

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

Department of Zoology

One day workshop on 'DNA Barcoding Hands on Training Module'

Date: 05/04/2022

Time: 03:00 PM – 06:00 PM

Practical Session- Attendance

| Sr. No | Roll No. | Name of the student | Class | Signature | | |
|--------|----------|----------------------------|---------|-------------------|----------------|----------------|
| | | | | Sample Collection | Isolation | PCR |
| 1) | 7664 | Jambate Aishwarya | Ty.BSc | Jambate A.D | Jambate A.D | Jambate A.D |
| 2) | 7315 | Shaikh Shaheen Moyni | Ty.BSc | Shaikh | Shaikh | Shaikh |
| 3) | 7376 | Sawant Sushama Dattatray | T.Y.BSc | Sawant | Sawant | Sawant |
| 4) | 17181 | Gaikwad H.S | M.Sc II | Gaikwad | Gaikwad | Gaikwad |
| 5) | 7311 | Gawade Anuja Dattatray | T.Y.BSc | Gawade | Gawade | Gawade |
| 6) | 7658 | Gaikwad Poojika Satish | T.Y.BSc | Gaikwad | Gaikwad | Gaikwad |
| 7) | 7514 | Kuchekar Nikita Dnyanesh | P.Y.BSc | Kuchekar | Kuchekar | Kuchekar |
| 8) | 17156 | Pretaraj Ramnisha Shi | M.Sc-I | Pretaraj | Pretaraj | Pretaraj |
| 9) | 17144 | Pondkule peatikshashivji | M.Sc. I | Pondkule | Pondkule | Pondkule |
| 10) | 17148 | Salunkhe Prayati Santosh | M.Sc-I | Salunkhe | Salunkhe | Salunkhe |
| 11) | 17147 | Chavawat Kamal Sanjay | M.Sc-II | Chavawat | Chavawat | Chavawat |
| 12) | 17149 | Kshirsagar Dipali Ravindra | M.Sc-I | D.R.Kshirsagar | D.R.Kshirsagar | D.R.Kshirsagar |
| 13) | 17191 | Bhoite Kiran Sadashiv | M.Sc II | Bhoite | Bhoite | Bhoite |
| 14) | 17183 | Tambe Sanjushi Jaywant | M.Sc-II | Tambe | Tambe | Tambe |
| 15) | 17186 | Pawar Shivrajai Shaad | M.Sc-II | Pawar | Pawar | Pawar |
| 16) | 17184 | Kalokhe Ruzya Sanjay | M.Sc-II | B.Kalokhe | B.Kalokhe | B.Kalokhe |
| 17) | 17157 | Kotirmiree Anshi Santosh | M.Sc-I | Kotirmiree | Kotirmiree | Kotirmiree |
| 18) | 17107 | Tringade Nikita Rajendra | M.Sc-I | Tringade | Tringade | Tringade |
| 19) | 17198 | Hirremath Kiran vidyadhar | M.Sc-II | K.Hirremath | K.Hirremath | K.Hirremath |
| 20) | 17185 | Tambori Jasim Chand | M.Sc-II | Tambori | Tambori | Tambori |
| 21) | 17196 | Patil Sourabh Narendra | M.Sc II | Patil | Patil | Patil |
| 22) | 17187 | Sawane Pratik Bhagwat | M.Sc II | Sawane | Sawane | Sawane |
| 23) | 17188 | Gawade Tushar Manohar | M.Sc-I | Gawade | Gawade | Gawade |
| 24) | 17161 | Aliwal Samiran | M.Sc-I | Aliwal | Aliwal | Aliwal |
| 25) | 17166 | Shaikh Aayif Umar | M.Sc-I | Shaikh | Shaikh | Shaikh |

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

Department of Zoology

One day workshop on 'DNA Barcoding Hands on Training Module'

