



Shri Shivaji Education Society Amt's, Science College, Nagpur.

Three Days Intercollegiate Workshop

organized by Department of Zoology

**“Hands on Training of Micro-techniques and
Biostatistics: Integrating Techniques for Research
And Entrepreneurial Purposes”**

Venue – Conference hall / Zoology Laboratory

Date – 15/03/2023 to 17/03/2023

Shri Shivaji Education Society's, Science College, Congress nagar, Nagpur, on the occasion of 125th Birth Anniversary of our founder President, a great Educationalist Shree Punjab Rao alias Bhausahab Deshmukh and Centenary Year of Rashtrasant Tukdoji Maharaj Nagpur University, Nagpur under the Aegis of IQAC, the Department of Zoology organizes different Cocurricular activities to enhance the knowledge, information, skill development, and acquaintance of students with new technological methods. Every Year Department of Zoology Conducted different intercollegiate workshops related to syllabi with updated new conceptual development among the students. This year also Department of Zoology Conducted three days Intercollegiate workshops from 15 to 17th March on Microtechnique and Biostatistics for students and researchers. The workshop was inaugurated at the hand of Hon'ble Principal, Prof. M.P. Dhore, in the presence of distinguished guests Dr. Vijay Bhagat sir, Head of department, Prof. A. D. Bobdey sir, Dr. Seema Kadu, Dr. Rupali Bhagat, Convener, Prof. Sharayu Ghonmode, Dr. Shilpa Katre, Dr. Pranita Gulhane and Ms. Shivani Patil.

In this context Dept. of Zoology organized a memorable intercollegiate 3 days' workshop from 15 to 17th March 2023 based on Hands-on training on Microtechnique and Biostatistical analysis. The workshop focuses on development of creative thinking skills that framework our students in the 21st Century and thus Empowerment of creative thinking skills must be a concern for all educators.

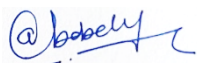
The important objective of our department is to organize such Intercollegiate workshops for students, and researchers to motivate the ability to think creatively and generate a research attitude to use appropriate methods. Furthermore, studies that involved the students in laboratory activities such as formulating titles, problems, objectives, hypotheses, and determining tools for work procedures are needed. In conclusion, we hope the students will able to build strong connections between science studies with their life as a major component of education reform also to understand the nature and importance of scientific inquiry as a human endeavour.

The workshop implementation will be conducted in several phases, at very first day 1 we are organized, Lecture of Prof. Bhagat based on explanation of Animal Tissue Microtechnique followed by Hands-on training session in the laboratory. On 2nd day of workshop students will be acquainted by the Molecular biology techniques with the implementation of laboratory techniques. On 3rd day of the workshop organized an informative lecture series on techniques in Microbiology in first session and techniques in Biostatistics during second session with presentations and group discussions.

Day-1: Morning session Inauguration and Guest Lecture by Distinguished Guest, Dr. V.J. Bhagat sir on Microtechnique and Animal Tissue Culture. Afternoon Session Hand-on Training on Animal tissue processing, Microtechnique processes, and Double staining methods.

Day-2: Hands-on training on Gel Electrophoresis. Demonstration, Processing, and loading of Samples of Plasma DNA and Ribosomal DNA using a Hi-media Kit, by Dr. Pranita Gulhane and staff members of the Biotechnology Department.

Day-3: In the Morning session Organized a Guest Lecture on Molecular Biology and Genomic Sequencing techniques by Dr. Pranita Gulhane from Biotechnology Department. Afternoon Session Guest Lecture on Biostatistic techniques by Ms. Shivani Patil from Biostatistics Department. Certificate Distribution for the all participants carried at the hand of Delegates to motivate all the students to participate such informative workshops in future.



HOD

Dr. A. D. Bobdey
Professor & Head
Department of Zoology,
Shri Shivaji Science College,
Congress Nagar, Nagpur-12.



