

KRE Society's
Karnatak Arts, Science and Commerce College, Bidar
Department of Botany

Add-on course on Ethnobotany
2019-20

Course Co-ordinator

Dr. M S Patil
Associate Professor
Department of Botany

Date: 27/7/2019

To,
The Principal
Karnatak arts, science and commerce college
Bidar





Sub: Request to grant permission to start add-on course on Ethnobotany from the academic year 2019-20:

Respected Sir,

We would like to start the add-on course on "Ethnobotany" from the academic year 2019-20: with intake of 40 students. Please permit us to start the add-on course and do the needful.

Thanking You.

Permitted -

27/7/19


HOD
Head of the Dept. of Botany
Karnataka College, BIDAR



KRE Society's

Karnatak Arts, Science and Commerce College, Bidar

Department of Botany

Meeting Minutes for Institutional Board of Studies for Add-on Course on Ethnobotany held on 10 September, 2019

The institutional Board of Studies of the Dept of Botany for the add-on course on Ethnobotany held on 10 September, 2019 in IQAC Room at 10:30 am.

Sl No.	Name	Affiliation	Designation
1	Dr. M S Patil	Associate Professor & Head Department of Botany, KASCC, Bidar	Chairman
2	Sri. D G Joshi	Associate Professor Department of Botany, KASCC, Bidar	Member
3	Smt. Pooja Suryawanshi	Asst. Professor Department of Botany, KASCC, Bidar	Member
4	Dr. S B Mashetty	Associate Professor Department of Chemistry, KASCC, Bidar	Member

In the beginning of the meeting the Chairman of the BOS Dr. M S Patil welcomed all members and briefed them about the academic activities of the Department of Botany. The members expressed their highly appreciation and satisfaction about the activities of the department.

After that institutional BOS discussed and resolved the following items:

Item 1. Starting of the add-on course on Introduction to Ethnobotany.



The BOS discussed the item and resolved to start the add-on course on Ethnobotany.

Item 2. Approval of the Syllabus for add-on course.

The BOS discussed and approved the syllabus for the add-on course on Ethnobotany.

Item 3. Approval of admission criteria

The BOS discussed and approve the criteria for admission and resolved that any students enrolled in UG course can enrol in this course. In addition to this BOS also finalized the exam pattern.

Meeting of the BOS was concluded with the vote of thanks by Smt. Pooja Suryawanshi, Assistant Professor in Department of Botany.

The following members were present in the meeting:

Name of the Member of BOS

Signature

1. Dr. M S Patil

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2. Sri. D G Joshi

3. Smt. Pooja Suryawanshi

4. Dr. S B Mashetty

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Department of Botany



Add-on course on Ethnobotany

Preamble: An add-on course in ethnobotany examines the underlying connections between plants and indigenous and traditional civilizations in the Hyderabad region of Karnataka. The course covers the development of indigenous and traditional plant uses throughout history in relation to culture, as well as how contemporary scientific approaches to ethnobotanical research are revealing novel and fascinating uses for plant materials. The numerous types of plant use, the value of traditional knowledge to Indian culture, and the function of plant conservation and cultural sustainability will all be explained through case studies of the local plants and their application in disease healing, as appropriate.

Objectives:

- Describe how the science of ethnobotany is used to comprehend how plants and indigenous/traditional cultures in the Hyderabad, Karnataka area interact.
- List the main categories of plant use by indigenous/traditional peoples and identify how plant value depends on cultural context, both material and spiritual.
- Describe how botany and biochemistry are used to identify and understand the ethnobotanical value of a given plant species. Develop the skills and methods used to collect, classify, and preserve plant materials.
- Give examples of how traditional plant knowledge obtained from ethnobotanical studies has been utilized in the current day, along with the advantages and disadvantages of doing so.

Medium of Instruction: English

Course Structure and Examination Scheme:

Total contact hours: 30 Hours

Mode of Examination:

MCQ Exam: 50 Marks 25 Questions of 2 Marks.

