

REPORT OF
One day Workshop on
"EMBARK ON THE JOURNEY OF KNOWLEDGE
IN HYBRIDIZATION OF WATER LILIES AND LOTUS"

Under ED Cell

P. G. Research Centre, Department of Botany, Tuljaram Chaturchand College of
Arts, Commerce and Science, Baramati (Autonomous).
(Academic Year: 2023-24)

Sr. No.	Item	Particulars
1	Name of Department	Department of Botany
2	Title of Programme	One Day Workshop On "Embark On The Journey of Knowledge In Hybridization of Water Lilies And Lotus"
3	Date of Programme	12 Feb. 2024
4	Name and address of Resource Person	Mr. Somnath Pal, Nymphaea and Nelumbo, Badlapur, Mumbai
5	Level of Programme	College
6	Funded by	ED cell of T. C. College
7	No. of Beneficiaries	60

Detail information of the programme

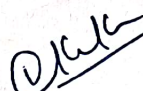
Session I: 12.00 to 3.30 p.m. : Guest lecture on *Nymphaea* and *Nelumbo*, ancient uses and hybridization techniques.

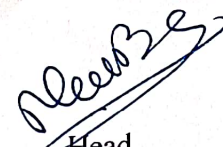
Session II : 4.00 p.m to 5.30p.m: Demonstration of hybridization of water lilies.

In the first session Prof. Dr. B. S. Mali, Head Department of Botany given welcome address of the programme. Dr. M. P. Patil Introduced the Resource person. Chairperson of programme Prof. Dr. Yogini Mulay felicitated resource person Mr. Somnath Pal. The Programme was inaugurated by IQAC Co-ordinator Dr. Yogini Mulay. Resource person Mr. Somnath Pal delivered lecture on Ancient uses and hybridization techniques in *Nymphaea* and *Nelumbo*. Programme ended by vote of thanks proposed by Mr.S. R. Chandankar.

In second session of workshop demonstration session organized in Kavivarya Moropant Botanical Garden of T. C. College, Baramati wherein he demonstrated various steps in hybridization which involves selection of flower, emasculation, bagging, tagging, labeling and harvesting of seed from water lilies and potting methods of Lotus. Prof. Dr. V. C. Kakade, Dean and ED cell Chairman visited session during demonstration. Total 60 student's are beneficiaries of this workshop.


Co-ordinator


ED Cell
Chairman


Head
Dept of Botany
Co-ordinator

IQAC


Principal



REPORT OF
One day Workshop on
**"EMBARK ON THE JOURNEY OF KNOWLEDGE
IN HYBRIDIZATION OF WATER LILIES AND LOTUS"**
Under ED Cell

P. G. Research Centre, Department of Botany, Tuljaram Chaturchand College of Arts,
Commerce and Science, Baramati (Autonomous).
(Academic Year: 2023-24)

Department of Botany has organized One day workshop on **"Embark on the Journey of Knowledge In Hybridization of Water Lilies And Lotus"** on 12th Feb. 2024. In this programme guest lecture and demonstration for hybridization techniques was organized for UG and PG students. Prof. Dr. B. S. Mali, Head Department of Botany introduced the programme. Dr. M. P. Patil, P. G. Co-ordinator and Programme Co-ordinator introduced the guest. Prof. Dr. Yogini Mulay, IQAC Co-ordinator who chaired and inaugurated the workshop. In first session Resource person Mr. Somnath Pal delivered lecture on classification, types, hybrid varieties and their propagation methods, ancient uses of lotus and lilies as food, medicine and hybridization techniques in *Nymphaea* and *Nelumbo*.

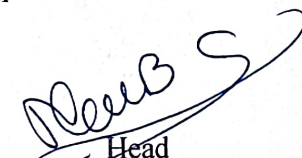
In second session of workshop demonstration session organized in Kavivarya Moropant Botanical Garden of T. C. College, Baramati wherein he demonstrated various steps in hybridization which involves selection of flower, emasculation, bagging, tagging, labeling and harvesting of seed from water lilies and potting methods of Lotus. Prof. Dr. V. C. Kakade, Dean and ED cell Chairman visited session during demonstration. Total 60 student's are beneficiaries from the workshop.

Mr. Amar Bhosale, ZP Primary School, Zanjewadi, Khudus, Manik Hapse and Poonam Hapse, Government Polytechnique College, Ahmednagar, Rahul Zhambre, Mukbadhir Nivasi School, Bhoom also present for the workshop with due interest in aquatic plants.