Date: 05/04/2022

Time: 10:30 AM – 02:00 PM

Theory Session- Attendance

| Sr. No | Roll No. | Name of the student | Class | Signature | | |
|--------|----------|----------------------------|---------|------------------|------------------|------------------|
| | | | | Session-I | Session-II | Session-III |
| 1 | 17112 | Tamboli Tamanna | M.Sc.I | <u>Tamboli</u> | <u>Tamboli</u> | <u>Tamboli</u> |
| 2 | 17122 | Bhawal Pooja | M.Sc.I | <u>Bhawal</u> | <u>Bhawal</u> | <u>Bhawal</u> |
| 3 | 17160 | Sabare Rutwik | M.Sc.I | <u>Sabare</u> | <u>Sabare</u> | <u>Sabare</u> |
| 4) | 17151 | shilwant vidya | M.Sc.I | <u>Vidya</u> | <u>Vidya</u> | <u>Vidya</u> |
| 5) | 17144 | pondkule pratiksha | M.Sc-I | <u>Bondkule</u> | <u>Bondkule</u> | <u>Bondkule</u> |
| 6) | 17146 | shinde Pujal | M.Sc.I | <u>Shinde</u> | <u>Shinde</u> | <u>Shinde</u> |
| 7) | 17111 | Salve Aditi | M.Sc-I | <u>Adi</u> | <u>Adi</u> | <u>Adi</u> |
| 8) | 17123 | Thankar Aishwarya R. | M.Sc-I | <u>Thankar</u> | <u>Thankar</u> | <u>Thankar</u> |
| 9) | 17106 | Girme Pradnya Santosh | M.Sc.I | <u>Pradnya</u> | <u>Pradnya</u> | <u>Pradnya</u> |
| 10) | 17101 | Deshmukh Madhura M. | M.Sc.I | <u>Deshmukh</u> | <u>Deshmukh</u> | <u>Deshmukh</u> |
| 11) | 17116 | Jadhav Shrutika Suresh | M.Sc-I | <u>Shru</u> | <u>Shru</u> | <u>Shru</u> |
| 12) | 17164 | Ghadge Shubham R. | M.Sc.I | <u>Ghadge</u> | <u>Ghadge</u> | <u>Ghadge</u> |
| 13) | 17108 | More Krantiben D. | M.Sc-I | <u>More</u> | <u>More</u> | <u>More</u> |
| 14) | 17166 | Shankh Aasit Umar | M.Sc.I | <u>Shankh</u> | <u>Shankh</u> | <u>Shankh</u> |
| 15) | 17161 | Mr. Athiwale Samiran | M.Sc.I | <u>Athiwale</u> | <u>Athiwale</u> | <u>Athiwale</u> |
| 16) | 17187 | Sawane Pratik Bhagwat | M.Sc.I | <u>Pratik</u> | <u>Pratik</u> | <u>Pratik</u> |
| 17) | 17188 | Gawade Tuskar Dnyanesh | M.Sc-I | <u>Gawade</u> | <u>Gawade</u> | <u>Gawade</u> |
| 18) | 17196 | Patil Saurabh Narendra | M.Sc.II | <u>Patil</u> | <u>Patil</u> | <u>Patil</u> |
| 19) | 17185 | Tambeti Vasim Chand | M.Sc.II | <u>Tambeti</u> | <u>Tambeti</u> | <u>Tambeti</u> |
| 20 | 17192 | Hirmath Kiran Vidyakar | M.Sc-I | <u>Hirmath</u> | <u>Hirmath</u> | <u>Hirmath</u> |
| 21) | 17119 | Power Pooja Shrikrishna | M.Sc.I | <u>Power</u> | <u>Power</u> | <u>Power</u> |
| 22) | 17103 | Gotsurya Pranika Sharad | M.Sc-I | <u>Gotsurya</u> | <u>Gotsurya</u> | <u>Gotsurya</u> |
| 23) | 17113 | Rayate Pragati Chandrakant | M.Sc-I | <u>Rayate</u> | <u>Rayate</u> | <u>Rayate</u> |
| 24) | 17102 | Chandgude Prachi Shivaji | M.Sc-I | <u>Chandgude</u> | <u>Chandgude</u> | <u>Chandgude</u> |
| 25) | 17163 | Changan Pratiksha | M.Sc-I | <u>Changan</u> | <u>Changan</u> | <u>Changan</u> |
| 26) | 17118 | Sonwalkar Pratiksha H. | M.Sc-I | <u>Sonwalkar</u> | <u>Sonwalkar</u> | <u>Sonwalkar</u> |

