

Linkages 2022

Sr. No.	Name of the collaborating agency / institution / industry / corporate house with whom the MoU / collaboration / linkage is made, with contact details	Initiating Department / Committee	Year
1.	Ahmednagar College, Ahmednagar and New Arts Commerce and Science College, Ahmednagar	Botany	2022
2.	Rajarshi Chhatrapati Shahu College, Kolhapur	Botany	2022
3.	Ujani Wetland, Bhigvan, Indapur, Pune	Zoology	2022
4.	Krushik Vigyan Kendra, Baramati, Pune	Botany	2022
5.	Krushik Vigyan Kendra, Baramati, Pune	Botany	2022
6.	Tuljaram Chaturchand College of Arts Science and Commerce College, Baramati	Botany	2022
7.	Vasant Dada Sugar Factory, Manjari, Pune	Chemistry	2022
8.	Parikrama College of Engineering, Kashti, Shrigonda	Mathematics	2022
9.	Microtron Accelerator Laboratory, Savitribai Phule Pune University, Pune.	Physics	2022
10.	Department of Physics, Shivaji University, Vidyanagar, Kolhapur.	Physics	2022
11.	Department of Physics, Savitribai Phule Pune University, Pune.	Physics	2022
12.	Electrochemical Laboratory, Savitribai Phule Pune University, Pune.	Physics	2022
13.	Microtron Accelerator Laboratory, Savitribai Phule Pune University, Pune	Physics	2022
14.	Shree Shiv Chhatrapati College Arts Commerce, Science, Junnar, Pune.	Botany	2022
15.	Engineered Science Publisher, USA	Botany	2022
16.	Savitribai Phule Pune University, Pune	Physics	2022
17.	Savitribai Phule Pune University, Pune and Indrayani Hospital, Alandi	Physics	2022
18.	Savitribai Phule Pune University, Pune	Physics	2022



Rayat Shikshan Sanstha's
Dada Patil Mahavidyalaya, Karjat, Dist. Ahmednagar
NAAC reaccredited 'A' Grade (3.07 CGPA)

Faculty & Student Exchange Program

on 25th January 2022 on 2.30 p.m. Onwards

Department of Botany in Collaboration with IQAC, is organizing, online, one day Guest lecture program for T. Y. & M. Sc. Students, to motivate, encourage and add a knowledge bridge between students and teachers between Ahmednagar College, Ahmednagar, New Arts, Commerce & Science College & Dada Patil Mahavidyalaya, Dist. Ahmednagar. The program will benefit the Undergraduate and Postgraduate students.

Timing	Resource Person	Topic
2.30 - 3.15 p.m.	Dr. Abhijit A. Kulkarni Professor, Department of Botany, Ahmednagar College Ahmednagar Dist. Ahmednagar.	Scope of Plant Biotechnology
3.15- 4.00 p.m.	Dr. Digambar D. Ahire, Assistant Professor, Department of Botany, New Arts, Commerce and Science, college.	Introduction to SPSS Software



Google Meet- meet.google.com/esh-ypaf-gva

Organized by:

Department of Botany and IQAC, Rayat Shikshan Sanstha's Dada Patil Mahavidyalaya, Karjat, Dist. Ahmednagar

Members :- Dr. A. B. Kadam, Ms. S. V. Gaikwad, Dr. D. S. Wadavkar, Mr. N. K. Patil,
Ms. A. M. Mulay

Co-Ordinator
Dr. P. N. Nagane

Head, Dept. of Botany,
Dr. S. A. Kulkarni

IQAC Coordinator,
Dr. S. R. Pai

Principal
Dr. Sanjay Nagarkar

Contact: - Dr. (Mrs.) P. N. Nagane (7756853904).
Department of Botany, Dada Patil Mahavidyalaya, Karjat 414402, Email: botanydpmkl@gmail.com



Rayat Shikshan Sanstha's
DADA PATIL MAHAVIDYALAYA, KARJAT, AHMEDNAGAR.

DEPARTMENT OF BOTANY & IQAC

Guest Lectures
Under
FACULTY AND STUDENT Exchange Program
on
25th January 2022

REPORT

The department of Botany in association with IQAC has organised a one day Guest Lectures session under the “**Faculty and Student Exchange program**” on **25th January 2022** from **2.30 to 4.00pm**. This program is undertaken with the aim of interaction of intercollegiate students and faculties for improving their academics. These activities will benefit to improve the knowledge domain of students.

Under this activity, a total of **75 beneficiaries** including faculty, research scholars and Under graduate and Post graduate students of Ahmednagar college Ahmednagar, Dada Patil Mahavidyalaya, Karjat and New Arts, Commerce and Science College, Ahmednagar had participated in the program.

There were a total 2 plenary sessions including the inaugural session. The program was conducted online on google meet platform link-
meet.google.com/esh-ypaf-gva

The event started at 2.20 p.m. with inaugural speech of Dr Mrs. S. A. Kulkarni, Head, Department of Botany. In her speech, she gave a warm welcome on behalf of the department and stated the development and academic achievement of Dada Patil Mahavidyalaya Karjat. The Co-coordinator, of the

Program, Dr Asha Kadam welcome & Introduced the Resource person for the first plenary session , **Professor, Dr. Abhijit A. Kulkarni** from Ahmednagar college Ahmednagar, Maharashtra, India.


Dr. Kulkarni gave an expert talk on the “**Scope of Plant Biotechnology**” and included the broad view regarding various aspects of Plant Biotechnology, His speech also included the applications of Genetically modified plants in medicine, use the genetically modified plants for human utilization and new improved techniques for the maintaining quality and quantity of productivity of seeds to overcome the demand of increased population.

Dr Asha Kadam also introduced the Resource person for the second plenary session, **Dr. Digamber D. Ahire**, Assistant Professor, New Arts, Commerce and Science College, Ahmednagar, Maharashtra, India. He delivered expert lecture on “**SPSS software**”. He practically demonstrated the use of this software for studying parameters and in result analysis. The second session of the program was also informative.

Ms. Suvarna Gaikwad, co-coordinator delivered a vote of thanks to all the speakers, participants and all organising committees. Dr Pratishtha Nagane , coordinator of the program, anchored the entire sessions of the Online Guest lectures under faculty and student Exchange Program.

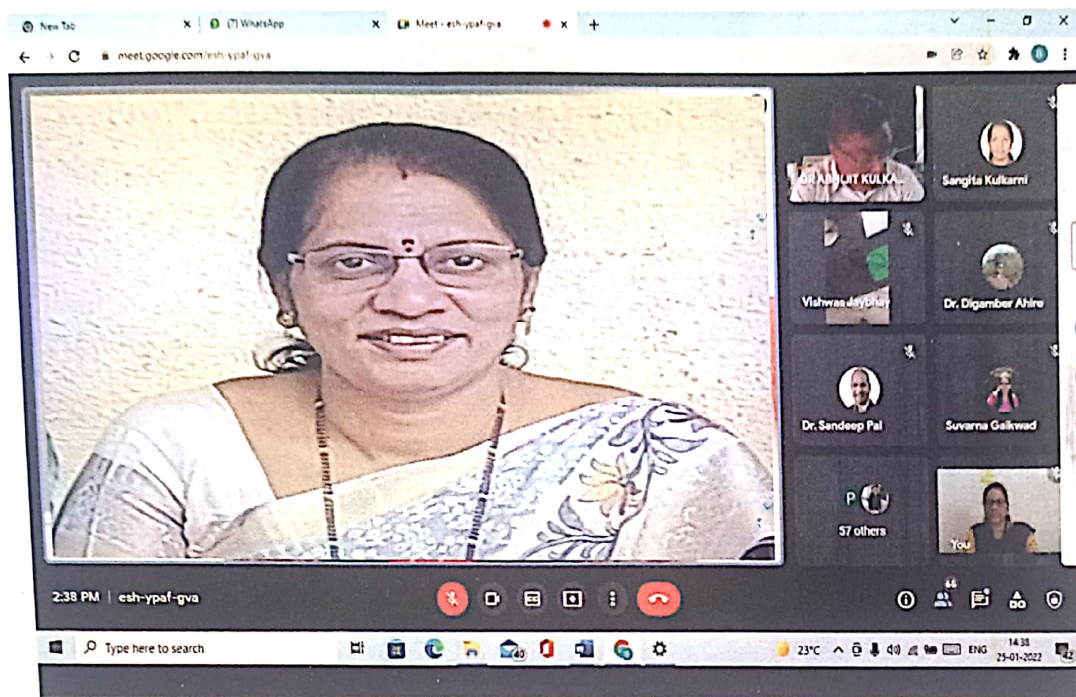
The success of the program goes to the Principal Dr. Sanjay Nagarkar for his guidance and constant motivation , our moral support Vice Principal, Dr. Mahendra Patil and Dr. S. R. Pai, Co-ordinator, IQAC and the efforts of entire organizing committee.


Head
Department of Botany
Dada Patil Mahavidyalaya, Karjat

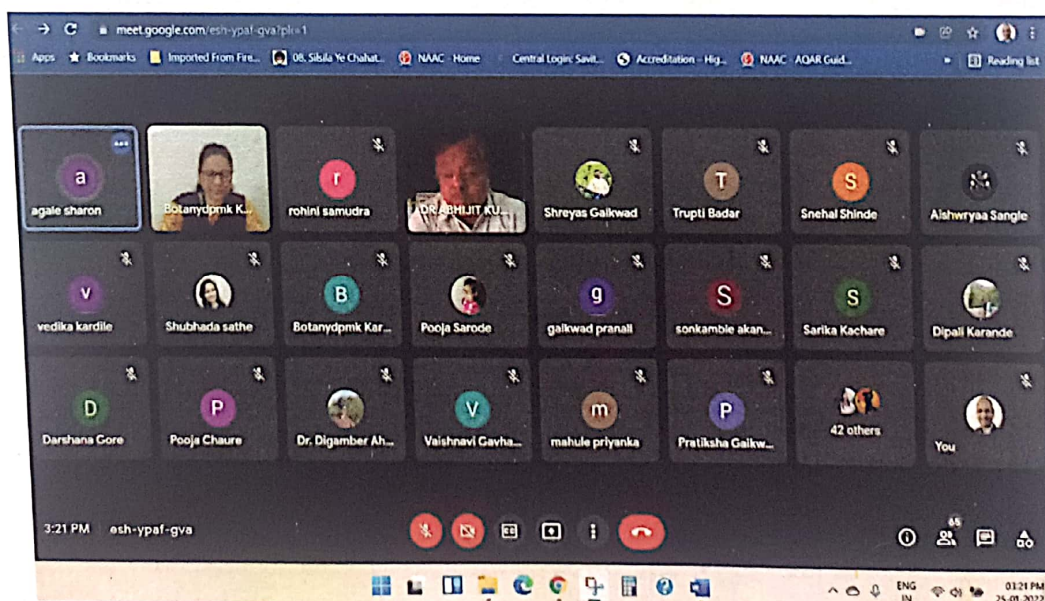

I/C PRINCIPAL
Dada Patil Mahavidyalaya
Karjat, Dist.Ahmednagar

Rayat Shikshan Sanstha's
DADA PATIL MAHAVIDYALAYA, KARJAT, AHMEDNAGAR.
 DEPARTMENT OF BOTANY & IQAC
 Guest Lecture Under
FACULTY AND STUDENT Exchange Program

Inauguration Session



Hon. Dr. S. A. Kulkarni, Head, Department of Botany Inaugurating the Event and Addressing the Participants

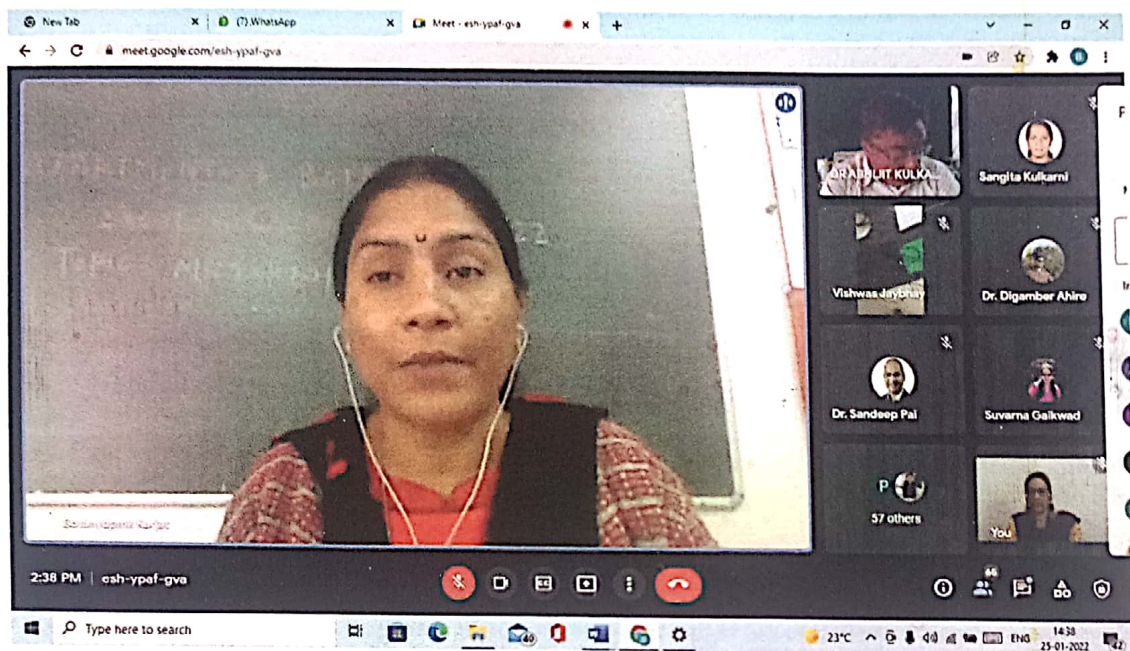


Participation of students of T.Y. and M. Sc. of Ahmednagar College, Ahmednagar, Dada Patil Mahavidyalaya and NewArts, Commerce and Science College, Ahmednagar

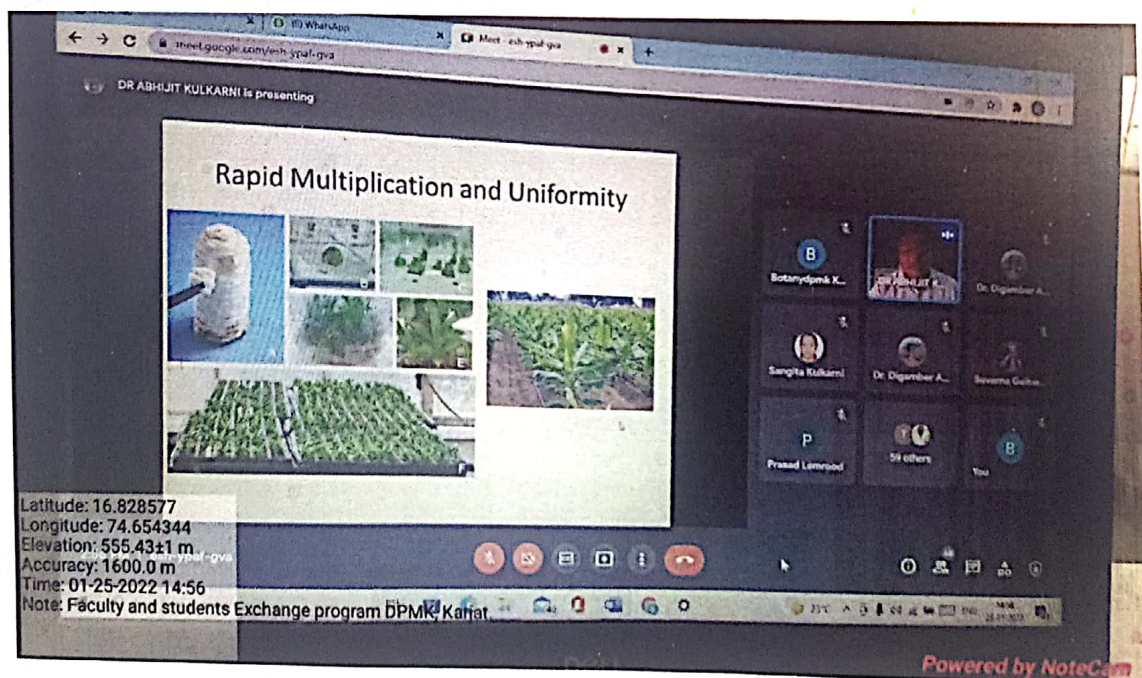
On 25th January 2022 Organized by Department of Botany & IQAC DPMK, MS, India.

Rayat Shikshan Sanstha's
DADA PATIL MAHAVIDYALAYA, KARJAT, AHMEDNAGAR.
DEPARTMENT OF BOTANY & IQAC
Guest Lecture Under
FACULTY AND STUDENT Exchange Program

Plenary Session -I



Prof. A. B. Kadam Introduce the Speaker of First Plenary Session

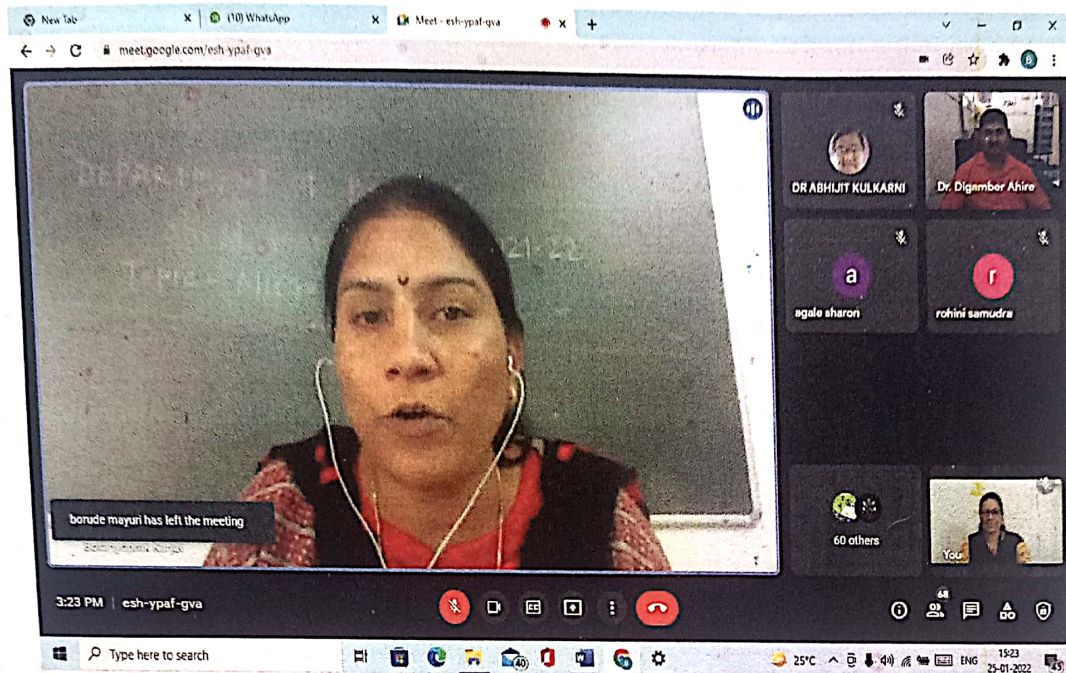


Professor, Dr. Abhijit A. Kulkarni delivering 1st lecture on: - "Introduction to Plant Biotechnology"

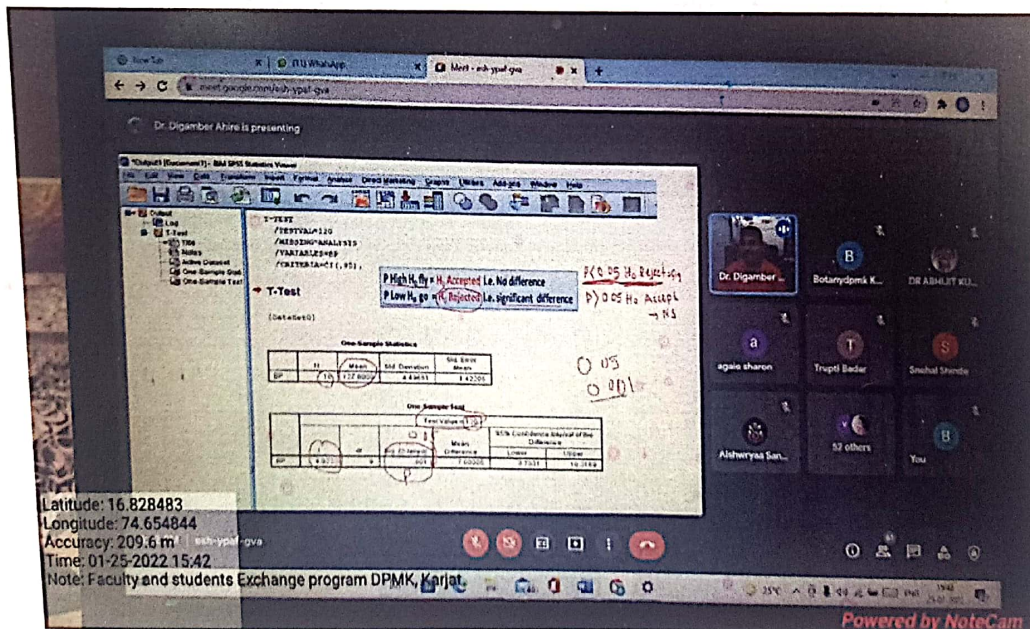
On 25th January 2022 Organized by Department of Botany & IQAC DPMK, MS, India.

Rayat Shikshan Sanstha's
DADA PATIL MAHAVIDYALAYA, KARJAT, AHMEDNAGAR.
 DEPARTMENT OF BOTANY & IQAC
 Guest Lecture Under
FACULTY AND STUDENT Exchange Program

Plenary session -II



Prof. A. B. Kadam Introduce the Speaker of Second Plenary Session



Dr. Digambar D. Ahire, delivering 2nd lecture on: -" Introduction to SPSS Software"

On 25th January 2022 Organized by Department of Botany & IQAC DPMK, MS, India.

Rayat Shikshan Sanstha's
DADA PATIL MAHAVIDYALAYA, KARJAT, AHMEDNAGAR.
 DEPARTMENT OF BOTANY & IQAC
 Guest Lecture Under
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Guest Lectures

DR ABHIJIT KULKARNI is presenting

What is Plant Biotechnology

- Plant biotechnology can be defined as the use of tissue culture and genetic engineering techniques to produce genetically modified plants that exhibit new or improved desirable characteristics
- Or
- Plant biotechnology can be defined as the introduction of desirable traits/characters into plants through genetic modification

Why it is Possible ?

- Totipotency : the genetic potential of a plant cell to entire plant.

Dr. Abhijit A. Kulkarni is delivering the 1st lecture on: - "Introduction to Plant Biotechnology"

Professor, Dr. Abhijit A. Kulkarni delivering 1st lecture on: - "Introduction to Plant Biotechnology"

Dr. Digamber Ahire is presenting

Statistics :

Statistics may be defined as the **Collection, Classification, presentation, analysis** and **interpretation** of Numerical data (Croxtan and Cowden).

Biostatistics :

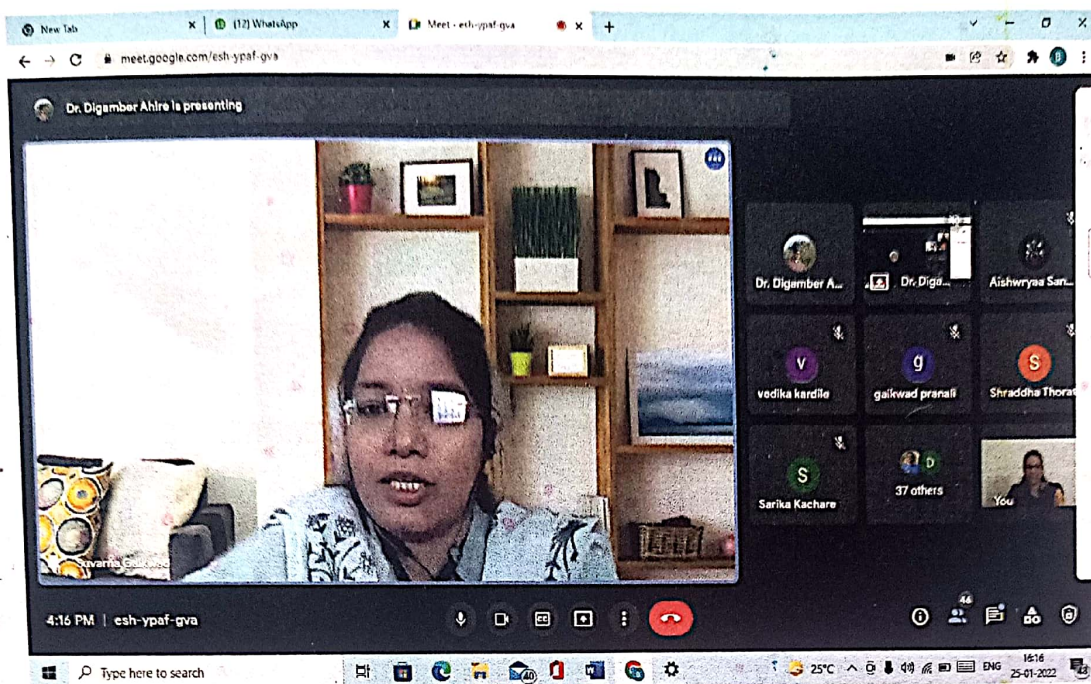
The statistical Methods applied to **biological problems** is called biostatistics

Dr. Digamber D. Ahire, delivering 2nd lecture on: - "Introduction to SPSS Software"

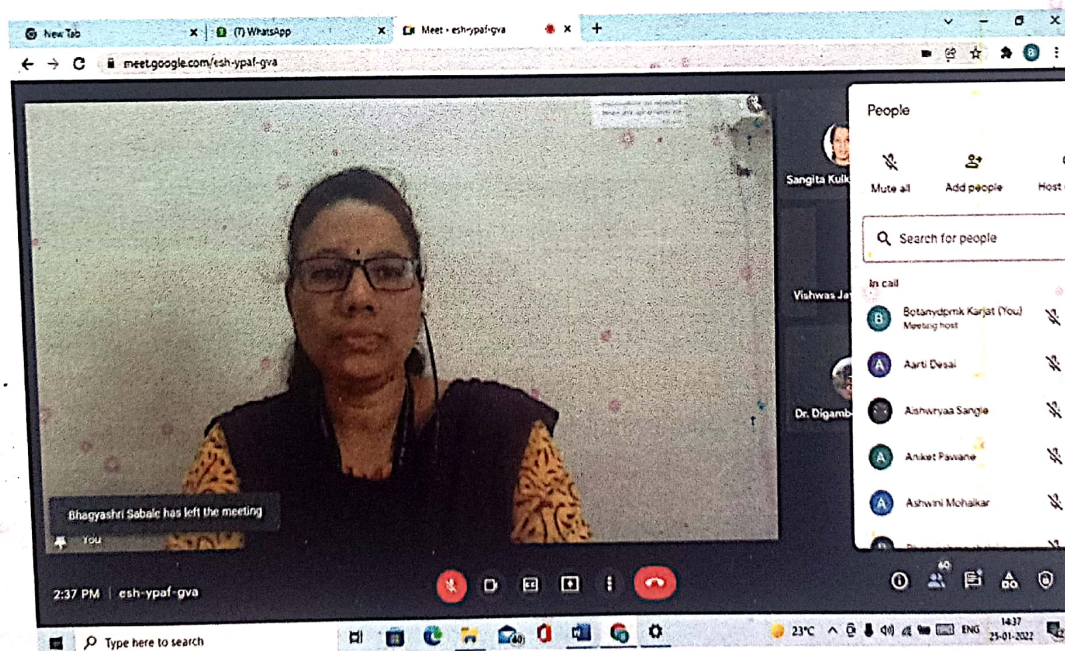
Dr. Digamber D. Ahire, delivering 2nd lecture on: - "Introduction to SPSS Software"

On 25th January 2022 Organized by Department of Botany & IQAC DPMK, MS, India.

Rayat Shikshan Sanstha's
DADA PATIL MAHAVIDYALAYA, KARJAT, AHMEDNAGAR.
DEPARTMENT OF BOTANY & IQAC
Guest Lecture Under
FACULTY AND STUDENT Exchange Program



Ms. Suvarna Gaikwad Delivered Vote of Thanks



Dr. Pratishtha Nagane coordinated and Anchored the Program

On 25th January 2022 Organized by Department of Botany & IQAC DPMK, MS, India.



Rayat Shikshan Sanstha's

Dada Patil Mahavidyalaya, Karjat, Dist. Ahmednagar

NAAC reaccruited 'A' Grade (3.07 CGPA)

Faculty & Student Exchange Program

on 25th January 2022 on 2.30 p.m. Onwards

Department of Botany in Collaboration with IQAC, is organizing, online, one day Guest lecture program for T. Y. & M. Sc. Students, to motivate, encourage and add a knowledge bridge between students and teachers between Ahmednagar College, Ahmednagar, New Arts, Commerce & Science College & Dada Patil Mahavidyalaya, Dist. Ahmednagar. The program will benefit the Undergraduate and Postgraduate students.

Timing	Resource Person	Topic
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3.15 - 4.00 p.m.	Dr. Digambar D. Ahire, Assistant Professor, Department of Botany, New Arts, Commerce and Science, college.	Introduction to SPSS Software

Google Meet- meet.google.com/esh-ypaf-gva

Organized by:

Department of Botany and IQAC, Rayat Shikshan Sanstha's Dada Patil Mahavidyalaya, Karjat, Dist. Ahmednagar

Members :- Dr. A. B. Kadam, Ms. S. V. Galkwad, Dr. D. S. Wadavkar, Mr. N. K. Patil, Ms. A. M. Mulay

Co-Ordinator
Dr. P. N. Nagane

Head, Dept. of Botany,
Dr. S. A. Kulkarni

IQAC Coordinator,
Dr. S. R. Pal

Principal
Dr. Sanjay Nagarkar

Contact - Dr. (Mrs.) P. N. Nagane (7756853904).
Department of Botany, Dada Patil Mahavidyalaya, Karjat 414402. Email: botanydpnkl@gmail.com



Rayat Shikshan Sanstha's
Dada Patil Mahavidyalaya, Karjat, Dist.-Ahmednagar
Department of Botany & IQAC,
Organizes
Guest Lecture
Under

"Faculty and Student Exchange Program"

On 25th January 2022, 2.30 onwards

Program Schedule

INAUGURATION

- **Welcome and Introduction:** Dr. S. A. Kulkarni
(HoD, Dept. of Botany, DPMK)
- **Introduction of Speaker:** A. B. Kadam
(Ass. Prof. Dept. of Botany, DPMK)
- **Speaker: Prof. Dr. Abhijit A. Kulkarni**
 - M.Sc. Ph. D
Department of Botany,
Ahmednagar College, Ahmednagar
- **Introduction of Speaker:** A. B. Kadam
(Ass. Prof. Dept. of Botany, DPMK)
- **Speaker: Dr. Digambar D. Ahire**
 - M.Sc. Ph. D.
Department of Botany,
New Arts Commerce and Science College,
Ahmednagar.
- **Vote of thanks:** Ms. S. V. Gaikwad
(Ass. Prof. Dept. of Botany, DPMK)
- **Anchor:** Dr. P. N. Nagane
(Co-ordinator)

➤ Google Meet-  meet.google.com/esh-ypaf-gva


Head

Department of Botany
Dada Patil Mahavidyalaya, Karjat

To,

The Principal,
Rayat Shikshan Sanstha's,
Dada Patil Mahavidyalaya,
Karjat, Dist. Ahmednagar.