We are very much thankful to Prof. Dr. V. C. Kakade, ED Cell Chairman for approval of workshop under ED cell. Thanks are extended to Prin. Prof. Dr. Avinash Jagtap for permission, suggestions and constant encouragement for success of this workshop.


Co-ordinator
of Workshop




Head
Department of Botany

Noted
20/2/24
8/14/2024

Date : 25/01/2024

To,
The Principal,
Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati (Autonomous)

Subject: Permission to arrange hands on training programme on Hybridization techniques in Water Lilies and Lotus under ED cell.

Respected Sir,

We are willing to organize One Day Hands on Training Programme on "Hybridization techniques in Water Lilies and Lotus" under ED cell for U. G. and P. G. Botany students. The details of Training Programme are as follows.

Time	Programme	Resource Person
12.00 to 1.30 p.m.	Guest lecture on Hybridization techniques in Water Lilies and Lotus"	Mr. Somnath Pal, Proprietor of Nymphaea and Nelumbo, Badlapur
1.30 to 2.30 p.m	Training of hybridisation in Kavivarya Moropant Botanical Garden of Tuljaram Chaturchand College.	

Expenditure details: 3000/- (Honorarium) + 3000/- (TA) 500/- coordinator @ 100/-

Kindly permit us for the same.

Thanking You

mpb
Co-ordinator
of Workshop

Recommended
to organize
activity
under ED cell
Clal
5/2/2024

DeeBS
Head
Department of Botany

Allowed
8/12/24

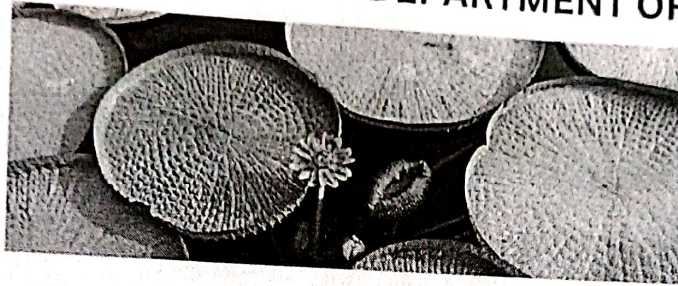




Anekant Education Society's
Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati
(Autonomous)

Academic Year : 2023-24

P.G. RESEARCH CENTER DEPARTMENT OF BOTANY

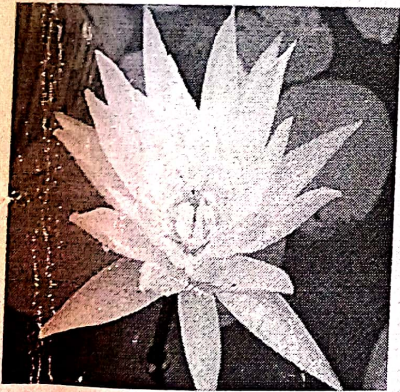


Organizes

One Day Workshop on

“Embark on the Journey of Knowledge in
Hybridization of Water Lilies and Lotus”

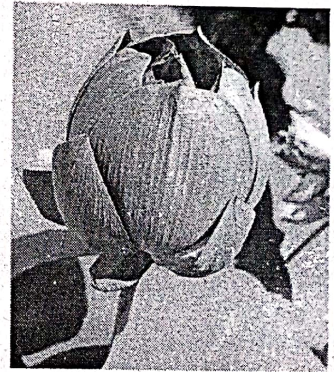
Under ED Cell



● Resource Person ●

MR. SOMNATH PAL

Water lily & Lotus Hybridizer
Nymphaea & Nelumbo
Mumbai



Day and Date: Monday, 12/02/2024

Time: 12.00 noon onwards

Venue : Computer Science
Auditorium Hall

● Organizing Committee ●

Dr. M. P. Patil
Co-ordinator



Prof. Dr. V. C. Kakade
Chairman
ED Cell

Prof. Dr. B.S.Mali
Head,
Dept. of Botany

Prof. Dr. A.S.Jagtap
Principal

DEPARTMENT OF BOTANY



Anekant Education Society's
Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati
(Autonomous)
One day Workshop on