Convener

Dr. S.G. Kadu





1st Session – Lecture of Prof. Vijay Bhagat



2nd Session – Hands on training of microtechnique by Prof. Bhagat



Congress Nagar, Dhantoli, Nagpur, Maharashtra 440012, India

Nagpur
Maharashtra
India

26°C
79°F

2023-03-16(Thu) 11:48(AM)

Congress Nagar
कांग्रेस नगर

Congress Nagar
कांग्रेस नगर

Ajani Railway
अजनी

AJNI MEDICAL COLONY
अजनी

Google

2nd day 1st Session- Demonstration of Biotechniques by Dr. Pranita



Congress Nagar, Dhantoli, Nagpur, Maharashtra 440012, India

Nagpur
Maharashtra
India

29°C
84°F

2023-03-16(Thu) 03:35(PM)

Congress Nagar
कांग्रेस नगर

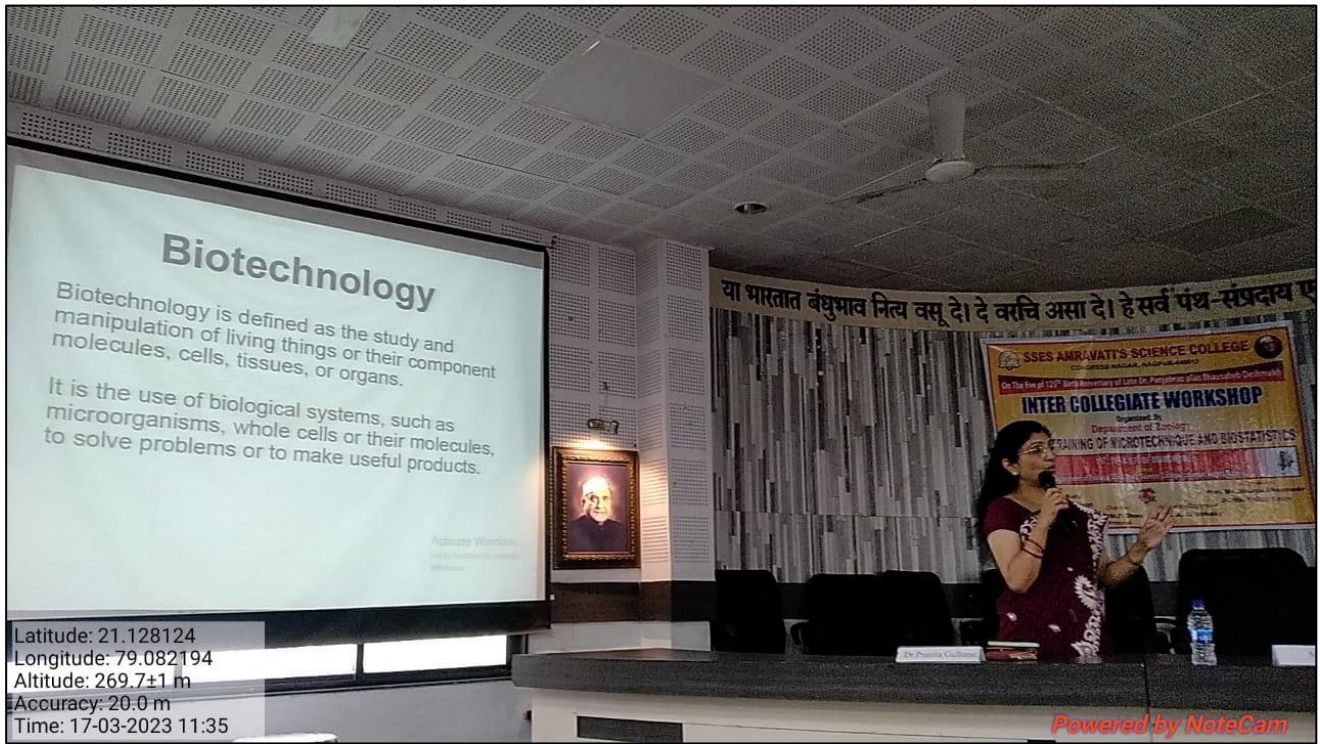
Congress Nagar
कांग्रेस नगर

Ajani Railway
अजनी

AJNI MEDICAL COLONY
अजनी

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2nd day 2nd Session – Hands on training of Biotechniques by Dr. Pranita