Sub: Guest lecture under **"Faculty and Student Exchange Program"**

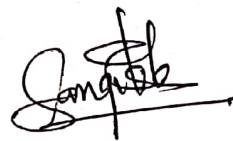
Respected Sir,

This is with reference to the above subject, Department of Botany along with IQAC, Dada Patil Mahavidyalaya, Karjat, will be organizing a one-day Guest lecture under, **"Faculty and Student Exchange Program"**. The program is aimed to target our PG students and faculty to provide an understanding about the different aspects of Botany.

The program is proposed to be organized on 25th January, 2022 with the distinguished speakers Prof. Dr. Abhijit A. Kulkarni, Department of Botany, Ahmednagar College, Ahmednagar and Dr. Digambar D. Ahire, Assi. Prof. Department of Botany, New Arts Commerce and Science College, Ahmednagar. Kindly permit us for the same.

Thanking you,

Sincerely,



Head

Head
Department of Botany

Dada Patil Mahavidyalaya, Karjat

Place: Karjat, Ahmednagar.

Date: 20/01/2022

 <p>I/C Principal Dr. Nagarkar S.P. M.A., M.Phil, Ph.D., SET</p>	<p>Rayat Shikshan Sanstha's Estd: 1964</p> <p>DADA PATIL MAHAVIDYALAYA</p> <p>Karjat, Dist A'nagar- 414402 (M.S.)</p> <p>Arts, Science & Commerce</p> <p>FOUNDER:-Padmabhushan Dr.Karmaveer Bhaurao Patil</p> <p>Website : www.dpcollege.in</p> <p>Savitribai Phule Pune University Best College Award (2004-05)</p> <p>Rayat Mauli Purskar (2005-06)</p>	<p>NAAC ACCREDITED (3rd Cycle)</p> <p>'A' (CGPA 3.07)</p> <p>Jr. College HSC</p> <p>Board Code No. J12.03.001</p> <p>PU/AN/ASC/06/1964</p> <p>STD Code : (02489)</p> <p>☎ office : 222534</p> <p>Fax : 223923</p> <p>Email : dpcollege@yahoo.co.in</p>
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Ref. No. - 514/2021-22

Date-19/01/2022.

Invitation Letter

To,
Prof. Dr. Abhijit A. Kulkarni,
Department of Botany,
Ahmednagar College, Ahmednagar, (MS.) India.

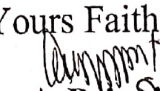
Respected Sir,

We would like to invite you as a **Resource Person** for the "Faculty and Student Exchange Program" organized by the Department of Botany of our college. We are requesting you to discuss some important aspects of the "Scope of plant Biotechnology".

Date and Time of Lecture: Tuesday, 25th January 2022.
Time: 2.30 p.m.-3.15 pm.

Thank You.



Yours Faithfully,

I/C **Principal**,
Dada Patil Mahavidyalaya,
Karjat, Dist.- Ahmednagar.

 <p>I/C Principal Dr. Nagarkar S.P. M.A., M.Phil, Ph.D., SET</p>	<p style="text-align: right;">Estd: 1964</p> <p style="text-align: center;">Rayat Shikshan Sanstha's DADA PATIL MAHAVIDYALAYA Karjat, Dist A'nagar- 414402 (M.S.) Arts, Science & Commerce FOUNDER:-Padmabhushan Dr.Karmaveer Bhaurao Patil Website : www.dpcollege.in</p> <p style="text-align: center;">Savitribai Phule Pune University Best College Award (2004-05) Rayat Mauli Purskar (2005-06)</p>	<p>NAAC ACCREDITED (3rd Cycle) 'A' (CGPA 3.07)</p> <p>Jr. College HSC Board Code No. J12.03.01 PU/AN/ASC/06/1964 STD Code : (02489) ☎ office : 222534 Fax : 223923 Email : dpcollege@yahoo.co.in</p>
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APPRECIATION LETTER

To,
Dr. Abhijit A. Kulkarni,
Professor,
Department of Botany,
Ahmednagar College, Ahmednagar, (MS.) India.

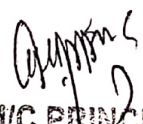
Respected Sir,


We are thankful for your presence as a Resource Person for the **"Faculty and Student Exchange Program"** organized by the Department of Botany of our college on 25th January 2022. Your expert lecture on the topic **"Scope of Plant Biotechnology"** is very beneficial to our students.

Thank you.

Yours Faithfully,




I/C PRINCIPAL
Dada Patil Mahavidyalaya,
Karjat, Dist. Ahmednagar

 Rayat Shikshan Sanstha's DADA PATIL MAHAVIDYALAYA Karjat, Dist A'nagar- 414402 (M.S.) Arts, Science & Commerce FOUNDER:-Padmabhushan Dr.Karmaveer Bhaurao Patil Website : www.dpcollege.in Savitribai Phule Pune University Best College Award (2004-05) Rayat Mauli Purskar (2005-06)	Estd: 1964 NAAC ACCREDITED (3rd Cycle) 'A' (CGPA 3.07) Jr. College HSC Board Code No. J12.03.001 PU/AN/ASC/06/1964 STD Code : (02489) office : 222534 Fax : 223923 Email : dpcollege@yahoo.co.in
	C Principal Nagarkar S.P. M.Phil, Ph.D., SET

Ref. No. - 515 | 2021-2022.

Date-19/01/2022.

Invitation Letter

0,
r. Digambar D. Ahire,
 Department of Botany,
 New Arts Commerce and Science College,
 Ahmednagar, (MS.) India.

Respected Sir,

We would like to invite you as a **Resource Person** for the "Faculty and Student Exchange Program" organized by the Department of Botany of our college. We are requesting you to discuss some important aspects of "Introduction to SPSS Software".

Date and Time of Lecture: Tuesday, 25th January 2022.

Time: 3.15 p.m.-4.00 p.m.

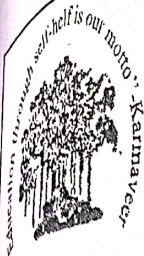
Thank You.

Yours Faithfully,



I/C **Principal,**

Dada Patil Mahavidyalaya,
 Karjat, Dist.-Ahmednagar.



I/C Principal
Dr. Nagarkar S.P.
M.A., M.Phil, Ph.D.,
SET

Rayat Shikshan Sanstha's Estd: 1964

DADA PATIL MAHAVIDYALAYA

Karjat, Dist A'nagar- 414402 (M.S.)

Arts, Science & Commerce

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Email :

dpcollege@yahoo.co.in

Refe. No. -

Date: - 25-01-2022

APPRECIATION LETTER

To,
Dr. Digambar D. Ahire,
Assistant Professor,
Department of Botany,
New Arts Commerce and Science College,
Ahmednagar, (MS.) India.

Respected Sir,

We are thankful for your presence as a Resource Person for the "faculty and Student Exchange Program" organized by the Department of Botany of our college on 25th January 2022. Your expert lecture on the topic "Introduction to SPSS Software" is very beneficial to our students.

Thank you.

Yours Faithfully,

I/C PRINCIPAL

Dada Patil Mahavidyalaya
Karjat, Dist.Ahmednagar





Rayat Shikshan Sanstha's
DADA PATIL MAHAVIDYALAYA KARJAT, DIST. AHMEDNAGAR.
DEPARTMENT OF BOTANY AND IQAC

organises
Guest Lecture

Under

"Faculty and Student Exchange Program"

On 25th January 2022, 2.30 onwards

ONLINE INVITATION

Dear, Research Scholars and Students,

🌿🌿 Greetings from Rayat Shikshan Sanstha's, Dada Patil Mahavidyalaya, Karjat, Dist – Ahmednagar, Maharashtra, India. 🌿🌿

It's our immense pleasure to inform you that, the Department of Botany along with IQAC of our college is organizing **Guest Lecture Under, "Faculty and Student Exchange Program"** with Ahmednagar College, Ahmednagar, (MS.) India and New Arts Commerce and Science College, Ahmednagar, (MS.) India.



31 25th January, 2022

INVITED SPEAKERS

*** 1: Dr. Abhijit A. Kulkarni,**
Professor, Department of Botany,
Ahmednagar College, Ahmednagar, (MS.) India.

Topic:- "Scope of Plant Biotechnology"

Time: 2:30 pm to 3:15 pm IST

*** 2: Dr. Digambar D. Ahire,**
Assistant Professor, Department of Botany,
New Arts Commerce and Science College, Ahmednagar, (MS.) India.
Time: 3.15 pm to 4.00 pm IST

Topic:- "Introduction to SPSS Software"

Time: 2:30 pm to 3:30 pm IST

👉 open to all.

👉 Link to Join Google meet- meet.google.com/esh-ypaf-gva



***Chief patron:**

Dr. Sanjay P. Nagarkar, *

I/C Principal, Dada Patil Mahavidyalaya, Karjat, Ahmednagar, (MS) India.

Dr. S. R. Pai,

IQAC- Coordinator, Dada Patil Mahavidyalaya, Karjat, Ahmednagar, (MS) India.

Dr. S. A. Kulkarni,

HoD, Department of Botany, Dada Patil Mahavidyalaya, Karjat, Ahmednagar, (MS) India.

Dada Patil Mahavidyalaya, Karjat, Ahmednagar, (MS) India.

Coordinator:

Dr. P. N. Nagane

Organizing Committee Members:

Dr. A. B. Kadam

Ms. S. V. Gaikwad

Dr. D. S. Wadavkar

Mr. N. K. Patil

Ms. A. M. Mulay



Singh

Head

Department of Botany
Dada Patil Mahavidyalaya, Karjat



Principal
Major Prof. R. S.
Dubal
M.Sc., M.Phil., Ph.D.

"Education through self-help is our motto" Karmaveer



Estd. 1961

Rayat Shikshan Sanstha's

**RAJARSHI CHHATRAPATI SHAHU
COLLEGE, KOLHAPUR**

Kadamwadi Road, Kolhapur - 416 003, Maharashtra

NAAC Reaccredited 'A' (with CGP 3.07)

Phone No. 0231-2654658

E-mail: klpshahuacol@gmail.com Website: www.rchshahucollege.in



Ref. No. 1239/2421-2

Date: 7 / 3 / 2022

To,
Dr. Pratishtha Nitin Nagane
Assistant Professor,
PG. Department of Botany,
Dada Patil Mahavidyalaya, Karjat, Dist-Ahmednagar-414402

Subject:- Invitation as a Subject Expert for oral presentation of two days Online International Conference on "Advances in Science and Technology (ICAST-2022)", scheduled on 9th and 10th March, 2022.

Dear Sir,

It gives us a great pleasure to inform you that we have organized a two day Online International Conference on "Advances in Science and Technology (ICAST-2022)", scheduled on 9th and 10th March 2022. On this occasion, we shall consider it a great honor of inviting you to this conference as a Subject Expert for Oral Presentation. We have arranged oral presentation session on 9th March 2022 at 2.30 p.m. to 4.30 p.m..

We will be grateful to you, if you could accept our invitation as a Subject Expert _____ for oral Presentation.

Thanking you,




Your Faithfully,

Dr. K. V. Gaikwad
Convener



**I/C PRINCIPAL
R.C. SHAHU COLLEGE
KOLHAPUR**



	<p>"Education through self-help is our motto" Karmaveer</p>  <p>Estd : 1961 Rayat Shikshan Sanstha's RAJARSHI CHHATRAPATI SHAHU COLLEGE, KOLHAPUR Kadamwadi Road, Kolhapur - 416 003, Maharashtra NAAC Reaccredited 'A' (with CGP 3.07) Phone No. 0231-2654658 E-mail: klpshahucol@gmail.com Website: www.rshahucollege.in</p>	
<p>Principal Major Prof. R. S. Dubal M.Sc., M.Phil., Ph.D.</p>		<p>Ref. No. 1277 Date: 15/03/2022</p>

To,
Dr. Pratishtha N. Nagane
Assistant Professor,
Department of Botany,
Dada Patil Mahavidyalay Karjat
Dist- Ahmednagar.

Subject - Invitation for " Guest lecture"

Respected Madam,

It gives me immense pleasure to invite you as Guest lecture on "Plant Biochemistry" on 19th March 2022 Saturday at 12.30pm onwards for B.Sc-III students of Botany.

Thanking you, with anticipation

Yours Sincerely

Dubal



Principal,
Rajarshi Chhatrapati Shahu College
Kolhapur



Principal
Maj. Prof. R. S. Dubal
M.Sc., M.Phil., Ph.D.

"Education through self-help is our motto" Karmaveer



Estd. 1961

Rayat Shikshan Sanstha's
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Ref. No. 1297

Date: 19/03/2022

To,
Dr. Pratishtha N. Nagane
Assistant Professor,
Department of Botany,
Dada Patil Mahavidyalaya, Karjat,
Dist.-Ahmednagar.

Subject: Letter of Thanks.

Respected Madam,

We are very much thankful to you madam for sparing your valuable time with us and delivering nice lectures on "Plant Biochemistry" for B. Sc. III students on 19 March 2022 Saturday at 12:30pm. Madam, we assure you that your valuable guidance to students will definitely help them to focus to appear the examination and making their career.

Thanking you,



Yours Faithfully,

R. S. Dubal

I/C PRINCIPAL
R.C. SHAHU COLLEGE
KOLHAPUR





ज्ञान, विज्ञान आणि सुसंस्कार यासाठी शिक्षणप्रसार" शिक्षणमहर्षी डॉ. बापूजी साळुंके
Shri Swami Vivekanand Shikshan Sanstha, Kolhapur's
SHIKSNANMAHARSHI DR. BAPUJI SALUNKHE COLLEGE, MIRAJ

Tal.- Miraj, Dist.- Sangli (M.S.) Pin - 416 410

Govt. Sanction No. Education & Social Welfare Dept. Notification No. UKF 5765-U, Dated 27-08-1965
Permanently affiliated to Shivaji University, Kolhapur

NAAC Accredited with CGPA of 2.89 on a seven point scale at B++ Grade
Junior College Code No : J.22.08.003

E-mail- smdbscmiraj@rediffmail.com • Website :www. smdbscmiraj.in • (Off.) 0233- 2232181 (Resi) : 0233- 2329850 •

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SECRETARY
Prin. Sou. Shubhangi M. Gawade
M.Sc., B.Ed.

I/C PRINCIPAL
Dr. J. L. Bhosale
M.Sc., Ph.D.

Ref. No./453/2022-23
Date : 9 April 2022

To
Dr. Pratishtha N. Nagane
Assistant Professor
Department of Botany
Dada Patil Mahavidyalaya, Karjat,
Ahmednagar

Subject : Invitation as a Resource Person

Respected Madam,

It gives us an immense pleasure to invite you as a Resource Person to deliver the lecture on "Economic Botany- Spices and Condiments" to B.Sc. III Students on Saturday 16th April 2022 at 11.30 am.

Thanking you,

With warm regards

Miraj
Prof. (Dr) Vijaykumar Patil
HEAD

DEPARTMENT OF BOTANY
S. M. Dr. Bapuji Salunkhe College
MIRAJ (SANGLI)





ज्ञान, विज्ञान आणि सुसंस्कार यांच्याशी शिक्षणप्रसार - शिक्षणमहर्षी डॉ. बापूजी सलुंके
Shri Swami Vivekanand Shikshan Sanstha, Kolhapur's
SHIKSHANMAHARSHI DR. BAPUJI SALUNKHE COLLEGE, MIRAJ
Tal.- Miraj, Dist.- Sangli (M.S.) Pin - 416 410

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Prin. Abhaykumar Salunkhe
MA

SECRETARY
Prin. Sou. Shubhangi M. Gawade
M Sc. B Ed

I/C PRINCIPAL
Dr. J. L. Bhosale
M Sc., Ph.D.

Ref. No./465/2022-23

Date : 16 April 2022

To
Dr. Pratishtha N. Nagane
Assistant Professor
Department of Botany
Dada Patil Mahavidyalaya, Karjat,
Ahmednagar

Subject : Appreciation Letter

Respected Madam,

Thank you for delivering and informative lecture as a guest speaker on
"Economic Botany- Spices and Condiments" to B.Sc. III Students on Saturday
16th April 2022 at 11.30 am.

I was really appreciated and got benefited the students on above subject.

Looking forward for your kind cooperation in future.

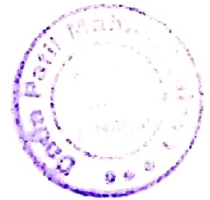
Thanking you,

Your Sincerely,

Vijaykumar Patil
Prof. (Dr) Vijaykumar Patil

HEAD

DEPARTMENT OF BOTANY
S. M. Dr. Bapuji Salunkhe College
MIRAJ (SANGLI)





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Principal

Dr. D. G. Kanase
M.Sc., Ph.D.

P.O. Box No. 74, Sangli - 416 416 Ph. : 0233-2535229, Fax : 2535993

E-mail : bvpkc_sangli@yahoo.co.in, dgkanase@gmail.com

Website : www.dpkmsangli.bharativedyapeeth.edu

Celebrating



and Beyond
Bharati Vidyapeeth
Founder: Hon'ble Dr. Patangrao Kadam

Accredited with B⁺⁺ Grade
by NAAC (3rd Cycle)

Ref. No. : BV/PKMS/ 81 /2021 -2022

Date : 21/04/2022

Dr. Pratishtha N. Nagane

Assistant Professor,

Department of Botany,

Dada Patil Mahavidyalaya, Karjat,

Ahmednagar.

Subject: Invitation as a Resource Person...

Madam,

It gives us an immense pleasure to invite you as Resource Person to deliver the lecture on "Herbal Drug Technology – Pharmacognosy" to B. Sc. III student on Monday, 2nd May 2022 at 11.30 a.m.

Thanking you.

(Signature)
(Dr. D. G. Kanase)

PRINCIPAL

Dr. Patangrao Kadam Mahavidyalaya
Sangli-416416.(Sangliwardi.)





"Social Transformation Through Dynamic Education"

Bharati Vidyapeeth's

Dr. Patangrao Kadam Mahavidyalaya, Sangli

Founder :

Dr. Patangrao Kadam
M.A., LL.B., Ph.D

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E-mail : bvpkc_sangli@yahoo.co.in, dgkanase@gmail.com

Website : www.dpkmsangli.bharativedyapeeth.edu

Celebrating



and Beyond

BHARATI VIDYAPEETH

Founder Honble Dr. Patangrao Kadam

Accredited with B++ Grade
by NAAC 3rd Cycle.

Ref. No. : BV/PKMS/ 81 /2021 -2022

Date : 28/04/2022

Dr. Pratishtha N. Nagane,

Assistant Professor,

Department of Botany,

Dada Patil Mahavidyalaya, Karjat,

Ahmednagar.

Subject: Appreciation Letter...

Madam,

Thank you for delivering and informative lecture as a guest speaker on "Herbal Drug Technology – Pharmacognosy" to B. Sc. III student on Monday, 2nd May 2022 at 11.30 a.m. It was really appreciated and got benefited to the on above subject. Looking forward for your kind cooperation in future.

Thanking you.

(Dr. V. B. Awale)

HEAD

Department of Botany
Dr. Patangrao Kadam Mahavidyalaya,
SANGLI-416 416.





Rayat Shikshan Sanstha's
DADA PATIL MAHAVIDYALAYA, KARJAT,
Dist-Ahmednagar.

DEPARTMENT OF ZOOLOGY

FIELD VISIT NOTICE

Date: 02/02/2022.

All the students of T.Y.B.Sc, M.Sc. I and M.Sc. II Zoology are hereby informed that, on the occasion of **World Wetland Day** (2nd February, 2022), our Department is going to organize a field visit to Ujani wetlands to observe wetland biodiversity on 4th February, 2022. All the registered students should present in the college campus at 7:45 am sharp.

Important Instructions:

1. All students should have college identity card and a diary with pen.
2. Students come with cap, shoes (suitable for wetland walk), water bottle, Eco-friendly dressing (preferably college Dress code) , Camera, Binocular and lunch.
3. All students should follow COVID-19 instructions.


Visit In-charge




Head

Department of Zoology,
Dada Patil Mahavidyalaya,
Karjat, Dist- Ahmednagar.

PERMISSION LETTER

Department of Zoology

Date- 03/02/2022

To,
The Principal,
Dada Patil Mahavidyalaya,
Tal. Karjat. Dist. Ahmednagar.

Subject - Permission for one day Field visit to Ujani Wetlands

Respected Sir,

As per Savitribai Phule Pune University syllabus, the field visit is compulsory for students of T.Y.B.Sc., M.Sc. I and M.Sc. II Zoology students. Therefore Department of Zoology is willing to arrange one day field visit at Diksal and Kondhar Chincholi (Ujani Wetland sites) on the occasion of World Wetland Day on 04/02/2022. Please kindly sanction the permission.


Thanking You.

Yours Faithfully.


Tour In-charge


Sanctioned




Head
Department of Zoology
Dada Patil Mahavidyalaya,
Karjat, Dist- Ahmednagar

Rayat Shikshan Sanstha's
DADA PATIL MAHAVIDYALAYA, KARJAT, Dist. Ahmednagar

WORLD WETLAND DAY (2ND FEBRUARY, 2022)

(Wetlands Action for People and Nature)

FIELD VISIT FOR T.Y.B.Sc./ M.Sc.I and M.Sc. II Students

STUDENT LIST (UG)

Sr. No.	Name of the Student	Class
1	Sarode Priti Sahebrao	T.Y.B.Sc.
2	Shelar Rutuja Ravindra	T.Y.B.Sc.
3	Jadhav Shraddha Dattatray	T.Y.B.Sc.
4	Tarate Dnyaneshwari Suresh	T.Y.B.Sc.
5	Gavali Vaishnavi Jyotiram	T.Y.B.Sc.
6	More Gayatri Bhimrao	T.Y.B.Sc.
7	Pandit Gauri Subhash	T.Y.B.Sc.
8	Shaikh Irphana Baba	T.Y.B.Sc.
9	Shelke Vrushali Kisan	T.Y.B.Sc.
10	Dhobe Sayali Shivaji	T.Y.B.Sc.
11	Doltade Rutuja Arjun	T.Y.B.Sc.
12	Fartade Harshada Babasaheb	T.Y.B.Sc.
13	Kale Priyanka Parshuram	T.Y.B.Sc.
14	Talekar Jyoti Bhausahab	T.Y.B.Sc.
15	Kale Rutuja Bibhishan	T.Y.B.Sc.
16	Bagal Amrut Mohan	T.Y.B.Sc.
17	Halnawar Vinod Shivaji	T.Y.B.Sc.
18	Pimpale Sourabh Bapu	T.Y.B.Sc.
19	Dadar Pooja Ashok	T.Y.B.Sc.



STUDENT LIST (PG)

Sr. No.	Name of the Student	Class
20	Ukirde Shamal Satish	M.Sc. I
21	Karale Ankita Vinod	M.Sc. I
22	Jogdand Komal Ashok	M.Sc. I
23	Shaikh Sania Mustak	M.Sc. I
24	Chormale Shubham Balasaheb	M.Sc. I
25	Bandal Nikhil Ramchandra	M.Sc. I
26	Pawar Kiran Balasaheb	M.Sc. I
27	Thorat Harshali Chandralkant	M.Sc. I
28	Sarode Tejas Kailash	M.Sc. II
29	Jagtap Asha Laxman	M.Sc. II
30	Chavan Jyoti Vaniram	M.Sc. II
31	Kangude Sonali Sanjay	M.Sc. II
32	Ghodake Snehal Sudam	M.Sc. II

Faculties:

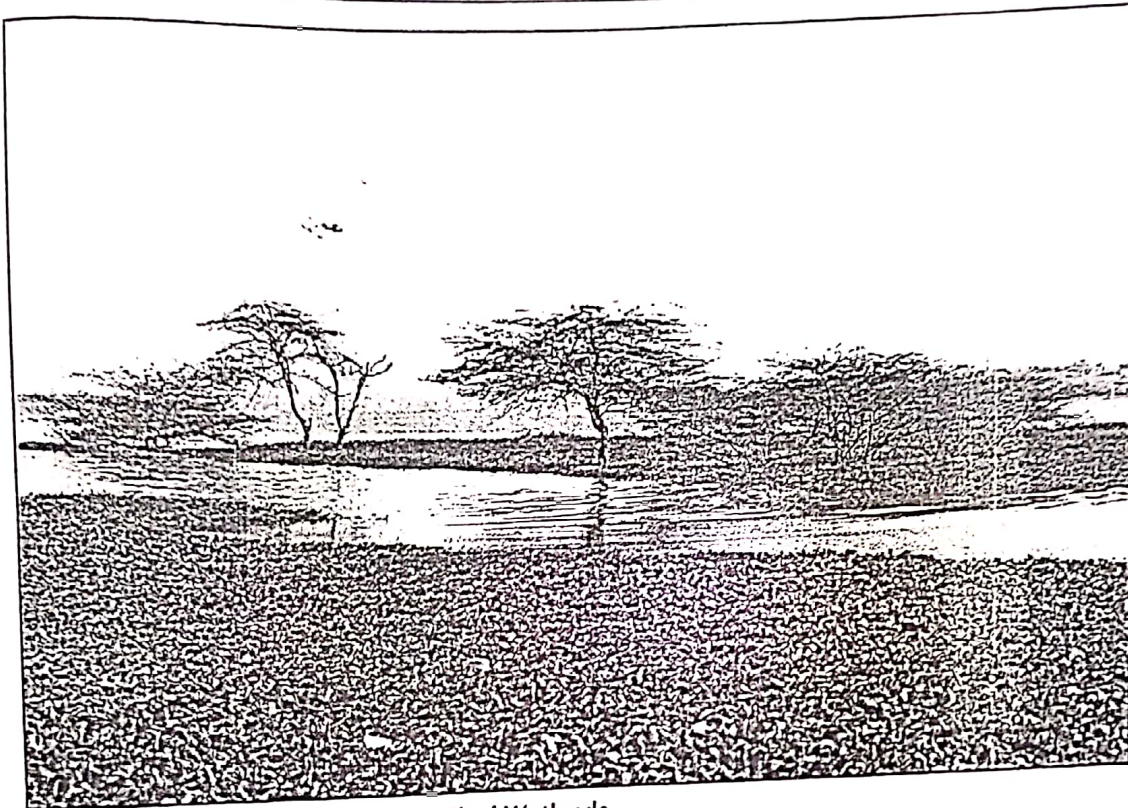
Sr, No.	Name of the Faculty	Designation
1	Dr. S.L.Pawar	Head
2	Mr. D.S.Kumbhar	Visit Incharge
3	Dr. P.A.Pawar	Member
4	Dr. S.S.Patil	Member
5	Ms. A.V.Bedre	Member
6	Ms. Shaikh M.I.	Member
7	Ms. T.C.Kulkarni	Member


Dr. S.L.Pawar

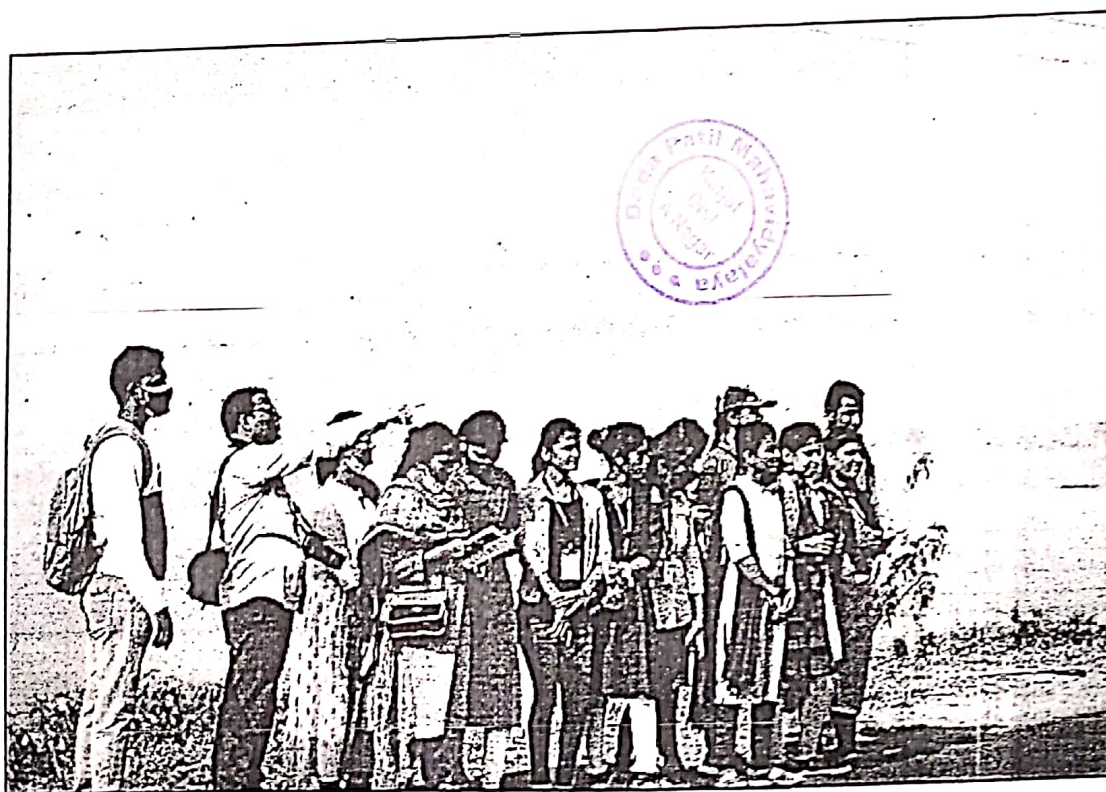
Head, Dept. of Zoology



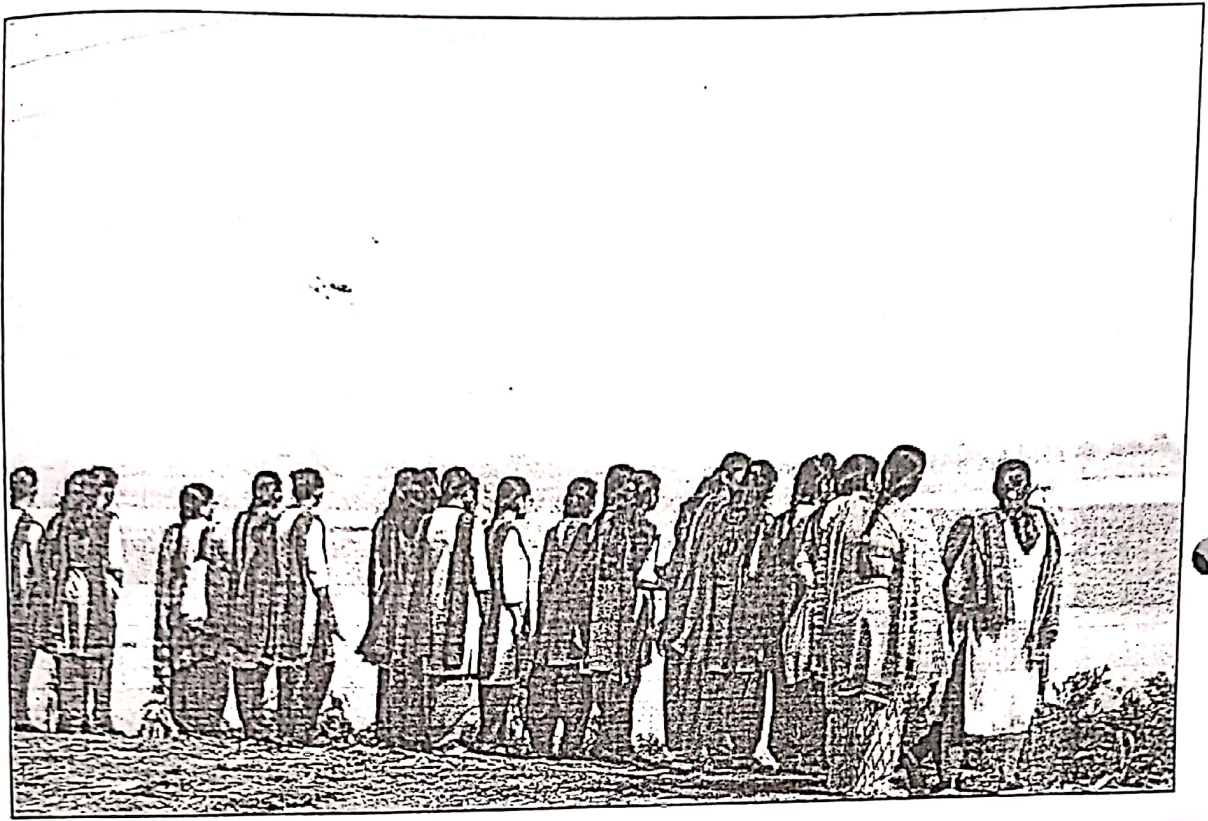
WORLD WETLAND DAY (2ND FEBRUARY, 2022)
(Visit to Ujani Wetlands (Diksal & Kondhar Chincholi)
04/02/2022)