**"EMBARK ON THE JOURNEY OF KNOWLEDGE
IN
HYBRIDIZATION OF WATER LILIES AND LOTUS"**

Organized by

Post Graduate Research Centre, Department of Botany,
Tuljaram Chaturchand College of Arts, Science and Commerce,
Baramati

**Under ED cell
(Academic Year 2023-24)**

Date :12/01/2024

Time : 12.00 noon to onwards

ORGANIZING COMMITTEE

Convener

Prof. Dr. B. S. Mali

Co-ordinator

Dr. Madhuri P. Patil

Anchoring Committee

Karishma Bhosalé (M. Sc I)

Vaishanvi Yadav (M. Sc I)

Attendance and Feedback Committee

Miss. Pratiksha Gophane

Mr. Sourabh Pandhare (M. Sc II)

Nayana Sonwane (M. Sc II)

Photograph and Publication Committee

Mr. S. R. Chandankar

Abhishek Thorave (M. Sc II)

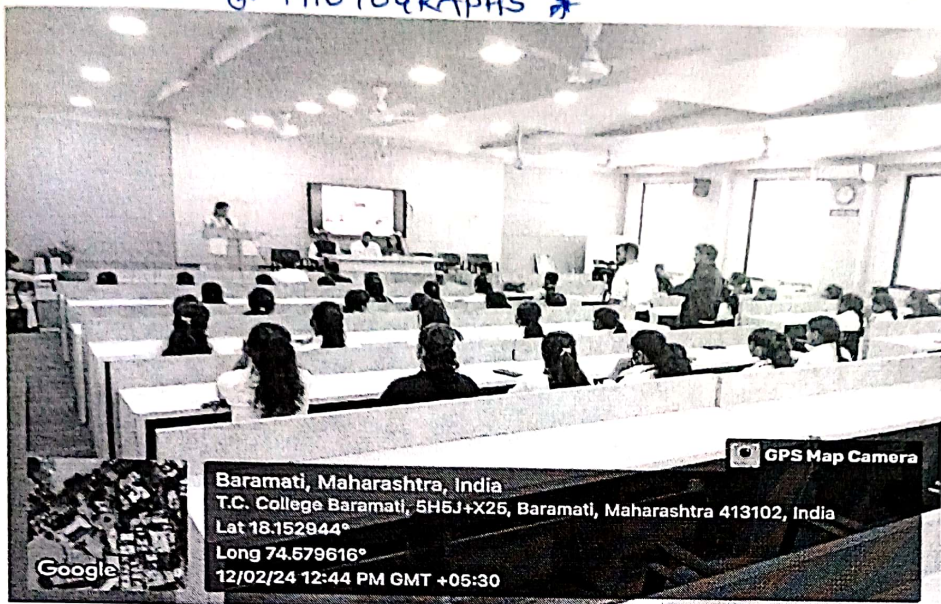


DEPARTMENT OF BOTANY

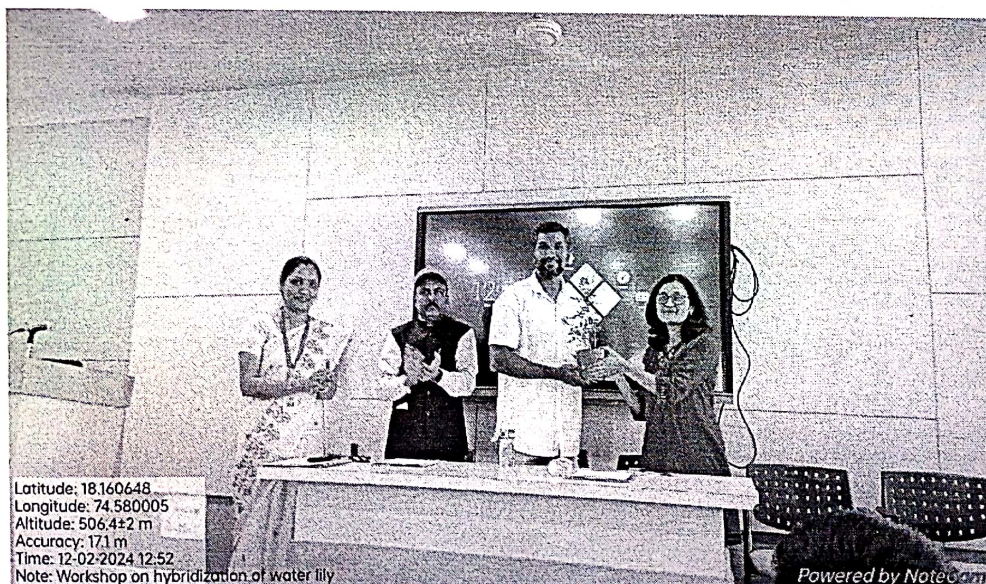


One Day Workshop On "Embark On The Journey of Knowledge In Hybridization of Water Lilies And Lotus"