3rd day 1st Session – Lecture on techniques in Molecular Biology by Dr. Pranita Gulhane



3rd day 1st Session – Lecture on techniques in Biostatistics by Ms. Shalini Patil



3rd day 2nd session Valedictory and counselling of student



On the eve of 125th Birth Anniversary of Late Dr. Panjabrao Deshmukh

**INTER COLLEGIATE WORKSHOP ON
HANDS ON TRAINING OF MICROTECHNIQUE AND BIOSTATISTICS**
15th, 16th & 17th March 2023



Organized by
Department of Zoology
SSES Amravati's **SCIENCE COLLEGE**
Congress Nagar, Nagpur-12



*This is to certify that Mr/Ms..... of
B. Sc. III has actively participated in three days Workshop on "Hands on Training of
Microtechnique & Biostatitics" Organised by Department of Zoology, SSES Amt's
Science College, Congress Nagar, Nagpur-12, on 15th, 16th & 17th of March 2023.*

[Signature]

Prof. M. P. Dhore
Principal

[Signature]

Dr. Mrs. S. G. Kadu
Convener

[Signature]

Dr. Mrs. R. A. Patil Bhagat
Co-Convener

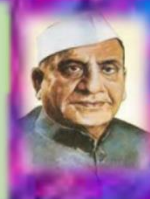
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Prof. A. D. Bobdey
HOD, Zoology

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SSES AMRAVATI'S SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR-440012
**On The Eve Of 125th Birth Anniversary of Late Dr Panjabrao alias Bhausaheb
Deshmukh**

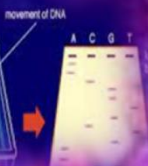
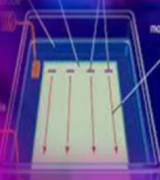


INTER COLLEGIATE WORKSHOP

Organized By -
Department Of Zoology

**HANDS ON TRAINING OF MICROTECHNIQUE
AND BIOSTATISTICS**

15TH, 16TH & 17TH OF MARCH 2023



**Venue- Department of Zoology, SSES Amt's Science College, Congress
Nagar, Nagpur**

Registration fee- Rs-50

Last Date of Registration- 14/03/2023

Contact for registration Dr. Mrs. Seema Kadu -/ Dr. Mrs Rupali Patil Bhagat
9020956743 9420958248

Conveners -Dr. Mrs. Seema Kadu
- Dr. Mrs. Rupali Patil Bhagat

Co-Conveners - Prof. Ms. Sharyu Ghonmode
- Dr. Ms. Shilpa Katre

Chairman
Prof. M. P. Dhore
Principal

Head of the Dept.
Prof. A. D. Bobdey

SSES AMRAVATIS SCIENCE COLLEGE CONGRESS NAGAR, NAGPUR-12

(On the eve of 125th Birth Anniversary of Late Panjab Rao alias Bhausaheb Deshmukh)

WORKSHOP ON HANDS ON TRAINING OF MICROTECHNIQUE AND BIOSTATISTICS

INAUGURAL PROGRAMME – 15/03/2023

1. LIGHTING OF LAMPS BY DIGNITORIES

2. WELCOME OF GUESTS BY SAPLINGS

- Chairman (Hon'ble Principal) – by Prof. A.D.Bobdey, Head Dept. of zoology

- Prof. V.B. Bhagat (Guest of honour) – by Hon'ble Principal

- Dr. Sanjeev kumar Singh (Technician) by Prof. A.D. Bobdey

- Dr. Mrs. Pranita Gulhane (resource person) by – Dr. Mrs. Rupali PatilBhagat

- Ms Shivani Patil (resource person) by – Dr. Ms. Sharyu Ghonmode

3. INTRODUCTION OF GUESTS - STUDENT

4. INTRODUCTORY SPEECH – DR. MRS. SEEMA KADU

5. FEW WORDS – HEAD OF THE DEPARTMENT

6. ADDRESS BY CHAIRMAN (Hon'ble Principal)

7. VOTE OF THANKS – DR. MRS. RUPALI PATILBHAGAT

SSES AMRAVATIS SCIENCE COLLEGE CONGRESS NAGAR, NAGPUR-12

(On the eve of 125th Birth Anniversary of Late Panjabrao alias Bhausahab Deshmukh)

