

Anjuman-e-Islam's

**Nehru Arts, Science and Commerce Degree College
Hubballi.**

Department of Botany

Criteria-I

(2020-2021)

Documents

1. Department Meeting Register

2. Time table

3. Calender of Event

4. Unitisation

5. Seminar

6. Test Marks

7. Remedial Class

8. Assignments

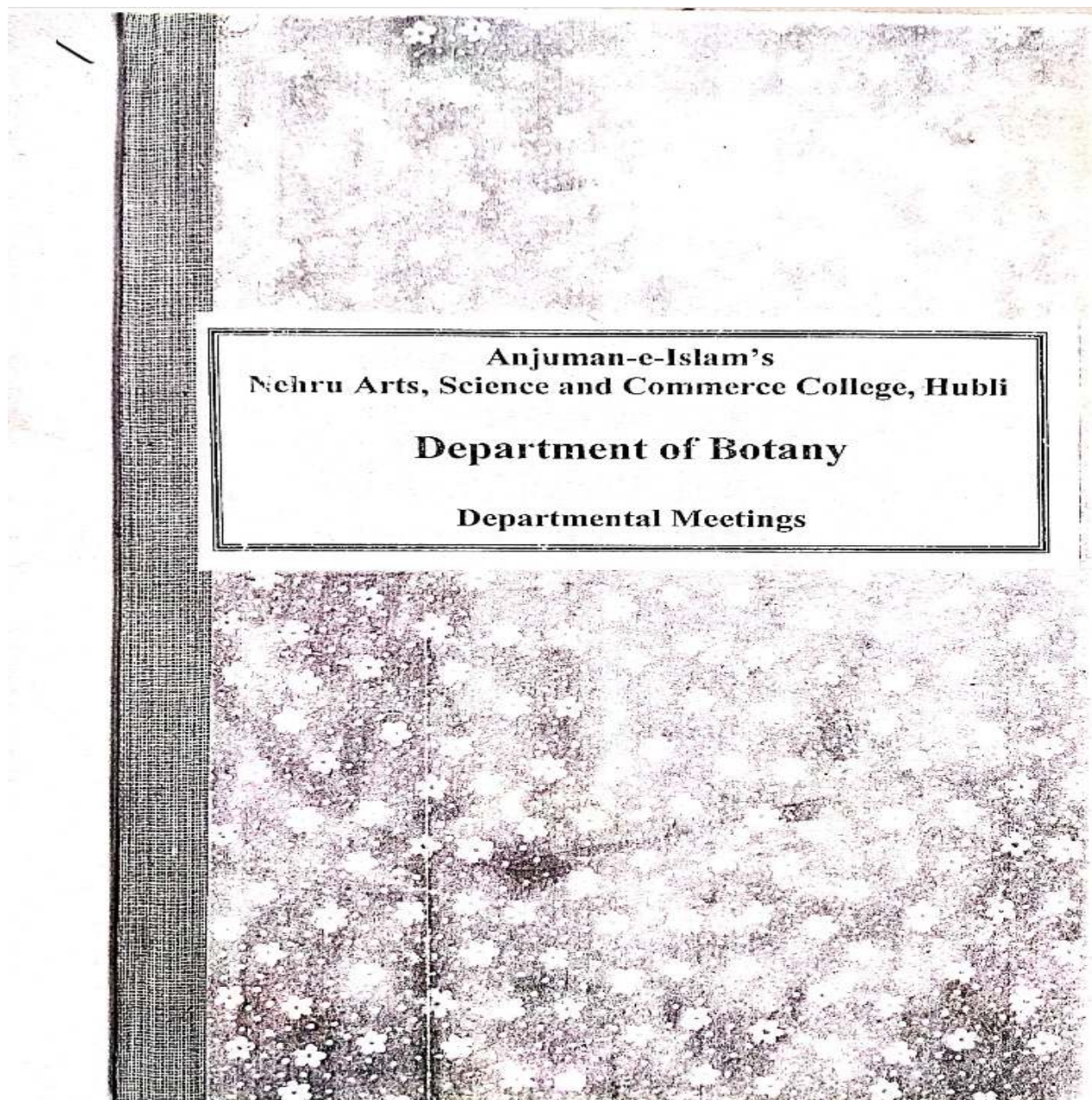
9. Department Meeting Register

10. MoU

11. Teacher Exchange

12. Question Bank

Department meeting register for the Year 2020-2021



2019

NOTICE

Fri - 7th Feb, 2020

A meeting is convened on Saturday, 8th Feb - 2020 at 12:30 pm. in the department to discuss the following Agenda.

Agenda

1. Completion of Syllabus for 3rd unit test.
2. Time table for 1st unit test for II, IV & V - sem.
3. Any other matter.


1. Syed Feroze Ahmed
2. Subeen
3. Anila.



Syed Feroze Ahmed

Following points were discussed in the meeting.

1. Syllabus completion for 1st unit test.
2. Time Table for 1st unit test.
3. Mock test of practical exam for 1st sem.

from


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15th Sept. 2020

A meeting is convened on 16 Sept. 2020 (Wednesday) at 12:00 noon in the Department to discuss the following Agenda.

Agenda.