✧ PHOTOGRAPHS ✧



- Dr. Madhuri Patil, Co-ordinator of workshop, introducing the workshop theme ●



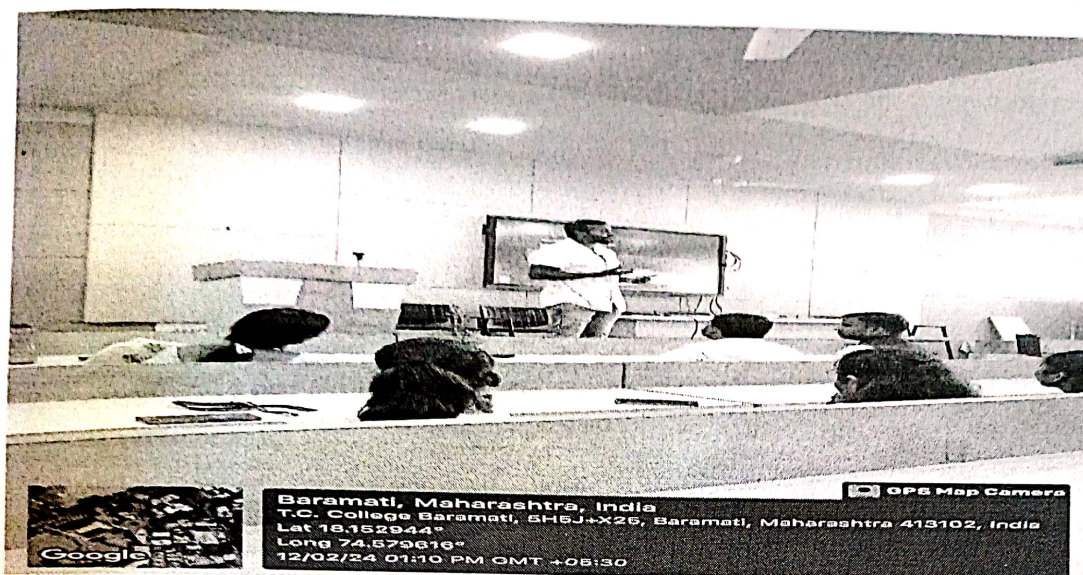
Felicitation of Mr. Somnath Pal by Prof. Dr. Yogini Mulay, IQAC Co-ordinator (Resource Person).

DEPARTMENT OF BOTANY

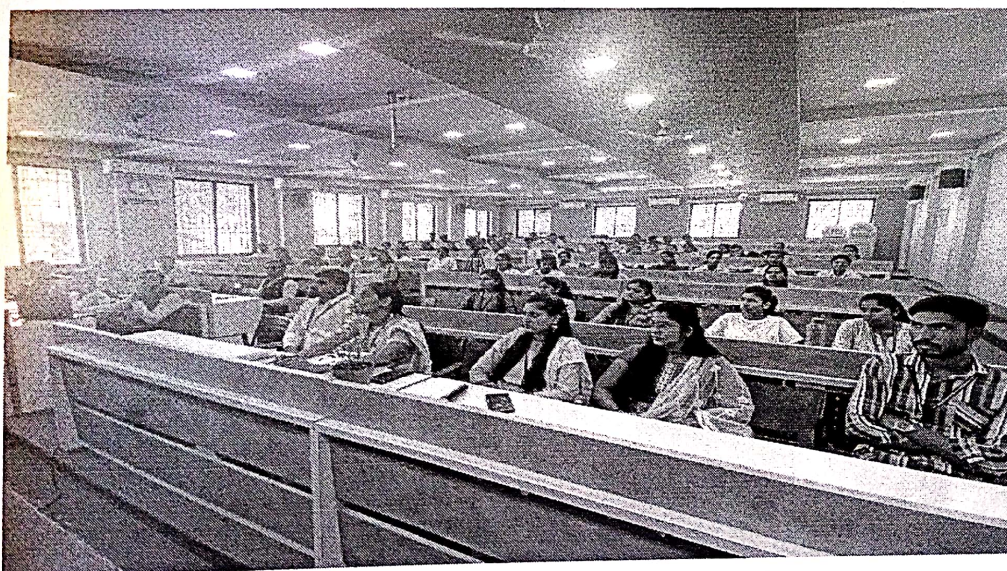


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Session I : Mr. Somnath Pal delivered lecture on classification, types, hybrid varieties and their propagation methods, ancient uses of lotus and lilies as food, medicine and hybridization techniques in *Nymphaea* and *Nelumbo*.