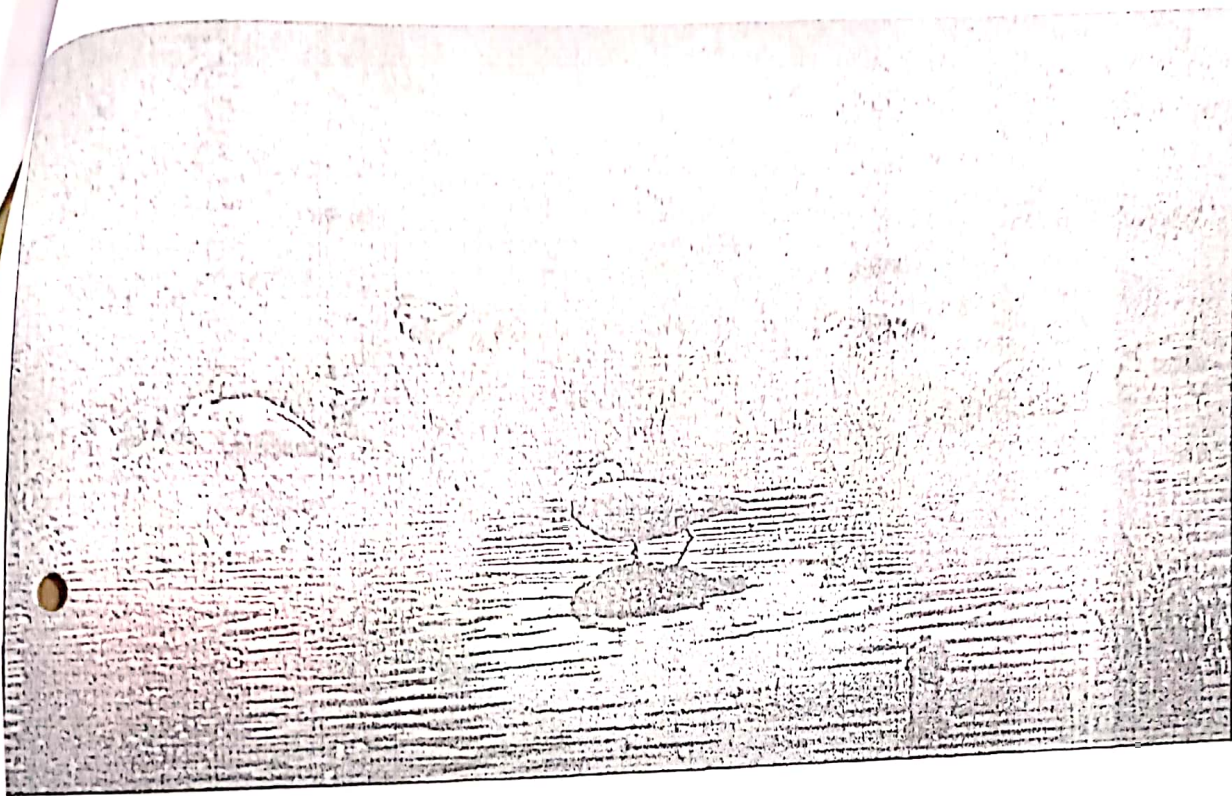


Ujani Wetlands

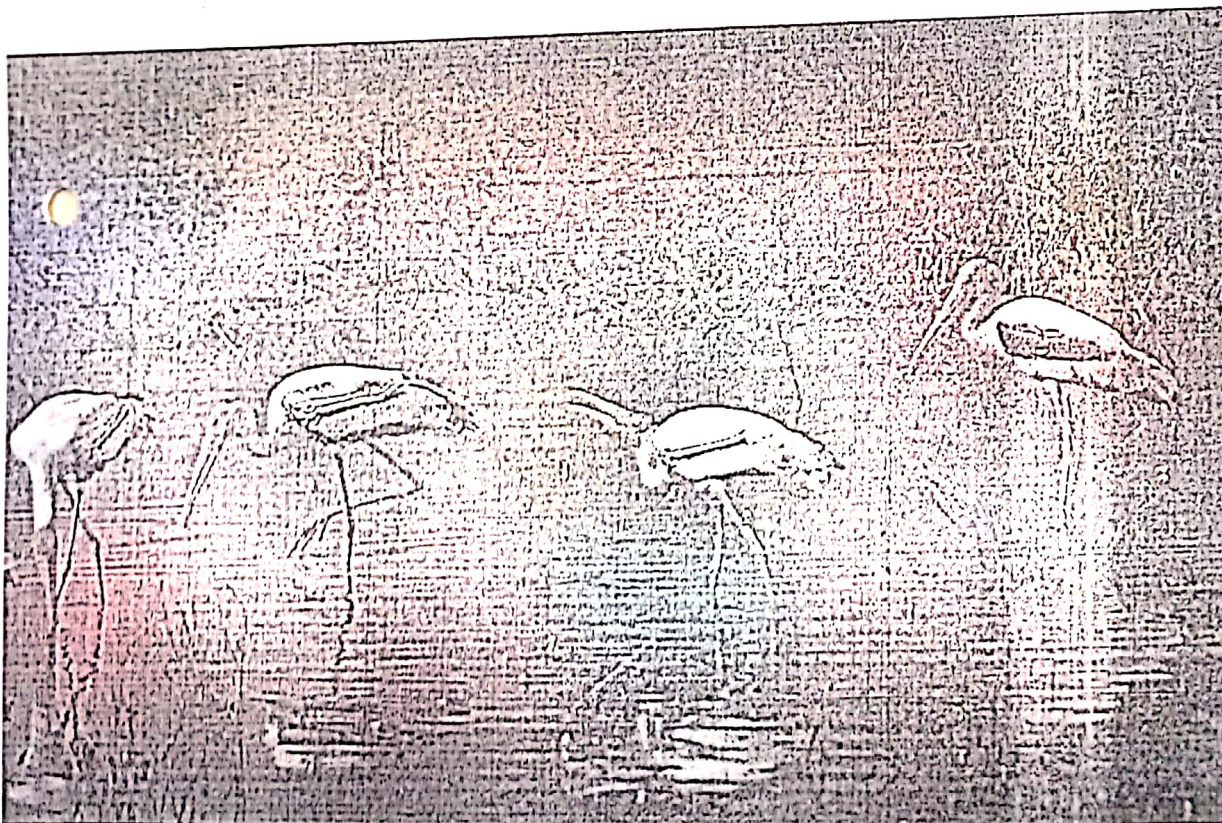


Observation of Wetland Birds





Rudy Shelduck and Northeremn Showeler



Painted Storks



Staff and Students participated in Wetland Visit



WORLD WETLAND DAY (2ND FEBRUARY, 2022)

(Wetlands Action for People and Nature)

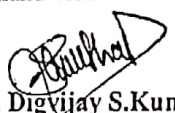
REPORT

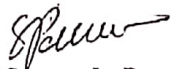
Rayat Shikshan sanstha's Dada Patil Mahavidyalaya Karjat in collaboration with Maharaja Jiwajirao Shinde Mahavidyalaya, Shrigonda and Radhabai Kale Mahila Mahavidyalaya, Ahmednagar celebrated world wetland Day on 2 February, 2022, under Faculty and Student exchange Programme with theme 'Wetlands Action for People and Nature'. Under this Platform three different events were organized, Online Lectures (Via. Google Meet), Online Quiz on Wetland Conservation and Visit to Ujani Wetlands.

Online Lectures were conducted on 2nd February, 2022, 12:00 noon to 02:30 pm. The Speaker for the first session was Hon. Prin. Dr. D.K.Mhaske (MJS Mahavidyalaya, Shrigonda), was talked on Wetlands: The Kidneys of Landscape. He explained importance of wetlands to achieve sustainable development. In the second session, Dr. Gopal Raut (Radhabai Kale Mahila Mahavidyalaya, Ahmednagar) talked about Biodiversity, threats and conservation. In the third session Co-ordinator of the programme Mr. Digvijay Kumbhar delivered nice information regarding Ujani wetlands and Avifaunal diversity. Dr. Mavia Shaikh conducted Question-Answers (Discussion) session, Dr. Swapna Patil proposed vote of thanks while Dr. Pratima Pawar anchored the session. (Google Meet Link: meet.google.com/ahm-qgjm-gbc).

On 2nd and 3rd February, Online Quiz on Wetland Conservation was conducted containing 20 MCQs for 100 Marks and certificates were distributed to participants on their registered E.mail, who scored more than 40% marks. More than 200 Students and Faculties from three colleges were participated in the online quiz. (Quiz Link: <https://forms.gle/F3ntmFE4PapD8rei6>)

On 4th February, a field visit to Ujani wetlands (Diksal and Kondhar Chincholi) was organized. 32 students were participated in the same. During field visit, wetland biodiversity was observed and Students understand the concept of 'Ecotone' on site. About 20 species of waterbirds were observed and Students enjoyed the eco-friendly Wetland visit.


Mr. Digvijay S. Kumbhar
Co-ordinator


Dr. Suman L. Pawar
Head, Dept. of Zoology

Dr. Sanjay P. Nagarkar
I/C Principal





Rayat Shikshan Sanstha's
DADA PATIL MAHAVIDYALAYA, KARJAT, AHMEDNAGAR.

DEPARTMENT OF BOTANY

11th February 2022

TOUR REPORT

The Department of Botany has organized "one day study tour at Krishi Vidnyan Kendra, Baramati" and visit to Botanical garden and Research centre of Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati, Pune on 11th February, 2022. A total of 10 students of T.Y.B.Sc. and four faculty members actively participated in the event. We started journey at 8.00 a. m. from college and reached at Krishi Vidnyan Kendra, Baramati around 10.00 a.m.

In this Krishi Vidnyan Kendra, we have visited different units such as biocontrol lab, automation, dairy, farm, fish tank, food processing unit, goatry, hydroponics unit, mobile soil testing lab, nursery, packhouse, polyhouse, implements, poultry, weather station, apiary, etc. Then we had lunch in that pleasant environment of Krishi Vidnyan Kendra. The students of T. Y. B.Sc. actively participated in this visit.

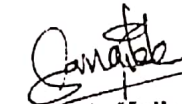
Then we reached at Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati, Pune. There we visited Botany department. The UG, PG, and research laboratories in the department were excellent. At the college, we visited botanical garden which was huge source of different plants. About 1010 plants were there in college campus. They maintained variety of plants such as bryophytes, pteridophytes, gymnosperms, angiosperms, herbs, shrubs, climbers and hedge plants. There were different sections in botanical garden such as fernery, seasonal flowers, medicinal plants garden, bonsai garden, nursery, native fruit plant garden, butterfly garden and floriculture.

At the end of programme there was a photo session with head, teachers and students of botany. We reached at Karjat around 7.00 pm.

We are very much thankful to the Principal and Head, Department of Botany, Dada Patil Mahavidyalaya, Karjat, Ahmednagar for giving us an opportunity to conduct the activity.

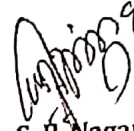


Ms. S. V. Gaikwad
Tour Coordinator



Dr. S. A. Kulkarni
Head
Department of Botany

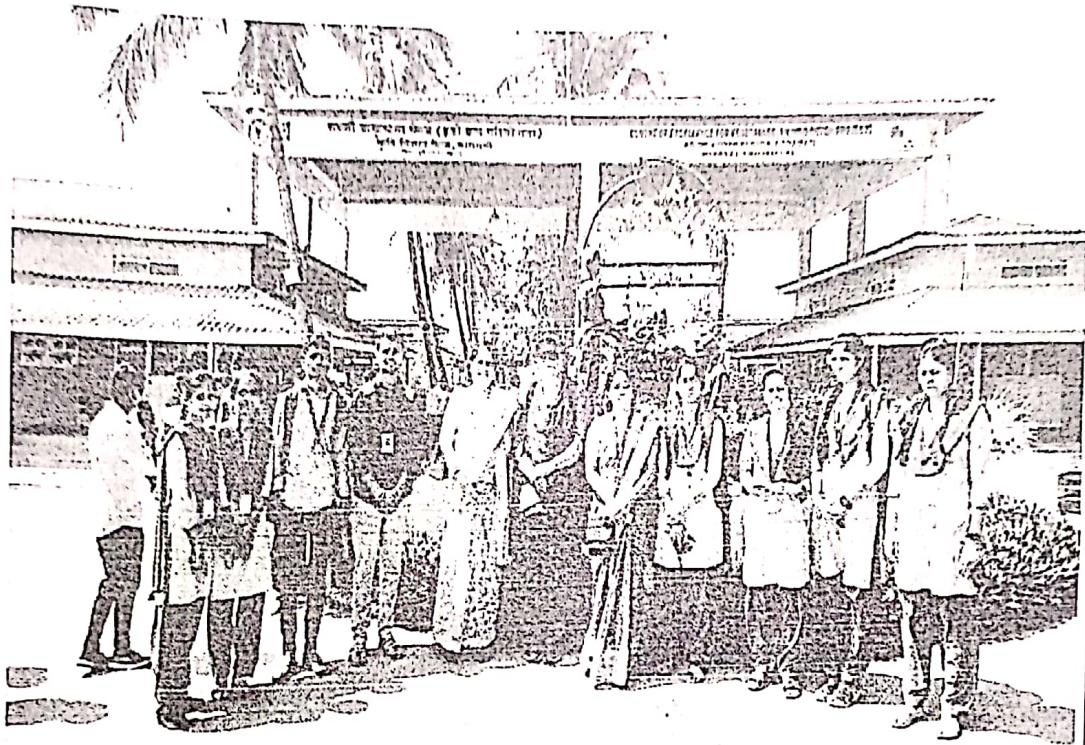




Dr. S. P. Nagarkar
Principal
Dada Patil Mahavidyalaya
Karjat, Dist. Ahmednagar



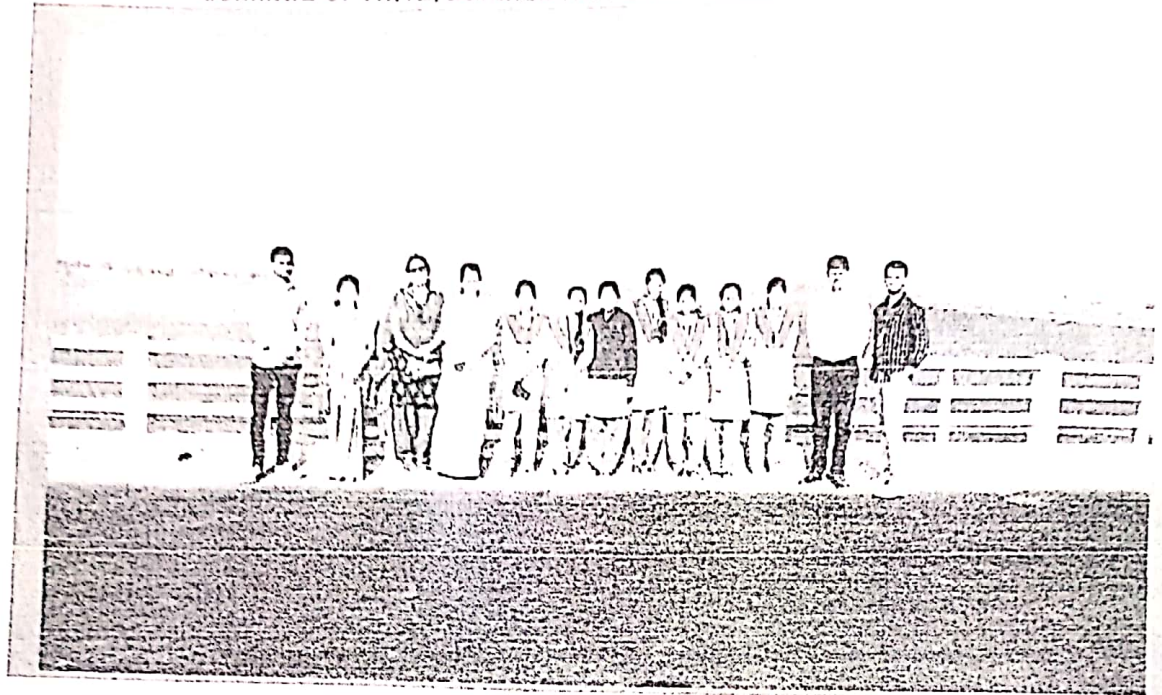
Rayat Shikshan Sanstha's
DADA PATIL MAHAVIDYALAYA, KARJAT, AHMEDNAGAR
P.G. DEPARTMENT OF BOTANY
STUDY TOUR (FIELD VISIT) TO KRISHI VIDYAN KENDRA AND TULJARAM CHATURCHAND
COLLEGE OF ARTS, SCIENCE AND COMMERCE, BARAMATI, PUNE.



ON FRIDAY, 11 FEBRUARY 2022,
ORGANIZED BY DEPARTMENT OF BOTANY, MS, INDIA.

DADA PATIL MAHAVIDYALAYA, KARJAT, AHMEDNAGAR
P.G. DEPARTMENT OF BOTANY

STUDY TOUR (FIELD VISIT) TO KRISHI VIDYAN KENDRA AND TULJARAM CHATURCHAN
COLLEGE OF ARTS, SCIENCE AND COMMERCE, BARAMATI, PUNE.



ON FRIDAY, 11 FEBRUARY 2022,
ORGANIZED BY DEPARTMENT OF BOTANY, MS, INDIA.

रयत शिक्षण संस्थेचे
दादा पाटील महाविद्यालय, कर्जत, जिल्हा-अहमदनगर.

सहल समंतीपत्रक

पालकांचे संपूर्ण नाव लावणे आशिष तुकाराम
पत्ता:- मु.पो. लखवडे दा. कर्जत. जि. अ. नगर

दिनांक: १०/१२/२०२२

माझा पाल्य कुमार/कुमारी लावणे आशिष तुकाराम हि/आपल्या महाविद्यालयात बी.एस्सी. वनस्पतीशास्त्र भाग १/२/३ मध्ये शिकत असून या वर्षी बी.एस्सी. वनस्पतीशास्त्र विभागाने आयोजित केलेल्या शैक्षणिक सहलीत सहभागी होण्यासाठी मी माझ्या पाल्यास संमती देत आहे.

माझा पाल्य संपूर्ण सहलीत शिस्तीचे काटेकोर पालन करील. स्वतःचे व महाविद्यालयाचे नाव कोठेही बदनाम होणार नाही याची काळजी घेईल असे मी खात्रीपूर्वक नमूद करतो. सहलीत माझ्या पाल्याकडून कोणतेही गैरवर्तन झाल्यास होणाऱ्या दृष्टरिणामास मी पूर्णपणे जबाबदार राहील.

सहल
विधाय्याची सही



र.तु. लावणे
आपला स्नेहांकित



Rajat Shikshan Sanstha's
Dada Patil Mahavidyalaya, Karjat
Year 2021-22

DEPARTMENT OF BOTANY

Visit : To Krishik- Agro Exhibition at Sharadanagar, Baramati
Class : T.Y.B.Sc.

Feedback form

Name of the student : Holay Veishnavi Bapurahel.

Q.No.	Question	Yes	No
1.	Are you aware that Botany subject has a study tour / field visit.	Yes	
2.	Are you going to earn a credit from SPPU for the field visit.	Yes	
3.	Did you like the field visit.	Yes	
4.	Did you gain knowledge by the field visit.	Yes	
5.	Do you recommend more field visits for the subject.	Yes	
6.	Did the faculty organize the visit well.	Yes	

Any other feedback: No

Date : 23-2-2022



Signature of the student
Holay



I/C Principal
Dr. Nagarkar S.P.

M.A., M.Phil, Ph.D.,

SET

Estd: 1964

Rayat Shikshan Sanstha's

DADA PATIL MAHAVIDYALAYA

Karjat, Dist A'nagar- 414402 (M.S.)

Arts, Science & Commerce

FOUNDER:-Padmabhushan Dr.Karmaveer Bhaurao Patil

Website : www.dpcollege.in

Savitribai Phule Pune University Best College Award (2004-05)

Rayat Mauli Puraskar (2005-06)

WAG ACHHEETED (3rd Cycle)

21 (GSA 307)

Jr. College HSC

Board Code No. J12.03.001

PU/AN/ASC/06/1964

STD Code : (02489)

☎ office : 222534

Fax : 223923

Email : dpcollege@yahoo.co.in

Date -09/02/2022

To,
The Chairman,
Agricultural Development Trust's Baramati,
Shardanagar, (Malegaon Bk),
Tal-Baramati.
Dist-Pune 413 115 Maharashtra, India.

Subject – Visit to “Krushik 2022” Agro Exhibition

Respected Sir,
The Department of Botany, Dada Patil Mahavidyalaya, Karjat has organised
a One Day Field Visit (i.e. Industrial Visit) for T. Y. B.Sc. students to “Krushik-2022” Agro
Exhibition at Shardanagar, Baramati on 11-02-2022 (Friday).

Total Students – 10
Faculty – 04

Kindly allow them for this exhibition.

Thanking you



gms
I/C Principal
Dada Patil Mahavidyalaya Karjat
Dist- Ahmednagar



 Education through self-help is our motto - Karmaveer I/C Principal Dr. Nagarkar S.P. M.A., M.Phil, Ph.D., SET	Estd: 1964 Rayat Shikshan Sanstha's DADA PATIL MAHAVIDYALAYA Karjat, Dist A'nagar- 414402 (M.S.) Arts, Science & Commerce FOUNDER:-Padmabhushan Dr.Karmaveer Bhaurao Patil Website : www.dpcollege.in Savitribai Phule Pune University Best College Award (2004-05) Rayat Mauli Puraskar (2005-06)	NAAC ACCREDITED (3rd Cycle) 'A' (CGPA 3.07) Jr. College HSC Board Code No. J12.03.001 PU/AN/ASC/06/1964 STD Code : (02489) office : 222534 Fax : 223923 Email : dpcollege@yahoo.co.in

Date -09/02/2022

To,
 The Chairman,
 Agricultural Development Trust's Baramati,
 Shardanagar, (Malegaon Bk),
 Tal-Baramati.
 Dist-Pune 413 115 Maharashtra, India.

Subject – Visit to “Krushik 2022” Agro Exhibition

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Total Students – 10
 Faculty – 04

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Thanking you



gub 3
 I/C Principal
 Dada Patil Mahavidyalaya Karjat
 Dist- Ahmednagar

10 students & 4

faculty had visited to Krushik-2022
 Technology week at KVK Baramati
 on 11/02/2022.



R. D. W.
 Head and Senior Scientist
 Krishi Vigyan Kendra, Baramati
 Malegaon Khurd, Tal: Baramati,
 Dist: Pune (M.S.), India-413115





Rayat Shikshan Sanstha's
Dada Patil Mahavidyalaya, Karjat
Year 2021-22

DEPARTMENT OF BOTANY

Sr. No.	Roll No.	Name of the Student
	123	BHANDWALKAR PRITEE BUVASAHEB
	124	BHOSALE KISHORI SATAPAL
	125	CHAVAN KOMAL RAMA
	126	DESHMUKH CHANDRASHEKHAR SHIVAJI
	127	HOLAY VAISHNAVI BAPUSAHEB
	190	JANJIRE VARSHA APPA
	128	KAKADE PRATIKSHA RAJENDRA
	129	KALE AARTI RAJENDRA
	130	KARANDE DIPALI ASHOK
	131	KARPE PRATIBHA TUKARAM
	132	KHAMGAL SANDIP RAMA
	133	MOHALKAR ASHWINI UDDHAV
	134	MURKUTE POONAM SUNIL
	191	PAWANE ANIKET SATISH
	-	RAUT PRIYANKA POPAT
	135	SARGAR KAJAL DADA
	136	SARKALE DIPTI SHARAD
	137	SHELKE AKSHAY DILIP
	138	SHINDE PAYAL SANTOSH
	139	SHINDE RAKHI ASHOK
	140	SHINDE RESHMA NANA
	141	TORADMAL MANJUSHA SANJAY

Sr. No.	Name of the Faculty
1.	DR. MRS. S.A. KULKARNI
2.	DR. A.B. KADAM
3.	MS. S.V. GAIKWAD
4.	DR. D.S. WADAVKAR
5.	MR. T.D. PANSARE

Head

Department of Botany
Dada Patil Mahavidyalaya, Karjat





Rayat Shikshan Sanstha's
Dada Patil Mahavidyalaya, Karjat
Year 2021-22

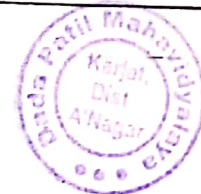
DEPARTMENT OF BOTANY

Visit : To Krishik- Agro Exhibition at Sharadanagar, Baramati
Date : 11.2.2022

Attendance of Students
Class : T., Y..B.Sc.

* Transport : By Bus

Sr. No.	Roll No.	Name of the Student	Signature
23.	123	BHANDWALKAR PRITEE BUVASAHEB	—
24.	124	BHOSALE KISHORI SATAPAL	K.S. Bhosale.
25.	125	CHAVAN KOMAL RAMA	emol
26.	126	DESHMUKH CHANDRASHEKHAR SHIVAJI	—
27.	127	HOLAY VAISHNAVI BAPUSAHEB	Holay
28.	190	JANJIRE VARSHA APPA	—
29.	128	KAKADE PRATIKSHA RAJENDRA	—
30.	129	KALE AARTI RAJENDRA	—
31.	130	KARANDE DIPALI ASHOK	—
32.	131	KARPE PRATIBHA TUKARAM	—
33.	132	KHAMGAL SANDIP RAMA	—
34.	133	MOHALKAR ASHWINI UDDHAV	—
35.	134	MURKUTE POONAM SUNIL	—
36.	191	PAWANE ANIKET SATISH	—
37.	—	RAUT PRIYANKA POPAT	—
38.	135	SARGAR KAJAL DADA	—
39.	136	SARKALE DIPTI SHARAD	—
40.	137	SHELKE AKSHAY DILIP	—
41.	138	SHINDE PAYAL SANTOSH	—
42.	139	SHINDE RAKHI ASHOK	—
43.	140	SHINDE RESHMA NANA	—
44.	141	TORADMAL MANJUSHA SANJAY	—





Rayat Shikshan Sanstha's
Dada Patil Mahavidyalaya, Karjat
Year 2021-22

DEPARTMENT OF BOTANY

Date : 9/2/2022

PERMISSION LETTER

To,
The Principal,
Dada Patil Mahavidyalaya,
Karjat, Dist. Ahmednagar.

Subject : Permission for One day field visit to Krishik- Agro Exhibition,
Sharadanagar, Baramati

Respected Sir,

As per the Savitribai Phule Pune University, Pune BOS Syllabus, the field visit is compulsory for the students of TYBSc. & MSc. Botany students. Therefore, the department intends to arrange one day field visit to Krishik- Agro Exhibition, Sharadanagar, Baramati on 11th February 2022. The students will be accompanied by the faculty (15 per batch).

Kindly permit us for the same.

Thanking You,



Yours Sincerely,

Head

Department of Botany
Dada Patil Mahavidyalaya, Karjat

Permission granted
Approved
4.2.22



Rajyat Shikshan Sanstha's
Dada Patil Mahavidyalaya, Karjat
Year 2021-22

DEPARTMENT OF BOTANY

Visit : To Krishik- Agro Exhibition at Sharadanagar, Baramati
Date : 11.2.2022

Class : T.,Y..B.Sc.

Sr. No.	Name of the student	Date of Birth	Mobile	Email
1.	BHANDWALKAR PRITEE B.			
2.	BHOSALE KISHORI SATAPAL			
3.	CHAVAN KOMAL RAMA	31/1/2001	9675072944	komalchavan312001@gmail.com
4.	DESHMUKH CHANDRASHEKHAR S.	03/05/2001	7498922461	chandrasekhar.deshmukh435@gmail.com
5.	HOLAY VAISHNAVI BAPUSAHEB	25/10/2001	9511742411	vaishnaviholay83@gmail.com
6.	JANJIRE VARSHA APPA			
7.	KAKADE PRATIKSHA RAJENDRA			
8.	KALE AARTI RAJENDRA			
9.	KARANDE DIPALI ASHOK	17-04-2001	7218133988	dipalishok.karande@gmail.com
10.	KARPE PRATIBHA TUKARAM	17-9-2002	9112861589	karpepratibha47@gmail.com
11.	KHAMGAL SANDIP RAMA			
12.	MOHALKAR ASHWINI UDDHAV	24-9-2000	9960648700	mohalkarashwini2001@gmail.com
13.	MURKUTE POONAM SUNIL			
14.	PAWANE ANIKET SATISH	25/07/2001	9579449706	paawaneaniket5@gmail.com
15.	RAUT PRIYANKA POPAT			
16.	SARGAR KAJAL DADA			
17.	SARKALE DIPTI SHARAD			
18.	SHELKE AKSHAY DILIP			
19.	SHINDE PAYAL SANTOSH	10/06/2001	9960443261	shindepayalshinde3325@gmail.com
20.	SHINDE RAKHI ASHOK			
21.	SHINDE RESHMA NANA	27/07/2001	7498700515	reshmanshinde@gmail.com
22.	TORADMAL MANJUSHA SANJAY			


Head

Department of Botany
Dada Patil Mahavidyalaya, Karjat





Rayat Shikshan Sanstha's
Dada Patil Mahavidyalaya, Karjat
Year 2021-22

Date : 9/2/2022

PERMISSION LETTER

To,
The Principal,
Tuljaram Chaturchand College of Arts, Science & Commerce,
Baramati, Dist. Pune.