1. To complete the syllabus by engaging the class online through zoom app, what app, telegram, and supplying the notice by sending the pdf.
2. Recording the videos and uploading in same through college IT co-ordinator.
3. Completion of practical syllabus for 6th sem

→ Syed Faraz

→ Sabreen

Resolutions.

1. unanimously decided to record the classes on mobile and sending link of videos to the students of BSc 6th sem on what's app, telegram. pdf link will be shared to the students as notes.

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22nd Jan - 2021

A meeting is convened on Saturday 23rd January 2021 at 11:30 am in the Department of History to discuss the following matters:

Agenda:

1. Distribution of workload and syllabus for all 1st sem. students.
2. NAAC activities - Topics for student projects.
3. To Organise the programme under IQAC such as International, National webinars and Conferences.
4. Organise certificate course under employable programme to the students.
5. To discuss about Lecture Series Organised by HSK College under MoU.


1. Syed Feroze Ahamed
2. Sabeeh Mahesh
3. Anisa Bijapur


16/01/21

1st sem
all

Following points were discussed in the meeting.

1. Syllabus was distributed.
2. Completion of the remaining syllabus of all Semesters was discussed.
3. NAAC related work was discussed.


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2nd June-2021

A meeting is convened on Thursday, 2nd June 2021, at 12:00 pm in the Department of Biology to discuss the following matters:

Agenda:

1. Syllabus completed and remaining
2. Online classes
3. To Organise PTA meeting with other concerned departments.
4. Assignments to be given
5. NAA related work.


1. Syed Feroz Ahamed
2. Sabreen Mahirosh
3. Anisa Bijapur

Following points were discussed in the meeting.

1. Completion of the remaining syllabus through online classes.
2. Topics related to assignment was discussed.
3. To Organise PTA meeting with other concerned department.
4. NAA related work was discussed.


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11-NOV-2021

A meeting is convened on Friday, 12th November 2021, at 11:15 am in the Department of Botany to discuss the following matters:

Agenda:

1. To distribute the syllabus
2. To distribute the class as per the timetable.
3. To Discuss on NEP, specially of OEC, and SEC subjects.
4. Any other matter.

1. Syed Faiz Ahmed

2. Anisa Bijapur

Following points were discussed in the meeting:

1. Syllabus of I Semester - NEP, SEC and OEC was discussed.
2. Syllabus of I, III and V Semester was distributed.
3. Assignment topics were discussed.
4. NAAC related work were discussed.



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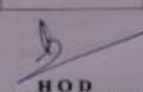
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Time Table


Anjuman-e-Islam's
NEHRU ARTS, SCIENCE AND COMMERCE COLLEGE HUBLI.
DEPARTMENT OF BOTANY
TIME TABLE FOR THE YEAR 2020-21
Individual Time Table- Prof.Syed Feroze Ahmed

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
REMEDIAL CLASS						
8.00 to 9.00 am	--	--	--	--	--	--
9.00 to 10.00 am	--	--	--	--	--	--
10.00 to 11.00 am	III/IV SEM	--	--	I/II SEM	--	--
11.15 am to 12.15 pm	--	III/IV SEM	--	--	--	--
12.15 to 1.15 pm	--	V/VI SEM	--	V/VI SEM	--	I/II SEM
1.15 to 2.15 pm	--	--	--	--	--	--
DEGREE PRACTICALS						
2.30 to 6.30 pm	--	--	--	--	--	--

STAFF



H O D
Head of the Department
Dept. of Botany
Nehru Arts Science & Comm. College
HUBLI-560 029.

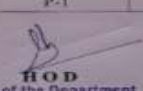


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Anjuman-e-Islam's
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DEPARTMENT OF BOTANY
TIME TABLE FOR THE YEAR 2020-21
Individual Time Table- Ms. Sabeen B

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
REMEDIAL CLASS						
8.00 to 9.00 am	V/VI SEM	--	III/IV SEM	--	--	--
9.00 to 10.00 am	--	--	--	--	--	--
10.00 to 11.00 am	V/VI SEM	I/II SEM	--	--	--	--
11.15 am to 12.15 pm	I/II SEM	--	III/IV SEM	III/IV SEM	--	--
12.15 to 1.15 pm	--	--	--	--	--	--
1.15 to 2.15 pm	--	--	--	--	--	--
DEGREE PRACTICALS						
2.30 to 6.30 pm	III/IV SEM	I/II SEM	V/VI SEM P-1	V/VI SEM P-2	I/II SEM	--

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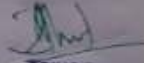
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DEPARTMENT OF BOTANY
TIME TABLE FOR THE YEAR 2020-21
Individual Time Table- Ms. Anisa

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
REMEDIAL CLASS						
8.00 to 9.00 am	--	V/VI SEM	--	I/II SEM	--	--
9.00 to 10.00 am	--	--	--	--	--	--
10.00 to 11.00 am	--	--	V/VI SEM	--	V/VI SEM	--
11.15 am to 12.15 pm	--	--	I/II SEM	--	--	III/IV SEM
12.15 to 1.15 pm	--	--	--	--	--	V/VI SEM
1.15 to 2.15 pm	--	--	--	--	--	--
DEGREE PRACTICALS						
2.30 to 6.30 pm	III/IV SEM	I/II SEM	--	--	I/II SEM	III/IV SEM

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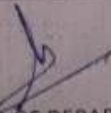