Eligibility: Students enrolled in B Sc (CBZ)

No. of Seats: 40


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Add-on Course on Ethnobotany

Syllabus

Unit 1. Origin, botany, utilization, cultivation and uses of plants: food, forage and fodder crops; fibre crops; vegetable oil-yielding crops; timber-yielding plants; non-wood forest products (NWFPs) such as bamboos, rattans, raw materials for paper making, gums, tannins, dyes, resins and fruits

Unit 2. Indigenous and Traditional Knowledge:Plants used by ethnic groups as food, medicines (Ethno medicine), beverages, fodder, fibre, resins, oils, fragrances and other uses. NWFP (Non Wood Forest Produces), animal products, minerals, artefacts, and rituals, used by Tribal and Folk Communities of Kerala. Traditional/indigenous knowledge and its importance.

Unit 3. Ethnobotany and legal aspects: Ethnobotany as a tool to protect interests of ethnic groups. Sharing of wealth concept with few examples from India. Biopiracy, Intellectual Property Rights and Traditional Knowledge.

REFERENCES

- 1) S.K. Jain, Manual of Ethnobotany, Scientific Publishers, Jodhpur, 1995.
- 2) S.K. Jain (ed.) Glimpses of Indian. Ethnobotany, Oxford and I B H, New Delhi – 1981
- 3) Lone et al., Palaeoethnobotany 4) S.K. Jain (ed.) 1989. Methods and approaches in ethnobotany. Society of ethnobotanists, Lucknow, India.
- 5) S.K. Jain, 1990. Contributions of Indian ethnobotany. Scientific publishers, Jodhpur.
- 6) Colton C.M. 1997. Ethnobotany – Principles and applications. John Wiley and sons- Chichester

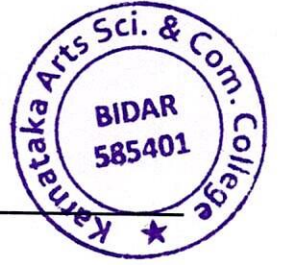

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Department of Botany



Date: 20/9/2019

NOTICE

All the students are hereby informed that, the Department of Botany is starting the add-on course on **Ethnobotany** from the **25/9/2019**; interested students can enrol their names on or before **30/9/2019** in the Department of Botany.



HOD

Head of the Dept of Botany
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Principal

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K.R.E. SOCIETY'S

KARNATAK ARTS SCIENCE AND COMMERCE COLLEGE BIDAR

(Affiliated to Gulbarga University Kalburgi)

College with Potential for Excellence



ADMISSION FORM

Certificate/Value added/Skill Development/Diploma/Advance Diploma Courses

&

IAS/IPS/NET/SET Coaching Classes

Name of the Department Botany Year 2019-20

Name of the Student B. Shrutti

Father name Ravindra

Date of Birth _____

Address for Correspondence H.No. 9-8-484 mailbox

cross Bidar



Semester/class : Bsc Vth semester

Register No. : 1862891

Percentage of previous semester: _____

Contact No. : 7795868816

E-Mail ID : shrutti.biradar4684@gmail.com

Course to be Joined: Ethnobotany

Signature of the Student

HOD/Coordinator
Head of the Dept. of Botany
Karnataka College, BIDAR

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Department of Botany



**Add-on Course on Ethnobotany
Enrolment List**

S.NO	NAME OF THE STUDENT	SIGNATURE
1	Shruti B	Shruti
2	Rohini M	Rohini M
3	Bhagyashree V	Bh
4	Rohit R	Rohit
5	Rasika Patil	Rpatil
6	Swetha Rajkumar	Swetha
7	Ashwini	Ashwini
8	Vasavi	Vasavi
9	Noorjahan	Noorjahan
10	Sujata	Sujata
11	Pooja V	Pooja
12	Rohini R	Rohini
13	Nandkumar	Nandkumar
14	Avinash	Avinash
15	Archana Ramesh	Archana
16	Archana Trivan S	Archana
17	Jyothi D	Jyothi
18	Sandeep	Sandeep
19	Manju	Manju
20	Praveen	Praveen

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**Add-on Course on Ethnobotany
Enrolment List**