| Sr. No | Roll No. | Name of the student | Class | Signature | | |
|--------|----------|-----------------------------|----------|-----------|------------|-------------|
| | | | | Session-I | Session-II | Session-III |
| 27) | 15742 | Mane Deshmukh Dipraj | M.Sc I | | | |
| 28) | 15767 | Raut Amit Anil | M.Sc I | | | |
| 29) | 15763 | Jadhav Pradip Gokul | M.Sc I | | | |
| 30) | 15762 | Gaikwad Ranjit Prakash | M.Sc I | | | |
| 31) | 15766 | Ranaware Pratik Sunit | M.Sc I | | | |
| 32) | 15764 | Gore Nitin Anil | M.Sc I | | | |
| 33) | 15747 | More Siddhant Shivaji | M.Sc I | | | |
| 34) | 15797 | Shembade Ganesh Kisan | M.Sc I | | | |
| 35) | 15751 | Koli Akash Bhadrakeshwar | M.Sc I | | | |
| 36) | 15781 | Shaikh Faisal Siddik | M.Sc I | | | |
| 37) | 17181 | Gaikwad Harshada Sanjay | M.Sc II | | | |
| 38) | 17191 | Bhoite Kiran Suresh | M.Sc II | | | |
| 39) | 17183 | Tambe Sanjushai Jaywant | M.Sc II | | | |
| 40) | 17186 | Pawar Shivrajaji Shalad | M.Sc II | | | |
| 41) | 17184 | Kalokhe Rutuja Sanjay | M.Sc II | | | |
| 42) | 17107 | Shingade Nikita Rajendra | M.Sc I | | | |
| 43) | 17157 | Kothmire Arati Santosh | M.Sc I | | | |
| 44) | 7315 | Shaukt, Shakeen Moina Datta | Ty. | | | |
| 45) | 7658 | Gaikwad Tanishka Sattish | T.Y. Bsc | | | |
| 46) | 7376 | Sawant Sushama Dattatray | T.Y. Bsc | | | |
| 47) | 7311 | Gawade Anuraj Dattatray | T.Y. Bsc | | | |
| 48) | 15746 | Supekar Snehal Chandrakant | M.Sc I | | | |
| 49) | 15756 | Ligade Komal Sambhaji | M.Sc I | | | |
| 50) | 15741 | Gaikwad Uma Shiram | M.Sc I | | | |
| 51) | 15761 | Gaikwad Tanuja Bappa | M.Sc I | | | |
| 52) | 15786 | Ranaware Priyanka A | M.Sc I | | | |
| 53) | 15750 | Mali Priyanka Arjun | M.Sc I | | | |
| 54) | 15800 | Shinde Bhagyashri Rajendra | M.Sc I | | | |

Department of Zoology,
16th March 2022

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

Sub: Permission to arrange a workshop / hands-on training on DNA barcoding technique.

Respected Sir,

As a part of Azadi Ka Amrit Mahotsav, Department of Zoology in association with Paul Hebert Centre for DNA Barcoding and Biodiversity Studies, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad is willing to organize one day workshop (hands-on training) in DNA Barcoding technique. The said workshop is to be arranged for faculties & PG students of all life sciences (Botany, Zoology, Microbiology) departments of our and nearby colleges.

This workshop is to be arranged in department of Zoology in the month of April, 2022 on a date suitable to resource person.

The resource person for this lecture will be Dr. G. D. Khedkar & his colleagues; of Paul Herbert Centre for DNA Barcoding, Aurangabad.

We request you to permit to collect Rs. 200/- as registration fee for this workshop and give directions to the concerned department to create link for online payment.

As per prior discussion with Dr. Khedkar, they are not charging any expenses on consumables.