Session I : Participants in lecture by Mr. Somnath Pal on classification, types, hybrid varieties and their propagation methods, ancient uses of lotus and lilies as food, medicine and hybridization techniques in *Nymphaea* and *Nelumbo*.

DEPARTMENT OF BOTANY





Demonstration session at Kavivarya Moropant Botanical Garden by Somnath Pal



Session II: Prof. Dr. V. C. Kakade E.D. Cell Chirman and Participants in workshop



DEPARTMENT OF BOTANY





Outside campus participants for Workshop “EMBARK ON THE JOURNEY OF KNOWLEDGE IN HYBRIDIZATION OF WATER LILIES AND LOTUS” on 12th Feb 2024: Mr. Amar Bhosale, ZP Primary School, Zanjewadi, Khudus, Manik Hapse and Poonam Hapse, Government Polytechnique College, Ahmednagar, Rahul Zhambre, Mukbadhir Nivasi School, Bhoom with Speaker Somnath Pal, Head Department of Botany, Prof. Dr. B.S. Mali, PG. Co-ordinator Dr. Madhuri Patil and S. R. Chandankar

MPB
 Co-ordinator



HOD Signature *BS Mali*
 DEPARTMENT OF BOTANY

Anekant Education Society's
Tuljaram Chaturchand College of
of Arts Science and Commerce, Baramati
Autonomous

Payment Voucher

Name :- Mr. Somnath P. Pal.

Date :- 13/02/2024

Address :- Nymphaea & Nelumbo, Badlapur, Mumbai

Head of Exps on account of:-

Particulars of Payment	Honorarium	TA	Total
One day workshop on "Embark on the Journey of hybridisation in lilies & lotus	2500/-	2030	4530
			4530/-

Rupees in Words:

Name of Payee:-	Mr. Somnath P. Pal. Nymphaea & Nelumbo
Name of Bank	The Federal Bank Ltd
Account No.	17550200006414
Branch Name	Badlapur
IFSC Code	FDRL0001755

For Account Use Only

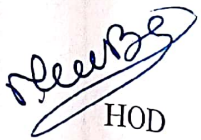
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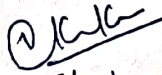
Account Clerk

Office Superitendant

Registrar

Allowed & Pay/ Not Pay

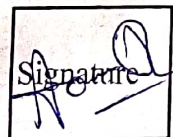

HOD


Chairman
ED Cell

Department of Botany

Principal

Received with thanks from The Principal. Tuljaram Chaturchand College, Baramati


Signature





Aneant Education Society's

TULJARAM CHATURCHAND COLLEGE OF

ARTS, SCIENCE AND COMMERCE, BARAMATI

AUTONOMOUS

TRAVELLING ALLOWANCE BILL

(1) Name : Mr. Semnath Pal
(2) Name of College : Nymphaea & Nelumbo
Badlapur, Mumbai
(3) Purpose of Journey : One day workshop on Water Lilies & Lotus hybridization

(4) Nature of the Committee : Entrepreneur
(5) Designation (in case of employee) : Entrepreneur
(6) Grade pay Rs. (in case of employee) : —

Name of Bank : Federal Bank Ltd.
A/c No. : 17550200006414
Branch Add. : Badlapur
IFSC Code : FDRRL0001755

Particulars of Journey/Stay				Type of Journey		Ticket No. and Date for 1st class by Rail or Air		Trip/Bys/Taxi fare		D.A.		Total
				Rail/S.T./Taxi/Own Car/Air/Class of Accommodation	Distance Travelled in km.							
Date	Time	Station	Date	Time	Station							
1	2	3	4	5	6			10		11		12
11/02/2024	11:30 pm	Ulhasnagar	11/02/24	11:45 pm	Kalyan							
12/02/2024	0:45 pm	Kalyan	12/02/24	5:00 am	Daurand			200				
12/02/2024	5:45 am	Daurand	12/02/24	7:00 am	Baramati			745				
12/02/2024	6:00 pm	Baramati	12/02/24	7:30 pm	Daurand			40				
12/02/2024	9:45 pm	Daurand	12/02/24	4:00 am	Kalyan			100				
Certificates and declaration Kalyan to Ulhasnagar - Cab								745				
						Grand Total						2030

(1) I hereby declare that no travelling allowance from any public or semi-public authority for a part of or whole of the Journey in respect of the bill is claimed by me.