Subject : Permission for visit to the Laboratory and Research Centre...

Respected Sir,


The Dada Patil Mahavidyalaya, Karjat is proposing for a Research Centre in Botany in the near future. In this context, the faculty of Botany - Dr. S.A. Kulkarni (Head), Ms. S.V. Gaikwad and Dr. D.S. Wadavkar wants visit the Botany Laboratory and Research Centre of your College on **11th February 2022** with reference to construction and design.


Kindly permit us for the same.

Thanking You,



Yours Sincerely,


I/- **PRINCIPAL**
Dada Patil Mahavidyalaya
Karjat, Dist. Ahmednagar

 U.C Principal Dr. Nagarkar S.P. M.A., M.Phil, Ph.D., SET	Established: 1964 Rayat Shikshan Sanstha's DADA PATIL MAHAVIDYALAYA Karjat, Dist Ahmednagar- 414402 (M.S.) Arts, Science & Commerce FOUNDER: Padmabhushan Dr. Karmaveer Bhaurao Patil Website: www.dpcollege.in Savitribai Phule Pune University Best College Award (2004-05) Rayat Mauli Puraskar (2005-06)	J.C. College HSC Board Code No. J12.03.001 PU/AH/ASC/04/1904 STD Code : (02489) Office : 222534 Fax : 223923 Email : dpcollege@yahoo.co.in

Refc. No. - SGE/A-2021-22.

Date:-09/02/2022

To,

The Principal,

Tuljaram Chaturchand College of Arts, Science & Commerce,
 Baramati, Dist. Pune.

Subject:- Subject:- Permission for visit your college for Educational Purpose.....

Respected Sir,

The department of Botany, Dada Patil Mahavidyalaya, Karjat wants to visit your college for educational purpose along with students and teachers.

Students 10

Faculty-04

Kindly allow them for the visit.

Thanking you.

*Allowed to
 Visit Botanical
 Garden and Laboratory*



gud?
 U.C. PRINCIPAL
 Dada Patil Mahavidyalaya
 Karjat, Dist. Ahmednagar

*Signed
 11/2/2022*

Head,
 Department of Botany
 Tuljaram Chaturchand College
 Baramati (Dist. Pune)



Rajat Shikshan Sanstha's
Dada Patil Mahavidyalaya, Karjat
Year 2021-22

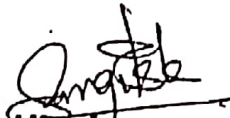
DEPARTMENT OF BOTANY

2:00 Am

Sr. No.	Roll No.	Name of the Student	Signature Amount : 35/-
1.	123	BHANDWALKAR PRITEE BUVASAHEB	—
2.	124	BHOSALE KISHORI SATAPAL	K.s. Bhosale return
3.	125	CHAVAN KOMAL RAMA	Amal
4.	126	DESHMUKH CHANDRASHEKHAR SHIVAJI	Chandrashekhar
5.	127	HOLAY VAISHNAVI BAPUSAHEB	Biologi
6.	190	JANJIRE VARSHA APPA	—
7.	128	KAKADE PRATIKSHA RAJENDRA	—
8.	129	KALE AARTI RAJENDRA	—
9.	130	KARANDE DIPALI ASHOK	Parade
10.	131	KARPE PRATIBHA TUKARAM	Parape
11.	132	KHAMGAL SANDIP RAMA	—
12.	133	MOHALKAR ASHWINI UDDHAV	(Ashwini)
13.	134	MURKUTE POONAM SUNIL	—
14.	191	PAWANE ANIKET SATISH	Pawane
15.	-	RAUT PRIYANKA POPAT	—
16.	135	SARGAR KAJAL DADA	—
17.	136	SARKALE DIPTI SHARAD	—
18.	137	SHELKE AKSHAY DILIP	—
19.	138	SHINDE PAYAL SANTOSH	shindePS
20.	139	SHINDE RAKHI ASHOK	—
21.	140	SHINDE RESHMA NANA	shindeR
22.	141	TORADMAL MANJUSHA SANJAY	—

Sr. No.	Name of the Faculty
1.	DR. MRS. S.A. KULKARNI
2.	DR. A.B. KADAM
3.	MS. S.V. GAIKWAD
4.	DR. D.S. WADAVKAR
5.	MR. T.D. PANSARE




Head

Department of Botany
Dada Patil Mahavidyalaya, Karjat



Rayat Shikshan Sanstha's
Dada Patil Mahavidyalaya, Karjat
Year 2021-22

Term II

DEPARTMENT OF BOTANY

REPORT

VISIT TO KRISHI VIDYAN KENDRA

The Department of Botany had organized a One day visit to Krishi Vidyan Kendra, Baramati for the MSc I & II Botany students on 09th May 2022. The team started for the journey at 7.30am from DPMK, Karjat to Baramati. The students visited the KVK campus and learned about the working in the institute. They returned to the destination by 5.30pm.

The aim was provide an exposure regarding agricultural technologies and productivity. The students also visited various section in the kendra like Seed technology, hydroponics, Horticulture, Agricultural farm, Biofertilizer unit etc. The students were able to observe the working of different sections which created a sense of awareness and motivated them. The college appreciates the team of KVK for their efforts and support, they assisted the student and staff to various sections and gave them the explanation.

A total of 16 students and 01 faculty (Mr. N.K. Patil) participated in the visit.

The college appreciates the activity undertaken by the department & efforts taken by the Mr. N.K. Patil and students of MSc Botany.

The activity was a success due to constant encouragement of our Principal Dr. S.P. Nagarkar and support by Head, Dr. S.A. Kulkarni and faculty of department of Botany.

Incharge

Head

Department of Botany

Dada Patil Mahavidyalaya, Karjat



Date: 06.5.2022

To,

The Principal,
Dada Patil Mahavidyalaya, Karjat
Dist. Ahmednagar.

Subject : Permission for visit to Krishi Vidyan Kendra, Baramati.

Respected Sir,

The Department of Botany intends to organize a One day visit to Krishi Vidyan Kendra, Baramati for the MSc I & II Botany students on 9th or 10th May 2022. The students are benefitted by such activities, get hands on experience of different agricultural technologies as well as visit to seed unit.

Kindly permit us for the same.

No. of students - MSc I = 08
MSc II = 10
No. of Faculty - 01

Thanking You,

The Department
Yours Sincerely,
to Krishi Vidyan Kendra, Baramati
on 9th or 10th May 2022. The students
will get hands on experience of different
agricultural technologies as well as visit to seed unit.

One day visit
to Krishi Vidyan Kendra, Baramati
on 9th or 10th May 2022. The students
will get hands on experience of different
agricultural technologies as well as visit to seed unit.

Head

Department of Botany
Dada Patil Mahavidyalaya, Karjat



Thanking You,

Yours Sincerely,



DADA PATIL MAHAVIDYALAYA

(Arts, Commerce and Science)

Karjat, Dist. Ahmednagar - 414 402 (M.S.)

(02489) (O) 222534 (R) 222518, Email : dpcollege@yahoo.co.in Website : www.dpcollege.in

NAAC Accreditation (3rd Cycle) 'A' Grade (CGPA 3.07)

Jr. College HSC Board - 12.003.001 Code No. SPPU/AN/ASC/06/1964

I/c. Principal
ANJAY NAGARKAR
M.Phil., Ph.D., SET

* Savitribai Phule Pune University Best College Award (2004-2005) * Rayat Mauli Puraskar (2005-2006)

Date: 06.5.2022

To,

The Incharge,
Krishi Vidyan Kendra,
Baramati,
Dist. Pune.

Subject : Permission for visit to Krishi Vidyan Kendra, Baramati.

Respected Sir,

The Department of Botany intends to organize a One day visit to Krishi Vidyan Kendra, Baramati for the MSc I & II Botany students on 9th May 2022 at 10.am. The students are benefitted by such activities, get hands on experience of different agricultural technologies as well as visit to seed unit. Please permit them to visit all your units as a part of experience. Kindly cooperate..

No. of students - MSc I = 08

Subject : Permission for visit MSc. II = 10 a Bar

No. of Faculty - 01

Respect Sir

Thanking You, The Department

to Krishi Vidyan Kendra,

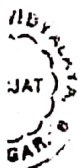
Yours Sincerely,

9th May 2022, 10.am. The

experience of different

seed unit. Please permit them

Dada Patil Mahavidyalaya
Karjat, Dist. Ahmednagar



No. of students -

No. of Faculty -



Rayat Shikshan Sanstha's
Dada Patil Mahavidyalaya, Karjat
Year 2021-22

DEPARTMENT OF BOTANY
Term II

Notice for students

06.05.2022

All the students of MSc. I & MSc.II Botany are hereby informed that a One day visit is organized for the class to Krishi Vidyan Kendra, Baramati on 06th May 2022. All the students have to come to college by 7.30am near College Gate (Walvad side). Coordinate with Mr. N.K. Patil sir for details regarding contribution for vehicle and other fees. The students have to write a visit report for the same. It is compulsory for all to attend.


Head

Department of Botany
Dada Patil Mahavidyalaya, Karjat

06.05.2022

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visit is organized for the class to
Krishi Vidyan Kendra, Baramati on
06th May 2022. All the students
have to come to college by 7.30am
near College Gate (Walvad side).
Coordinate with Mr. N.K. Patil sir
for details regarding contribution for
vehicle and other fees. The students
have to write a visit report for the
same. It is compulsory for all to
attend.


Head

Department of Botany
Dada Patil Mahavidyalaya, Karjat





Rajyat Shikshan Sanstha's
Dada Patil Mahavidyalaya, Karjat

Year 2021-22

Term II

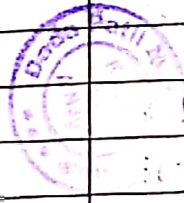
DEPARTMENT OF BOTANY

VISIT TO KRISHI VIDYAN KENDRA, BARAMATI

ATTENDANCE

Date : 05.05.2022

Sr.No.	Name of the student	Class	Signature
1.	Bale Hayer Balasaheb	MSc I	[Signature]
2.	Suravase Madhavi Mahadev	MSc II	[Signature]
3.	Godase Megha Dhanjay	MSc II	[Signature]
4.	Kangude Sanjivani Dagadu	MSc II	[Signature]
5.	Pardeshi Sonali Anandsing	MSc II	[Signature]
6.	Khamgal Vidya Bapushab	MSc II	[Signature]
7.	Dorde Bhagyashmi Balasaheb	MSc II	[Signature]
8.	Lingankar Arun Shashikanth	MSc II	[Signature]
9.	Kale Rishikesh Ramesh	MSc II	[Signature]
10.	Vharkate Poojashu Ashok	MSc II	[Signature]
11.	Pathade Pratikta Sundardas	MSc II	[Signature]
12.	Kachare Sonali Sahadeo	MSc I	[Signature]
13.	Pathade Rakmini Balasaheb	MSc I	[Signature]
14.	Masel Amruta Rajaram	MSc II	[Signature]
15.	Shesade Mukata Appasaheb	MSc I	[Signature]
16.	Badar. Trupti Ramesh	MSc I	[Signature]
17.			
18.			
19.			
20.			
21.			
22.			
23.			
24.			
25.			





Rayat Shikshan Sanstha's
Dada Patil Mahavidyalaya, Karjat District Ahmednagar
Affiliated to Savitribai Phule Pune University, Pune

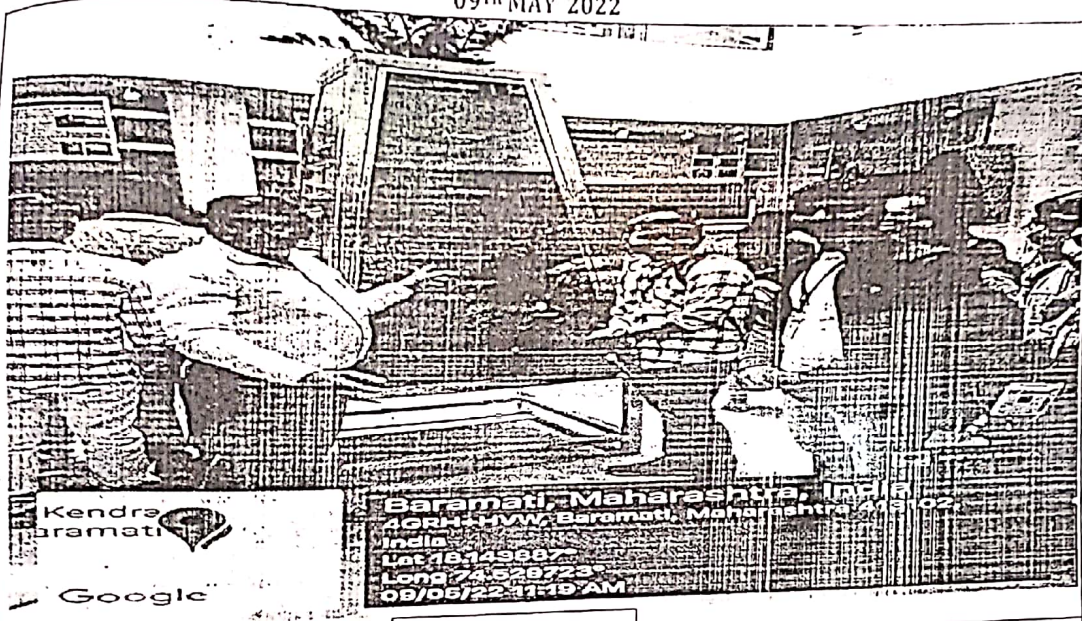


NAAC Reaccredited 'A' grade (CGPA 3.07)
www.dpcollege.in

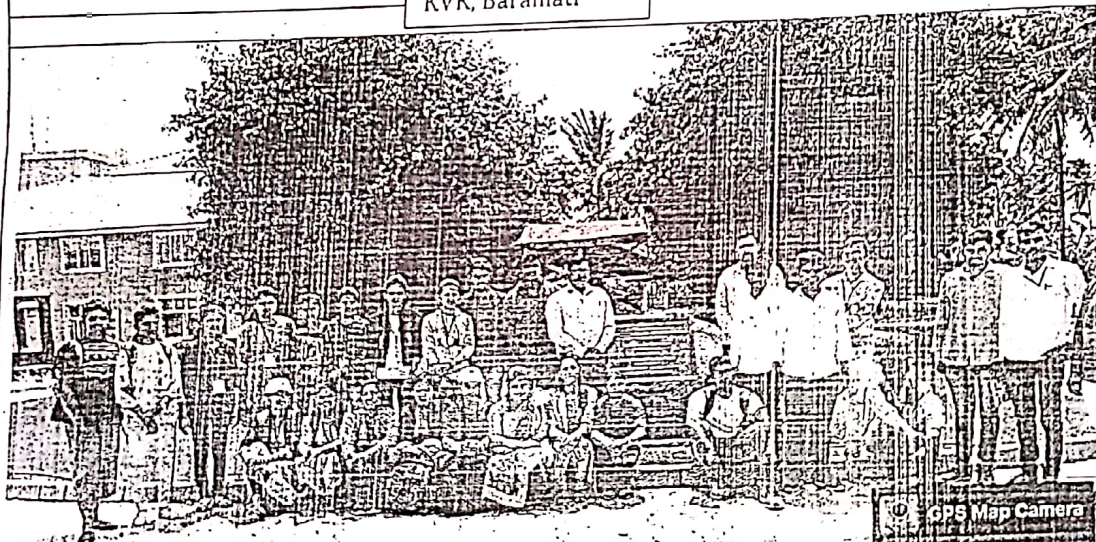
ISO 9001:2015 Certified (2010-19)
dpcollege@yahoo.co.in

AISHE C-41792
Phone: (02489) 222534

Department of Botany
VISIT TO KRISHI VIDYAN KENDRA, BARAMATI
09TH MAY 2022



KVK, Baramati



gyan K (a
K), Bara ati

Google

KVK Baramati, Maharashtra, India
Unnamed Road, Malegaon Khurd, Maharashtra 43102, India
Lat 18.144124°
Long 74.528427°
09/05/22 01:57 PM

Students in the Information centre, KVK, Baramati

Mr. N.K. Patil
Incharge

Dr. S.A. Kulkarni
Head

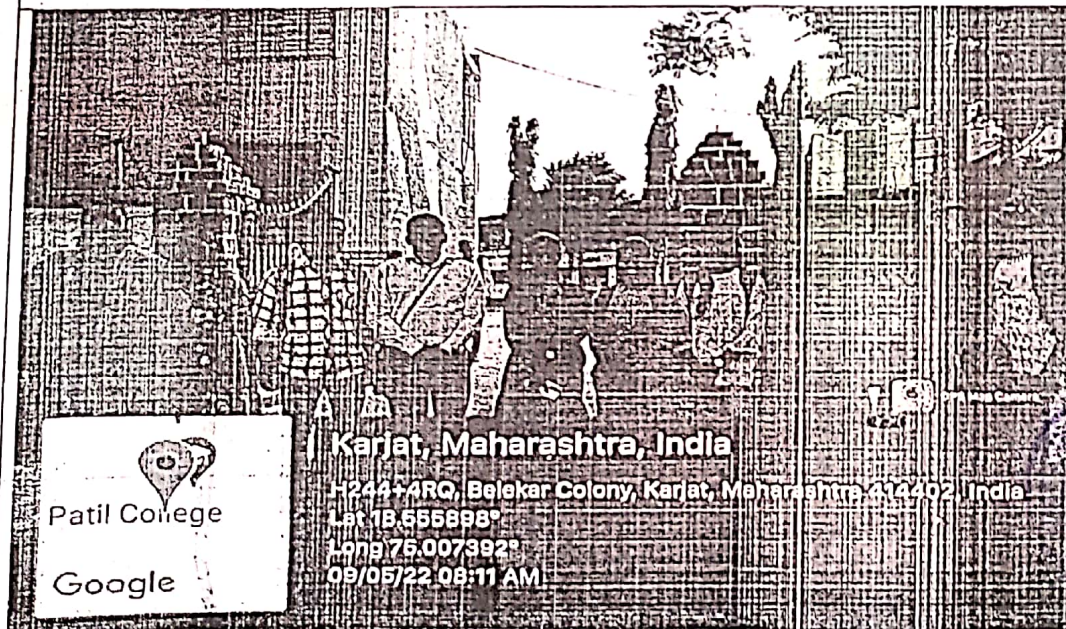
Dr. S.P. Nagarkar
I/C. Principal



Department of Botany
VISIT TO KRISHI VIDYAN KENDRA, BARAMATI
09TH MAY 2022



Visit to kvk, Baramati



Students and staff

Visit to KVK, Baramati



Rayat Shikshan Sanstha's

DADA PATIL MAHAVIDYALAYA, KARJAT, AHMEDNAGAR.

DEPARTMENT OF BOTANY

11th February 2022

TOUR REPORT


The Department of Botany has organized "one day study tour at Krishi Vidnyan Kendra, Baramati" and visit to Botanical garden and Research centre of Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati, Pune on **11th February, 2022**. A total of **10 students of T.Y.B.Sc. and four faculty members** actively participated in the event. We started journey at 8.00 a. m. from college and reached at Krishi Vidnyan Kendra, Baramati around 10.00 a.m.

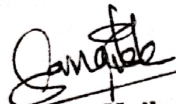
In this Krishi Vidnyan Kendra, we have visited different units such as biocontrol lab, automation, dairy, farm, fish tank, food processing unit, goatry, hydroponics unit, mobile soil testing lab, nursery, packhouse, polyhouse, implements, poultry, weather station, apiary, etc. Then we had lunch in that pleasant environment of Krishi Vidnyan Kendra. The students of T. Y. B.Sc. actively participated in this visit.

Then we reached at Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati, Pune. There we visited Botany department. The UG, PG, and research laboratories in the department were excellent. At the college, we visited botanical garden which was huge source of different plants. About 1010 plants were there in college campus. They maintained variety of plants such as bryophytes, pteridophytes, gymnosperms, angiosperms, herbs, shrubs, climbers and hedge plants. There were different sections in botanical garden such as fernery, seasonal flowers, medicinal plants garden, bonsai garden, nursery, native fruit plant garden, butterfly garden and floriculture.

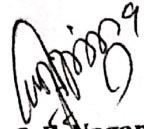
At the end of programme there was a photo session with head, teachers and students of botany. We reached at Karjat around 7.00 pm.

We are very much thankful to the Principal and Head, Department of Botany, Dada Patil Mahavidyalaya, Karjat, Ahmednagar for giving us an opportunity to conduct the activity.


Ms. S. V. Gaikwad
Tour Coordinator


Dr. S. A. Kulkarni
Head
Department of Botany




Dr. S. P. Nagarkar
Principal
Dada Patil Mahavidyalaya
Karjat, Dist. Ahmednagar

Rayat Shikshan Sanstha's
DADA PATIL MAHAVIDYALAYA, KARJAT, AHMEDNAGAR
P.G. DEPARTMENT OF BOTANY
STUDY TOUR (FIELD VISIT) TO KRISHI VIDYAN KENDRA AND TULJARAM CHATURCHAND
COLLEGE OF ARTS, SCIENCE AND COMMERCE, BARAMATI, PUNE.



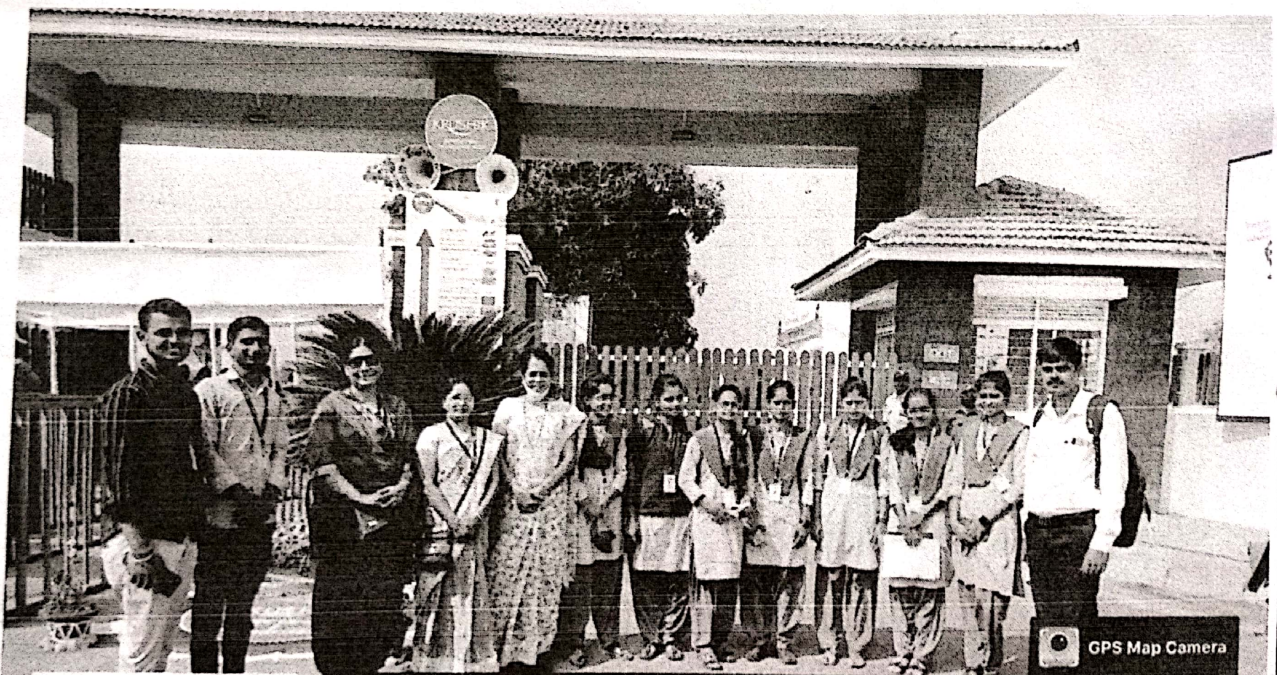
ON FRIDAY, 11 FEBRUARY 2022,
 ORGANIZED BY DEPARTMENT OF BOTANY, MS, INDIA.

Rayat Shikshan Sanstha's

DADA PATIL MAHAVIDYALAYA, KARJAT, AHMEDNAGAR

P.G. DEPARTMENT OF BOTANY

STUDY TOUR (FIELD VISIT) TO KRISHI VIDYAN KENDRA AND TULJARAM CHATURCHAND
COLLEGE OF ARTS, SCIENCE AND COMMERCE, BARAMATI, PUNE.



Malegaon Khurd, Maharashtra, India

Shankar Rao Jamdar Rd, Malegaon Khurd, Maharashtra 413102, India

Lat 18.144274°

Long 74.533058°

11/02/22 10:58 AM

ON FRIDAY, 11 FEBRUARY 2022,
ORGANIZED BY DEPARTMENT OF BOTANY, MS, INDIA.

(: रयत शिक्षण संस्थेचे
दादा पाटील महाविद्यालय, कर्जत. जिल्हा-अहमदनगर.
सहल समंतीपत्रक

पालकांचे संपूर्ण नाव प्रावणे सतिश तुकाराम
पत्ता:- मु.पो. जळके वाडी ता. कर्जत जि. अ. नगर
दिनांक: 10/2/2023

माझा पाल्य कुमार/कुमारी प्रावणे सतिश तुकाराम हा/ही आपल्या महाविद्यालयात बी.एस्सी. वनस्पतीशास्त्र भाग १/२/३ मध्ये शिकत असून या वर्षी बी.एस्सी. वनस्पतीशास्त्र विभागाने आयोजित केलेल्या शैक्षणिक सहलीत सहभागी होण्यासाठी मी माझ्या पाल्यास संमती देत आहे.

माझा पाल्य संपूर्ण सहलीत शिस्तीचे काटेकोर पालन करील. स्वतःचे व महाविद्यालयाचे नाव कोठेही बदनाम होणार नाही याची काळजी घेईल असे मी खात्रीपूर्वक नमूद करतो. सहलीत माझ्या पाल्याकडून कोणतेही गैरवर्तन झाल्यास होणाऱ्या दुष्परिणामास मी पूर्णपणे जबाबदार राहील.

Kandam
विद्यार्थ्याची सही

र. तु. प्रावणे
आपला स्नेहांकित



Rayat Shikshan Sanstha's
Dada Patil Mahavidyalaya, Karjat
Year 2021-22

DEPARTMENT OF BOTANY

Visit : To Krishik- Agro Exhibition at Sharadanagar, Baramati
Class : T.Y.B.Sc.
Feedback form


Name of the student : Holay Vaishnavi Bapusaheb.

Q. No.	Question	Yes	No
1.	Are you aware that Botany subject has a study tour / field visit.	Yes	
2.	Are you going to earn a credit from SPPU for the field visit.	Yes	
3.	Did you like the field visit.	Yes	
4.	Did you gain knowledge by the field visit.	Yes	
5.	Do you recommend more field visits for the subject.	Yes	
6.	Did the faculty organize the visit well.	Yes	

Any other feedback: No

Date : 23-2-2022

Holay
Signature of the student

Education through self-help is our motto - Karmaveer

I/C Principal
Dr. Nagarkar S.P.
M.A., M.Phil, Ph.D.,
SET

Estd: 1964
Rayat Shikshan Sanstha's
DADA PATIL MAHAVIDYALAYA
Karjat, Dist A'nagar- 414402 (M.S.)
Arts, Science & Commerce
FOUNDER:- Padmabhushan Dr. Karmaveer Bhaurao Patil
Website : www.dpcollege.in
Savitribai Phule Pune University Best College Award (2004-05)
Rayat Mauli Puskar (2005-06)

NAAC ACCREDITED (3rd Cycle)
'A' (CGPA 3.07)
Jr. College HSC
Board Code No. J12.03.001
PU/AN/ASC/06/1964
STD Code : (02489)
☎ office : 222534
Fax : 223923
Email :
dpcollege@yahoo.co.in

Date -09/02/2022

To,
The Chairman,
Agricultural Development Trust's Baramati,
Shardanagar, (Malegaon Bk),
Tal-Baramati.
Dist-Pune 413 115 Maharashtra, India.

Subject – Visit to "Krushik 2022" Agro Exhibition

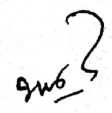
Respected Sir,
The Department of Botany, Dada Patil Mahavidyalaya, Karjat has organised
a One Day Field Visit (i.e. Industrial Visit) for T. Y. B.Sc. students to "Krushik-2022" Agro
Exhibition at Shardanagar, Baramati on 11-02-2022 (Friday).

Total Students – 10
Faculty – 04

Kindly allow them for this exhibition.

Thanking you




I/C Principal
Dada Patil Mahavidyalaya Karjat
Dist- Ahmednagar

 <p>I/C Principal Dr. Nagarkar S.P. M.A., M.Phil, Ph.D., SET</p>	<p style="text-align: right;">Estd: 1964</p> <p style="text-align: center;">Rayat Shikshan Sanstha's</p> <p style="text-align: center;">DADA PATIL MAHAVIDYALAYA</p> <p style="text-align: center;">Karjat, Dist A'nagar- 414402 (M.S.)</p> <p style="text-align: center;">Arts, Science & Commerce</p> <p style="text-align: center;">FOUNDER:-Padmabhushan Dr.Karmaveer Bhaurao Patil</p> <p style="text-align: center;">Website : www.dpcollege.in</p> <p style="text-align: center;">Savitribai Phule Pune University Best College Award (2004-05)</p> <p style="text-align: center;">Rayat Mauli Purskar (2005-06)</p>	<p>NAAC ACCREDITED (3rd Cycle)</p> <p>'A' (CGPA 3.07)</p> <p>Jr. College HSC Board Code No. J12.03.001 PU/AN/ASC/06/1964 STD Code : (02489) ☎ office : 222534 Fax : 223923 Email : dpcollege@yahoo.co.in</p>
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Date -09/02/2022

To,
The Chairman,
Agricultural Development Trust's Baramati,
Shardanagar, (Malegaon Bk),
Tal-Baramati.
Dist-Pune 413 115 Maharashtra, India.

Subject – Visit to “Krushik 2022” Agro Exhibition

Respected Sir,

The Department of Botany, Dada Patil Mahavidyalaya, Karjat has organised a One Day Field Visit (i.e. Industrial Visit) for T. Y. B.Sc. students to “Krushik-2022” Agro Exhibition at Shardanagar, Baramati on 11-02-2022 (Friday).

Total Students	– 10
Faculty	– 04

Kindly allow them for this exhibition.

Thanking you



gms
I/C Principal
Dada Patil Mahavidyalaya Karjat
Dist- Ahmednagar

10 students & 4

faculty had visited to Krushik-2022
Technology week at KVK Baramati
on 11/02/2022.