I request you to grant permission to arrange this workshop and sanction the honorarium and TA to the resource persons.

Thanking You,

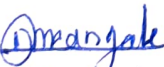
Yours' Sincerely,


Head, Dept. of Zoology

Allowed
24/3/22

APPLICATION FOR ORGANIZATION OF STATE/NATIONAL/INTERNATIONAL
CONFERENCE/ SEMINAR/ WORKSHOP

1. Name of the Department: Department of Zoology
2. Activity: Conference/Workshop/Seminar
3. Geographical Coverage: Departmental/State/National/International
4. Name/Title of the event: One Day Workshop on DNA Barcoding
5. Date: From 05/04/2022 to 05/04/2022
6. Convenor / Organizing Secretary: Dr. Deepali Sangale
7. Broad Details of Estimated Expenditure:
 - A. TA (within India): 20000/-
 - B. Honorarium (06 persons): 18000/-
 - C. Pre-event printing: 05000/-
 - D. Publication of proceedings: Not Applicable
 - E. Local hospitality: 7000/-
 - F. Grand Total: 50000/-


Convenor/Organizing Secretary
Dr. Deepali Sangale


Head of the Department

Anekant Education Society's
TULJARAM CHATURCHAND COLLEGE
OF ARTS, SCIENCE & COMMERCE, BARAMATI
(AUTONOMOUS INSTITUTE)
DEPARTMENT OF ZOOLOGY

11/04/2022

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

Sub: Report of Workshop- DNA Barcoding: Hands on Training Module

Respected Sir,

With your prior permission, Department of Zoology had organised one day workshop titled '**DNA Barcoding: Hands-on Training Module**' on **05th April 2022**; in association with Paul Hebert Centre for DNA Barcoding & Biodiversity Studies, Dr. BAMU, Aurangabad. This workshop was the first activity held under the **MoU** between our college & the abovementioned institute. It was organised to commemorate the **Azadi Ka Amrit Mahotsav** and financial assistance was from **RUSA** funds.

The inaugural function was held in seminar hall. It was chaired by the honourable Principal Dr. Chandrashekhar Murumkar in presence of chief guest & key resource person Dr. Gulab D. Khedkar. Dr. Chandrashekhar Murumkar sir delivered presidential speech in which he enlightened the participants about the importance of DNA barcoding in a very intelligible way.

Theory sessions started at 11:00 am in Seminar hall. First session was conducted by Dr. Gulab D. Khedkar in which he explained basics of DNA barcoding & its application. Second theory session was about sample collection & DNA Isolation. It was conducted by Dr. Rajashri Deolalikar. Third theory session was conducted by Dr. Anita Tiknaik; in which she explained PCR, sequencing & data analysis. Theory sessions were completed by 13:30 and lunch break was till 14:30.

Practical sessions were conducted in Dr. H. G. Khorana laboratory; Dept. of Zoology. Dr. Rajashri Deolalikar acquainted the students with all the instrumentation of DNA barcoding. Mr. Amol kalyankar demonstrated the sample collection technique and pre-performed DNA isolation. PCR technique was demonstrated in small groups of 10 students each. It was conducted by all the experts of resource group. Gel electrophoresis was demonstrated by Mr. Nitin Kalyankar. Practical session was finished at 18:30.

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Anekant Education Society's
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(AUTONOMOUS INSTITUTE)
DEPARTMENT OF ZOOLOGY

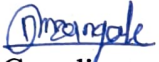
Department of Botany, Department of Microbiology, Department of Chemistry, Common Facility Centre helped in various ways for successful conduction of this workshop. I express deep sense of gratitude towards all concerned departments for their active help and participation.

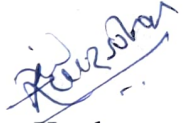
I also request you to sanction the honorarium, travelling allowance, DA and other expenses as per the submitted details.

I am submitting this report for your perusal.