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Calender of events

Anjuman-e-Islam's
NEHRU ARTS, SCIENCE COMM, DEGREE COLLEGE & P.G. CENTRE GHANTIKERI,
HUBLI-580 020
CALENDAR OF EVENTS ACADEMIC YEAR 2020-21
ODD SEM DEPT. OF BOTANY Duration 03-09-2020 to 31-1-2021

Week	Month	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Holidays	Activities
1	SEPTEMBER 2020			1	2	3	4	5		
2		6	7	8	9	10	11	12		3 rd College Re-opening
3		13	14	15	16	17	18	19		16 th Dept. meeting
4		20	21	22	23	24	25	26		
5		27	28	29	30					
1	OCTOBER 2020					1	2	3		
2		4	5	6	7	8	9	10	26 th Durgashtami.	
3		11	12	13	14	15	16	17	28 th M.L.C Election.	2 nd Gandhi jayanti
4		18	19	20	21	22	23	24	30 th Eid-milad.	
5		25	26	27	28	29	30	31	31 st Valmiki jayanti	
1	NOVEMBER 2020	1	2	3	4	5	6	7		
2		8	9	10	11	12	13	14	17 th Covid test	
3		15	16	17	18	19	20	21	4-11 Gov. declared	
4		22	23	24	25	26	27	28	Declared Holidays	
5		29	30						Covid 2 nd waves - 14 th -16 th Diwali	
1	DECEMBER 2020			1	2	3	4	5		
2		6	7	8	9	10	11	12	3 rd Kanakadas	
3		13	14	15	16	17	18	19	jayanti.	1 st unit test
4		20	21	22	23	24	25	26	5 th Karnatak bandh	December last
5		27	28	29	30	31			25 th Christmas	week
1	JANUARY 2021						1	2		
2		3	4	5	6	7	8	9		22 nd Dept. meeting
3		10	11	12	13	14	15	16	14 th Makara	2 nd unit test on 3 rd
4		17	18	19	20	21	22	23	Sankranti	week
5		24	25	26	27	28	29	30		26 th Republic day
6		31								

Week	Month	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Holidays	Activities
1	FEBRUARY 2021		1	2	3	4	5	6		
2		7	8	9	10	11	12	13		
3		14	15	16	17	18	19	20		
4		21	22	23	24	25	26	27		
5		28								
1	MARCH 2021		1	2	3	4	5	6		
2		7	8	9	10	11	12	13		1 st Last working day
3		14	15	16	17	18	19	20		
4		21	22	23	24	25	26	27		
5		28	29	30	31					


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CALENDAR OF EVENTS ACADEMIC YEAR 2020-21

EVEN SEM

DEPT. OF BOTANY

Duration 17-05-2021 to 07-08-2021

Week	Month	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Holidays	Activities
4	May 2021		17	18	19	20	21	22		17 th College Re-opening
5		23	24	25	26	27	28	29		
6		30	31							
1	June 2021			1	2	3	4	5		5 th National webinar. 3- Dept. meeting. 7 th 12 th lecturer series. 8 th National level Webinar. 9 th PFA meeting 22 nd Terrarium Training Programme 28 th Vaccination drive.
2		6	7	8	9	10	11	12		
3		13	14	15	16	17	18	19		
4		20	21	22	23	24	25	26		
5		27	28	29	30					
1	July 2021					1	2	3		2 nd Valedictory function. 11 th International webinar 21 st - Bakrid 24 & 26 Unit test 1 (online) 27 to 30 Unit test 2 (offline)
2		4	5	6	7	8	9	10		
3		11	12	13	14	15	16	17		
4		18	19	20	21	22	23	24		
5		25	26	27	28	29	30	31		
1	August 2021	1	2	3	4	5	6	7		1 st week of August Practical Examination 7 th last working day
2		8	9	10	11	12	13	14		
3		15	16	17	18	19	20	21		
4		22	23	24	25	26	27	28		
5		29	30	31						

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Unitisation

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Nehru Arts, Science and Commerce College, Hubli.

Department of BOTANY.

Unitization Of Odd Sem 2020-2021.

Month	Staff	I Sem	Hrs	III Sem	Hrs	V Sem P-I	Hrs	V Sem P-II	Hrs	Total
September	SFA	I	4	I	4	IV	5	I	3	16
	SM	III	4	III	5	I	4	III	4	17
	AB	II	4	II	5	II	2	II	3	14
		Total	12	Total	14	Total	11	Total	10	47
October	SFA	I	4	I	4	IV	5	I	3	16
	SM	III	4	III	5	I	4	III	4	17
	AB	II	4	II	5	II	2	II	3	14
		Total	12	Total	14	Total	11	Total	10	47
November	SFA	I	2	I	5	IV	5	I	2	14
	SM	III	4	IV	4	I	2	VI	2	12
	AB	II	4	II	5	III	1	V	2	12
		Total	10	Total	14	Total	08	Total	06	38
December	SFA	IV	2	V	2	IV	5	IV	2	11
	SM	V	4	IV	4	I	1	VI	2	11
	AB	VI	4	VI	3	III	1	V	2	10
		Total	10	Total	09	Total	07	Total	06	32
January	SFA	VII	3	V	3	IV	2	IV	2	10
	SM	V	4	VII	5	I	2	VI	2	13
	AB	VI	2	VI	3	III	1	V	2	08
		Total	09	Total	11	Total	05	Total	06	31
February	SFA	VII	3	VII	3	V	2	IV	2	10
	SM	V	2	VII	2	I	1	VII	3	08
	AB	VI	2	VI	1	III	1	VII	3	07
		Total	07	Total	06	Total	04	Total	08	25
Total no. of Hrs.		I Sem	60	III Sem	68	V Sem P-I	46	V Sem P-II	46	220
			Hrs		Hrs		Hrs		Hrs	Hrs

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Anjuman-e-Islam's

Nehru Arts, Science and Commerce College,Hubli.