R. D. D. D.
Head and Senior Scientist
Krishi Vigyan Kendra, Baramati
Malegaon Khurd, Tal: Baramati,
Dist: Pune (M.S), India-413115



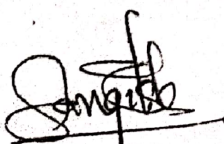


Rayat Shikshan Sanstha's
Dada Patil Mahavidyalaya, Karjat
Year 2021-22

DEPARTMENT OF BOTANY

Sr. No.	Roll No.	Name of the Student
	123	BHANDWALKAR PRITEE BUVASAHEB
	124	BHOSALE KISHORI SATAPAL
	125	CHAVAN KOMAL RAMA
	126	DESHMUKH CHANDRASHEKHAR SHIVAJI
	127	HOLAY VAISHNAVI BAPUSAHEB
	190	JANJIRE VARSHA APPA
	128	KAKADE PRATIKSHA RAJENDRA
	129	KALE AARTI RAJENDRA
	130	KARANDE DIPALI ASHOK
	131	KARPE PRATIBHA TUKARAM
	132	KHAMGAL SANDIP RAMA
	133	MOHALKAR ASHWINI UDDHAV
	134	MURKUTE POONAM SUNIL
	191	PAWANE ANIKET SATISH
	-	RAUT PRIYANKA POPAT
	135	SARGAR KAJAL DADA
	136	SARKALE DIPTI SHARAD
	137	SHELKE AKSHAY DILIP
	138	SHINDE PAYAL SANTOSH
	139	SHINDE RAKHI ASHOK
	140	SHINDE RESHMA NANA
	141	TORADMAL MANJUSHA SANJAY

Sr. No.	Name of the Faculty
1.	DR. MRS. S.A. KULKARNI
2.	DR. A.B. KADAM
3.	MS. S.V. GAIKWAD
4.	DR. D.S. WADAVKAR
5.	MR. T.D. PANSARE


Head

Department of Botany
Dada Patil Mahavidyalaya, Karjat





Rayat Shikshan Sanstha's
Dada Patil Mahavidyalaya, Karjat
Year 2021-22

DEPARTMENT OF BOTANY

Visit : To Krishik- Agro Exhibition at Sharadanagar, Baramati
Date : 11.2.2022

Attendance of Students
Class : T., Y..B.Sc.

* Transport : By Bus

Sr. No.	Roll No.	Name of the Student	Signature
23.	123	BHANDWALKAR PRITEE BUVASAHEB	—
24.	124	BHOSALE KISHORI SATAPAL	K.S. Bhosale.
25.	125	CHAVAN KOMAL RAMA	emal
26.	126	DESHMUKH CHANDRASHEKHAR SHIVAJI	—
27.	127	HOLAY VAISHNAVI BAPUSAHEB	Holay
28.	190	JANJIRE VARSHA APPA	—
29.	128	KAKADE PRATIKSHA RAJENDRA	—
30.	129	KALE AARTI RAJENDRA	—
31.	130	KARANDE DIPALI ASHOK	—
32.	131	KARPE PRATIBHA TUKARAM	Karpe
33.	132	KHAMGAL SANDIP RAMA	—
34.	133	MOHALKAR ASHWINI UDDHAV	Ashwini
35.	134	MURKUTE POONAM SUNIL	—
36.	191	PAWANE ANIKET SATISH	Pawane
37.	—	RAUT PRIYANKA POPAT	—
38.	135	SARGAR KAJAL DADA	—
39.	136	SARKALE DIPTI SHARAD	—
40.	137	SHELKE AKSHAY DILIP	—
41.	138	SHINDE PAYAL SANTOSH	—
42.	139	SHINDE RAKHI ASHOK	Shinde
43.	140	SHINDE RESHMA NANA	—
44.	141	TORADMAL MANJUSHA SANJAY	Shinde



Rayat Shikshan Sanstha's
Dada Patil Mahavidyalaya, Karjat
Year 2021-22

DEPARTMENT OF BOTANY

PERMISSION LETTER

Date : 9/2/2022

To,
The Principal,
Dada Patil Mahavidyalaya,
Karjat, Dist. Ahmednagar.

Subject : Permission for One day field visit to Krishik- Agro Exhibition,
Sharadanagar, Baramati

Respected Sir,

As per the Savitribai Phule Pune University, Pune BOS Syllabus, the field visit is compulsory for the students of TYBSc. & MSc. Botany students. Therefore, the department intends to arrange one day field visit to Krishik- Agro Exhibition, Sharadanagar, Baramati on 11th February 2022. The students will be accompanied by the faculty (15 per batch).

Kindly permit us for the same.

Thanking You,

Yours Sincerely,


Head

Department of Botany
Dada Patil Mahavidyalaya, Karjat

Permission granted
Approved
9.2.22



Rayat Shikshan Sanstha's
Dada Patil Mahavidyalaya, Karjat
Year 2021-22

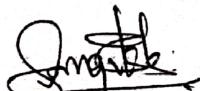
DEPARTMENT OF BOTANY

Visit : To Krishik- Agro Exhibition at Sharadanagar, Baramati

Date : 11.2.2022

Class : T.,Y..B.Sc.

Sr. No.	Name of the student	Date of Birth	Mobile	Email
1.	BHANDWALKAR PRITEE B.			
2.	BHOSALE KISHORI SATAPAL			
3.	CHAVAN KOMAL RAMA	31/1/2001	9675072944	komalchavan312001@gmail.com
4.	DESHMUKH CHANDRASHEKHAR S.	03/05/2001	7498922461	chandrasekhar.deshmukh.435@gmail.com
5.	HOLAY VAISHNAVI BAPUSAHEB	25/10/2001	9511742411	vaishnavi.holay83@gmail.com
6.	JANJIRE VARSHA APPA			
7.	KAKADE PRATIKSHA RAJENDRA			
8.	KALE AARTI RAJENDRA			
9.	KARANDE DIPALI ASHOK	17-04-2001	7218133988	dipalishok.karande@gmail.com
10.	KARPE PRATIBHA TUKARAM	17-9-2002	9112861589	karpepratibha47@gmail.com
11.	KHAMGAL SANDIP RAMA			
12.	MOHALKAR ASHWINI UDDHAV	24-9-2000	9960648700	mohalkarashwini2001@gmail.com
13.	MURKUTE POONAM SUNIL			
14.	PAWANE ANIKET SATISH	25/07/2001	9579449706	pawaneaniket5@gmail.com
15.	RAUT PRIYANKA POPAT			
16.	SARGAR KAJAL DADA			
17.	SARKALE DIPTI SHARAD			
18.	SHELKE AKSHAY DILIP			
19.	SHINDE PAYAL SANTOSH	10/06/2001	9960443261	shindepayalshinde3325@gmail.com
20.	SHINDE RAKHI ASHOK			
21.	SHINDE RESHMA NANA	27/07/2001	7498700515	reshmanshinde@gmail.com
22.	TORADMAL MANJUSHA SANJAY			


Head

Department of Botany
Dada Patil Mahavidyalaya, Karjat





Rayat Shikshan Sanstha's
Dada Patil Mahavidyalaya, Karjat
Year 2021-22

Date : 9/2/2022

PERMISSION LETTER

To,
The Principal,
Tuljaram Chaturchand College of Arts, Science & Commerce,
Baramati, Dist. Pune.

Subject : Permission for visit to the Laboratory and Research Centre...

Respected Sir,

The Dada Patil Mahavidyalaya, Karjat is proposing for a Research Centre in Botany in the near future. In this context, the faculty of Botany - Dr. S.A. Kulkarni (Head), Ms. S.V. Gaikwad and Dr. D.S. Wadavkar wants visit the Botany Laboratory and Research Centre of your College on **11th February 2022** with reference to construction and design.


Kindly permit us for the same.

Thanking You,

Yours Sincerely,



[Signature]
I/- PRINCIPAL
Dada Patil Mahavidyalaya
Karjat, Dist. Ahmednagar

 I/C Principal Dr. Nagarkar S.P. M.A., M.Phil, Ph.D., SET	Estd: 1964 Rayat Shikshan Sanstha's DADA PATIL MAHAVIDYALAYA Karjat, Dist A'nagar- 414402 (M.S.) Arts, Science & Commerce FOUNDER:- Padmabhushan Dr. Karmaveer Bhaurao Patil Website : www.dpcollege.in Savitribai Phule Pune University Best College Award (2004-05) Rayat Mauli Puraskar (2005-06)	NAAC ACCREDITED (A Grade) 'A' (2004-07) Jr. College HSC Board Code No. J12.03.001 PU/AN/ASC/08/1964 STD Code : (02489) Office : 222534 Fax : 223923 Email : dpcollege@yahoo.co.in

Refe. No. - 865 A-2021-22.

Date:-09/02/2022

To,

The Principal,

Tuljaram Chaturchand College of Arts, Science & Commerce,
 Baramati, Dist. Pune.

Subject:- Subject:- Permission for visit your college for Educational Purpose.....

Respected Sir,

The department of Botany, Dada Patil Mahavidyalaya, Karjat wants to visit your college for educational purpose along with students and teachers.

Students 10

Faculty-04

Kindly allow them for the visit.

Thanking you.

Allowed to
Visit Botanical
Garden and Laboratory



guc?
PRINCIPAL
 Dada Patil Mahavidyalaya
 Karjat, Dist. Ahmednagar

guc.
11/2/2022

Head,
 Department of Botany
 Tuljaram Chaturchand College
 Baramati (Dist. Pune)



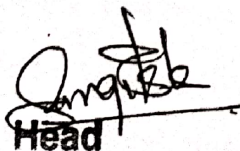
Rayat Shikshan Sanstha's
Dada Patil Mahavidyalaya, Karjat
Year 2021-22

DEPARTMENT OF BOTANY

8:00 Am

Sr. No.	Roll No.	Name of the Student	Signature Amount : 350/-
1.	123	BHANDWALKAR PRITEE BUVASAHEB	—
2.	124	BHOSALE KISHORI SATAPAL	Kis. Bhosale return
3.	125	CHAVAN KOMAL RAMA	Amal
4.	126	DESHMUKH CHANDRASHEKHAR SHIVAJI	Deshmukh
5.	127	HOLAY VAISHNAVI BAPUSAHEB	Holay
6.	190	JANJIRE VARSHA APPA	—
7.	128	KAKADE PRATIKSHA RAJENDRA	—
8.	129	KALE AARTI RAJENDRA	—
9.	130	KARANDE DIPALI ASHOK	—
10.	131	KARPE PRATIBHA TUKARAM	—
11.	132	KHAMGAL SANDIP RAMA	—
12.	133	MOHALKAR ASHWINI UDDHAV	Ashwini
13.	134	MURKUTE POONAM SUNIL	—
14.	191	PAWANE ANIKET SATISH	—
15.	-	RAUT PRIYANKA POPAT	—
16.	135	SARGAR KAJAL DADA	—
17.	136	SARKALE DIPTI SHARAD	—
18.	137	SHELKE AKSHAY DILIP	—
19.	138	SHINDE PAYAL SANTOSH	ShindePS
20.	139	SHINDE RAKHI ASHOK	—
21.	140	SHINDE RESHMA NANA	Shinde R. N.
22.	141	TORADMAL MANJUSHA SANJAY	—

Sr. No.	Name of the Faculty
1.	DR. MRS. S.A. KULKARNI
2.	DR. A.B. KADAM
3.	MS. S.V. GAIKWAD
4.	DR. D.S. WADAVKAR
5.	MR. T.D. PANSARE


Head

**Department of Botany
Dada Patil Mahavidyalaya, Karjat**

Rayat Shikshan Santha's
Dada Patil Mahavidhyalaya , Karjat ,
Tal – Karjat, Dist- Ahmednagar
Year 2021-2022

Department of Physics

Date – 08/02/2022

To,
The Principal,
Dada Patil Mahavidyalaya,
Karjat, Dist- Ahmednagar-414402

Subject – Permission for One Day Field Visit (Industrial Visit) at Agriculture Development Trusts "Krushik 2022" agriculture exhibition, Sharadanagar Baramati.

Respected Sir,

As per the Savitribai Phule Pune University, Pune BOS syllabus, the field visit is mandatory for the T.Y.B.Sc. Physics Students. Therefore, the department intends to arrange one-day field visit at "Krishik 2022"- Agro Exhibition Sharadanagar, Baramati on 11th February 2022. The students will be accompanied by the faculty (15 Students per batch).

Kindly permit us for the same.

Thanking You.

Permission Granted
Approved
9.2.22

H.S.A.
Head
Department of Physics

 <p>I/C Principal Dr. Nagarkar S.P. M.A., M.Phil, Ph.D., SET</p>	<p style="text-align: right;">Estd: 1964</p> <p style="text-align: center;">Rayat Shikshan Sanstha's</p> <p style="text-align: center;">DADA PATIL MAHAVIDYALAYA</p> <p style="text-align: center;">Karjat, Dist A'nagar- 414402 (M.S.)</p> <p style="text-align: center;">Arts, Science & Commerce</p> <p>FOUNDER:-Padmabhushan Dr.Karmaveer Bhaurnao Patil</p> <p style="text-align: center;">Website : www.dpcollege.in</p> <p>Savitribai Phule Pune University Best College Award (2004-05)</p> <p style="text-align: center;">Rayat Mauli Purskar (2005-06)</p>	<p>NAAC ACCREDITED (3rd Cycle)</p> <p>'A' (CGPA 3.07)</p> <p>Jr. College HSC Board Code No. J12.03.001 PU/AN/ASC/06/1964 STD Code : (02489) ☎ office : 222534 Fax : 223923 Email : dpcollege@yahoo.co.in</p>
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Date -09/02/2022

To,
The Chairman,
Agricultural Development Trust's Baramati,
Shardanagar, (Malegaon Bk),
Tal-Baramati.
Dist-Pune 413 115 Maharashtra, India.

Subject – Visit to “Krushik 2022” Agro Exhibition

Respected Sir,

The Department of Physics, Dada Patil Mahavidyalaya, Karjat has organised a One Day Field Visit (i.e. Industrial Visit) for T. Y. B.Sc. students to “Krushik-2022” Agro Exhibition at Shardanagar, Baramati on 11-02-2022(Friday).

Total Students	– 20
Faculty	– 04

Kindly allow them for this exhibition.

Thanking you



gvs

I/C Principal
Dada Patil Mahavidyalaya Karjat
Dist- Ahmednagar

Dada Patil Mahavidyalaya Karjat
Department of Physics
T.Y.B.Sc Students List
Field Visit (Industrial Visit)

Date – 10-02-2022

Sr. No	Name	Gender	Contact
1	Anarse priyanka hambirrao	Female	9307461453
2	Bhise Deepali Raghunath	Female	9623729264
3	Devkate Mukta Dada	Female	7977040468
4	Farande varsha Gopinath	Female	9021416022
5	Ganesh Bhoge	Male	9579241706
6	Gangarde Sakshi Sudhakar	Female	8308240799
7	Gangarde Shivani Raosaheb	Female	7499619071
8	Gorkhe Nikita dnyandev	Female	9545666825
9	Halnawar Vishal	Male	8459574080
10	Jadhav Priya Shahaji	Female	9975027673
11	Jagtap Vaishnavi Sambhaji	Female	8080005692
12	Jare Priti Dattatray	Female	9405754799
13	Karpe Sampada	Female	9112861589
14	Khatake Komal Tukaram	Female	7057292791
15	Mahajan Vedika S.	Female	9423202310
16	Maharnawar sahil sharad	Male	9112953237
17	Malave Rutuja Subhash	Female	8857902526
18	Sarode aniket rohidas	Male	7666557393
19	Tambe Rutuja Suresh	Female	9604319061
20	Waghmare Rutuja Sharad	Female	9356887823

Faculty

1. Mr. Balbhim S. Maharnavar (9763445583)
2. Miss. Amruta G. Shinde (7887931494)



PRINCIPAL
Dada Patil Mahavidyalaya
Karjat, Dist. Ahmednagar

 <p>Education through self-help is our motto - Karmaveer</p> <p>I/C Principal Dr. Nagarkar S.P. M.A., M.Phil, Ph.D., SET</p>	<p>Estd: 1964</p> <p>Rayat Shikshan Sanstha's</p> <p>DADA PATIL MAHAVIDYALAYA</p> <p>Karjat, Dist A'nagar- 414402 (M.S.)</p> <p>Arts, Science & Commerce</p> <p>FOUNDER:-Padmabhushan Dr.Karmaveer Bhaurao Patil</p> <p>Website : www.dpcollege.in</p> <p>Savitribal Phule Pune University Best College Award (2004-05)</p> <p>Rayat Mauli Purskar (2005-06)</p>	<p>NAAC ACCREDITED (3rd Cycle)</p> <p>'A' (CGPA 3.07)</p> <p>Jr. College HSC</p> <p>Board Code No. J12.03.001</p> <p>PUI/AN/ASC/06/1964</p> <p>STD Code : (02489)</p> <p>☎ office : 222534</p> <p>Fax : 223923</p> <p>Email : dpcollege@yahoo.co.in</p>

Date -09/02/2022

To,
The Chairman,
Agricultural Development Trust's Baramati,
Shardanagar, (Malegaon Bk),
Tal-Baramati.
Dist-Pune 413 115 Maharashtra, India.

Subject – Visit to “Krushik 2022” Agro Exhibition

Respected Sir,

The Department of Physics, Dada Patil Mahavidyalaya, Karjat has organised a One Day Field Visit (i.e. Industrial Visit) for T. Y. B.Sc. students to “Krushik-2022” Agro Exhibition at Shardanagar, Baramati on 11-02-2022(Friday).

Total Students – 20
Faculty – 04

Kindly allow them for this exhibition.

Thanking you

*20 students & 4
Faculty had visited
to Krushik-22 Technology Week
at KVK, Baramati on 11/02/2022.*



206

I/C Principal
Dada Patil Mahavidyalaya Karjat
Dist- Ahmednagar

R. D. L.

Head and Senior Scientist
Krishi Vigyan Kendra, Baramati
P. D. B. Khurd, Tal: Baramati,
Dist: Pune (M.S.), India-413115



 <p>Education through self belief is our motto - KARJAT</p>	<p>Estd: 1964</p> <p>Rayat Shikshan Sanstha's</p> <p>DADA PATIL MAHAVIDYALAYA</p> <p>Karjat, Dist A'nagar- 414402 (M.S.)</p> <p>Arts, Science & Commerce</p> <p>FOUNDER:- Padmabhushan Dr. Karmaveer Bhaurao Patil</p> <p>Website : www.dpcollege.in</p> <p>Savitribai Phule Pune University Best College Award (2004-05)</p> <p>Rayat Mantri Puraskar (2005-06)</p>	<p>NAAC ACCREDITED (3rd Cycle)</p> <p>'A' (2004-2007)</p> <p>Jr. College HSC</p> <p>Board Code No. J12.03.001</p> <p>PUI/AN/ASC/08/1964</p> <p>STD Code : (02489)</p> <p>Office : 222534</p> <p>Fax : 223923</p> <p>Email : dpcollege@yahoo.co.in</p>
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Ref. No. - 865 B - 2021/22.

Date: 09/02/2022

To,

The Principal,

Tuljaram Chaturchand College of Arts, Science & Commerce,

Baramati, Dist. Pune.

Subject:- Permission for visit your college for Educational Purpose.....

Respected Sir,

The department of Physics, Dada Patil Mahavidyalaya, Karjat wants to visit your college for educational purpose along with students and teachers.

Students -20

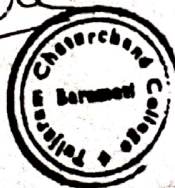
Faculty-04

Kindly allow them for the visit.

Thanking you.

Total 20 students
& 4 faculty visited
our physics Dept.

Boigale



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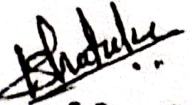
VC/PRINCIPAL
Dada Patil Mahavidyalaya
Karjat, Dist. Ahmednagar

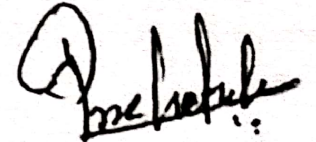
रयत शिक्षण संस्थेचे
दादा पाटील महाविद्यालय, कर्जत. जिल्हा-अहमदनगर.
सहल समंतीपत्रक

पालकांचे संपूर्ण नाव श्री. स्वतःके तुकाराम मोहन
पत्ता:- दोड ता. दोड जि. पुणे
दिनांक:- 10/12/2022

माझा पाल्य कुमार/कुमारी स्वतःके कोमल ही/हि आपल्या महाविद्यालयात बी.एस्सी. वनस्पतीशास्त्र भाग १/२/३ मध्ये शिकत असून या वर्षी बी.एस्सी. वनस्पतीशास्त्र विभागाने आयोजित केलेल्या शैक्षणिक सहलीत सहभागी होण्यासाठी मी माझ्या पाल्यास संमती देत आहे. श्री. शिक्षा/स्त्र

माझा पाल्य संपूर्ण सहलीत शिस्तीचे काटेकोर पालन करील. स्वतःचे व महाविद्यालयाचे नाव कोठेही बदनाम होणार नाही याची काळजी घेईल असे मी खात्रीपूर्वक नमूद करतो. सहलीत माझ्या पाल्याकडून कोणतेही गैरवर्तन झाल्यास होणाऱ्या दुष्परिणामास मी पूर्णपणे जबाबदार राहील.


विद्यार्थ्याची सही


आपला स्नेहांकित

 <p>V/C Principal Dr. Nagarkar S.P. M.A., M.Phil, Ph.D., SET</p>	<p>Estd: 1964 Rajal Shikshan Sanstha's DADA PATIL MAHAVIDYALAYA Karjat, Dist A'nagar- 414402 (M.S.) Arts, Science & Commerce FOUNDER:- Padmabhushan Dr. Karmaveer Bhaurao Patil Website : www.dpcollege.in Savitribai Phule Pune University Best College Award (2004-05) Rajal Mauli Puraskar (2005-06)</p>	<p>MAAC ACCREDITED (3rd Cycle) 'A' (2009-2017) Jr. College HSC Board Code No. J12.03.001 PU/AH/ASC/08/1984 STD Code : (02489) Office : 222534 Fax : 223923 Email : dpcollege@yahoo.co.in</p>
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Faculty-04

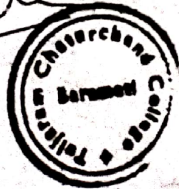
Kindly allow them for the visit.

Thanking you.

Total 20 students
& 4 faculty visited
our physics Dept.
Boingale



V/C PRINCIPAL
Dada Patil Mahavidyalaya
Karjat, Dist. Ahmednagar



Dada Patil Mahavidyalaya, Karjat

Department of Physics

Study Tour (Field Visit) Report

2021-2022

Date – 18-02-2022

Introduction:

The study tour or field visit as per the curriculum was an exposure trip to the place of educational importance. Study tours play an important role in educating students in a practical and interesting manner. Study tour aims at building life skills such as teamwork, communication problem solving skills and decision making that are only obtained through life experience. Department of Physics arrange one day tour programme to visit Krishik exhibition at Krishi Vigyan Kendra (KVK), Baramati and Tuljaram Chaturchand College, Baramati was planned for T.Y.B.Sc. (Physics) students. On 11th February 2022, about 20 students with 4 faculties went for a study tour (field visit) to Baramati.

Objective:

The first objective of the study tour was to get to know the more details about the new instruments and technologies which can be used in the agriculture to improve standards of the agriculture.

The second objective of the study tour is to learn about the different methods of the synthesis of nanoparticles and the instruments used for the characterization of nanoparticles.

Tour Report:

We all gathered in our campus at around 7:30 am. We started our journey towards our destination at 8:00 am with the guidance of our honourable principal Dr. Sanjay Nagarkar and head of the Physics department Dr. M. A. Patil.

We reached our first destination KVK, Baramati at about 10:00 am. KVK, Baramati is famous for implementation of new technologies and instruments in the agriculture to improve the qualitative and quantitative yield. There was number of new technical instruments are present which are useful for agriculture like crop tracker, hycler filter, movable oil machines. The students have collected the information about the instruments and their uses. Hycler filters are used for filtration of the water for the irrigation as well as fertilization. It is manual self-cleaning filter. With this invention, an era of putting three filters- Hydrocyclone filter, sand filter and screen filter comes to an end. The four level of filtrations are in one apparatus- a) perforated sheet, b) slant direction filtration, c) sand filtration, d) screen filtration. The crop tracker is a farm management tool used to help track crop data from seedling to delivery. It helps improve efficiency, accountability and awareness of the field and crop management. It also shows the weather forecasting, irrigation time, humidity information. We have completed our visit at KVK at around 2:30 pm and headed to the second destination.

At Tuljaram Chaturchand college we visited the Department of Physics. Firstly, Dr. V. S. Mohite has explained Chemical Bath Deposition, Sol-gel and Spray Pyrolysis method for the synthesis of nanoparticles. Then Prof. Dr. S. H. Pawar (Ex. Vice Chancellor D. Y. Patil

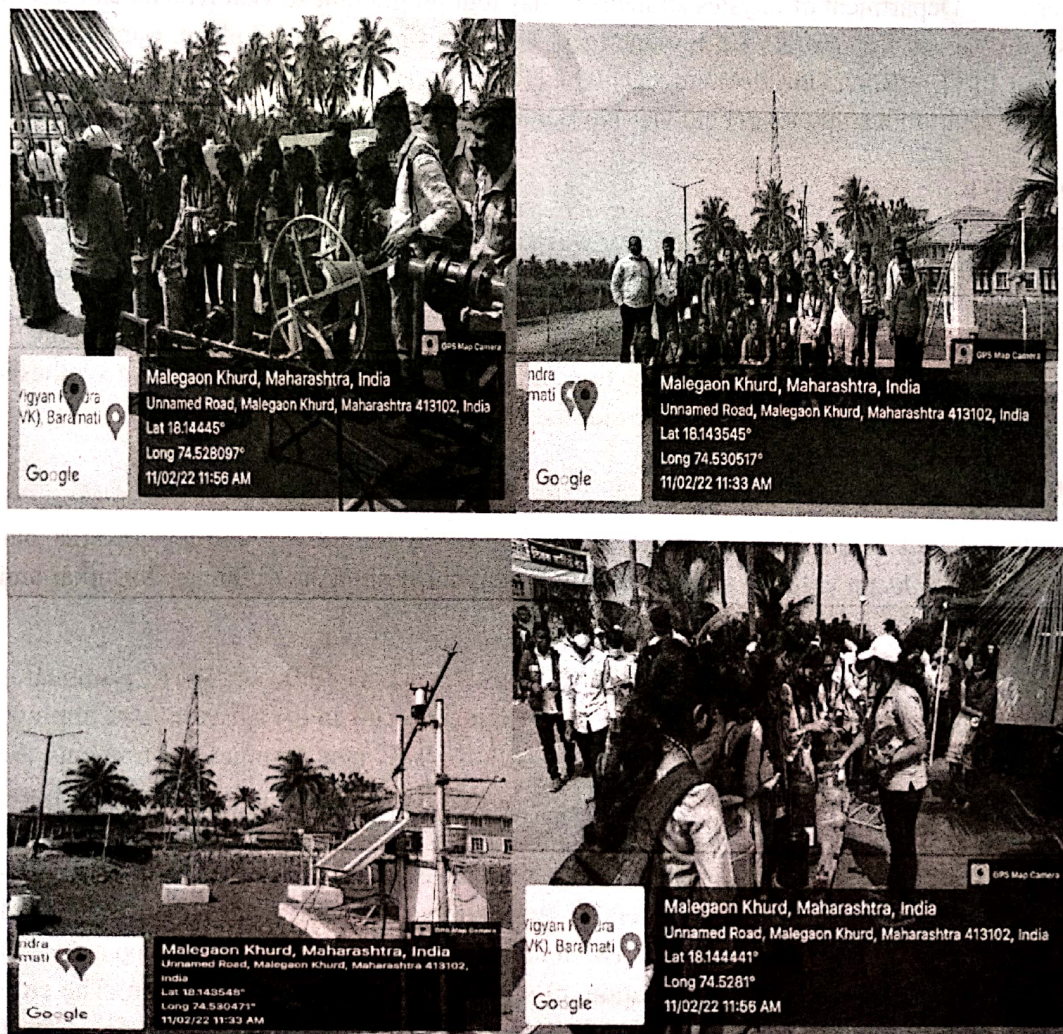
Medical University) discussed with the students on the careers after the graduation of Physics and opportunities for the physics students in coming future. After that we visited the common facility centre. The coordinator of this centre Dr. Rahul Bhondave has given an information about the characterization techniques like UV-Visible Spectrophotometer, UV inspection Chamber, Atomic Absorption Spectrometer, Fourier transform Infrared Spectroscopy which are used for the characterization and study of synthesised nanoparticles.

At the end we also have seen department of mass communication. Here we visited physics based Acoustic studio prepared by using the acoustic property of the wood and sponge. Dr. Pandit sir has explained that how they have used acoustic property in different ways like using a sponge mat and using a block of woods having a different shape.

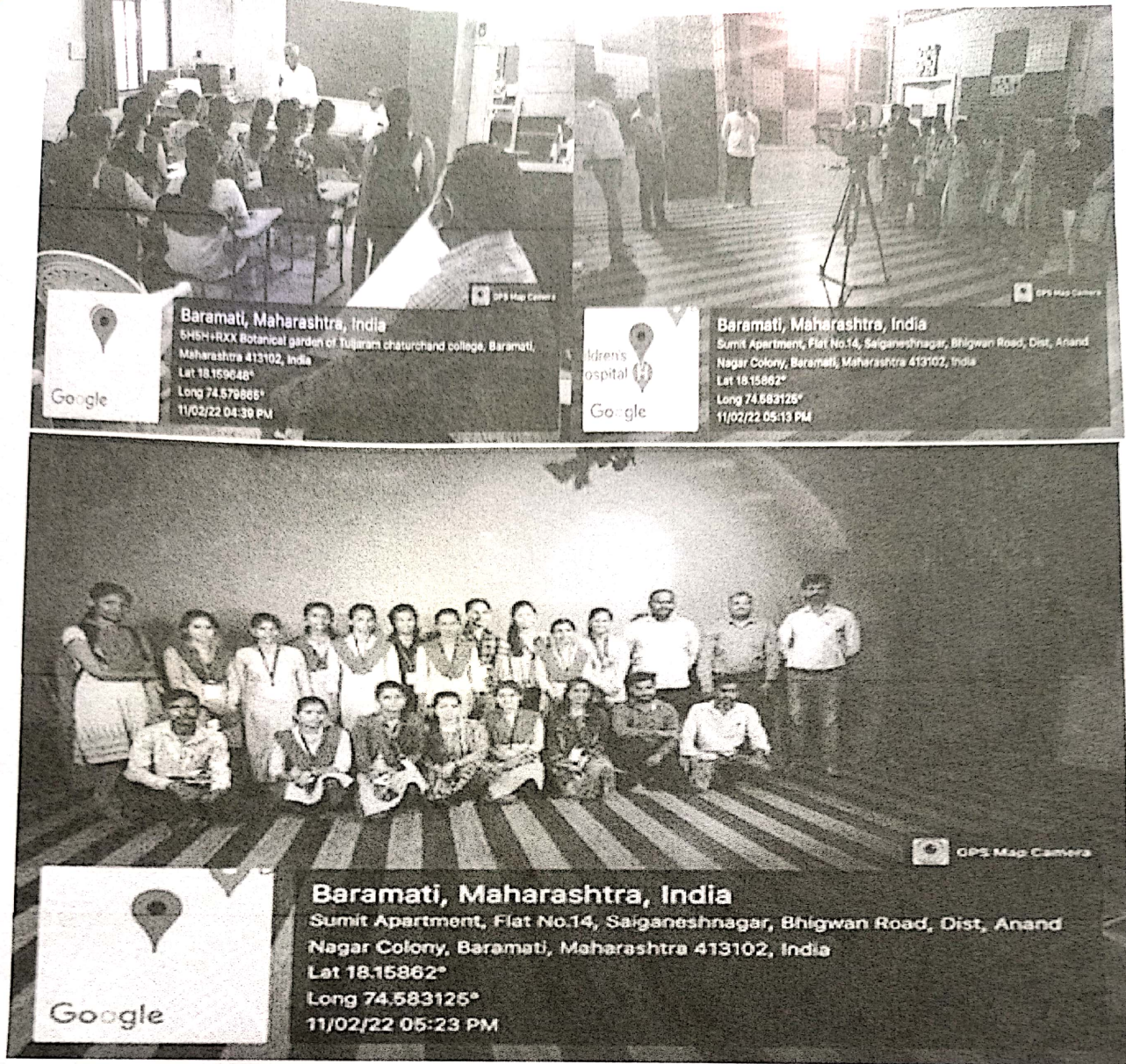
The principal of Tuljaram Chaturchand College, Baramati, Dr. Chandrashekhar Murumkar also has a short chat with our students and taken pictures with them.