WORKSHOP ON HANDS ON TRAINING OF MICROTECHNIQUE AND BIOSTATISTICS

PROGRAMME SCHEDULE

15,16 & 17TH OF MARCH 2023

- 15/03/2023- 1st Session-
- 9.30 AM TO 11.30 AM - Lecture by Prof. Vijay Bhagat “ SKILLS ON MICROTECHNIQUES”
 - 11.30 TO 12.00 - Inauguration Programme
 - 12.00 TO 1.00 - Lunch Time
- 2nd Session-
- 1.00 TO 5.00 - HANDS ON TRAINING OF MICROTECHNIQUE
- 16/03/2023- 1st Session-
- 11.30 TO 12.30 - Demonstration of Bio-techniques
 - 12.30 TO 1.30 - Lunch Time
- 2nd Session-
- 01.30 TO 5.00 - Hands on training of Bio-techniques
- 17/03/2023- 1st Session-
- 11.00 TO 01.00 - Lecture by Dr. Pranita Gulhane “Special Techniques in
Molecular Biology”
 - 1.00 TO 2.00 - Lunch time
- 2nd Session-
- 2.00 – 4.00 Valedictory function Feedback and Certificate distribution

List of Participants:

**INTERCOLLEGIATE WORKSHOP
ORGANIZED BY DEPARTMENT OF ZOOLOGY
HANDS-ON TRAINING MICROTECHNIQUES AND BIOSTATISTICS
Hands on training on Micro-techniques – Day- 1**

Attendance sheet

Date- 15/03/2023

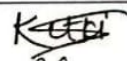

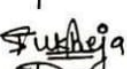
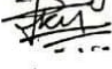
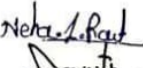
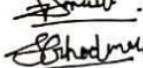
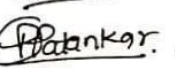
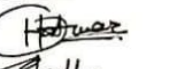
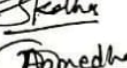
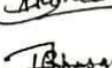
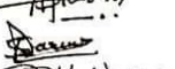
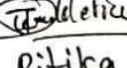
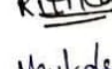
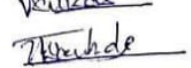

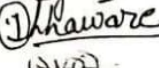
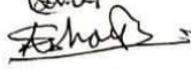






Sr. No.	Name of Student	Name of College	Signature
32.	Janvi Wadhwa	— 11 —	
33.	Isha Sarwe	— 11 —	
34.	Saloni Sahu	— 11 —	
35.	Twinkle Rao	— 11 —	
36.	Harsh Waghmare	— 11 —	
37.	Utkarsh Deshpande	— 11 —	
38.	Prathmesh Keshav	— 11 —	
39.	Tanvi Tairan	— 11 —	
40.	Aditi Givi	} — 11 —	
41.	Ayushi Hedau		
42.	Vaishnavi Kulkarni		
43.	Thorai Kulkarni		
44.	Akshay Bhatkulkarni		
45.)	Rohit Samkule		
46.	Samay Chavhan		
47.	Pranav Atkar		
48.	Aditi Jain		
49.	Tashika Chawhan		
50.	Saloni Gautam	— 11 —	
51.	Jushant Nimbhorkar	— 11 —	
52.]	Aashiya Shaikh	— 11 —	
53.)	Yukta Madan	— 11 —	
54.)	Aparna Damodar	— 11 —	
55.)	Sanskriti Ghodmare	— 11 —	
56.)	Tejaswini Mute	— 11 —	