Department of Botany.

Syllabus Distribution For All Odd Sem 2020-2021.

STAFF	SEM	UNIT	UNIT WISE HOURS	TOTAL		
SFA	I	I,IV,VII	10+2+6	18	84	
	III	I,V,VII	13+5+10	28		
	V	P-I	IV,V	22+2		24
		P-II	I,IV,	8+6		14
SM	I	II,V,	12+10	22	68	
	III	III,IV,	10+8	18		
	V	P-I	I	14		14
		P-II	III,VI,	8+6		14
AB	I	III,VI	12+8	20	68	
	III	II,VI	15+7	22		
	V	P-I	II,III	4+4		08
		P-II	II,V,VII	6+6+6		18

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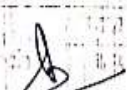
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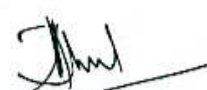
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Department of Botany.

Unitization Of Even Sem 2020-2021

Month	Staff	II Sem	Hrs	IV Sem	Hrs	VISem P-I	Hrs	VISem P-II	Hrs	Total
January	SFA	Unit-II	10	Unit-II	10	Unit-II	5	Unit-III	6	31
	AB	Unit-I,IX	04	Unit-I	7	Unit-I	5	Unit-I	5	21
	SM	Unit-III,VI	08	Unit-V	9	Unit-IV	4	Unit-V	2	23
		TOTAL	22	TOTAL	26	TOTAL	14	TOTAL	13	75
February	SFA	Unit-IV	08	Unit-II	10	Unit-II	5	Unit-III	6	29
	AB	Unit-VIII	06	Unit-I	8	Unit-I	5	Unit-II	6	25
	SM	Unit-X	06	Unit-VI	5	Unit-IV	4	Unit-V	2	17
		TOTAL	20	TOTAL	23	TOTAL	14	TOTAL	14	71
March	SFA	Unit-XI	06	Unit-IV	9	Unit-III	8	Unit-IV	10	33
	AB	Unit-V,XII	06	Unit-III	5	Unit-V	6	Unit-II	7	24
April	SM	Unit-VII,XII	06	Unit-VI	5	Unit-IV	4	Unit-V	2	17
		TOTAL	18	TOTAL	19	TOTAL	18	TOTAL	19	74
April	SFA	Revision/ Group discussion/ Seminar/ Solving previous question papers								
	AB									
	SM									
Total no. of Hrs.		II Sem	60 Hrs	IV Sem	68 Hrs	VISem P-I	46 Hrs	VISem P-II	46 Hrs	220 Hrs


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Anjuman-e-islam's

Nehru Arts, Science and Commerce College, Hubli.

Department of Botany.

Syllabus Distribution For All Even Sem 2020-2021.

STAFF	SEM	UNIT	UNIT WISE HOURS	TOTAL
SFA	II	II, VI, XI	10+08+6	24
	IV	II, IV	20+9	29
	VI	P-I: II, III	10+8	18
		P-II: III, IV	12+10	22
AB	II	I, V, VIII, IX, XII	2+2+6+3+3	16
	IV	I, III	15+5	20
	VI	P-I: I, V	10+6	16
		P-II: I, II	5+13	18
SM	II	III, VI, VII, X, XII	4+4+6+3+3	20
	IV	V, VI	9+10	19
	VI	P-I: IV	12	12
		P-II: V	6	6



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Seminar and G.D

Anjuman-e-islam's

NEHRU ARTS, SCIENCE & COMMERCE COLLEGE GHANTIKERI HUBLI

(Re-accredited with 'A' Grade by NAAC Consecutively in 3 Cycles)

Department of Botany

List of the students who have presented the Seminars

Sl.No	Name of the Student	Name of the Topic	Semester
1.	Neha Soudagar	General characteristics of Pteridophyte	I/II
2.	Faziya banu Gadagkar	General characteristics of Bryophytes	I/II
3.	Karunya Naidu	Permanent Tissue	III/IV
4.	Muskan Mulla	Types of Ovules	III/IV
5.	Rija fatima	Population Ecology	V/VI
6.	Rithika	Ecosystem	V/VI


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Test Marks List

Anjuman-e-Islam's
NEHRU ARTS, SCIENCE & COMMERCE DEGREE COLLEGE, HUBLI.
 Ist Test Held on 20/11/2021 Class B.Sc Ist Sem Subject Botany