Conclusion:

Our study tour ended about 6:00 pm. It can be concluded that the visit was successful and we believe that our objective was achieved. The students have learned something new about the instrumental technologies in agriculture field and nanoparticle synthesis.



(a) At Krushik 22 Agriculture Exhibition, Baramati



(b) At Tuljaram Chaturchand College, Baramati

[Signature]

Head

Department of Physics



[Signature]

I/C Principal

Dada Patil Mahavidyalaya, Karjat



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विश्वे अस्तित्व योग
रसायनशास्त्र विभाग मुख
दादा पटेल महविद्यालय,
मुंबई. जि. अहमदनगर
दि. २६/०६/२०२२

प्राप्ति:
मा. प्राचार्य,
दादा पटेल महविद्यालय, मुंबई
जि. अहमदनगर

विषय: टी. वाय की. एस्सी रसायनशास्त्र शैक्षणिक सहयोग
परवानगीबाबत.
महोदय,

मी विनंती अर्ज करतो की दि. २६/०६/२०२२
शेजी. टी. वाय की. एस्सी रसायनशास्त्र मा वर्गची
शैक्षणिक सहळ वसंत दादा शुगर मॅन्सरी मंडरी
आहे. सदर शैक्षणिक सहळीसाठी एकूण पाकीस विद्यार्थी
व ४ स्टाफ सहभागी होत आहे. तरी शैक्षणिक सहळीस
परवानगी मिळवी ही, विनंती आहे.

महोदय,

सर्व पत्रव्यवहार विभाग
चंगे संग्रहीत व
अनुसरण करणे.
७/९ दि. ०६.२०२२

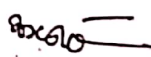


भाषला विश्वास
जि.
रसायनशास्त्र विभाग मुख


Rayat Shikshan Sanstha's
DADA PATIL MAHAVIDYALAYA,
Karjat, Dist-Ahmednagar
**Department of Chemistry &
Educational Field Visit
Students Notice**

Date: 21-04-2022

All the students of TYBSc Chemistry are hereby informed that the Department of Chemistry organizes the one day educational field visit on Thursday, 28 April 2022. In this education trip we have to visit the Vasantdada Sugar Institute (VSI), Manjari, Pune. The Institute strives for an all round progress of the sugar industry and to achieve this objective, it operates through three main channels viz., Academic, Extension and Research & Development. VSI is recognized as a Centre for Research by the Department of Science and Technology of the Central Government. The educational field visit is mandatory all TYBSc Chemistry students to gain the one credits of field visit. So, all the TYBSc Chemistry students registered their name for the educational field visit before the 26 April 2022.


Coordinator
(Educational Field Visit)


Head.
(Department of Chemistry)


I/C Principal
Dada Patil Mahavidyalaya
Karjat, Dist-Ahmednagar



Rayat Shikshan Sanstha's
DADA PATIL MAHAVIDYALAYA
KARIAT, DIST-AHMEDNAGAR

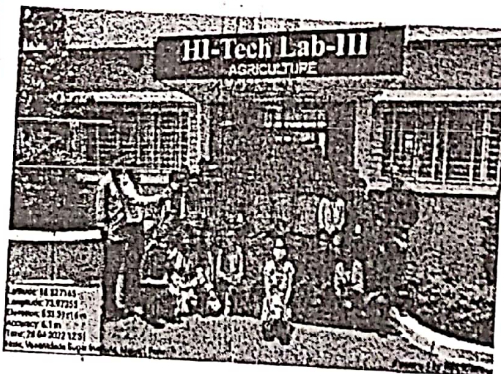
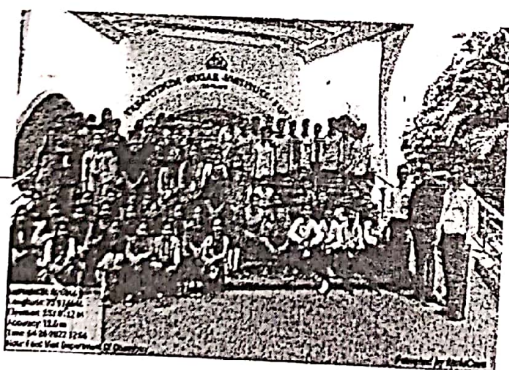
Department of Chemistry

Educational Field Visit Report

Visit Place: Vasantdada Sugar Institute, Manjari, Dist-Pune
(Premier Research and Development Organization in Sugar and Allied Industry)

Date/Day: Thursday, 28 April 2022

One day Educational field visit was organized by Department of Chemistry, as per the Savitribai Phule Pune University TYBSc chemistry curriculum on Thursday, 28 April 2022. In this one day educational trip the TYBSc chemistry students are visited to Vasantdada Sugar Institute, Manjari. Vasantdada Sugar Institute (VSI), formerly known as Deccan Sugar Institute, is an autonomous body which is a society registered under the Societies Registration Act, 1860 and under the Bombay Public Trusts Act, 1950. Established in the year 1975 by the sugarcane grower members of cooperative sugar factories in the State of Maharashtra, it is the only organization of its kind in the world. The Institute performs, under one umbrella, all scientific technical and educational functions relevant to the sugar industry. The Institute strives for an all round progress of the sugar industry and to achieve this objective, it operates through three main channels viz., Academic, Extension and Research & Development. VSI is recognized as a Centre for Research by the Department of Science and Technology of the Central Government.

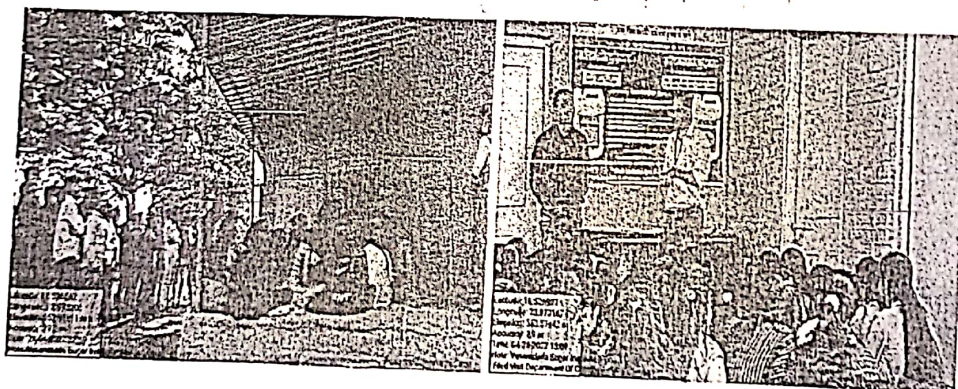
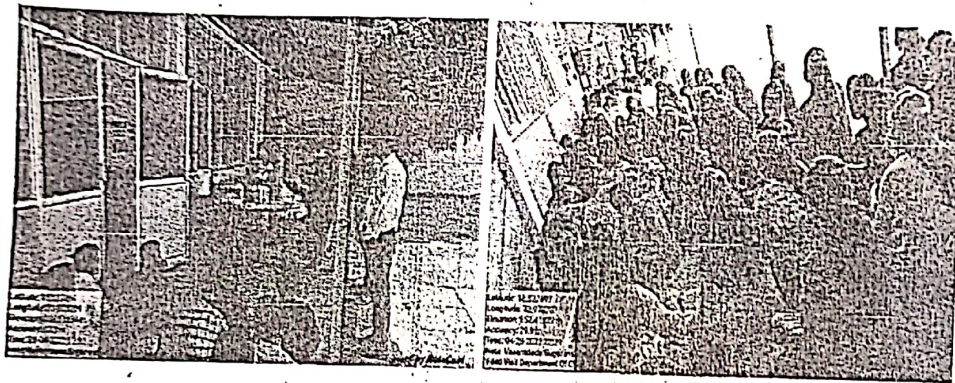


All in all there were 95 students of final year B.Sc Chemistry, who actively participated in the visit which was successfully coordinated by Dr. Ajit P Ingale and 6 faculty members, Prof.



Ashok Pise (Head), Dr. Ajit Ingale, Prof. Sagar Shinde, Prof. Sandip Gondake, Prof. Madhuri Pansare and Prof. Nisha Kaldate from Department of Chemistry. Principal of the college Dr. Sanjay Nagarkar wished all the students best and safe journey. We left our college at 6:30 am and reached Vasantdada Sugar Institute, Manjari by 10:30 am. We travelled in a two comfortable bus with 95 students and 6 Faculties. A brief introduction about VSI was given by Mr. Takalkar sir and then also welcomes the students and faculties.

Firstly we visited the Bio-fertilizer Production and Research Department. Miss. N. M. Naik explains the details about the Bio-fertilizer Production and Research done by the Vasantdada Sugar Institute, Manjari. Then we move towards the Soil analysis and Research Department. Mr. H. A. Pachpute explains the important of soil analysis in the crop production and also provides the information of about the application of biofertilizer on the basis of soil analysis report.



After the lunch break, we visited the first instrumentation laboratory of Vasantdada Sugar Institute and alcohol research technology laboratory. A. B. Deshmukh (Scientist) provides the



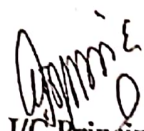
information about the various instruments such as HPLC, Gas chromatography, UV-Visible and IR Spectrophotometer and HRMS spectrometry. He said that, in sugar industry, the instrumentation and control systems are being used for measurement and control of various process variables such as flow, temperature, level, pressure, conductivity, Brix, pol, pH etc. of juice, syrup, massecuite, water, steam, vapours, RS, ENA, Ethanol etc. in sugar manufacturing, co-generation and distillery applications. Then all students visited the alcohol research technology laboratory. S. A. Patil (Alcohol technologist) provides the brief information about the alcohol technology and biofuels research going on in the Vasantdada Sugar Institute, Manjari.




Coordinator
(Educational Field Visit)


Head
(Department of Chemistry)




I/C Principal
Dada Patil Mahavidyalaya
Karjat, Dist-Ahmednagar



Rayat Shikshan Sanstha's
DADA PATIL MAHAVIDYALAYA
Karjat, Dist-Ahmednagar

Department of Chemistry
Industrial/Field Visit/Educational Trip
(Vasantdada Sugar Institute (VSI), Manjari, Pune)
Students Attendance Sheet

Date/Day: Thursday, 28 April 2022

Sr. No.	Roll No	Name of Students	Mobile No	Signature
1	30	Anarase Shripad Ramchandra	8538 266103	Shripad
2	31	Atole Sagar Parmeshwar	9325149576	Sagar
3	32	Bagal Kamini Balasaheb	9307472595	Bagal K.B.
4	33	Bandal Vijay Shantilal	7559206647	Bandal V.
5	34	Bharane Rutuja Shivaji		
6	35	Bharate Shivaji Rajendra	902273 2959	Bharate
7	36	Borate Somnath Maruti	7660504212	Borate
8	37	Dalavi Abhishek Balasaheb	7066488920	Dalavi A.
9	38	Damodare Rahul Navnath	9011896020	Damodare
10	39	Dhame Payal Sachin		
11	40	Dhande Vaishanvi Ishwar	9850607355	Dhande
12	41	Dhawale Rutuja Bapu	8010189575	Dhawale
13	42	Dhere Omkar Bhushan	9387451375	Dhere
14	43	Dukare Anita Ashok		
15	44	Dukare Anusaya Kashinath		
16	45	Gadade Pooja Bharat		
17	46	Gaikwad Trupti Lala		
18	47	Gaikwad Vaishanvi Sanjay	7972951650	Gaikwad
19	48	Galande Rutuja Zumbat	9370407483	Galande P.2.
20	49	Galande Supriya Dattatray	9028671528	Galande S.
21	50	Gangarde Rahul Dada	7287920422	Gangarde
22	51	Gavali Priyanka Dattatray		
23	52	Gawade Swapnil Bapusaheb	9132119484	Gawade
24	53	Gawade Yogesh Dadasaheb	9057028187	Gawade
25	54	Girme Jayshri Ankush	9021558098	Girme J.A.
26	55	Gupta Snehal Jitlal	9766687817	Gupta
27	56	Gurav Chandarani Balasaheb	8080746156	Gurav C.B.
28	57	Hake Komal Babasaheb	9307502550	Hake



30	59	Jadhav Rani Dada	945245409	Jadhav
31	60	Jadhav Vaishanvi Sanjay	9392721496	Jadhav
32	61	Jagdale Shivam Sunil		
33	62	Kadam Hariom Balasaheb	9219227035	Kadam
34	63	Kadam Manoj Sanjay	9376384502	Kadam
35	64	Kadam Shubham Dattatray	8208570008	Kadam
36	65	Kaldate Sneha Vijay	7085723536	Kaldate
37	66	Kale Pooja Navnath		Kale
38	67	Kale Rutuja Satish	9529877594	Kale
39	68	Kale Shital Gorakh	9860774578	Kale
40	69	Kalokhe Nikita Rajendra	9404316570	Kalokhe
41	70	Kambale Tanuja Ravindra	7517272980	Kambale
42	71	Kamble Sunil Balu	9970702658	Kamble
43	72	Kaugude Bhausaheb Dnyandev	450584876	Kaugude
44	73	Kawade Vishal Dhanaraj	9973227370	Kawade
45	74	Khedkar Ashwini Dattatray	8070557353	Khedkar A.D.
46	75	Lad Swapnil Dattatray	9561764482	Lad
47	76	Maharnawar Hanumant Kailas	8010698585	Maharnawar
48	77	Malshikare Dnyaneshwar Lahu	95527806	Malshikare
49	78	Mane Rashmi Ramdas	7387049797	Mane
50	79	Medhe Nikhil Sawata	7378001858	Medhe
51	80	Mohite Divya Dilip		
52	81	More Priya Angad	7218746119	More P.A.
53	82	More Vaishanvi Dharmnath	8010788681	More
54	83	Mulik Sanket Muralidhar	7887974645	Mulik
55	84	Nannaware Neha Vijay	9075465062	Nannaware
56	85	Nangare Gita Balu	8010162152	Nangare
57	86	Narsale Harshwardhan Ravindra	9307239587	Narsale
58	87	Navale Payal Pandurang	9503296379	Navale P.
59	88	Nigude Shaila Buvasaheb	9404530916	Nigude
60	89	Nikam Saurabh Jaysing	7822073589	Nikam
61	90	Pandit Gaurav Rajendra	9561922677	Pandit
62	91	Pardeshi Sakshi Bhagwat	9356579779	Pardeshi
63	92	Parkhe Shubhangi Jaysing	7498221821	Parkhe
64	93	Pawar Aishwarya Dnyandev		
65	94	Pawar Rutuja Dattatraya	9356919616	Pawar
66	95	Pimple Komal Vijay	9378863154	Pimple Komal V.
67	97	Punde Shraddha Anil	Shraddha	9156345660
68	98	Rakh Akshay Sanjay	9850700268	Rakh. A.S.



69	99	Ranadive Ashwini Mahadev	9373350890	Amund
70	100	Randhavan Nikita Shivaji	1119912246	1119912246
71	101	Rasal Aarti Shanad	9301028662	9301028662
72	102	Raut Pooja Maruti	7703208372	7703208372
73	103	Raut Rupali Balasaheb	9307028062	9307028062
74	104	Rote Vaibhav Gorakh	7559298077	7559298077
75	105	Sabale Omkar Pratap	7708259336	7708259336
76	106	Salve Sangharaj Bapu	8455467827	8455467827
77	107	Shelake Anjusha Sukhdev	8483043753	8483043753
78	108	Shelake Manjusha Sukhdev	9767708432	9767708432
79	109	Shelke Jayhari Laxman	0673633631	0673633631
80	110	Shinde Shraddha Vijay	7028906589	7028906589
81	111	Shinde Trupti Dattatraya	3757918315	3757918315
82	112	Shingade Priyanka Bhausaheb	7499422161	7499422161
83	113	Supekar Komal Gorakh	9881934487	9881934487
84	114	Supekar Pallavi Harishchandra		
85	115	Surywanshi Onkar Sanjay	7666870120	7666870120
86	116	Tamboli Ishra Nisar	8807064102	8807064102
87	117	Tapkir Vivek Balu	972516810	972516810
88	118	Thorat Pratiksha Rajendra		
89	119	Thorat Swati Anil	9028145737	9028145737
90	120	Vitekar Monali Sitaram	865350249	865350249
91	121	Wagh Rutuja Ajinath	8625937553	8625937553
92	122	Zinjade Shweta Sunil		
93	198	Vachkal Akshada Rajendra	950816567	950816567
94	199	Anarase Poonam Haridas	7559416364	7559416364
95	172	Kumbhar Aniket Navnath		

(Field Visit In charge)
(Dr. Ajit P Ingale)



Head
(Department of Chemistry)



Head

Dada Patil Mahavidyalaya



Rayat Shikshan Sanstha's

DADA PATIL MAHAVIDYALAYA, KARJAT

[Dist-Ahmednagar]

DEPARTMENT OF MATHEMATICS

Field Visit

Rayat Shikshan Sanstha's
Dada Patil Mahavidyalaya, Karjat
Dist-Ahmednagar[M.S.]

NAAC ACREADEATED "A" Grade 3rd Cycle
DEPARTMENT OF MATHEMATICS

Email: dpunkmaths@gmail.com
Web: www.dpcollege.in

Field Visit: INDEX

Sr. No	File Content
1	Permission Letter
2	Acceptance Letter
3	Notice
4	Student List
5	Parent Consent Letter
6	Student's Field Visit Report
8	Field Visit Report
9	Photo
10	Feedback Form



DADA PATIL MAHAVIDYALAYA

(Arts, Commerce and Science)

Karjat, Dist. Ahmednagar - 414 402 (M.S.)

☎ (02409) (O) 222534 (R) 222516, Email : dpcollege@yahoo.co.in Website : www.dpcollege.in

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Jr. College HSC Board - 12 003 001 Code No. SPPU / AN / ASC / 05 / 1954

Uc. Principal
DR. SANJAY NAGARKAR
M.A., M.Phil., Ph.D., SET

Savitribai Phule Pune University Best College Award (2004-2005) & Rayat Mauli Puraskar (2005-2006)

Date: 16/04/2022

Ref. No: 28/2022

To,
The Principal,
Parikrama College of Engineering,
A/P Kashti, Tal: Shrigonda,
Dist: Ahmednagar, 414701.

Subject: Permission for Educational Field Visit

Respected Sir,

With reference to the above mentioned subject, on behalf of the Department of Mathematics, Dada Patil Mahavidyalaya, Karjat, Dist-Ahmednagar, I hereby request you to allow us the permission to conduct field visit in your institute on 19th April 2022. This would be an educational visit in order to make it an opportunity for the students to attain good knowledge, get real-time experience and refresh their minds. Total 11 students and 02 faculty members will participate in field visit.

So, kindly give us the permission for the field visit in your institution

We look forward to the positive response from you.

Thanking You,

Head
Department of Mathematics



Principal
Dada Patil Mahavidyalaya,
Karjat, Dist-Ahmednagar



Rayat Shikshan Sanstha's
Dada Patil Mahavidyalaya, Karjat
Dist-Ahmednagar[M.S.]

NAAC ACREADEATED "A" Grade 3rd Cycle

DEPARTMENT OF MATHEMATICS

Email: dpmkmaths@gmail.com

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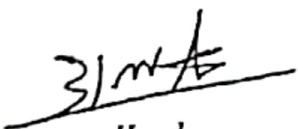
Date: 16/04/2022.

FIELD VISIT NOTICE


All the students of T.Y.B.Sc. Mathematics are hereby informed that, our Department is going to organize a field visit to **Parikrama College of Engineering, Shrigonda**, on 19th April, 2022. All the registered students should present in the college campus at 7:30 am sharp.

Important Instructions:

1. All students should have college identity card and a diary with pen.
2. Students come with cap, shoes (suitable for wetland walk), water bottle, Eco-friendly dressing (preferably college Dress code), Camera, Binocular and lunch.
3. All students should follow COVID-19 instructions.


Head
Department of Mathematics




Principal
Dada Patil Mahavidyalaya, Karjat,
Dist-Ahmednagar



रयत शिक्षण संस्थेचे
दादा पाटील महाविद्यालय, कर्जत, जि. अहमदनगर
शैक्षणिक-सहल
सैमानिपत्रक

पालकांचे नाव :- श्री
भाऊसाहेब ज्योतिबा काळे
पत्ता :- सु.पो : देववडी, ता:-
कर्जत, जि:- अ. नगर
दिनांक :- ३९ एप्रिल २०२२ -

माझा पाठ्य कुमारी काळे शुभांगी भाऊसाहेब ही
आपल्या महाविद्यालयात Bsc भाग ३ (Mathematics) शिकत
असून या वर्षी गणित विभागाने आयोजित केलेल्या शैक्षणिक
सहलीन सहभागी होण्यासाठी मी माझ्या पाठ्यास संमती देत
आहे.

माझा पाठ्य संपूर्ण सहलीन शिस्तीचे काटेकोर पालन
करीव स्वतःचे व महाविद्यालयाचे नाव कोठेही बदनाम
होणार नाही याची काळजी घेईल असे मी खात्रीपूर्वक नमूद
करतो. सहलीन माझ्या पाठ्याकडून कोणतेही भ्रष्टार्थन आल्यास
होणाऱ्या परिणामास मी पूर्णपणे जबाबदार राहीन.

हा
विद्यार्थ्याची सही

भाऊसाहेब काळे
आपला स्नेहान्वित,
(भाऊसाहेब काळे)



Rayat Shikshan Sanstha's
Dada Patil Mahavidyalaya, Karjat

Dist-Ahmednagar[M.S.]

NAAC ACREADEATED "A" Grade 3rd Cycle

DEPARTMENT OF MATHEMATICS

Email: dpmkmaths@gmail.com

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Field Visit Report

Introduction:

On 19th April 2022, eleven students with two faculty members from department of mathematics Dada Patil Mahavidyalaya, Karjat went for an educational field visit to Parikrama Institute of Engineering Kashti. We arrived there at 10:00 am. We planned to visit the institute and also to its various engineering branches to gain practical knowledge and real life applications of mathematics in the field of engineering.

Trip Objective:

- Career opportunities of mathematics in engineering field.
- Real life applications of mathematics in engineering field.
- Improving learning in the classroom by creating links to the engineering field.
- To get recent development of mathematics in engineering field.
- To get knowledge about mathematical software's (CAS) in engineering field.

Field Observation:

We were guided by a HoD Mathematics Parikrama Institute, who explained in detail about the scope of mathematics in the engineering field. We have visited various science departments, such as Mathematics, Physics, Chemistry, and Engineering departments, like Mechanical, Civil, electrical, Computer and IT, Electronics and Telecommunication etc. During our visit to various departments, students noted down the application of mathematics in various branches of Engineering. Finally, Hon. Prin. Dr Patil Sir of Parikrama Institute motivated students to use mathematics applications in the field of engineering. He also discussed the scope and opportunities for mathematics students in the engineering field.

Conclusion:

Our trip ended about at 1:30pm. It can be concluded that the trip was successful and we believed that our objective was achieved. We learned something new and beneficial for us. It was a well recommended trip especially for Mathematics students in order to gain practical knowledge of mathematics in various fields.



Rayat Shikshan Sanstha's
Dada Patil Mahavidyalaya, Karjat

Dist.- Ahmednagar, 414402

I.Q.A.C.

"Field Visit"

Academic Year- 2021-22

Feedback Form

Date: 19th April, 2022

Name: - Moholkar Amruta Phaneji Class: - T.Y. BSc. [Mathematics]
College/ School Name: Dadapati college karjat Department: - Mathematics
Email Id.: - amrutamoholkar2001@2001 Mobile No: - 8626046590

Dear Student,

Please give your frank and objective feedback about field visit organized by
Department of Mathematics Dada Patil Mahavidyalaya, Karjat. Your response will be
useful for further improvements in next lectures.

Section A:-

Sr. No.	Points	1 Excellent	2 Good	3 Satisfactory	4 Poor
01	How organized was the event?		✓		
02	Relevance of the topic		✓		
03	Real Life Applications		✓		
04	Subject knowledge of speaker	✓			
05	Overall, How would you rate this event?		✓		

Section - B: Your opinion/ suggestion for improvement in contents of the topic:

we want to college bus not private or S.T



moholkar
Student's Signature

Royal Shikshan Samithi's
Dada Patil Mahavidyalaya, Karjat
Dist-Ahmednagar[M.S.]

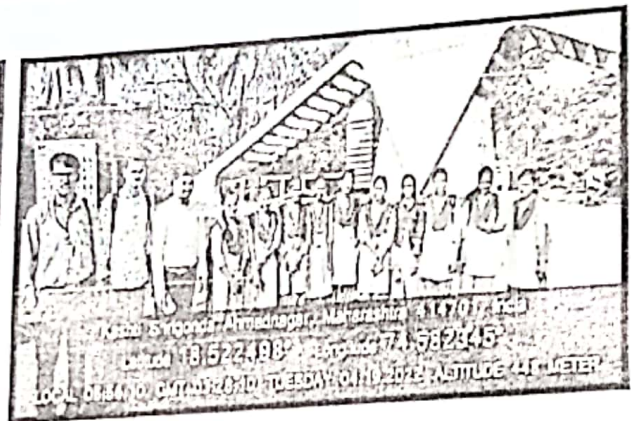
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Web: www.dpcollge.in

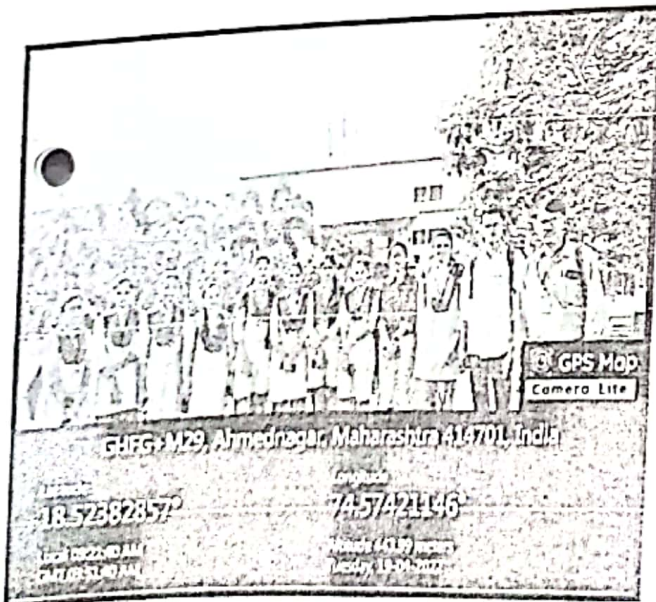
Field Visit: Photos



Journey starts from Bus Stand Karjat



At Parikrama Engineering Institute

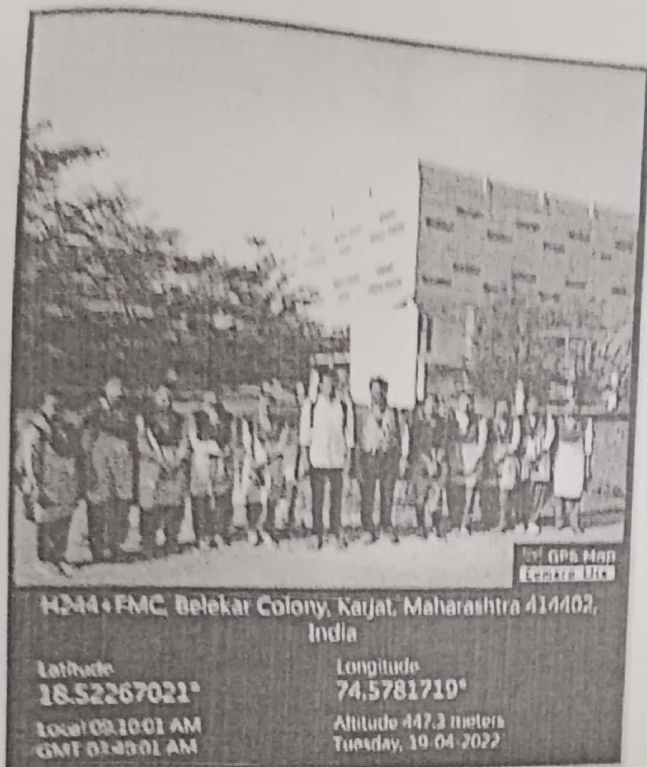


Degree Engineering College

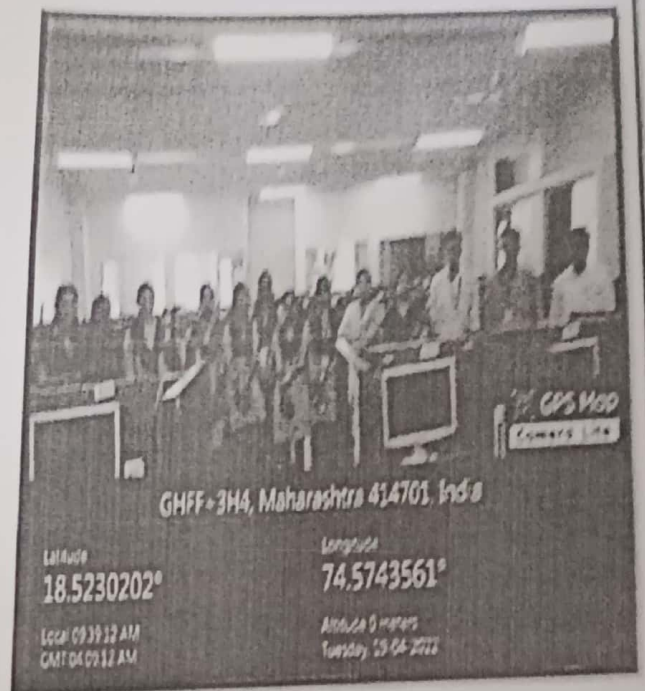


Guidance by Hon. Prin. Dr. Patil Sir

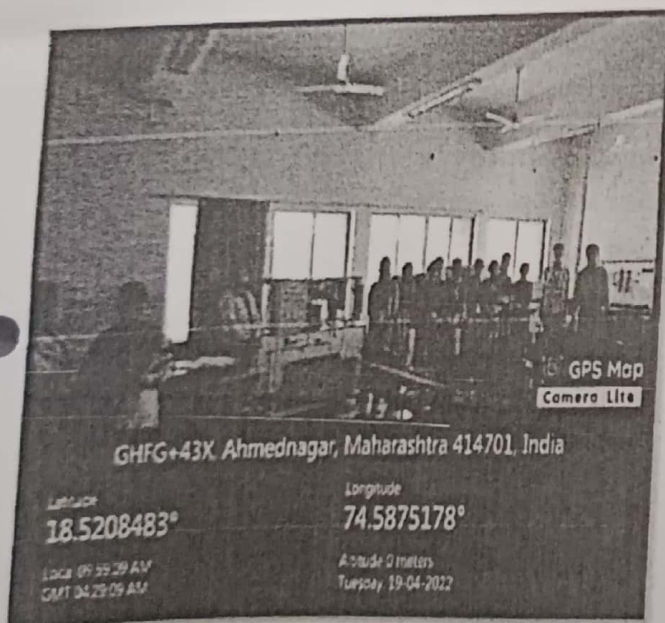




Polytechnic Engineering College



Computer Lab



Mechanical Engineering Department



Civil Engineering Department



सावित्रीबाई फुले पुणे विद्यापीठ
(पूर्वीचे पुणे विद्यापीठ),
भौतिकशास्त्र विभाग,

गणेशखिंड, पुणे-४११ ००७

दूरध्वनी क्र. : (०२०) २५६२२८०२/२५६२२८०३/२५६२२८००



SAVITRIBAI PHULE PUNE UNIVERSITY

(formerly University of Pune)

DEPARTMENT OF PHYSICS

Ganeshkhind, Pune - 411007.