INTERCOLLEGIATE WORKSHOP
ORGANIZED BY DEPARTMENT OF ZOOLOGY
HANDS-ON TRAINING MICROTÉCHNIQUES AND BIOSTAISTICS

Hands on training on Molecular Biology: Day- 2

Attendance sheet

Date- 16/03/2023

Sr. No.	Name of Student	Name of College	Signature
1]	Ketki .N .Sonkusare	shivaji science college, Nagpur	
2]	Priyadarshini. Pandurav	- 11 -	
3]	Tanisha Sukheja	- 11 -	
4]	Palak .K .Mehta	- 11 -	
5]	Neha .J .Raut	- 11 -	
6]	Tejasvini R. Mutk	- 11 -	
7]	Sanskriti Ghodmare	- 11 -	
8]	Purva Patankar	- 11 -	
9]	Hrushika Hatwar	- 11 -	
10]	Sanskriti Kolhe	- 11 -	
11]	Apurva Damedhar	- 11 -	
12]	Anjali Bhusari	- 11 -	
13]	Isha sanwe	- 11 -	
14]	Jarvi waddetiwar	- 11 -	
15]	Ritika Tandekar	- 11 -	
16]	Veishnavi kulde	- 11 -	
17]	Thorvi kubale	- 11 -	
18]	SHRAYANI KHARCHE	- 11 -	
19]	Aditi jain	- 11 -	
20]	Tarbiha Chaudhary	- 11 -	
21]	saloni gautam	- 11 -	
22]	Akshay Bhatkulkar	- 11 -	
23]	Ayushi Hedau	- 11 -	

INTERCOLLEGIATE WORKSHOP

ORGANIZED BY DEPARTMENT OF ZOOLOGY

HANDS-ON TRAINING MICROTECHNIQUES AND BIOSTAISTICS

Hands on training on Molecular Biology: Day- 2

Attendance sheet

Date- 16/03/2023

Sr. No.	Name of Student	Name of College	Signature
24)	Aditi Givi	shivaji science collage nagpur	Aditi
25)	Pranay Atkar	— —	Pranay
26)	Janhavi Taikar	— —	Janhavi
27)	Saloni Sahu	— —	Saloni
28)	Twinkle Rao	— —	Twinkle
29)	Akansha Chakre	— —	Akansha
30)	Dimple Udan	— —	Dimple
31)	Snehal .S.Kalamkar	— —	Snehal
32)	Nimisha .Kulkarni	— —	Nimisha
33)	Krishna S. Wankhede	— —	K. Wankhede
34)	Chaitali Patil	— —	Chaitali
35)	Falguni shivhare	— —	Falguni
34)	Kamini funne	— —	Kamini
35)	Aanchal sharma	— —	Aanchal
36)	Aashiya shaikh	— —	Aashiya
37)	Prash Waghmare	— —	Prash
38)	Shivam Dekapurwar	— —	Shivam
39)	Harsh Waghmare	— —	Harsh
40)	Sameer Gaurkar	— —	Sameer
41)	Prathamesh Bodle	— —	Prathamesh
42)	Komal Khobragade	— —	Komal
43)	Nandini Raisure	— —	Nandini
44)	Vrushali Pachpohar	— —	Vrushali
45)	Rohit Jambhule	— —	Rohit

INTERCOLLEGIATE WORKSHOP

ORGANIZED BY DEPARTMENT OF ZOOLOGY

HANDS-ON TRAINING MICROTECHNIQUES AND BIOSTAISTICS

Hands on training on Molecular Biology: Day- 2

Attendance sheet

Date- 16/03/2023

Sr. No.	Name of Student	Name of College	Signature
46.	Saee Mahesh Joshi	Shri Shivaji science college	<i>Saee</i>
47.	Riya Paikmare	-11-	<i>Paikmare</i>
48.	Ishita Chelwani	-11-	<i>Chelwani</i>
49.	Gargee Vichore	-11-	<i>G</i>
50.	Dibina Dinakaran	-11-	<i>DD</i>
51.	Tarini Jahagirdar	-11-	<i>TJ</i>
52.	Sushant Nimbhorkar	-11-	<i>Sushant</i>
53.	Shweta Vishwakarma	-11-	<i>Shweta</i>
54.	Ruchita Chakrapani	-11-	<i>Chakrapani</i>
55.	Aahna Jaiswal	LAD	<i>Aahna</i>
56.	Akansha Mishra	-	<i>Akansha</i>
57.	Praani Singh	-	<i>Praani</i>
58.	Kadlika Veidya	-	<i>R. V. Vaidya</i>
59.	Aishwari Deshpande	-	<i>Aishwari</i>
60.	Tripti Mazumdar	-	<i>Tripti</i>
61.	Sheelaika Bhat	-	<i>Sheelaika</i>