STATEMENT OF MARKS

Hall No.	Total Marks out of	Hall No.	Total Marks out of	Hall No.	Total Marks out of	Hall No.	Total Marks out of
01	15	77	16				
02	17	79	16				
05	15	80	13				
09	15	82	13				
11	20	83	14				
14	20	84	18				
15	20	85	19				
16	17	86	13				
20	15	87	19				
23	Ab	89	Ab				
27	20	90	16				
31	16						
32	18						
34	15						
35	14						
36	19						
43	20						
44	15						
46	16						
52	18						
53	18						
54	16						
56	Ab						
61	18						
63	16						
64	19						
67	18						
68	20						
69	20						
70	17						
71	19						
72	19						
75	14						
76	13						


 Name & Sign. of H.O.D.
 Signature & Date


 Name & Sign. of Examiner

Remedial Class

Anjuman-e-Islam's
NEHRU ARTS, SCIENCE & COMMERCE COLLEGE. HUBLI
DEPARTMENT OF BOTANY

Remedial Classes for Slow Learner /Average Learners

2020-21

S.No	Name of the Students	Semester
1.	AsmatVaddo	I/II
2.	TayyabaHavargi	I/II
3.	AbrahChithewale	I/II
4.	KarishmaKamble	I/II
5	MeenazKusugal	I/II
6.	SadiqTalikota	III/IV
7.	UmmeJaveriyaBilepasar	III/IV
8.	UmmeRumanBilepasar	III/IV
9	TabassumShabdi	III/IV
10	Sameer Talikota	III/IV
11	Irfan Mullanavar	V/VI
12.	Md .ZiauddinMulla	V/VI
13.	ShafiullaNadaf	V/VI
14.	Vijay Kumar Policepatil	V/VI



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Assignment

Nehru Arts, Science & Commerce
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Botany Assignments - II

Name : Rishika . B. Diwale
Class : B.Sc VI Sem
Roll no : 41
Subject : Botany P II
Topic : Hybridization Et
Techniques.

Head of the Department
Dept. of Botany
Nehru Arts, Science & Commerce
Hubli-596 036.

Principal
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10
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Hybridization

"It is the crossing of two plants differing from each other in one or more characters to get offspring with new/ desired characters."

In hybridization: It is possible to produce new characters, present in different varieties in a single variety. The hybrid formed is fertile & can either be selfed or cross or make character. It is known as **hybrid vigor or heterosis**.

The term heterosis is coined by **Shull (1909)**.

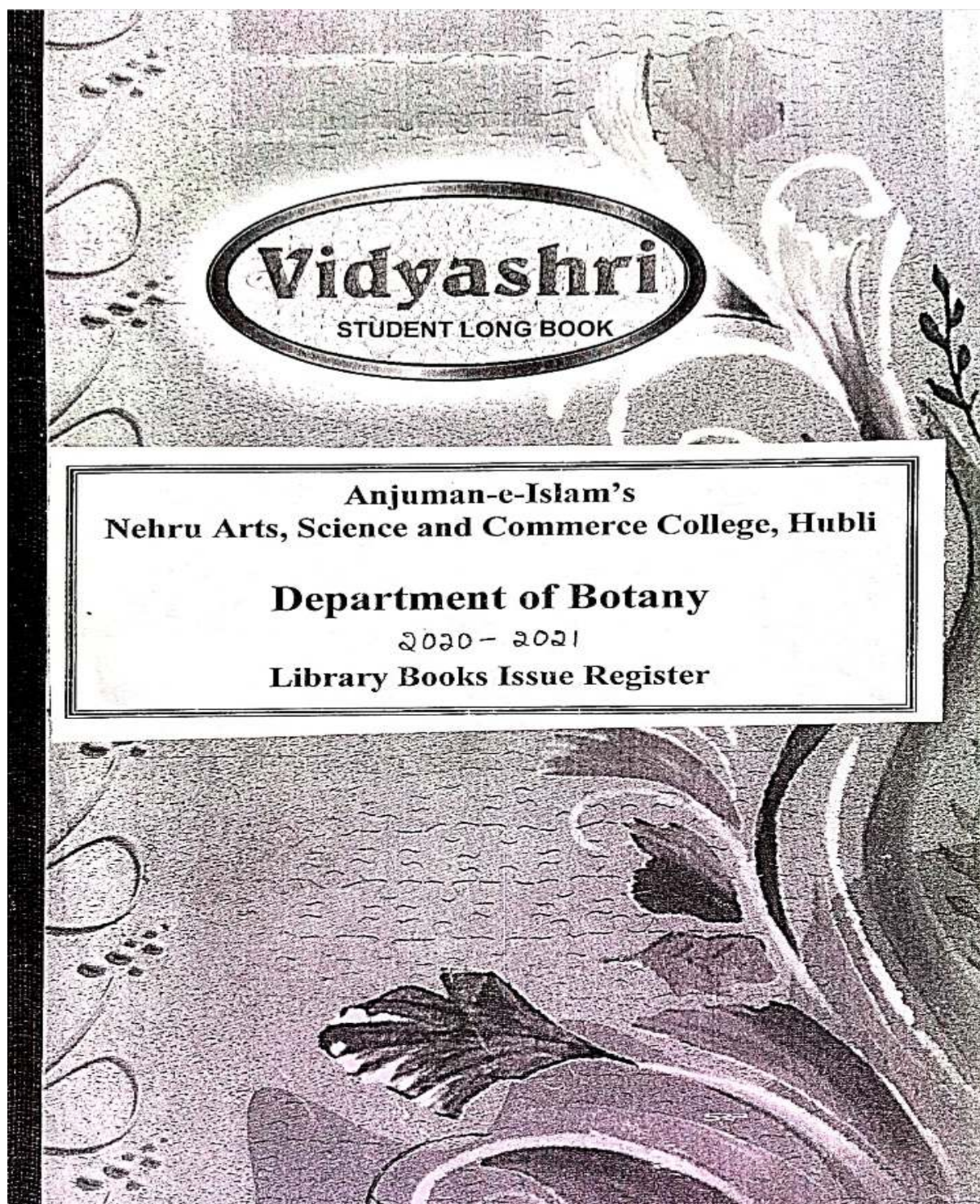
Based on the taxonomic relationship of parental plants of the same taxonomic level or cross hybridization. It is usually 2 types these are given below.