21	Avinash	Avinash
22	Rashmi	Rashmi
23	Suhasini	Biradar
24	Nagveni	N. Patil.
25	Pallavi	Pallavi S.
26	Sushma	Sushma
27	Pooja Bheemanna	PBJ
28	Deepika	Deepika
29	Sarvesh	Sarvesh
30	Rajkumar	Rajkumar
31	Pallavi Basavaraj	Pallavi
32	Renuka	Renuka
33	Biradar Shruthi	Shruthi
34	Kalleshwar	Kalleshwar
35	Akshata	Akshata
36	Monica	Monica
37	Bhavani Arunkumar	Bhavani
38	Kaveri	Kaveri
39	Swamy Shilpa	Shilpa
40	Heeba	Heeba

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Date: 1/10/2019

NOTICE

All the students, who have enrolled their name for certificate course on "Ethnobotany" are hereby informed to attend the classes regularly from 05/10/2019, as per time table displayed on the notice board.

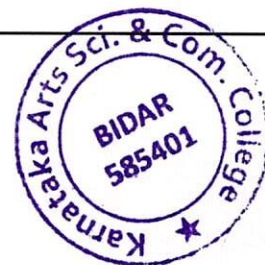

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Department of Botany



**Add-on Course on Ethnobotany
Time-Table
COURSE TIME TABLE**

Day	Time
Monday	8-9 am
Tuesday	8-9 am
Wednesday	8-9 am
Thursday	-
Friday	-
Saturday	-

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Add-on Course on Ethnobotany
Attendance

S.N	NAME OF THE STUDENT	7/10/19	8/10/19	9/10/19	14/10/19	15/10/19	16/10/19	21/10/19	22/10/19	23/10/19	28/10/19	29/10/19	30/10/19	4/11/19	5/11/19	6/11/19	11/11/19	12/11/19	13/11/19	18/11/19	19/11/19	20/11/19	25/11/19	26/11/19	27/11/19	2/12/19	3/12/19	4/12/19	9/12/19	10/12/19	11/12/19	
1	Shruti B	P	P	A	P	A	P	A	P	A	P	P	P	A	P	A	A	P	P	P	A	A	P	A	A	P	P	A	P	P	P	P
2	Rohini M	P	P	A	P	A	A	P	P	P	P	A	P	A	P	P	P	P	P	P	A	A	P	A	A	P	P	A	P	P	P	P
	Bhagyashree	P	P	P	P	A	P	A	P	P	P	A	P	P	P	P	P	P	P	P	A	A	P	A	A	P	P	A	P	P	P	P
4	Rohit R	A	P	P	A	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P	A	A	P	P	A	P	P	P
5	Rasika Patil	P	A	A	A	P	P	A	A	A	P	A	P	P	P	P	P	P	P	P	A	A	P	P	A	A	P	P	P	P	P	P
6	Swetha Rajkumar	P	P	A	P	P	A	A	P	P	A	P	P	P	P	P	P	P	P	P	A	A	A	P	P	P	P	P	P	P	P	P
7	Ashwini	P	A	P	P	A	P	P	P	A	A	P	P	A	P	P	P	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P
8	Vasavi	P	P	P	A	P	A	A	P	A	P	A	P	P	A	A	A	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
9	Noorjahan	A	A	A	A	P	P	A	P	A	P	A	P	P	A	P	P	P	P	P	A	A	P	P	P	A	A	P	P	P	P	P
10	Sujata	P	P	P	A	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P
11	Pooja V	P	A	P	A	A	P	P	P	P	P	A	P	P	A	P	P	P	P	P	A	A	A	P	P	A	P	P	P	P	P	P
12	Rohini R	P	A	P	A	P	A	P	P	A	P	P	P	P	P	P	P	P	P	P	A	A	P	P	A	P	P	P	P	P	P	P
13	Nandkumar	P	P	A	P	A	P	P	A	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P	P	A	P	P	P	P	P	P
14	Avinash	A	A	P	P	P	A	A	P	P	A	P	P	P	P	P	P	P	P	P	A	A	P	P	A	A	P	P	P	P	P	P
15	Archana Ramesh	P	A	P	A	A	P	A	P	P	A	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
16	Archana Trivan S	P	P	A	A	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P	P	P	P	P	P	P	P
17	Jyothi D	P	A	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P	P	P	P	P	P	P	P