INTERCOLLEGIATE WORKSHOP

ORGANIZED BY DEPARTMENT OF ZOOLOGY

HANDS-ON TRAINING MICROTECHNIQUES AND BIOSTATISTICS

Lectur Series on Molecular Biology and Biostatistics : Day- 3

Attendance sheet

Date- 17/03/2023

Sr. No.	Name of Student	Name of College	Signature
1	Akansha Mishra	LAD	
2	Prachi Singh	LAD	
3	Aishwari Desai	LAD	
4	Aahna Jaiswal	L.A.D	
5	Shravika Bhad	L.A.D	
6	Tripti Mazumdar	L.A.D	
7	Radhika Vaidya	LAD	
8	Snehal .s. Kalamkar	Shri Shivaji Science college	
9	Aashija Shaikh	— " —	
10	Priamali Marape	— " —	
11	Pratiksha Uchase	Shri Shivaji Science College	
12	Neha .I. Raut	— " —	
13	Priyadharshini S. Pandurao	— " —	
14	Nisha Selotkar	— " —	
15	Houshika Halwani	— " —	
16	Anjali Bhusari	— " —	
17	Parva Patankar	— " —	
18	Apurva Damedhar	— " —	
19	Isha Sarode	— " —	
20	Sanskriti Kolhe	— " —	
21	Janvi Wadetiwar	— " —	

INTERCOLLEGIATE WORKSHOP

ORGANIZED BY DEPARTMENT OF ZOOLOGY

HANDS-ON TRAINING MICROTÉCHNIQUES AND BIOSTATISTICS

Lectur Series on Molecular Biology and Biostatistics : Day- 3

Attendance sheet

Date- 17/03/2023

Sr. No.	Name of Student	Name of College	Signature
22.	Aanchal A. Sharma	OSHU, Shivaji Science.	<u>Asharma</u>
23.	Kamini G. Furze	OSHU, Shivaji Science.	<u>Furze</u>
24.	Kecisho. Wankhede	— " —	<u>Wankhede</u>
25.	Komal. Khobragade	— " —	<u>Khobragade</u>
26.	Khushi Mishra	— " —	<u>Mishra</u>
27.	Ritika Tandekar	— " —	<u>Ritika</u>
28.	Tejasvini R. Mute	— " —	<u>Mute</u>
29.	Sanskriti S. Ghodmare	— " —	<u>Ghodmare</u>
30.	Gargu Uichore	— " —	<u>Uichore</u>
31.	Dibina Dinakaran	— " —	<u>Dinakaran</u>
32.	Jarini S. Jahagirdar	— " —	<u>Jahagirdar</u>
33.	Ishita Chelwani	— " —	<u>Chelwani</u>
34.	Riya Paikmare.	— " —	<u>Paikmare</u>
35.	Sacc Joshi	— " —	<u>Joshi</u>
36.	Aliya Aflab Islam	— " —	<u>Islam</u>
37.	Akasha Shinde	— " —	<u>Shinde</u>
38.	Aditi Jain	— " —	<u>Jain</u>
39.	Shravani Kharche	— " —	<u>Kharche</u>
40.	Jashika Chhaware	— " —	<u>Chhaware</u>
41.	Saloni Gautam	— " —	<u>Gautam</u>
42.	Aditi Givi	— " —	<u>Givi</u>
43.	Ayushi Hedau	— " —	<u>Hedau</u>
44.	Thorni Kulkade	— " —	<u>Kulkade</u>
45.	Vaishnavi Kulkade	— " —	<u>Kulkade</u>
46.	Vrushali Pachpohan	— " —	<u>Pachpohan</u>
47.	Nandini Laipure	— " —	<u>Laipure</u>