- Intra-varietal hybridization
- Inter-varietal hybridization
- Intra-specific hybridization
- Inter-specific hybridization

■ Intra-varietal hybridization

It is a cross between two plants of the same variety but with different genotypes. This method is helpful for the improvement of leafy potted crops.

Departmental Library Register



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Priya Daddaman; B.Sc Ist Sem R.no-64
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Rithika. Davate B.Sc II R.no-5
Bryophyta. B.R. Vashista.

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Sunprasad. K. B.Sc IIIrd Sem R.no-11
Plant anatomy B.P. Pandey

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plant tissue culture. Bhigwan

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Rishma Bantapur B.Sc VIth Sem R.no-33
systematic Botany Datta.S.C

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Javeriya. Shaik B.Sc VI R.no-
A text book of Biology Volr.

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Shifa. Attar P.No-36 B.Sc II
A text book of Botany
Rastogi Publications.

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Almas. Shapir. J B.Sc II R.no-
Simplified course in Botany
J. Chand

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5/7/19
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Kamya Naida B.Sc I R.no-28
A text book of Botany -sharma.

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A text book of pteridophyta
sharma. O.P

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shyamasree Nagari. B.Sc III R.no-65
An introduction to embryology
& angiosperms p. madhwarani

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A text book of cell & molecular
biology Rastogi publication

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Rifa Fatima Nadaf B.Sc IV R.no-
plant physiology . S.N. pande

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plant breeding.
B.O. singh

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24/1/2021
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30/1/2021
Kalpana yargal
plant breeding R.D. singh. ~~temporal~~

23/2/2021
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Mubhan Khazi B.Sc 3rd sem
Ecology and environment - Sharma.

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26/11/21
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30/11/21
Neha
Systematic of Botany - Datta S

1/12/21
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8/12/21
Suhana B.Sc 3rd sem
Plant Anatomy B.P Panda



MOU



K.L.E. Society's
SHRI KADASIDDHESHWAR ARTS COLLEGE AND
H. S. KOTAMBRI SCIENCE INSTITUTE
VIDYANAGAR, HUBBALLI-580031 (Karnataka State)
Accredited at 'A' Grade with 3.18 CGPA by NAAC

Office: 0836-2372097

Website: skahsk.com E-mail: skahsk_hbl@yahoo.co.in

Memorandum of Understanding
between
Anjuman-E-Islam's
Nehru Arts, Science and Commerce College, Hubballi-20
and
KLE's S.K.Arts College & H.S.K.Science Institute, Vidyanagar, Hubballi-31

This MoU is executed on date 23.11.2020 between Nehru Arts, Science and Commerce College, Hubballi, was established in the year 1903 for imparting basic science education, which expression shall mean and include unless repugnant to context hereof, it's successor-in-interest, administrators and assigns.

The Nehru Arts, Science and Commerce College, Hubballi is hosting various basic state-of-the-art facilities for staff and students. The college will focus on the key areas of Medicinal plants garden, Pharmacognocoy, Pharmacology and Plant preservation. The college is located at Ghantikeri, Hubballi-20, Karnataka, India.

and

KLE's S.K. Arts College & H.S.K. Science Institute, Vidyanagar, Hubballi which expression shall mean and include unless repugnant to context hereof, it's successors-interest, administrators and assigns.

The KLE's S.K. Arts College & H.S.K. Science Institute, Vidyanagar, Hubballi was established in the year 1952 for imparting basic science education and nurturing the wonders of science. The college will focus on the key areas of Medicinal plants garden, Pharmacognocoy, Pharmacology and Plant preservation. On its march, the college is accredited for 3rd cycle and awarded 'A' grade, with CGPA of 3.18 by NAAC.

Whereas,

The parties have discussed and deliberated on various items of mutual interest and benefits and have deemed expedient to execute this memorandum of understanding so as to mutually co-operate in the field of Medicinal plants garden, Pharmocognocoy, Pharmacology and Plant preservation.

1. Agreement on sharing of facilities:

There will be provision for mutual sharing of facilities from Nehru Arts, Science and Commerce College, Hubballi and from K.L.E.'s S.K. Arts College & H.S.K. Science Institute, Vidyanagar, Hubballi.

2. Agreement on Faculty Exchange:

There will be provision for faculty exchange from Nehru Arts, Science and Commerce College, Hubballi and from K.L.E.'s S.K. Arts College & H.S.K. Science Institute, Vidyanagar, Hubballi.


3. Agreement on Student Exchange:


There will be provision for Student exchange from Nehru Arts, Science and Commerce College, Hubballi and from K.L.E.'s S.K. Arts College & H.S.K. Science Institute, Vidyanagar, Hubballi.