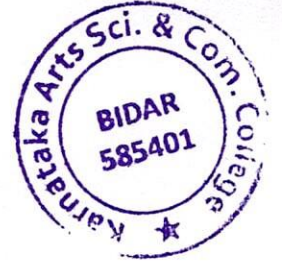
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**Add-on Course on Ethnobotany
Attendance**

36	Monica	A	A	P	A	A	P	A	P	A	P	A	P	A	P	A	P	P	P	A	A	P	P	P	P	P			
37	Bhavani Arunkumar	P	P	P	P	A	P	P	P	P	P	P	P	P	A	A	A	P	P	P	A	A	P	P	P	P	A		
38	Kaveri	P	P	P	P	A	P	A	P	A	P	A	P	P	P	A	P	P	P	A	P	A	A	P	P	P	A		
39	Swamy Shilpa	P	P	P	P	A	P	A	P	P	P	P	P	A	P	P	P	A	A	P	P	A	P	P	P	P	A	A	P
40	Heeba	A	A	A	P	P	A	P	A	P	P	A	P	A	P	P	A	A	P	P	P	P	A	A	A	P	P	P	


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Department of Botany

Date: 01/1/2020

NOTICE

All the students who have enrolled certificate course on ethnobotany is hereby informed that to attend, the course examination on 06/1/2020



HOD

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Principal

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Add-on Course on Ethnobotany

STUDENTS ATTENDANCE SIGNATURE FOR CERTIFICATE COURSE THEORY EXAM 2018-19

S.NO	NAME OF THE STUDENT	SIGNATURE
1	Shruti B	Shruti
2	Rohini M	Rohini M
3	Bhagyashree V	Bh
4	Rohit R	Rohit
5	Rasika Patil	Rasika Patil
6	Swetha Rajkumar	Swetha
7	Ashwini	Ashwini
8	Vasavi	Vasavi
9	Noorjahan	Noorjahan
10	Sujata	Sujata
11	Pooja V	Pooja
12	Rohini R	Rohini
13	Nandkumar	Nandkumar
14	Avinash	Avinash
15	Archana Ramesh	Archana
16	Archana Trivan S	Archana Trivan S
17	Jyothi D	Jyothi
18	Sandeep	Sandeep
19	Manju	Manju

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Department of Botany



Add-on Course on Introduction to Ethnobotany

STUDENTS ATTENDANCE SIGNATURE FOR CERTIFICATE COURSE THEORY EXAM 2018-19

20	Praveen	Praveen
21	Avinash	Avinash
22	Rashmi	Rashmi
23	Suhasini	Suhasini
24	Nagveni	Nagveni
25	Pallavi	Pallavi
26	Sushma	Sushma
27	Pooja Bheemanna	Pooja Bheemanna
28	Deepika	Deepika
29	Sarvesh	Sarvesh
30	Rajkumar	Rajkumar
31	Pallavi Basavaraj	Pallavi Basavaraj
32	Renuka	Renuka
33	Biradar Shruthi	Biradar Shruthi
34	Kalleshwar	Kalleshwar
35	Akshata	Akshata
36	Monica	Monica
37	Bhavani Arunkumar	Bhavani Arunkumar
38	Kaveri	Kaveri
39	Swamy Shilpa	Swamy Shilpa
40	Heeba	Heeba


Head of the Dept of Botany
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Department of Botany

Add on course on Ethnobotany



Subject: Botany

Duration: 60 minutes

Max. Marks: 50

Instructions to the candidate

1. The paper consist of 25 multiple choice questions with 4 answers. Before starting to answer the question, verify whether you got correct test paper and test paper contains 25 questions with answer.
2. Each question has four alternative answers A,B,C and D. The correct answer has to chosen only one and you have to tick(right) the answer.
3. The candidate shall use only blue or black pen
4. There is no negative marking for the incorrect answer
5. If the candidate wishes to leave the examination during middle of the examination, he will not be allowed to take the test paper with him.
6. A candidate is forbidden from carrying a mobile phone, calculator or any other electronic device into examination hall. In case accidentally a candidate has brought any of such things, he shall hand it over the room supervisor before the commencement of examination and collect it back after the completion of examination.
7. **In case candidate is found to process any such devices, he will book under the Malpractice case**