INTERCOLLEGIATE WORKSHOP

ORGANIZED BY DEPARTMENT OF ZOOLOGY

HANDS-ON TRAINING MICROTECHNIQUES AND BIOSTATISTICS

Lectur Series on Molecular Biology and Biostatistics : Day- 3

Attendance sheet

Date- 17/03/2023

Sr. No.	Name of Student	Name of College	Signature
48.	Prash Waghmare	shivaji Science college	
49.	Rohit Jambhule	— " —	
50.	Samir Gaurkar	— " —	
51.	Prathamesh Bodle	— " —	
52.	Shivam Dekapurwar	— " —	
53.	Harsh Waghmare	— " —	
54.	Akanksha Chakre	— " —	
55.	Pimple. Uday	— " —	
56.	Monali Mahant	— " —	
57.	Khushi shivas	— " —	
58.	Teehavi Teekar	— " —	
59.	Satoni Jadhav	— " —	
60.	Tuinkde RAO	— " —	
61.	payal chatup	— " —	
62.	Sneha Bhongade	— " —	
63.	satoni Jaiswal	— " —	
64.	Ruchita chakrapani	— " —	
65.	shreeta vishwakarma	— " —	
66.	Akshay Bhatkulkar	— " —	
67.	Vaishnavi likhitar	— " —	
68.	Aparna kumarwar	— " —	
69.	Renuka golchle	— " —	
70.	Monali mahant	— " —	
71.	Khushi shivas	— " —	
72.	YASH DOYLE	— " —	
73.	Sushant Nimborkar	— " —	

Notice

SHRI SHIVAJI EDUCATION SOCIETY AMRAVATI'S
SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR

Department of Zoology

Notice

The Students of UG/PG are hereby informed that they should attend the "Hands on Training of Micro-Techniques and Biostatistics" Three days intercollegiate workshop will be organized by Zoology Department on Dated: 15 /03/2023 to 17/03/2023

Venue- Zoology Department Laboratory/ Conference hall

Time: 10:30



Head

Prof. A. D. Bobdey



Convener

Dr. S. G. Kadu



Co-convener

Dr. Rupali Patil Bhagat

To,
The Principal
Shri Shivaji Science College,
Nagpur

Subject: Permission to Conduct 3 days Intercollegiate workshop.

Respected sir,

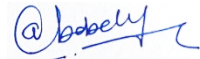
This is to request you that an Intercollegiate 3 days' workshop from 15 to 17th March 2023 based on Hands-on training on Mictotechnique and Biostatistical analysis has been organised as a part of UG/PG Curriculum. So please grant us permission to conduct the programme.

Please do the Needful and Oblige.

Thanking you
Faithfully

Date:- 10/03/2023

Place:- Nagpur



Yours

Dr. A. D. Bobdey
Professor & Head
Department of Zoology,
Shri Shivaji Science College,
Congress Nagar, Nagpur-12.

Shri Shivaji Education Society Amravati's
Science College Congress Nagar, Nagpur

Zoology Department Program Feedback Form

We hope you enjoyed our program. Please take a moment to share your thoughts with us.

Personal Information

1. **Name:** _____
2. **Email:** _____
3. **Program:** _____
4. **Date:** _____

Program Evaluation

- **Overall, how satisfied were you with the program?**
 - Very Satisfied
 - Satisfied
 - Neutral
 - Dissatisfied
- **How relevant was the content of the program to your needs?**
 - Extremely Relevant
 - Very Relevant
 - Somewhat Relevant
 - Not so Relevant
- **How would you rate the quality of the instruction?**
 - Excellent
 - Good
 - Average
 - Poor
- **Was the program length:**
 - Too Long
 - Just Right
 - Too Short
- **How likely are you to recommend this program to others?**
 - Very Likely
 - Likely
 - Neutral
 - Unlikely

Open-Ended Questions

- **What did you like most about the program?** _____
- **What did you like least about the program?** _____
- **Do you have any suggestions for improving the program?**

Additional Comments

- **Please share any additional comments or suggestions below:**