4. Agreement on Amendment and Termination of MoU:

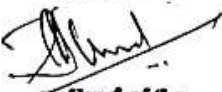
This MoU shall be valid for a period of five years from the date of its signing. During the period of the validity, the MoU can be amended any time by mutual consent of both the parties in writing. The MoU can also be terminated by either party giving a written notice of its desire to terminate the MoU by giving three months' notice in advance. In the event of such termination both the parties shall cooperate in good spirit for the completion of the ongoing activities.


In witness whereof the two parties have signed this memorandum of understanding by the hand on behalf of "Anjuman-E-Islam's Nehru Arts, Science and Commerce College" Hubballi and the hand on behalf of "K.L.E.'s S.K. Arts College & H.S.K. Science Institute" Vidyanagar, Hubballi on the date, month and year referred above.


PRINCIPAL,
NEHRU ARTS, SCIENCE & COMMERCE COLLEGE
HUBBALLI
Signed on behalf of
Anjuman-E-Islam's
Nehru Arts, Science and
Commerce College,
Hubballi





PRINCIPAL,
Shri Kadasiddheshwar Arts College &
S Kocambri Science Institute, Hubballi-31
Signed on behalf of
K.L.E.'s S.K. Arts College &
H.S.K. Science Institute,
Hubballi

Witness:


Head of the
Department of Botany,
Head,
Department of Botany,
Nehru College,
Hubballi


Head of the
Department of Botany,
Head,
Department of Botany,
K.L.E.'s S.K. Arts College &
H.S.K. Science Institute,
Hubballi

Teachers Exchange

9:30  Vo) 4G+ LTE1  97% 

Codes of Nomenclature

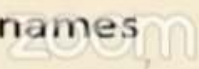
1. Paris Code (1867)


The first organized efforts to *standardization and legislation* of nomenclatural practices were laid down at the *first International Botanical Congress*, Paris in August 1867




Agreeing rules -

1. Linnaeus rules of Nomenclature
2. Rule of Priority
3. Author citations
4. Rules for acceptance and rejection of names

7/26/2021






9:30  Vo) 4G+ LTE1  97% 


EQUATIONAL REPRESENTATION


Aerobic Respiration

Glucose + Oxygen \longrightarrow Carbon Dioxide + Water + Energy

$C_6H_{12}O_6 + 6O_2 \longrightarrow 6CO_2 + 6H_2O + \text{Energy}$







9:31

Vo) 4G+ LTE1 97%



9:32

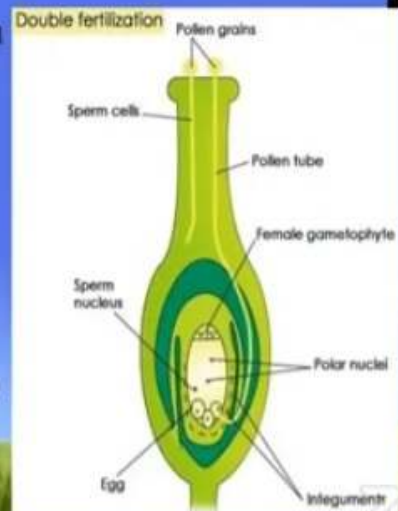
Vo) 4G+ LTE1 97%

CHEMOTROPISM

It is movement of plant in response to chemical stimuli.

Example:-

- Growth of pollen tube towards the ovule.
- The movement of root to food/fertilizer substance in soil





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E-mail: skahsk_hbl@yahoo.co.in

07.06.2021

MoU for Faculty and Student Exchange Programme

with

Nehru Arts, Science and Commerce College, Hubballi

Department of Botany

Organizes

Online Lecture Series

From 07.06.2021 to 12.06.2021

Inauguration


Date: 07.06.2021

Time: 03.00pm

AGENDA

1. Welcome & Introduction : Shri Subhas N. Emmi
2. Inaugural Address : Shri Syed Feroze Ahamed,
Principal, Nehru College,
Hubballi
3. Presidential Address : Dr. Uma V. Nerle,
Principal, S.K.A. & H.S.K.Sc. Institute,
Hubballi
4. Vote of Thanks : Dr. Chaitra B. Negalur
5. Anchor : Smt. Pooja M. Shambalimath

ALL ARE CORDIALLY INVITED


PRINCIPAL
Nehru Arts, Science & Commerce
Degree College, HUBBALLI-20.



Office: 0836-2372097

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Accredited at 'A' Grade with 3.18 CGPA by NAAC

Website: skahsk.com

E-mail: skahsk_hbl@ynhoo.co.in

01.06.2021

Department of Botany

Faculty & Student Exchange Programme

(07.06.2021 to 12.06.2021 Every day from 03.30pm to 04.30pm)

Online Lecture Series

Time-table

Date & Day	Name of the Faculty	College	Topic	Class
07.06.2021 Monday	Shri Subhas N. Emmi	S.K.Arts & H.S.K.Science Institute. Hubballi	Binomial Nomenclature	B.Sc.II Sem.
08.06.2021 Tuesday	Shri Syed Feroze Ahamed	Nehru Arts, Science & Commerce College, Hubballi	Cellular Respiration	B.Sc.IV Sem.
09.06.2021 Wednesday	Smt.Pooja M.Shambalimath	S.K.Arts & H.S.K.Science Institute. Hubballi	Structure of Chromosome	B.Sc.VI Sem.
10.06.2021 Thursday	Miss Sabeen Melrose	Nehru Arts, Science & Commerce College, Hubballi	Ecosystem	B.Sc.II Sem.
11.06.2021 Friday	Dr.Chaitra B.Negalur	S.K.Arts & H.S.K.Science Institute. Hubballi	Plant Movements	B.Sc.IV Sem.
12.06.2021 Saturday	Miss.Anisa Bijapur	Nehru Arts, Science & Commerce College, Hubballi	Ultrastructure of Plant Cell	B.Sc.VI Sem.