(2) I Further declare that I have travelled via 2A by Railway by 1st class/1ind class/SX/Private car (singly/with other members) and performed perform the return journey in the same manner.

(3) I have not availed of any Railway concession.

(4) I hereby certify that board & lodging was/were not supplied

(i) Certified that Shri.

(ii) The dates & timing mentioned in the claim are verified and found correct.

Applicant Signature

HOD Sign

Date :

Account Clerk

Office Superintendent

Registrar

Principal

WL Electronic Reservation Slip (ERS) - Normal User WL

Booked From DAUND JN - DD (DAUND) Start Date* 12-Feb-2024

To KALYAN JN - KYN (MUMBAI) Arrival* 02:32 13-Feb-2024

PNR 8004308602

Train No./Name 11020 / KONARK EXPRESS

Class SECOND AC (2A)

Quota GENERAL (GN)

Distance 214 KM

Booking Date 08-Feb-2024 21:23:50 HRS

Passenger Details

#	Name	Age	Gender	Booking Status	Current Status
1	SOMNATH PAL	39	M	RLWL/3	RLWL/3

Transaction ID: 100004778654911

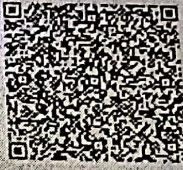
IR recovers only 57% of cost of travel on an average.

Payment Details

Ticket Fare	₹ 710.00
IRCTC Convenience Fee (Incl. of GST)	₹ 35.40
Total Fare (all inclusive)	₹ 745.40

IR Charges as applicable (Additional)

N&N



WL Electronic Reservation Slip (ERS) - Normal User WL

Booked From KALYAN JN - KYN (MUMBAI) Start Date* 12-Feb-2024

To DAUND JN - DD (DAUND) Arrival* 05:00 12-Feb-2024

PNR 8614225691

Train No./Name 11027 / DR PVR EXPRESS

Class SECOND AC (2A)

Quota GENERAL (GN)

Distance 214 KM

Booking Date 08-Feb-2024 21:05:47 HRS

Passenger Details

#	Name	Age	Gender	Booking Status	Current Status
1	SOMNATH PAL	39	M	WL/10	WL/6

Transaction ID: 100004778654781

IR recovers only 57% of cost of travel on an average.

Payment Details

Ticket Fare	₹ 710.00
IRCTC Convenience Fee (Incl. of GST)	₹ 35.40
Total Fare (all inclusive)	₹ 745.40

IR Charges as applicable (Additional)

N&N

Beware of fraudulent customer care number. For any assistance, use only the IRCTC e-ticketing Customer care number: 14646.




DEPARTMENT OF BOTANY



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Anekant Education Society's
Tuljaram Chaturchand College of
of Arts Science and Commerce , Baramati
Autonomous

Payment Voucher

Date:-12/01/2024

Name :- Dr. Madhuel P. Patil

Address:- Dept. of Botany, T.C. College, Baramati.

Head of Exps on account of:-

Particulars of Payment	Honorarium	TA	Total
One day workshop on "Embark on the Journey of hybridisation in water lilies & lotus"	500/-	-	
			500/-

Rupees in Words: Five hundred rupees only

Name of Payee:-	Dr. Madhuel Patil
Name of Bank	Bank of MH.
Account No.	60335360364
Branch Name	Baramati
IFSC Code	MAHB0000073

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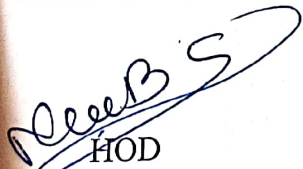
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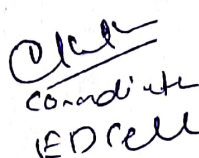
Account Clerk

Office Superintendant

Registrar

Allowed & Pay/ Not Pay


HOD

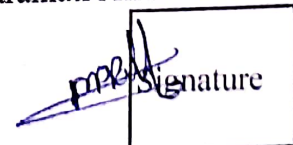

Coordinator
ED Cell

Principal

Department of Botany

Received with thanks from The Principal. Tuljaram Chaturchand College, Baramati Alumni Asso.