Candidate Signature

Sign of Invigilator

KRE Society's
Karnatak Arts, Science and Commerce College, Bidar
Department of Botany
Ethnobotany

Time: 60minutes

Max. Marks: 50

I. Tick the correct statement

1. The term ethnobotany was coined by.....?
 - a) Sir Alexander flaming
 - b) John W Harshberger
 - c) C J Alexocuplous
 - d) J W Webster

2. Father of Ethnobotany
 - a) Dr. Schultes
 - b) J.C Bose
 - c) Theophrastus
 - d) Adolphe-Théodore Brongniart

3. The word 'Ethno' in ethnobotany refers to
 - a) Region-locality-people
 - b) culture
 - c) Civilization
 - d) All of the above

4. Study of cultural awareness of biological resources is called
 - a) Ethnobotany
 - b) Botany
 - c) Medico botany
 - d) Medicoethano botany

5. Ethnobotany deals with...
 - a) Plants and animals
 - b) Plants and people
 - c) Plants and herbs
 - d) herbs and shrubs

6. The data utilized by Economic botanist for discovery of new plant source is called
 - a) Medical data
 - b) Ethnobotanical data

- c) Taxonomic data
 - d) All of the above
7. TBK Stands for
- a) Traditional Botanical Knowledge
 - b) Traditional Biological Knowledge
 - c) Traditional Basic Knowledge
 - d) None of the above
8. Ethnobotanical data helps us in preserving plants in
- a) Botanical garden
 - b) Herbarium
 - c) Arboratum
 - d) None of the above
9. The oils obtained from plants do not evaporate or become volatile, and are such called?
- a) Fixed oils
 - b) Delicate oils
 - c) Costly oils
 - d) None of the above
10. Which wood is quality wise is considered the best for paper making?
- a) Wood with long fibre or Xylem tissue
 - b) Wood with short fibre or xylem tissue
 - c) soft wood
 - d) Hard wood
11. Plants that yield fibres occupy place of importance to food plants?
- a) 1st
 - b) 2ND
 - c) 3RD
 - d) 4TH
12. Which of the following plants are worshiped in India and elsewhere?
- a) Peepal
 - b) Tulsi
 - c) Odon dactylon
 - d) all of the above
13. Cotton, wool, silk are examples of.....
- a) Plant fibres
 - b) Animal fibres
 - c) Natural fibres

d) Synthetic fibre

14. Which of the following part of cinchona tree is used to treat malaria?

- a) Root
- b) Bark
- c) Leaves
- d) Seed

15. The part of the plant that can be used for the toothache?

- a) fennel
- b) clove
- c) fenugreek
- d) poppy seed

16. Common name withania somnifera

- a) Ashwagandha
- b) sougandha
- c) berry plant
- d) sarpagandha

17. Secondary metabolites present in vinka rosea?

- a) Alkaloids
- b) Vinblastin and vincristine
- c) Flavanoids
- d) Terpenoids

18. Expand NWFP.....

- a) National wood forest product.
- b) National welfare forest policy
- c) Non wood forest product
- d) Non wood forest policy

19. Products consist of goods of biological origin other than wood, derived from forests are called....

- a) Wood product
- b) Forest product
- c) Medicinal product
- d) Non-wood forest product

20. a community or population made up of people who share a common cultural background or descent are called

- a) Ethnobotany

- b) Ethnomedicine
- c) Ethnic groups
- d) Ethnology

21. Which NWFP is used as artefacts in kerala

- a) Coir products
- b) Timber products
- c) Resins
- d) Gums

22. The triable communities have been employing several plant and animal products for the preparation of medicines are called

- a) Plant medicines
- b) pharmacognocny
- c) ethnomedicie
- d) None of the above

23. Biopiracy is

- a) Use of Biopatents
- b) Theft of Plants and animals
- c) Stealing of bioresources
- d) Exploitation of bioresources without authentic permission.

