-2379385	Nahida Parvin
12	080247		8121247-2379391	Nargish Sultana Hasan
13	080275		8121247-2379419	Pratya Barua
14	080280		8121247-2379424	Riya Mandal
15	080297		8121247-2379441	Rita Khatun
16	080360		8121247-2379504	Saumita Biswas
17	080367		8121247-2379511	Sujata Mandal
18	080372		8121247-2379516	Sumita Mandal
19	080390		8121247-2379539	Tumpa Khatun
20	080397		8121247-2379591	Abdulila Sulafi

21	080399		8121247-2379543	Abdur Rahaman & k
22	080402		8121247-2379546	Abhira Jyoti Khan
23	080418		8121247-2379562	Aliul Molla
24	080419		8121247-2379563	Aliur Islam
25	080495		8121247-2379639	Bitu Mandal
26	080509		8121247-2379653	Laptes
27	080515		8121247-2379659	Duip Mardi
28	080520		8121247-2379664	Faisal Soukh
29	080531		8121247-2379675	Gourab Ghosh
30	080533		8121247-2379677	Gowanga Das
31	080545		8121247-2379689	Iqbal Ali
32	080574		8121247-2379718	Kazi Rahul
33	080583		8121247-2379727	Kusum Sarker
34	080585		8121247-2379729	Lekesh Biswas

U.G.2ND SEMESTER EXAMINATION, 2024
DEPARTMENT OF BOTANY
PRACTICAL [BOTANY MAJOR]
BOT-SEC-P-02 B

DATE: 03.10.2024

SL. NO	REGN. NO.	SESSION	ROLL NO.	SIGNATURE
35	080620	2023-2024	8122247-2379969	Md. Mehboob Hassan
36	080628		8122247-2379972	Md. Rokunuddin SK
37	080631			
38	080638		8122247-2379982	Mehedi Hossain.
39	080654			
40	080672		8122247-2379986	Qutb Mammad
41	080682		8122247-2379986	Pratish Biswas
42	080685			
43	080686		8122247-2379980	Subham Mondal
44	080703		8122247-2379947	Rajdy Mondal.
45	080713			
46	080732		8122247-23799876	Rocky Das.
47	080742		8122247-2379986	Sabbir Reza
48	080753		8122247-2379997	Sahid Hossain
49	080758		8122247-2379901	Sahinur Alam
50	080759		8122247-2379903	Said Amin
51	080773		8122247-2379917	Sanku Biswas
52	080781		8122247-2379925	Samir Das
53	080788		8122247-2379932	Sarfraz Ansari
54	080795		8122247-2379939	Sayan Deb
55	080796		8122247-2379940	Sayan Mondal

SL. NO	REGN. NO.	SESSION	ROLL NO.	SIGNATURE
56	080805		8122247-2379949	Sayan Sankar
57	080806		8122247-2379950	Shahjalal Raza
58	080809			
59	080826			
60	080828			
61	080829			
62	080841		8122247-2379983	Subham Mistry
63	080843		8122247-2379985	Subham Mallick
64	080855		8122247-2379987	Subham Mondal
65	080872		8122247-2379999	Sudip Mondal
66	080874			
67	080887			
68	080892		8122247-2380028	Susanta Mondal
69	080894		8122247-2380031	Toufik Rahman
70	080340		8122247-2380036	Tushar SK
71	080338	2023-2024		
72	080755	2023-2024	8122247-23799482	Shilpakhatun
73	080641	2023-2024	8122247-2379989	Sahil Ali
			8122247-2379985	Mijan Ali

GPS PICTURE





COMPLITION CERTIFICATE



SRIPAT SINGH COLLEGE
Department of Botany

Jiaganj, Murshidabad, West Bengal, PIN- 742123

☎: 03483 – 255351 (Office); 03483 – 256961. Tele Fax: 03483 - 256961

E-mail: sscollege2009@gmail.com. Website: www.sripatsinghcollege.org

Ref. No.:

Date: 11.09.2024

COMPLETION CERTIFICATE

This is to certify that **AISHI ADHIKARY**, student of 2nd semester Botany Major, Sripat Singh College, Jiaganj, Murshidabad, has successfully completed the project entitled "**A Field Report on Important Medicinal Plants**" for partial fulfilment of his curriculum. During this tenure he has shown keen interest in his assignments.

Suchitara Mukherjee
Head, Dept. of Botany
Sripat Singh College

HOD, Botany
Sripat Singh College



SRIPAT SINGH COLLEGE

Department of Botany

Jiaganj, Murshidabad, West Bengal, PIN- 742123

☎: 03483 – 255351 (Office); 03483 – 256961. Tele Fax: 03483 - 256961

E-mail: sscollege2009@gmail.com. Website: www.sripatsinghcollege.org

Ref. No.:

Date: 11.09.2024

COMPLETION CERTIFICATE

This is to certify that **MEHEDI HASSAN**, student of 2nd semester Botany Major, Sripat Singh College, Jiaganj, Murshidabad, has successfully completed the project entitled "**A Field Report on Important Medicinal Plants**" for partial fulfilment of his curriculum. During this tenure he has shown keen interest in his assignments.

Sachin Kumar
Head, Dept. of Botany
Sripat Singh College

HOD, Botany
Sripat Singh College

OUTCOME

As mentioned in the syllabus students were asked to make a field report on the medicinal plants normally found in the locality. Their report included photographs of the plant, a brief description of the plants and their medicinal uses. However, the task was also extended by assigning them to plant any important medicinal plant in the medicinal plant garden of the college. Thus, through this project they not only completed the curriculum but was also aware of the importance of the medicinal plants

of the locality. It also helped the students to develop various skills like Critical thinking, Problem solving and Curiosity which inculcates a lifelong interest in the world around them