Signature

One day Workshop on
"EMBARK ON THE JOURNEY OF KNOWLEDGE
IN HYBRIDIZATION OF WATER LILIES AND LOTUS"

Under ED Cell

P. G. Research Centre, Department of Botany, Tuljaram Chaturchand College of Arts,
Commerce and Science, Baramati (Autonomous).
(Academic Year: 2023-24)

Expenditure Details

Sr. No.	Particulars	Amount
1	Mr. Somnath P. Pal Account Name : <i>Nymphaea</i> and <i>Nelumbo</i> Account Number: 17550200006414 IFSC : FDRL0001755 Branch: Badlapur MICR CODE: 4000049029	4030/- T.A 2500/- Honarium
2	Material for Demonstration:	610/-
3	Flex Printing	180/-
4	Ac. Name: Patil Madhuri Pravinkumar Ac. No.: 60335360364 Bank Name: Bank of Maharashtra: Bhigwan Chowk, Baramati IFSC code: MAHB0000073 MICR code: 413014101	500/-



Anekant Education Society's
Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati
(Autonomous)
One day Workshop on
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IN
HYBRIDIZATION OF WATER LILIES AND LOTUS"

Organized by.

Post Graduate Research Centre, Department of Botany,
Tuljaram Chaturchand College of Arts, Science and Commerce,
Baramati (Autonomous)
Under ED cell

Date:

FEEDBACK FORM

Name : Tejas Chaturchand Beldekar
Mobile No. : 9709234593
E-mail : tejabeldekar34@gmail.com

Please express your view regarding following point:

1. Name of Speaker: Somnath pol
2. Impact of lecture
Good
3. Impact of Training :
Good
4. Suggestions: —



DEPARTMENT OF BOTANY
Signature



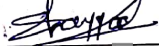
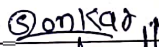
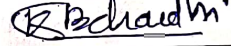
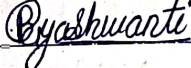
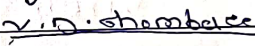
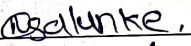
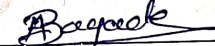
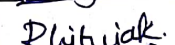
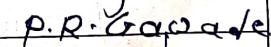
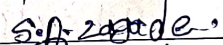
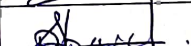
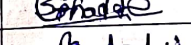
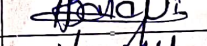
One Day Workshop on

**"EMBARK ON THE JOURNEY OF KNOWLEDGE
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HYBRIDIZATION OF WATER LILIES AND LOTUS"**

Organized by
**Post Graduate Research Centre, Department of Botany,
Tuljaram Chaturchand College of Arts, Science and Commerce,
Baramati (Autonomous)
Under ED cell**

(Academic Year: 2023-24)

ATTENDANCE

Sr. No	Name of Student	Class	Signature
1.	Ghodake Nikita Dilip	M.Sc II	
2.	Sayyad Jasmin Maheebub	M.Sc II	
3.	Lonkar Swati Govind	M.Sc II	
4.	Chaudhari Komal Balu	M.Sc II	
5.	Bhadale Yashwanti Ganesh	TY.BSC	
6.	Shambhoo Vaishnavi Dattatray	TY.BSC	
7.	Salunke Nilam Santdy	TY.BSC	
8.	Bugade Apeksha Aevind	T.Y. B.Sc	
9.	Kale Rhituja Hemant	T.Y. B.Sc.	
10.	Gawade Pinki Ramert	M.Sc-I	
11.	Zagade Shital Dilip	M.Sc-I	
12.	Jagtap Saurabh Rohidas	T.Y. B.Sc	
13.	Sachin Dhaval Sanjay	TY.BSC	
14.	Shinde Sushant Ashaji	TY.BSC	
15.	Ghodge Sunay Rohidas	TY. BSC.	
16.	Dalavi Amar Sunil	T.Y. BSC	
17.	Chavan Yashraj Murlidhar	T.Y. B.Sc	