24. Biopiracy is related to

- a) Traditional knowledge
- b) Biomolecules and Bioresources
- c) Isolated genes from bioresource
- d) All of the above

25. Expand IPR

- a) Internal property rights
- b) International property rights
- c) Integrated property rights
- d) Intellectual property rights


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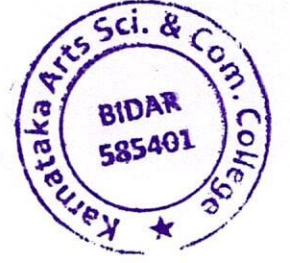
Add-on Course on Ethnobotany
Marks List

SL.No	NAME OF THE STUDENT	Marks Scored
1	Shruti B	44
2	Rohini M	46
3	Bhagyashree V	38
4	Rohit R	40
5	Rasika Patil	44
6	Swetha Rajkumar	46
7	Ashwini	44
8	Vasavi	42
9	Noorjahan	34
10	Sujata	32
11	Pooja V	40
12	Rohini R	44
13	Nandkumar	46
14	Avinash	38
15	Archana Ramesh	44
16	Archana Trivan S	42
17	Jyothi D	46
18	Sandeep	42
19	Manju	38


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Add-on Course on Ethnobotany
Marks List

20	Praveen	44
21	Avinash	46
22	Rashmi	38
23	Suhasini	36
24	Nagveni	34
25	Pallavi	42
26	Sushma	44
27	Pooja Bheemanna	44
28	Deepika	46
29	Sarvesh	38
30	Rajkumar	46
31	Pallavi Basavaraj	38
32	Renuka	40
33	Biradar Shruthi	42
34	Kalleshwar	46
35	Akshata	44
36	Monica	46
37	Bhavani Arunkumar	42
38	Kaveri	46
39	Swamy Shilpa	38
40	Heeba	32


Head of the Dept of Botany
Karnataka College, BIDAR


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Department of Botany



Report and Outcomes

Name of the Course: Ethnobotany

Name of the Department: Botany

Number of Student Enrolled: 40

BOS Meeting Date: 10 September 2019

Start Date of the Course: 5/10/2019

End Date of the Course: 6/1/2020

The Department of Botany have conducted add-on course on Ethnobotany for the students of B.Sc v Sem from 5/10/2019 to 6/1/2020.

The course was about the core concept of Ethnobotany plant preservation and traditional knowledge of use of plants in day to day life.

The total 40 students were enrolled in this course and they got fundamental knowledge about Ethnobotany, Plant species and their relations with local people and their lives. Students also applied these theories and concepts during the assignments.

Concourse concluded with final examination and certificate distributions.

Outcome of the Course

- Students Learned to describe how the science of ethnobotany is used to comprehend and how plants and indigenous/traditional cultures in the Hyderabad-Karnataka area interact.
- Students Learned about main categories of plant use by indigenous/traditional peoples and identify how plant value depends on cultural context, both material and spiritual.
- Students Learned to describe how botany and biochemistry are used to identify and understand the ethnobotanical value of a given plant species. Develop the skills and methods used to collect, classify, and preserve plant materials.
- Students learned about how traditional plant knowledge obtained from ethnobotanical studies can be utilized in the current day, along with the advantages and disadvantages of doing so.


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2019-20

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Add on course on Ethnobotany

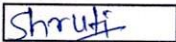
Subject: Botany

Duration: 60 minutes

Max. Marks: 50

Instructions to the candidate

1. The paper consist of 25 multiple choice questions with 4 answers. Before starting to answer the question, verify whether you got correct test paper and test paper contains 25 questions with answer.
2. Each question has four alternative answers A,B,C and D. The correct answer has to chosen only one and you have to tick(right) the answer.
3. The candidate shall use only blue or black pen
4. There is no negative marking for the incorrect answer
5. If the candidate wishes to leave the examination during middle of the examination, he will not be allowed to take the test paper with him.
6. A candidate is forbidden from carrying a mobile phone, calculator or any other electronic device into examination hall. In case accidentally a candidate has brought any of such things, he shall hand it over the room supervisor before the commencement of examination and collect it back after the completion of examination.
7. **In case candidate is found to process any such devices, he will book under the Malpractice case**



Candidate Signature



Sign of Invigilator

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Karnatak Arts, Science and Commerce College, Bidar
Department of Botany
Ethnobotany