Tel.No. : (020) 25622802/25622803/25622800

E-mail : @physics.unipune.ac.in

Website : http://physics.unipune.ac.in

PHYSDD/101

Date: 19.03.2022

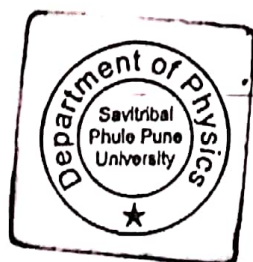
Linkages and Collaboration Certificate

The Department of Physics, Dada Patil Mahavidyalaya, Karjat, Dist-Ahmednagar are in terms of linkages and Collaboration from March 2022 to February 2026 (4 years) for the purposes of:

1. Visits for Research especially Experiments on Electron Irradiation and Thermoluminescence Dosimetry which may results in publications at international level with high impact factor.
2. Participating in Research Linkages for characterization of materials and Dose Measurements.
3. Establishing the co-joint research projects at the national level.
4. Students as well as faculty of college can have Exchange program for research, summer schools, and related academic activities.
4. To invite as a resource person in national level Symposium, Conference, Workshop and seminars (in face-to-face or distance mode).
5. To arrange invited special talks for undergraduate/ postgraduate students (in face-to-face or distance learning).

This understanding is signed only for the purpose of the research collaboration and
Linkages.

Collaborators	Institutions	Signature
Prof. Sanjay D. Dhole	Senior Professor, Microtron Accelerator Laboratory, Department of Physics, Savitribai Phule Pune University, Ganeshkhind-Road, Pune-411007, MH, India. Email: sanjay@physics.unipune.ac.in ; Mob: 9325688837/9637808883.	
Dr. Mahesh S. Bhadane	Assistant Professor, Department of Physics, Rayat Shikshan Sanstha's Dada Patil Mahavidyalaya Karjat, Dist-Ahmednagar, MH, India-414402. Email: mbhadane24@gmail.com Mob: 91-9850229088/8830115792.	



Prof. Dr. Sanjay D. Dhole
Senior Professor
Department of Physics
Savitribai Phule Pune University
Pune - 411007



सावित्रीबाई फुले पुणे विद्यापीठ
(पूर्वीचे पुणे विद्यापीठ)
भौतिकशास्त्र विभाग
गणेशखिंड, पुणे-४११००७
दूरध्वनी क्र. (०२०) २५६२२८२८



Savitribai Phule Pune University
(formerly University of Pune)
Department of Physics
Ganeshkhind, Pune - 411007
Tel. No. : (020) 25622828
E-mail : ssd@physics.unipune.ac.in
Website : <http://physics.unipune.ac.in>

PHY/SSD/102

Date: 19/03/2022

-Linkages and Collaboration-

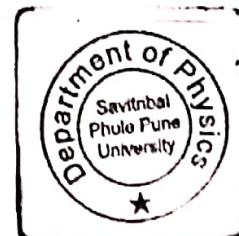
The Department of Physics, Dada Patil Mahavidyalaya, Karjat, Dist-Ahmednagar are in terms of linkage and Collaboration from 2022-2027 (5 years) for the purposes of:

1. Short visits as visiting professor,
2. Participating in Research Linkages for experiments and characterization,
3. Establishing conjoint research in national and international projects, resulting in paper publications,
4. Students as well as faculty Exchange for research, summer schools, and related activities.
4. Acting as speaker in Symposium, Conference, Workshop and seminars (in face-to-face or distance mode),
5. Giving lectures/international seminars to undergraduate/ postgraduate students (in face-to-face or distance learning),
6. In exchange, I intend to collaborate in the same way with you and with your institution, which is also my personal and professional goals.

This understanding is signed only for the purpose of the research collaboration and Linkages.

Collaborators	Institutions	Signature
Dr. Shailendra S. Dahiwale	Department of Physics, Savitribai Phule Pune University, Ganeshkhind Road, Pune-411007, MH, India. Email: ssd@physics.unipune.ac.in ; shailsd@gmail.com Mob: 8108001200.	
Dr. Mahesh S. Bhadane	Department of Physics, Rayat Shikshan Sanstha's Dada Patil Mahavidyalaya Karjat, Dist-Ahmednagar, MH, India-414402. Email: mbhadane24@gmail.com Mob: 91-9850229088	

Assistant Professor
Department of Physics
Savitribai Phule Pune University
Pune - 411 007
Assistant Professor,
Department of Physics,
Savitribai Phule Pune University, Pune 411007, India



सावित्रीबाई फुले पुणे विद्यापीठ

(पूर्वीचे पुणे विद्यापीठ).

भौतिकशास्त्र विभाग,

गांधीनगर, पुणे - ४११ ००७

दूरध्वनी क्र. (०२०) २५६२२८०२/२५६२२८०३/२५६२२८००



SAVITRIBAI PHULE PUNE UNIVERSITY

(formerly University of Pune)

DEPARTMENT OF PHYSICS

Gandhinagar, Pune - 411007

Tel No. (020) 25622802/25622803/25622800

E-mail: physics@unipune.ac.in

Website: <http://physics.unipune.ac.in>

File No. / 2022 / 90

Date: 15.03.2022

To,
Dr. Mahesh S. Bhadane
Assistant Professor,
Dada Patil Mahavidyalaya Karjat
Dist-Ahmednagar-414402

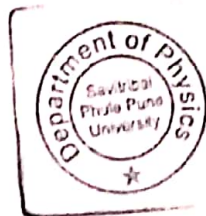
Subject: Invitation for Linkages and Research Discussion on Low Energy Ion Beam Facility.

Dear Dr. Bhadane,

I am pleased to invite you to the Department of Physics, Savitribai Phule Pune University Pune on the date of March 19, 2022 for the discussion about the topic of "Low Energy Ion Beam Facility (LEIBF)". The program of the meeting is as follows:

1. Discussion on the Low Energy Ion Beam Facility for further research work.
2. Visit to the LEIBF laboratory and check experimental setup.
3. Any other issues regarding Linkages & Collaboration will be discussed at the time of the meeting.

Hope to see you during the Research discussion and schedule of the LEIBF laboratory visit.



S. Dahiwal
Dr. Shailendra S. Dahiwal
Assistant Professor
Assistant Professor
Department of Physics
Savitribai Phule Pune University
Pune - 411 007



DADA PATIL MAHAVIDYALAYA

(Arts, Commerce and Science)

Karjat Dist. Ahmednagar - 431 107, M.S.

Website: www.dadapatilmahavidyalaya.org Email: info@dadapatilmahavidyalaya.org

NAAC Accreditation (3rd Cycle) 'A' Grade (CGPA 3.67)

Phone: 020-2666-1000, 2666-1001, 2666-1002, 2666-1003, 2666-1004

Dr. Principal
DR. SANJAY NAGARKAR
M.A. (Hons.) Ph.D. (S)

Savitribai Phule Pune University Best College Award (2004-2005) & Rajawade Puraskar (2005-2006)

Ref: O.W./111 /2021-22

Date: 05.05.2022

To
Dr. Shailendra S. Dahiwale,
Assistant Professor,
Department of Physics,
Savitribai Phule Pune University,
Pune-411007.

Subject: Activities under Linkages and Collaboration

Dear Sir,

Our T.Y.B.Sc. M.Sc Physics students and 3 faculties (Dr. Bhadane, Mr. Maharnavar, and Miss. Shinde) are planning to visit the Department of Physics, SPPU, Pune on 12th May 2022 under the *faculty and student exchange activities*. Therefore, I request you to please allow them to visit and study the *Low Energy Ion Beam Facility Lab and other related facilities*. Moreover, we are also requesting you to guide our students on the topic of Low Energy Ion Beam Irradiation and its applications. So that it can be beneficial for enhancing students' research ability and furthering their future endeavors as well.

Thank you for your constant support and cooperation.

Thanking you,

Dr. Principal
Dada Patil Mahavidyalaya

Shailendra S. Dahiwale
12/05/2022
Assistant Professor
Department of Physics
Savitribai Phule Pune University
Pune - 411 007



Dr. Principal
Dada Patil Mahavidyalaya
Karjat, Dist. Ahmednagar



48 students & 1 staff
were visited to NISER
Neutron Lab under student
& faculty exchange program



DADA PATIL MAHAVIDYALAYA

(Arts, Commerce and Science)

Karjat, Dist. Ahmednagar - 414 402 (M.S.)

☎ (02489) (O) 222534 (R) 222519 Email: dpcollege@yahoo.co.in Website: www.dpscollege.in

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College HSC Board - 12 002 001 Course No: SPPU - AN - ASG - 06 - 1964

To Principal
DR. SANJAY NAGARKAR
M.A. M.Phil. Ph.D. SET

✦ Savitribai Phule Pune University Best College Award (2004-2005) ✦ Rayat Mauli Puraskar (2005-2006)

Ref: O.W./110/2021-22

Date: 05.05.2022

To

Prof. Dr. Sanjay D. Dhole,

Senior Professor,

Department of Physics,

Savitribai Phule Pune University,

Pune-411007.

Subject: Activities under Linkages and Collaboration.

Dear Sir,

Our T.Y.B.Sc, M.Sc Physics students and 3 faculties (Dr. Bhadane, Mr. Maharnavar, and Miss. Shinde) are planning to visit the Department of Physics, SPPU, Pune on 12th May 2022 under the *faculty and student exchange activities*. Therefore, I request you to allow to visit your laboratories. Moreover, please guide them about Microtron Accelerator and Neutron Generator and other related facilities. We are also requesting you to arrange the fundamental lecture on the topic of Microtron Accelerators and their applications. So that it can be beneficial for enhancing students' research ability and furthering their future endeavors as well.

Thank you for your constant support and cooperation.

Thanking you,

Head
Dept. of Physics
Dada Patil Mahavidyalaya
Karjat, Dist. Ahmednagar

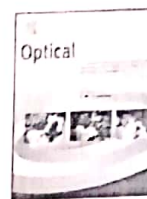
Received
12/05/2022
Senior Professor
Department of Physics
Savitribai Phule Pune University
Pune - 411007



Principal
Dada Patil Mahavidyalaya
Karjat, Dist. Ahmednagar



48 students & 4 staffs
were visited to Microtron
& Neutron Lab under student
& faculty exchange program.



Effect of low energy nitrogen ion irradiation on MoO₃ films

Ashish Thorat^a, Kalyani Tikote^b, Mahesh Bhadane^c, Ambadas Phatangare^a, Vasant Bhoraskar^a,
Sanjay Dhole^{a,*}, Shailendra Dahiwal^{a,*}

^a Microtron Accelerator Laboratory, Department of Physics, Savitribai Phule Pune University, Pune, 411007, India

^b Electrochemical Laboratory, Department of Physics, Savitribai Phule Pune University, Pune, 411007, India

^c Department of Physics, Rayat Shikshan Sanstha's Dada Patil Mahavidyalaya, Karjat, 414402, India

ARTICLE INFO

Keywords:

α -MoO₃

EPD

Low energy ion irradiation

Bandgap

UV-Vis

ABSTRACT

In the present work, Molybdenum trioxide (MoO₃) thin films were deposited by the electrophoretic deposition (EPD) method. Low energy ion irradiation was used to alter the materials properties of MoO₃ films. Ion irradiation was carried out at a constant ion fluence of 2.16×10^{16} ions/cm² for energies varying from 10 keV to 40 keV. The X-ray diffraction (XRD) and Raman spectroscopy revealed the orthorhombic α -MoO₃ phase. The optical band gap was observed to change from 3.73 eV to 3.08 eV in a controlled manner due to ion irradiation. Morphology of nanobelt-like structures was seen at the highest energy of ion irradiated films. Atomic force microscopy (AFM) revealed a decrease in the surface roughness with an increase in irradiated ion energy. All results are in corroboration with each other and comprehend the process of tailoring the material properties of MoO₃ thin film due to low energy ion irradiation. These tailored properties could be useful for electronic or optical device applications.

1. Introduction

Transition metal has gained much attention in the last decade due to its good chemical stability, specific material properties, easy fabrication, and largely because of its broad applications in electronic, optoelectronics, and microelectronics devices, energy storage devices, gas sensors, catalysts, etc [1–8].

MoO₃ is a wide bandgap (3.80 eV) n-type metal oxide semiconductor material with a layered structure composed of distorted MoO₆ octahedra [9–11]. The metal oxides when exposed to high-energy radiation leads to the formation of lattice defects [12] such as vacancies as well as dislocation loops near the interface. We can use either MeV, keV, or eV energy ions to modify the materials properties. However, if MeV energy is used, its range in the material is high, for example, 100 MeV, Nitrogen ion can penetrate 99.36 μ m in MoO₃ and it modifies the bulk properties as well. On the other hand, eV energy is restricted to only one or two atomic layers of MoO₃. In this study, keV energy is used to modify a few nanometer surface region of the materials, this is because present-day devices are made in nanometric dimensions and sizes. During the ion matter interaction, ions lose energy in the materials via two dominant processes viz. electronic energy loss (S_e) and nuclear energy loss (S_n).

The amount of energy loss or dose deposited in the target material via S_e and S_n depends on energy of bombarding particle, atomic number of incident and target atoms [13,14]. As a result of which materials properties may get altered.

The nanostructures have high surface to volume ratio's as compared to bulk because of it the materials properties significantly gets modified, which shows diverse and wide applications in various nanodevices, nanosensors and many other electronic devices. Various morphologies such as nanotubes, nanobelts, nanowires, and nanoplates play a key role in functional materials [15]. The nanobelts of MoO₃ are used as a photo-thermal materials in the interfacial of solar driven evaporation [16]. To provide durable and steady-localized surface plasmon resonances (LSPRs) in the visible and near infrared region α -MoO₃ is used [17,18]. α -MoO₃ nanoparticles and its composites are used in photonic and optoelectronic devices [19–21]. MoO₃ is also favourable anode material for lithium-ion batteries due to its durability, recyclability, and consistency [22]. MoO₃ occurs in three forms, thermodynamically stable orthorhombic α -MoO₃ phase, monoclinic MoO₃ (β -MoO₃) and hexagonal MoO₃ (h-MoO₃) metastable phase [22]. These metal oxides are also used in radiation detectors [23].

To create defects and induce impurities, the ion irradiation technique

* Corresponding author.

** Corresponding author.

E-mail addresses: sanjay@physics.unipune.ac.in (S. Dhole), ssd@physics.unipune.ac.in (S. Dahiwal).

<https://doi.org/10.1016/j.optmat.2022.112349>

Received 21 February 2022; Received in revised form 4 April 2022; Accepted 7 April 2022

Available online 26 April 2022

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Rayat Shikshan Sanstha's

Dada Patil Mahavidyalaya Karjat (Dist-Ahmednagar)

Class: T.Y.B.Sc

Subject: PHY-3611 SEC (AA): Radiation Physics.

Activity Name: "Study of commercially available portable, handy radiation dosimeters".

Date & Time: 12.05.2022 (10.00 AM-11.00 AM).

Venue: Microtron Accelerator Laboratory, Dept. of Physics, SPPU, Pune

-Attendance Sheet-

Sr. No.	Students Name	Signature
1	Gangarde shivani Raosab	Gangarde
2	Sunayadashi shubhangi D.	shubhangi
3	Gangarde Sakshi Sudhakar	Gangarde
4	Bhoge Ganesh	Bhoge
5	Bhise Deepali R.	D. Bhise
6	Anase Priyanka Hambirao	Anase
7	Farande Varsha Gopinath	Farande
8	Hanaware Vishal Mohan	Hanaware
9	Jadhav Ptiya Shahaji	Jadhav
10	Karpe Sampada Devidas	Karpe
11	Jore Priti Dattatraya	Jore
12	Jagtap Vaishnavi Sambhaji	Jagtap
13	Sapode Aniket Rohidas	Sapode
14	Pawar Mahesh Somnath	Pawar
15	Gorkhe Nikita Dnyanesh	Gorkhe N.P
16	Malave Rutuja Subhash	Malave
17	Tambe. Rutuja Suresh	Tambe. R.S
18	Sawant Rutuja Ramesh	Sawant. R.R
19	Waghmare Rutuja Sharad	Waghmare
20	Mahajan vedika sanjay	Mahajan
21	Khatake Komal Tukaram	Khatake
22	Mahadwar Sahil Sharad	Mahadwar
23		

Subject In-charge



Demonstrator
Gavhane Kishor H.
Dept. of Physics, SPPU, Pune.



Rayat Shikshan Sanstha's

Dada Patil Mahavidyalaya Karjat

(Dist-Ahmednagar)

Class: T.Y.B.Sc

Subject: PHY-3611 SEC (AA): Radiation Physics.

Activity Name: "Study of commercially available portable, handy radiation dosimeters".

Date & Time: 12.05.2022 (10.00 AM-11.00 AM).

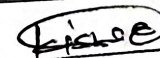
Venue: Microtron Accelerator Laboratory, Dept. of Physics, SPPU, Pune

-Attendance Sheet-

Sr. No.	Students Name	Signature
1	Jagtap Vaishnavi Sambhaji	Jagtap
2	Tare Priti Dattatraya	Priti
3		
4		
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23		


Subject In-charge





Demonstrator
Gavhane Kishor H.
Dept of Physics,
SPPU, Pune.

Name - Jagtap Vaishnavi Sambhaji

Roll no - 17

Activity no - 3

Title - Study of commercially available portable, handy radiation detectors.


Shadav
28/05/22

Personal dosimeter-

Personal dosimeter are used to measure external radiation exposures. personal dosimeter usually record a dose which is the absorbed radiation energy measured in grays (Gy) or the equivalent dose measured in sieverts (Sv).

Personal dosimeter is used primarily (but not exclusively) to determine doses to individuals who are exposed to radiation related to their work activities.

There are two kinds of dosimeters -

Passive dosimeter-

Commonly used passive dosimeters are the Thermo-Luminescent Dosimeter (TLD) and the film badge. A passive dosimeter produces a radiation-induced signal, which is stored in the device. dosimeter is the processed and the output is analyzed.

Active dosimeter-

To get the real time value of your exposure you can instead use an active dosimeter, typically an electronic personal dosimeter (EPD). An active dosimeter produces a radiation-induced signal and

displays a direct reading of the detected dose or dose rate in real time.

Film Badge Dosimeter -

"The film badge, film badge dosimeters are small portable devices for monitoring cumulative radiation dose due to ionizing radiation."

- The badge dosimeters are for one-time use only, they cannot be reused.
- The film badge dosimeters are for one-time use only, they cannot be reused.
- The badge incorporates a series of filters used to measure and record radiation exposure due to gamma rays, X-rays and beta particle.
- To monitor beta particle emission, the filter of different thickness and of different materials; the precise choice may be determined by the environment to be monitored.
- To monitor beta particle emission, the filter use various densities of plastic or even label material.
- The badge consists of two parts: photographic plate and a holder.

Examples of Filters -

- There is an open window that makes it possible for weaker radiations to reach the film.
- A thin plastic filter which attenuates beta radiations but passes all other radiation.
- A thick plastic filter which passes all but lowest energy photon radiation and absorbs all but the beta radiation.
- A dural filter which progressively absorbs photon radiation at energies below 65 KeV as well as beta radiation.
- A tin/lead filter of a thickness which allows an energy independent dose response of the film over the photon energy range 75 KeV to 2 MeV.
- A cadmium lead filter can be used for thermal neutrons detection. The capture of neutrons (n, γ) reaction by cadmium produces gamma rays which blacken the film thus enabling assessment of exposure to neutrons.

Advantages of Film dosimeters -

- A film badge as a personal monitoring device are very simple and therefore they are not expensive.
- A film badge provides a permanent record.

- A Film badge dosimeter are very reliable.
- A Film badge is used to measure and record radiation ~~cannot be accurate measured~~. exposure due to gamma rays, and beta particles.

Disadvantages of Film Dosimeter-

- Film dosimeter usually cannot be read on site instead of they have to sent away for developing.
- Film dosimeters are for one-time use only, they cannot be reused.
- Exposure of less than 0.2 mSv (20 milire of gamma radiation cannot be measured).

Thermoluminescence Dosimeter-

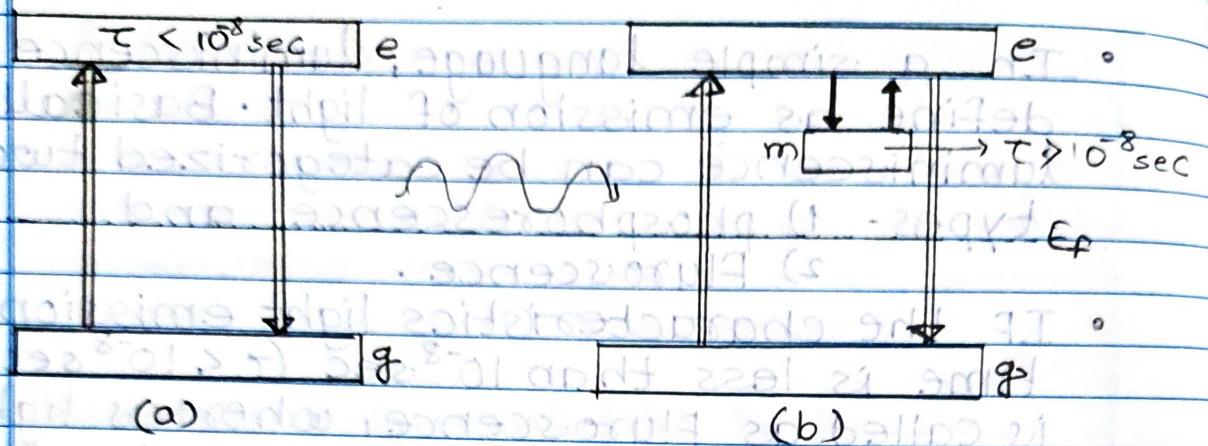
Dosimeter, the measurement or the method of measurement or the instrument which measures the ionizing radiation is a fundamental tool in the feild of radio-protection.

Defination of Thermoluminescence-

Thermoluminescence is the phenomena of light emission during a warming a previously irradiated substance with uniform heating.

- In a simple language, luminiscence is define as emission of light. Basically luminiscence can be categorized two types- 1) phosphorescence and 2) Fluorescence.
- IF the characteristics light emission time is less than 10^{-8} sec ($\tau < 10^{-8}$ sec) is called as Fluorescence, whereas light ~~emission~~ emission time is greater than 10^{-8} sec ($\tau > 10^{-8}$ sec) is called phosphorescence.
- The phosphorescence process- totally depends on metastable state level, a level between ground state and excited state which trapes an electron when excited for longer time duration.
- More precisely, Fluorescence is a temperature independent but time dependent while, phosphorescence is a temperature dependent but time independent.

For the more clarify, consider the ground state 'g' and excited state 'e' as illustrated in fig (a). ~~Fluorescence~~ Fluorescence is spontaneous emission of light from e to g prior to that an excitation of an electron from g to e take place due to same physical process fig(a). On the other case the emission of light is delayed due to transition of electron to metastable state (whose life time is quite high) rather than directly to ground state in fig (b). This process



The energy levels of (a) ground state g and excited state e showing the process of fluorescence. (b) Decay emission due to metastable state m in betⁿ excitation & emission process of phosphorescence.

indicate phosphorescence. If the trap energy level is deep having energy more than thermal energy KT , then e^- gets trapped for long st. time.

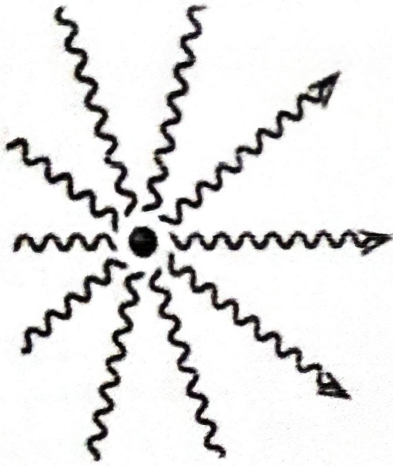
Application of Thermoluminescence Dosimetry -

In the current scientific world, ionizing radiation have become extremely useful tool in medicine, science, engineering and technology. In the field of dosimetry the precise measurement of radiation absorbed dose is an important factor in all application whenever dosimeters are used. The accurate determination of radiation absorbed energy from the ionizing radiation possible with the phosphor material.

Thermoluminescence dosimetry (TLD) is already applied in various field and now extended to whole spectrum of disciplines such as forensic science, archaeology, geology, radiation physics, radiation dosimetry, space sciences, and many more.

TLD
photo

~~Shadab~~
24/05/22



Rate of radioactive decay
measured in bequerels or curies



Film badge or dosimeter
measures tissue damage
exposure in rems or sieverts

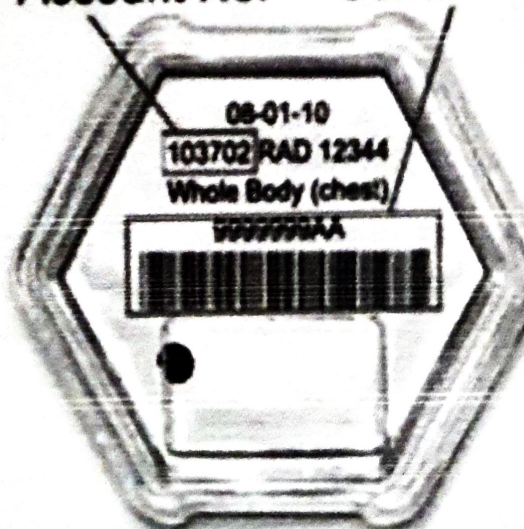
Absorbed dose measured in grays or rads



Shadiaz
28/05/22



Account No. Serial No.





Junnar Taluka Shivner Shikshan Prasarak Mandal, Junnar

Shri Shiv Chhatrapati College

S./R.No. MH./667/Pune date: 2/1/1970

Arts - Commerce - Science

P.T.R.F:439 Pune Date: 31/12/1969

- DST - FIST sponsored
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- E-mail : ssccj@yahoo.co.in

Principal Dr. C. R. Mandlik

M.A., Ph.D., D.Litt. (U.S.A.)

Mobile No. 8857087522

Ref. No.: SSCCJ/

865/1/2021-22

Date :

28/3/2022

To,

Dr. Asha B. Kadam

Assistant Professor, Department of Botany

Dada Patil Mahavidyalaya, Karjat, A'nagar

Subject: - Regarding express sense of gratitude.

Dear Madam,

We feel obliged for your guest lecture on the occasion of a National Level Webinar on "Intellectual Property Rights (IPR)" under UGC- CPE scheme. This industrial training is for the PG & Research Students and Faculties from various Colleges, Universities and Research Institutions. Your speech was full of information, positive energy and inspiring everyone. Our participants and students felt greatly benefitted by your speech.

We, hereby take an opportunity to thank you for sparing valuable time for webinar.

Thanking You

Principal

Shri Shiv Chhatrapati College
Junnar (Pune)



CERTIFICATE OF APPRECIATION



This certificate is presented to
Dr. (Mrs) Asha Kadam
for sharing valuable knowledge as
The Invited Speaker

During
'International Conference on Medicine & Healthcare'
held virtually on April 9, 2022.

Organized By
Engineered Science Publisher, USA

In association with
Department of Zoology, Dada Patil Mahavidyalaya, Karjat. Dist. Ahmednagar, MH, India.



DADA PATIL MAHAVIDYALAYA

(Arts, Commerce and Science)

Karjat Dist. Ahmednagar - 431 107, M.S.

Website: www.dadapatilmahavidyalaya.org Email: info@dadapatilmahavidyalaya.org

NAAC Accreditation (3rd Cycle) 'A' Grade (CGPA 3.67)

Phone: 020-2666 1000, 2666 1001, 2666 1002, 2666 1003, 2666 1004

Dr. Principal
DR. SANJAY NAGARKAR
M.A. (Hons.) Ph.D. (S)

Savitribai Phule Pune University Best College Award (2004-2005) & Rajawade Puraskar (2005-2006)

Ref: O.W./111 /2021-22

Date: 05.05.2022

To
Dr. Shailendra S. Dahiwale,
Assistant Professor,
Department of Physics,
Savitribai Phule Pune University,
Pune-411007.

Subject: Activities under Linkages and Collaboration

Dear Sir,

Our T.Y.B.Sc. M.Sc Physics students and 3 faculties (Dr. Bhadane, Mr. Maharnavar, and Miss. Shinde) are planning to visit the Department of Physics, SPPU, Pune on 12th May 2022 under the *faculty and student exchange activities*. Therefore, I request you to please allow them to visit and study the *Low Energy Ion Beam Facility Lab and other related facilities*. Moreover, we are also requesting you to guide our students on the topic of Low Energy Ion Beam Irradiation and its applications. So that it can be beneficial for enhancing students' research ability and furthering their future endeavors as well.

Thank you for your constant support and cooperation.

Thanking you,

Dr. Principal
Dada Patil Mahavidyalaya

12/05/2022
Assistant Professor
Department of Physics
Savitribai Phule Pune University
Pune - 411 007



V.C. Prabhakar
Dada Patil Mahavidyalaya
Karjat, Dist. Ahmednagar



48 students & 1 staff
were visited to NISER
Neutron Lab under student
& faculty exchange program



DADA PATIL MAHAVIDYALAYA

(Arts, Commerce and Science)

Karjat, Dist. Ahmednagar - 414 402 (M.S.)