18.	Chave Prabod Santosh	T.Y. bsc	Chave
19.	Beldar Tejay Chandrabent	M.Sc - II	Beldar
20.	Khade kemal Dadaso	F.Y. B.Sc	Khade
21.	chavan Yogita Dinkar	F.Y. BSc	chavan.y.d.
22.	Pawar Dnyaneshwari Satish	F.Y. B.Sc.	D.S. Pawar
23.	Kamble Sakshi Bhaskar	F.Y. B.Sc.	Kamble
24.	Jamdar Priti Subhash	F.Y. BSc	Jamdar
25.	Durande Aarti Tukaram	F.Y. BSc	Durande
26.	mane Shrirani Chandrakant	F.Y. BSc	mane
27.	Borkar Gitanjali Sunil	F.Y. BSc	Borkar
28.	Pawar Vaishnavi Satish	F.Y. BSc (Bot)	Pawar
29.	sable pooja sanjay	F.Y. BSc (Bot)	sable
30.	Munde Pratiksha Navnath	F.Y. BSc (Bot)	Munde
31.	Savane Divya Babu	F.Y. BSc (Bot)	Savane
32.	Naiknaware shruti Kantilal	F.Y. BSc (Bot)	Naiknaware
33.	Sayyad Parveen Riyaj	M.Sc I (Bot)	Sayyad
34.	Gargade Rutuja Hanumant	M.Sc. I (Bot)	Gargade
35.	Beldar Nikita Amarnath	M.Sc. I (Bot)	Beldar
36.	Virkar Rutuja Vitthal	M.Sc. I (Bot)	Virkar
37.	Bhosale Pranavi Sanjay	F.Y. BSc Bot	Bhosale
38.	charun Gauri Maruti	F.Y. BSc Bot	Charun.gm
39.	Gatkal Vaasha Santosh	F.Y. BSc Bot	V.S. Gatkal
40.	Naiknaware Pooja Jitendra	F.Y. BSc (Bot)	Naiknaware
41.	Bhosale Karishma Sunil	M.Sc - I	Bhosale
42.	Kuchekar Anjali Satish	M.Sc - II	Kuchekar
43.	Kamble Pratiksha Dayanand	M.Sc - I	Kamble
44.	Sonawane Nayana Kishor	M.Sc II	Sonawane
45.	Thorare abhishek Kisan	M.Sc - II	Thorare
46.	Jagtap Sourabh Suresh	M.Sc. II	Jagtap
47.	Bhosale Hareshada Sanjay	M.Sc I	Bhosale



48.	Shinde Shrutika Dilip	M.Sc-II	Shrutika
49.	Pandhare Swarda Rajendra	M.Sc II	Pandhare S.R.
50.	Gaikwad Rohini Rohit	S.Y.BSc	Rohini
51.	maelane Nikita Hamuramant	SY.BSc.	Nikita
52.	Yeale Vishakha Sayajirao	SY.BSc	Yeale
53.	Lokhande Nikita Nanasa	Sy.BSc	N.N-Lokhande
54.	Kale Praachi Sharad	S.Y.BSc	Praachi
55.	Kumbhar Gauri Pintu	S.Y.BSc	Kumbhar
56.	Ghogare Abhishek Bharad	T.Y.BSc	Abhishek
57.	Khatal Anshul Haridas	T.Y.BSc.	Anshul
58.	Lonhe Samjeet Vishvesh	P.Y.BSc.	Samjeet
59.	Rupnagar Priti Suresh	F.Y.BSc	Priti
60.	Pawar Poojana Swaraj	F.Y.BSc	P.S. Pawar
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[Signature]
Co-ordinator
of Workshop

[Signature]
H.O.D.

DEPARTMENT OF BOTANY



Anekant Education Society's
Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati
(Autonomous)

One day Workshop on
"EMBARK ON THE JOURNEY OF KNOWLEDGE
IN
HYBRIDIZATION OF WATER LILIES AND LOTUS"

Organized by

Post Graduate Research Centre, Department of Botany,
Tuljaram Chaturchand College of Arts, Science and Commerce,
Baramati (Autonomous)
Under ED cell

Date: 12/02/2024

FEEDBACK FORM

Name : Amit Madhavrao Bhosale
Mobile No. : 9370404505
E-mail : amitbhos@gmail.com

Please express your view regarding following point:

1. Name of Speaker: Mr. Somnath Pal.
2. Impact of lecture
Very informative lecture by Somnath sir.
It will definitely increase interest in students.
3. Impact of Training : about waterlily & lotus.
4. Suggestions:

Signature