Platform: ZOOM

Class link will be shared every day in the morning.

Sd/-
Shri Syed Feroze Ahamed
Principal
Nehru College, Hubballi

PRINCIPAL
Nehru Arts, Science & Commerce
Degree College, HUBBALLI-20.

Sd/-
Dr.Uma V.Nerle
Principal
S.K.Arts & H.S.K.Science
Institute, Hubballi

Estd. 1965



Anjuman-e-Islam's
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GHANTIKERI, HUBBALLI – 580 020

(RE-ACCREDITED WITH "A" GRADE BY NAAC-3RD CYCLE)

(Prin) 0836 -2263369
(Off) 0836 - 2364095

Date:- 08-06-2021ss

Department of Botany

Report

On

Online Lecture series under the Banner of Teacher and Student Exchange Programme.

Department of Botany in collaboration with S.K.Art's & H.S.K.Science Institute Conducted an online lecture series as a part of MoU for faculty and student exchange for one week from 7 june to 12 june 20201.

The Resource person for the programme were.

1. Shri. Syed Feroze Ahamed-Principal and Head,Department of Botany
2. Shri. S.N Emmi-Head,Department of Botany,S.K.Art's,Science Institute Hubballi.
3. Dr.Chaitr, Negalur-Asst Professor, S.K.Art's,Science Institute Hubballi.
4. Shrimati.Pooja Shambalimath-Faculty, S.K.Art's,Science Institute
5. Miss.Sabeen Maherosh- Guest Faculty
6. Miss.Anisa Bijapur-Guest Faculty.

Number of Students attended -150

Shri.S.N.Emmi ,Head,Department of Botaany H.S.K Science Institute ,welcomed the resource persons and the students.Shri Syed Feroze Ahamed inaugurated the programme.Dr.Umma Nerle-Principal H.S.K.Science Institute presided over the programme.Dr.Chaitra Negalur proposed the vote of thanks and the programme was a grand success. Smt.Pooja Shambalimath anchored the programme.

PRINCIPAL
Nehru Arts, Science & Commerce
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Question Bank

3436 – E73 – VSS – F – 21



FIFTH SEMESTER B.SC. DEGREE EXAMINATION, MARCH 2021
BOTANY

Paper – II : Ecology and Environment

Time : 3 Hours]

[Max. Marks : 80

Instruction : Draw neat labelled diagrams wherever necessary.

I. Answer any ten of the following in 2-3 sentences each : (10×2=20)

- 1) Stratosphere.
- 2) Vivipary.
- 3) Heliophytes.
- 4) Pioneers.
- 5) Biomass.
- 6) Omnivores.
- 7) Food web.
- 8) Shola vegetation.
- 9) National parks.
- 10) Pollutants.
- 11) Ozone.
- 12) Vegetable oil.

II. Answer any six of the following :

(6×5=30)

- 13) Write a note on physical properties of soil.
- 14) Explain biological spectrum with an example.
- 15) Explain biotic components of pond ecosystem.
- 16) What is biodiversity ? Mention biodiversity hotspots of India.
- 17) What is wild-life conservation ? Explain Ex-situ conservation.

[P.T.O.]



- 18) Write a note on greenhouse effect.
- 19) Mention the botanical name, part used and uses of the following :
 - 1) Ground nut
 - 2) Cinnamomum.
- 20) Write a note on timber yielding plants.

III. Answer the following : (3×10=30)

21) Describe morphological and anatomical adaptations in non-succulent xerophytes.

OR

What is soil profile ? Explain different horizons of a typical soil profile.

22) What is biogeochemical cycle ? Explain nitrogen cycle.

OR

Explain different vegetation types in Karnataka.

23) What is global warming ? Describe causes and consequences of global warming.

OR

Describe causes and consequences of over exploitation of forests in India.

ಶಿಕ್ಷಣ ಅಧ್ಯಕ್ಷಿ

ಪೂಜಾರಿ : ಅಧ್ಯಾಪಕರುಗಳಿಗೆ ಮಾತ್ರ, ಭಾಗವನ್ನು ಹಂಚಿ.

I. ಕೆಳಗೆ ಯಾವುದಾದರೂ ಪತ್ತರ ಒಬ್ಬ ವ್ಯಕ್ತಿಯೊಬ್ಬಗೆ 2-3 ವಾಕ್ಯಗಳನ್ನು ಒದೆಯು : (10×2=20)

- 1) ಸ್ವಾತಂತ್ರ್ಯಯೋಧಿ.
- 2) ವಿಜಯ.
- 3) ಹರಿಶ್ಚಂದ್ರನು.