Time: 60minutes

Max. Marks: 50

Name - Shruti B

I. Tick the correct statement

1. The term ethnobotany was coined by.....?
a) Sir Alexander flaming
 b) John W Harshberger
c) C J Alexocplous
d) J W Webster
2. Father of Ethnobotany
a) Dr. Schultes
b) J.C Bose
c) Theophrastus
 d) Adolphe-Théodore Brongniart
3. The word 'Ethno' in ethnobotany refers to
a) Region-locality-people
 b) culture
c) Civilization
d) All of the above
4. Study of cultural awareness of biological resources is called
 a) Ethnobotany
b) Botany
c) Medico botany
d) Medicoethano botany
5. Ethnobotany deals with.
 a) Plants and animals
b) Plants and people
c) Plants and herbs
d) herbs and shrubs
6. The data utilized by Economic botanist for discovery of new plant source is called

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- a) Medical data
 - b) Ethnobotanical data
 - c) Taxonomic data
 - d) All of the above
7. TBK Stands for
- a) Traditional Botanical Knowledge
 - b) Traditional Biological Knowledge
 - c) Traditional Basic Knowledge
 - d) None of the above
8. Ethnobotanical data helps us in preserving plants in
- a) Botanical garden
 - b) Herbarium
 - c) Arboratum
 - d) None of the above
9. The oils obtained from plants do not evaporate or become volatile, and are such called?
- a) Fixed oils
 - b) Delicate oils
 - c) Costly oils
 - d) None of the above
10. Which wood is quality wise is considered the best for paper making?
- a) Wood with long fibre or Xylem tissue
 - b) Wood with short fibre or xylem tissue
 - c) soft wood
 - d) Hard wood
11. Plants that yield fibres occupy place of importance to food plants?
- a) 1st
 - b) 2ND
 - c) 3RD
 - d) 4TH
12. Which of the following plants are worshiped in India and elsewhere?
- a) Peepal
 - b) Tulsi
 - c) Odon dactylon
 - d) all of the above
13. Cotton, wool, silk are examples of.....
- a) Plant fibres

- b) Animal fibres
- c) Natural fibres
- d) Synthetic fibre

14. Which of the following part of cinchona tree is used to treat malaria?

- a) Root
- b) Bark
- c) Leaves
- d) Seed

15. The part of the plant that can be used for the toothache?

- a) fennel
- b) clove
- c) fenugreek
- d) poppy seed

16. Common name withania somnifera?

- a) Ashwagandha
- b) sougandha
- c) berry plant
- d) sarpagandha

17. Secondary metabolites present in vinka rosea?

- a) Alkaloids
- b) Vinblastin and vincristine
- c) Flavanoides
- d) Terpenoides

18. Expand NWFP.....

- a) National wood forest product.
- b) National welfare forest policy
- c) Non wood forest product
- d) Non wood forest policy

19. Products consist of goods of biological origin other than wood, derived from forests are called....

- a) Wood product
- b) Forest product
- c) Medicinal product
- d) Non-wood forest product

20. a community or population made up of people who share a common cultural background or descent are called ✓
- a) Ethnobotany
 - b) Ethnomedicine
 - ✓ c) Ethnic groups
 - d) Ethnology
21. Which NWFP is used as artefacts in kerala ✓
- ✓ a) Coir products
 - b) Timber products
 - c) Resins
 - d) Gums
22. The triable communities have been employing several plant and animal products for the preparation of medicines are called ✓
- a) Plant medicines
 - b) pharmacognocny
 - ✓ c) ethnomedicie
 - d) None of the above
23. Biopiracy is ✓
- a) Use of Biopatents
 - b) Theft of Plants and animals
 - c) Stealing of bioresources
 - ✓ d) Exploitation of bioresources without authentic permission.
24. Biopiracy is related to ✓
- a) Traditional knowledge
 - b) Biomolecules and Bioresources
 - c) Isolated genes from bioresource
 - ✓ d) All of the above
25. Expand IPR ✓
- a) Internal property rights
 - b) International property rights
 - c) Integrated property rights
 - ✓ d) Intellectual property rights




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Department of Botany

CERTIFICATE

This is to certify that **SHRUTI B B.Sc V semester** has successfully completed certificate course on "Ethnobotany" during the year 2019 - 2020 offered by Department of Botany.


Head Dept. of Botany
Head of the Dept. of Botany
Karnataka College, BIDAR



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