☎ (02489) (O) 222534 (R) 222519 Email: dpcollege@yahoo.co.in Website: www.dpscollege.in

NAAC Accreditation (3rd Cycle) 'A' Grade (CGPA 3.67)

College HSC Board - 12 002 001 Course No: SPPU - AN - ASG - 06 - 1964

To Principal
DR. SANJAY NAGARKAR
M.A. M.Phil. Ph.D. SET

✦ Savitribai Phule Pune University Best College Award (2004-2005) ✦ Rayat Mauli Puraskar (2005-2006)

Ref: O.W./110/2021-22

Date: 05.05.2022

To

Prof. Dr. Sanjay D. Dhole,

Senior Professor,

Department of Physics,

Savitribai Phule Pune University,

Pune-411007.

Subject: Activities under Linkages and Collaboration.

Dear Sir,

Our T.Y.B.Sc, M.Sc Physics students and 3 faculties (Dr. Bhadane, Mr. Maharnavar, and Miss. Shinde) are planning to visit the Department of Physics, SPPU, Pune on 12th May 2022 under the *faculty and student exchange activities*. Therefore, I request you to allow to visit your laboratories. Moreover, please guide them about Microtron Accelerator and Neutron Generator and other related facilities. We are also requesting you to arrange the fundamental lecture on the topic of Microtron Accelerators and their applications. So that it can be beneficial for enhancing students' research ability and furthering their future endeavors as well.

Thank you for your constant support and cooperation.

Thanking you,

Head
Dept. of Physics
Dada Patil Mahavidyalaya
Karjat, Dist. Ahmednagar

Received
12/05/2022
Senior Professor
Department of Physics
Savitribai Phule Pune University
Pune - 411007



Principal
Dada Patil Mahavidyalaya
Karjat, Dist. Ahmednagar



48 students & 4 staffs
were visited to Microtron
& Neutron Lab under student
& faculty exchange program.



Rayat Shikshan Sanstha's
Dada Patil Mahavidyalaya Karjat
(Dist-Ahmednagar)

Date: 05.05.2022

-Department of Physics-

-Notice-

All the **T. Y. B. Sc and M.Sc Physics** students are hereby informed that the Department of Physics is going to organize a study tour and field visit at the Department of Physics, Savitribai Phule Pune University, Pune and Indrayani Hospital and Cancer Institute, Alandi on the 12th May 2022. Therefore, it is compulsory to participate in the given field visit and give your names to Dr. Mahesh Bhadane for further arrangement by the date of 10th May 2022.

Date & Day of Visit: 12.05.2022 (Saturday)

Time: 06.00 am- 07.00 pm

Venue: Dept. of Physics, SPPU Pune & Indrayani Hospital, and Cancer Institute, Alandi, Pune.

Program Coordinator
(Dr. Mahesh S. Bhadane)

HoD
(Dr. M. A. Patil)

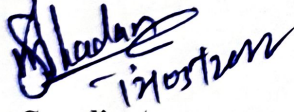
Head
Dept. of Physics
Dada Patil Mahavidyalaya
Karjat, Dist. Ahmednagar

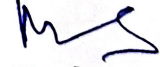


Rayat Shikshan Sanstha's
Dada Patil Mahavidyalaya, Karjat
Dist: Ahmednagar
 DEPARTMENT OF PHYSICS
U.G. Section: T. Y. B.Sc. Student List
Field Visit:- SPPU and Indrayani Hospital Aalandi
 Academic Year: 2021-22

Date: 12/05/2022

Sr. No.	Name of the Student	Contact Number	Signature
1	Anarase Priyanka	9307461453	Anarase
2	Bhise Dipali	9623729264	Bhise
3	Bhoge Ganesh	9579241706	Bhoge
4	Farande Varsha	9021416022	Farande
5	Gangarde Sakshi	8308240799	Gangarde
6	Gangarde Shivani	7499619071	Gangarde
7	Sarode Aniket	7866557393	Sarode
8	Gorkhe Nikita	9545666825	Gorkhe N.P
9	Halnavar Vishal	8459514080	Halnavar
10	Jadhav Priya Shivaji	9975027673	Jadhav
11	Jagtap Vaishnavi	8080005692	Jagtap
12	Jare Priti	9405754799	Jare
13	Karpe Sampada	8010425177	Karpe
14	Khatake Komal	7657292791	Khatake
15	Mahajan Vedika	9423202310	Mahajan
16	Malave Rutuja	8857902526	Malave
17	Pawar Mahesh	7666265980	Pawar
18	Suryawanshi Shubhangi	8381062040	Suryawanshi
19	Tambe Rutuja	9604319061	Tambe R.S
20	Waghmare Rutuja	9356887823	Waghmare
21	Sawant Ratuja	9604573322	Sawant R.R
22	Maharnarar sahil	9112958237	Maharnarar


 Coordinator
 (Dr. M. S. Bhadane)
 Field Visit


 Head
 (Dr. M. A. Patil)
 Department of Physics
 Dada Patil Mahavidyalaya, Karjat

Head
 Dept. of Physics
 Dada Patil Mahavidyalaya
 Karjat, Dist. Ahmednagar





Rayat Shikshan Sanstha's

Dada Patil Mahavidyalaya Karjat

(Dist-Ahmednagar)

Date: 13.05.2022

Department of Physics

Present

- Study Tour Report -

Venue: Dept. of Physics, SPPU, Pune, and Indrayani Hospital and Cancer Institute, Chakan-Alandi Road Alandi, Devachi, Charholi Budruk, Pune.

Date: 12th May 2022.

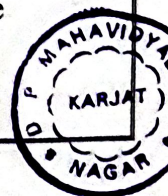
Beneficiary Students: T.Y.B.Sc, M.Sc-I, and M.Sc-II

The department of Physics, Dada Patil Mahavidyalaya Karjat organized a T.Y.B.Sc and M.Sc physics students' Visit to the Dept. of Physics, SPPU, Pune, and Indrayani Hospital and Cancer Institute, Chakan-Alandi Road Alandi, Devachi, Charholi Budruk, Pune on the date of 12th May 2022.

The **48 students** actively participated in this Study Tour along with four faculty members (Dr. Bhadane, Mr. Maharnavar, Mr. Pandit, and Miss. Shinde). They all started the journey toward Pune at 6.30 am on the dated 12th of May 2022 and reached to university at 10.45 am. In the morning session, students, as well as the faculty, visited the following laboratories:

1. 6 MeV Microtron Laboratory,
2. 14 MeV Neutron Generator Lab,
3. Low Energy Ion Beam Facility,
4. XRD, SEM,
5. UV-Visible Spectroscopy,
6. FTIR,
7. Raman Spectroscopy,
8. Energy Studies Lab,
9. Radio Storage isotope room, etc.

Under the guidance of Prof. Dr. Sandesh Jadkar (Head, Dept of Physics, SPPU, Pune) and the Supervision of Dr. Deepti Sidhaye, the four volunteers were actively involved to guide



the students. In the Microtron Accelerator Laboratory, Mr. Kishor Gavhane explained all the facilities along with their uses. Mr. Bholane explained the 14 MeV Neutron Generator facility and guided about radiation dose measurement with the help of a Survey meter while Mr. Thorat explained Low Energy Facility. Mr. Phatangare explained Raman Facility. Other research facilities in the department were explained by the researchers in the respective laboratories. All the students along with faculty members were taking lunch at Refectory, SPPU, Pune.

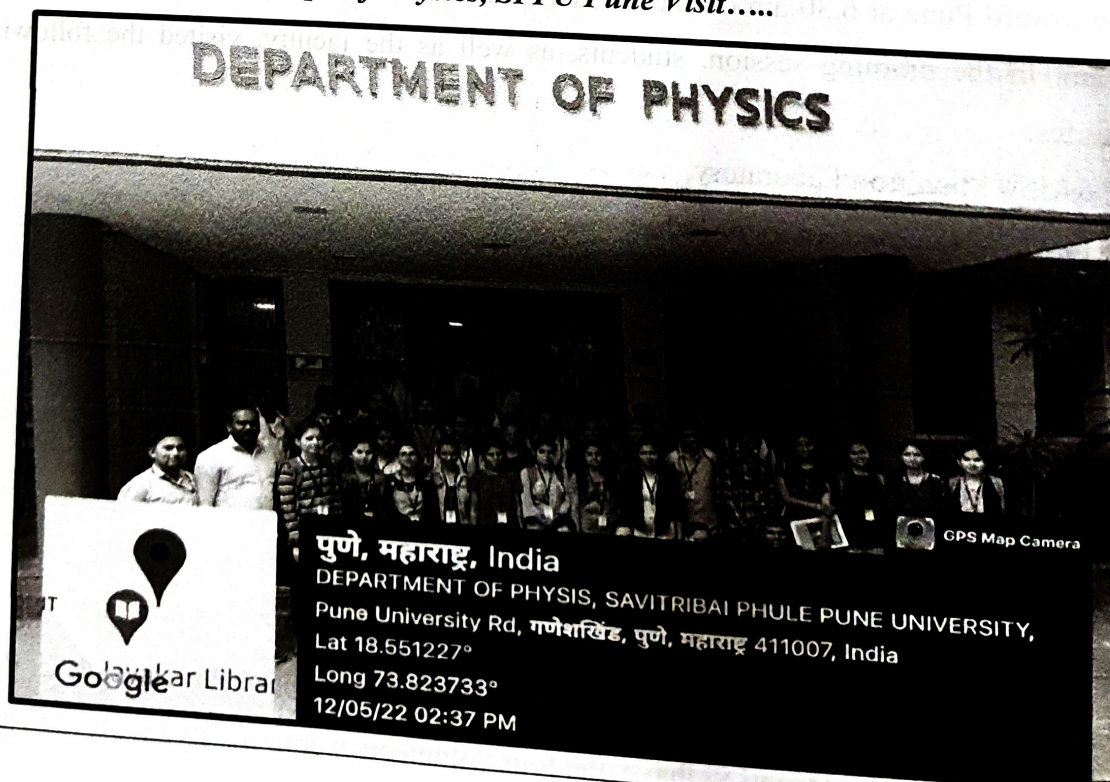
In the noon session, the students and staff visited Indrayani Hospital and Cancer Centre, Devachi Alandi, Pune. Here, **Mrs. Rashmi Puranik** shows and explained the Cancer Therapy facility i.e. linear accelerator (LINAC) also called Gantry.

The T.Y.B.Sc students were very curious about this system according to their syllabus of Radiation Physics and they also tried to learn the concept of Radiation therapy including doses, shielding material, patient dose rate, etc. Miss. Komal Khatake, Miss. Anarase Priyanka, Mr. Vishal Halnavar, Miss. Jare, Miss. Gangarde Shivani made the session very interesting and joyful by asking unexpected questions.

The return journey was started at 05.15 pm from Indrayani Hospital, Alandi via Shikrapur, and all the students along with four faculties were reached karjat at 9.15 pm. The entire arrangement of the study tour and the planning of all the other students was initiated by Dr. Mahesh Bhadane, Mr. Balbhim Maharana, Mr. Vishal Pandit, and Miss. Aparna Shinde and they made a great contribution to make the success of this study tour.

❖ Photographs:

1. Group Photo of Dept. of Physics, SPPU Pune Visit.....



2. During the visit to the Microtron Accelerator facility...



पुणे, महाराष्ट्र, India

DEPARTMENT OF PHYSICS, SAVITRIBAI PHULE PUNE UNIVERSITY,
Pune University Rd, गणेशखिंड, पुणे, महाराष्ट्र 411007, India

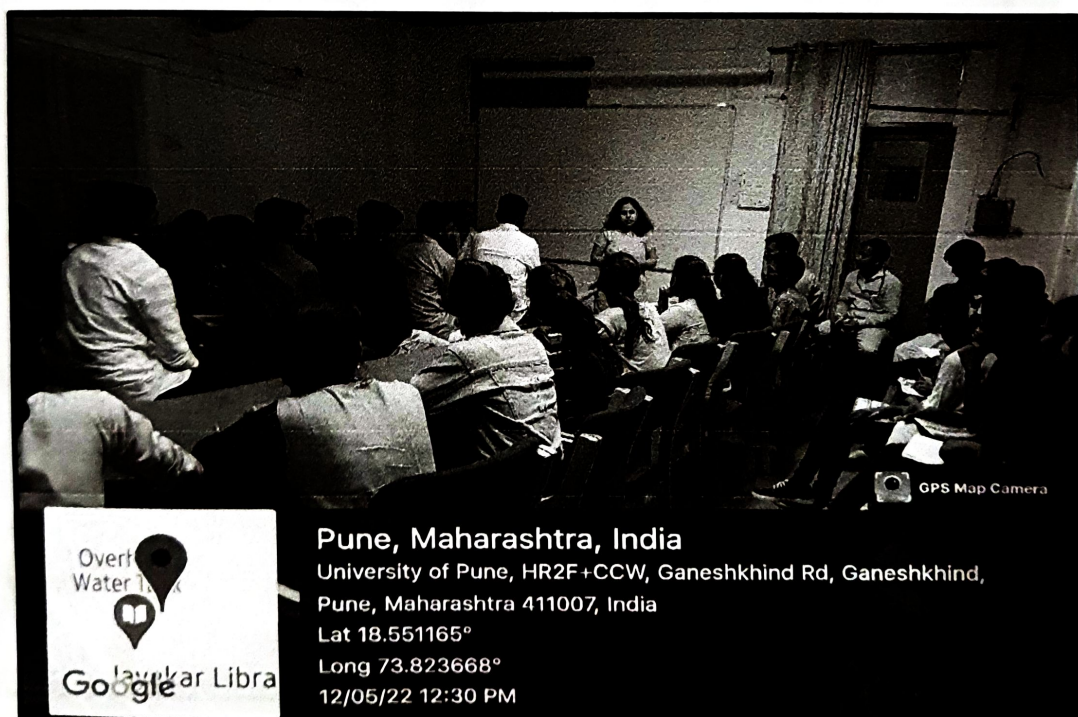
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Long 73.823773°

12/05/22 11:11 AM

GPS Map Camera

3. Dr. Deepti Sidhaye guiding Our Students: (Venue: Seminar Hall, Dept. of Physics, SPPU, Pune)



Pune, Maharashtra, India

University of Pune, HR2F+CCW, Ganeshkhind Rd, Ganeshkhind,
Pune, Maharashtra 411007, India

Lat 18.551165°

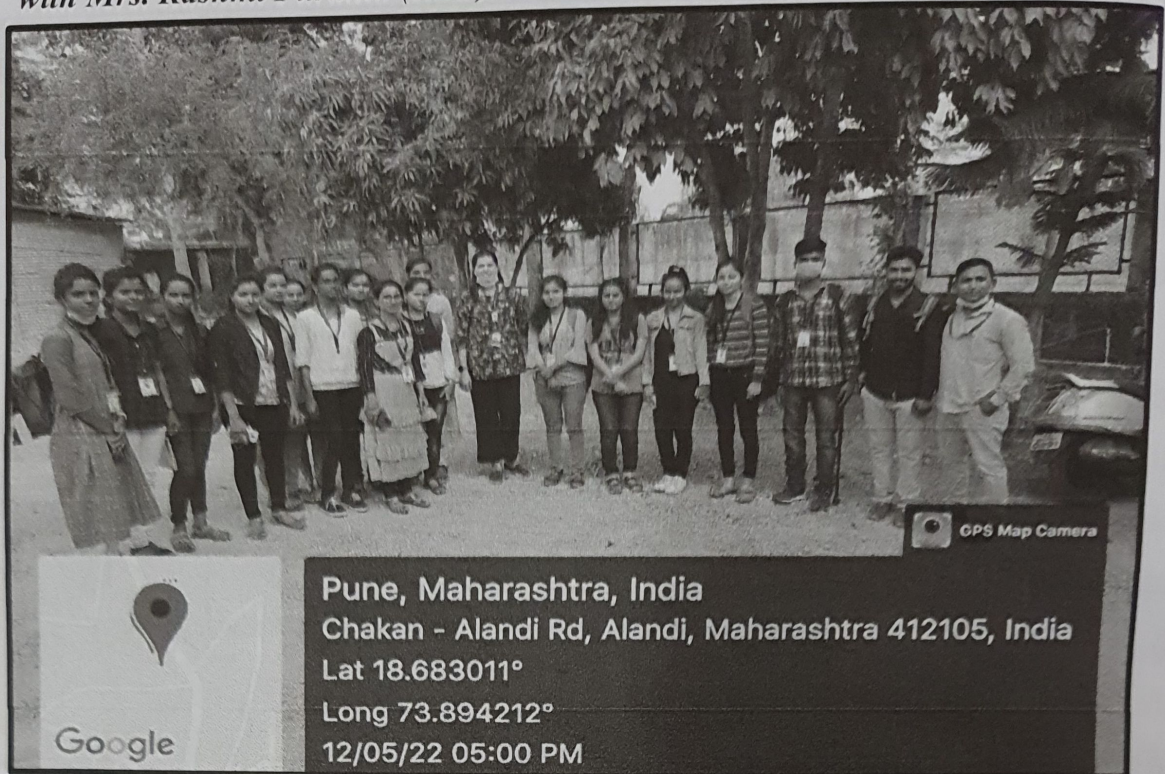
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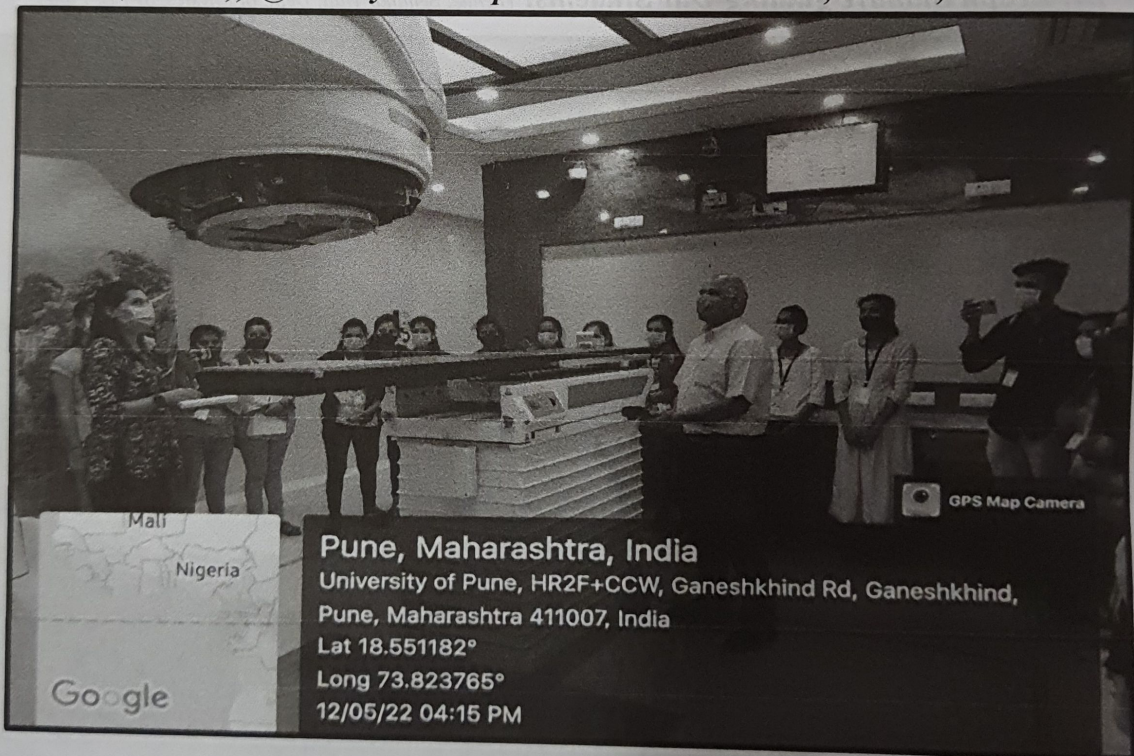
GPS Map Camera



4. *Group Photo was taken @ Indrayani Hospital and Cancer Center, Alandi along with Mrs. Rashmi Puranik (RSO).*



5. *Mrs. Rashmi Puranik explained the Cancer Therapy facility (linear accelerator (LINAC)) @ Indrayani Hospital and Cancer Center, Alandi, Pune.*



दादा पाटील महाविद्यालयाच्या विद्यार्थ्यांची सहल



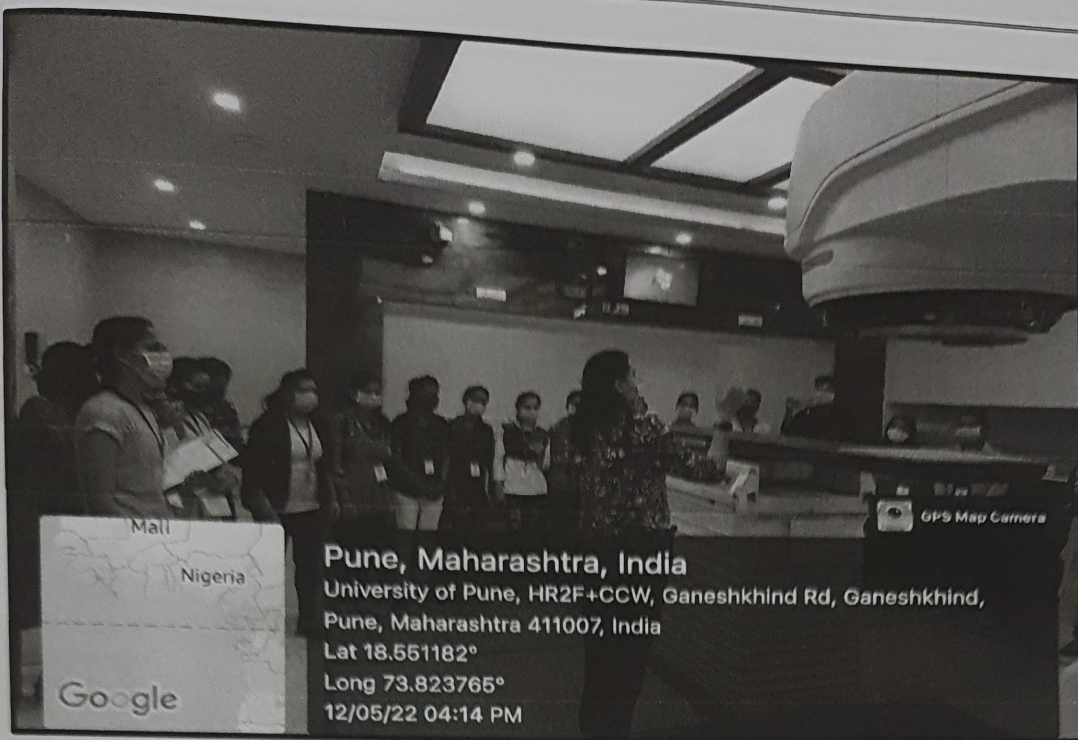
■ कर्जत, नवराष्ट्र न्यूज नेटवर्क. रयत शिक्षण संस्थेचे दादा पाटील महाविद्यालयातील भौतिकशास्त्र विभागामार्फत अभ्यासी सहलीचे सावित्रीबाई फुले पुणे विद्यापीठातील भौतिकशास्त्र विभागात आणि इंद्रायणी हॉस्पिटल व कॅन्सर इन्स्टिट्यूट आळंदी, पुणे येथे आयोजित करण्यात आली. यात टी. वाय. बी.एस्सी आणि एम. एस्सी च्या विद्यार्थ्यांनी मोठ्या संख्येने सहभाग नोंदवला. यात विद्यार्थ्यांनी ६ MeV इलेक्ट्रॉन त्वरक, १४ MeV न्यूट्रॉन जनरेटर, लोएनर्जी आयन बिम रेडिएशन सोर्स, रेडिओ आयसोटॉप माग्नेटिक विट्रिफाय

प्रणाली सोबत इतर नॅनो विषयातील लक्षणा-वर्णन प्रणालींना भेट देऊन अभ्यास केला. इंद्रायणी हॉस्पिटल आणि कॅन्सर इन्स्टिट्यूट आळंदी, पुणे येथे एलआयएनएस्सी रेडिएशन या उपकरणाचा कॅन्सर या आजारावर निदान म्हणून होणारा वापर आणि त्या उपकरणाची मर्यादा माहिती तज्ज्ञ

व्यक्ती रश्मी पुराणिक यांच्या कडून जाणून घेतली. या सहलीचे नियोजन डॉ. महेश भदाणे, प्रा. बलभीम महारणवर, प्रा. विशाल पंडित व अमृता शिंदे यांनी त्यांचे विभागप्रमुख प्रा. डॉ. महेंद्र पाटील यांच्या मदतीने आणि प्र. प्राचार्य संजय नगरकर यांच्या मार्गदर्शनाखाली केले.

सुभाष माळवे तालुका प्रतिनिधी





Pune, Maharashtra, India

University of Pune, HR2F+CCW, Ganeshkhind Rd, Ganeshkhind,
Pune, Maharashtra 411007, India

Lat 18.551182°

Long 73.823765°

12/05/22 04:14 PM

Tour Coordinator

Dr. Mahesh S. Bhadane

HoD

Dr. M. A. Patil

Head

Dept. of Physics
Dada Patil Mahavidyalaya
Karjat, Dist. Ahmednagar

I/C. Principal

Dr. Sanjay Nagarkar

I/C PRINCIPAL

Dada Patil Mahavidyalaya
Karjat, Dist. Ahmednagar



सावित्रीबाई फुले पुणे विद्यापीठ
(पूर्वीचे पुणे विद्यापीठ),
भौतिकशास्त्र विभाग,

गणेशखिंड, पुणे-४११ ००७

दूरध्वनी क्र. : (०२०) २५६२२८०२/२५६२२८०३/२५६२२८००



SAVITRIBAI PHULE PUNE UNIVERSITY

(formerly University of Pune)

DEPARTMENT OF PHYSICS

Ganeshkhind, Pune - 411007.

Tel.No. : (020) 25622802/25622803/25622800

E-mail : @physics.unipune.ac.in

Website : http://physics.unipune.ac.in

PHY/SDD/101

Date: 19.03.2022

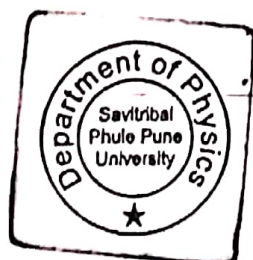
Linkages and Collaboration Certificate

The Department of Physics, Dada Patil Mahavidyalaya, Karjat, Dist-Ahmednagar are in terms of linkages and Collaboration from March 2022 to February 2026 (4 years) for the purposes of:

1. Visits for Research especially Experiments on Electron Irradiation and Thermoluminescence Dosimetry which may results in publications at international level with high impact factor.
2. Participating in Research Linkages for characterization of materials and Dose Measurements.
3. Establishing the co-joint research projects at the national level.
4. Students as well as faculty of college can have Exchange program for research, summer schools, and related academic activities.
4. To invite as a resource person in national level Symposium, Conference, Workshop and seminars (in face-to-face or distance mode).
5. To arrange invited special talks for undergraduate/ postgraduate students (in face-to-face or distance learning).

This understanding is signed only for the purpose of the research collaboration and
Linkages.

Collaborators	Institutions	Signature
Prof. Sanjay D. Dhole	Senior Professor, Microtron Accelerator Laboratory, Department of Physics, Savitribai Phule Pune University, Ganeshkhind-Road, Pune-411007, MH, India. Email: sanjay@physics.unipune.ac.in ; Mob: 9325688837/9637808883.	
Dr. Mahesh S. Bhadane	Assistant Professor, Department of Physics, Rayat Shikshan Sanstha's Dada Patil Mahavidyalaya Karjat, Dist-Ahmednagar, MH, India-414402. Email: mbhadane24@gmail.com Mob: 91-9850229088/8830115792.	



Prof. Dr. Sanjay D. Dhole
Senior Professor
Department of Physics
Savitribai Phule Pune University
Pune - 411007



सावित्रीबाई फुले पुणे विद्यापीठ
(पूर्वीचे पुणे विद्यापीठ)
भौतिकशास्त्र विभाग
गणेशखिंड, पुणे-४११००७
दूरध्वनी क्र. (०२०) २५६२२८२८



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PHY/SSD/102

Date: 19/03/2022

-Linkages and Collaboration-

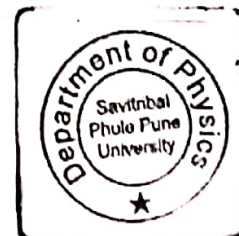
The Department of Physics, Dada Patil Mahavidyalaya, Karjat, Dist-Ahmednagar are in terms of linkage and Collaboration from 2022-2027 (5 years) for the purposes of:

1. Short visits as visiting professor,
2. Participating in Research Linkages for experiments and characterization,
3. Establishing conjoint research in national and international projects, resulting in paper publications,
4. Students as well as faculty Exchange for research, summer schools, and related activities.
4. Acting as speaker in Symposium, Conference, Workshop and seminars (in face-to-face or distance mode),
5. Giving lectures/international seminars to undergraduate/ postgraduate students (in face-to-face or distance learning),
6. In exchange, I intend to collaborate in the same way with you and with your institution, which is also my personal and professional goals.

This understanding is signed only for the purpose of the research collaboration and Linkages.

Collaborators	Institutions	Signature
Dr. Shailendra S. Dahiwale	Department of Physics, Savitribai Phule Pune University, Ganeshkhind Road, Pune-411007, MH, India. Email: ssd@physics.unipune.ac.in ; shailsd@gmail.com . Mob: 8108001200.	
Dr. Mahesh S. Bhadane	Department of Physics, Rayat Shikshan Sanstha's Dada Patil Mahavidyalaya Karjat, Dist-Ahmednagar, MH, India-414402. Email: mbhadane24@gmail.com Mob: 91-9850229088	

Assistant Professor
Department of Physics
Savitribai Phule Pune University
Pune - 411 007
Assistant Professor,
Department of Physics,
Savitribai Phule Pune University, Pune 411007, India



सावित्रीबाई फुले पुणे विद्यापीठ

(पूर्वीचे पुणे विद्यापीठ).

भौतिकशास्त्र विभाग,

गांधीनगर, पुणे - ४११ ००७

दूरध्वनी क्र. (०२०) २५६२२८०२/२५६२२८०३/२५६२२८००



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Website: <http://physics.unipune.ac.in>

File No. / 2022 / 90

Date: 15.03.2022

To,
Dr. Mahesh S. Bhadane
Assistant Professor,
Dada Patil Mahavidyalaya Karjat
Dist-Ahmednagar-414402

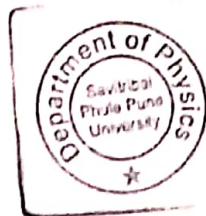
Subject: Invitation for Linkages and Research Discussion on Low Energy Ion Beam Facility.

Dear Dr. Bhadane,

I am pleased to invite you to the Department of Physics, Savitribai Phule Pune University Pune on the date of March 19, 2022 for the discussion about the topic of "Low Energy Ion Beam Facility (LEIBF)". The program of the meeting is as follows:

1. Discussion on the Low Energy Ion Beam Facility for further research work.
2. Visit to the LEIBF laboratory and check experimental setup.
3. Any other issues regarding Linkages & Collaboration will be discussed at the time of the meeting.

Hope to see you during the Research discussion and schedule of the LEIBF laboratory visit.



S. Dahiwal
Dr. Shailendra S. Dahiwal
Assistant Professor
Assistant Professor
Department of Physics
Savitribai Phule Pune University
Pune - 411 007