Thanking You,

Yours' sincerely,


Coordinator
Dr. Dipali Sangale


Head,
Dept of Zoology

Anekant Education Society's
TULJARAM CHATURCHAND COLLEGE
OF ARTS, SCIENCE & COMMERCE, BARAMATI
(AUTONOMOUS INSTITUTE)
DEPARTMENT OF ZOOLOGY

09/04/2022

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

Sub: Details of expenses of DNA Barcoding workshop

Respected Sir,
Total sanctioned fund for this workshop was Rs. 50,000/-.
Following are details of expenses:

| Sr. No. | Particulars | Amount | Paid by |
|---------|--|--------------------------------|----------------------------------|
| 1 | Honorarium (Rs. 3000/- each) Dr. Gulab D. Khedkar, Dr. Rajashri Deolalikar Dr. Anita Tiknaik Mr. Nitin Kalyankar Mr. Amol kalyankar Mr. Shankar Mutkule | 18000/- | To be paid to each one's account |
| 2 | Travelling Allowance: 1. Dr. G. D. Khedkar (Own vehicle) (Aurangabad-Baramati-Aurangabad) 500KM @ Rs 09/- per KM | 4500/- | To be paid to Dr. Khedkar |
| | 2. Dr. Anita Tiknaik (Hired vehicle) (Aurangabad – Baramati - Aurangabad) 550 KM @ Rs. 14/- Per KM + GST | 7700/- | To be Paid to Dr. Anita Tiknaik |
| 3 | Local Hospitality: 1. Stay & Dinner @ Krishnasagar | 3601/- | To be paid to Hotel Krishnasagar |
| | 2. Breakfast & evening dinner | 760/- | To be paid to S. P. Chordiya |
| | 3. Lunch at Annapurna mess | 1200/- | To be paid to Shri Sawant |
| 4 | Brouchure Design | 500/- | To be paid to S. P. Chordiya |
| 5 | Certificate Design Certificate Printing | 500/- 140/- Total: 640/- | To be paid to Mr. Mayur Shitole |
| 6 | Coordinator: Dr. Deepali M. Sangale | 1000/- | To be Paid to Dr. DMS |
| | Total Expenses | 37901/- | |

I request you to sanction the amount as per given details.
Thanking you.

Yours' Sincerely


Coordinator


Head, Dept of Zoology

Anekant Education Society's
TULJARAM CHATURCHAND COLLEGE
 OF ARTS, SCIENCE & COMMERCE, BARAMATI
 (AUTONOMOUS INSTITUTE)
 DEPARTMENT OF ZOOLOGY

| Sr. No. | Particulars | Total Amount | Paid by |
|---------|--|--------------|--|
| 1 | Dr. Gulab D. Khedkar Honorarium: 3000/- TA: 4500/- | 7500/- | Mr. Gulab Dattarao Khedkar Bank of Maharashtra AC/No: 20060531113 IFS CODE: MAHB0000152 |
| 2 | Dr. Anita Tiknaik Honorarium: 3000/- TA: 7700/- | 10700/- | ANITA D TIKNAIK AC/NO. 60027339671 UNIVERSITY BRANCH AURANGABAD IFSC CODE: MAHB0000152 |
| 3 | Dr. Rajashri Deolalikar Honorarium: 3000/- | 3000/- | Rajshri Vijay Deolalikar Bank of Maharashtra Sawarkar Chowk Branch AC/No: 60247513287 IFS Code: MAHB0001196 |
| 4 | Mr. Nitin Kalyankar Honorarium: 3000/- | 3000/- | Nitin Deepakrao Kalyankar Bank of Maharashtra AC/No: 25047868728 IFS code: MAHB0000152 |
| 5 | Mr. Amol Kalyankar Honorarium: 3000/- | 3000/- | Amol Deepakrao Kalyankar Bank of Maharashtra AC/No: 60244319715 IFS code: MAHB0000152 |
| 6 | Mr. Shankar Mutkule Honorarium: 3000/- | 3000/- | Shankar Namdev Mutkule Union bank of India, Cidco branch, Aurangabad AC NO: 516702010095857 Ifsc code- UBIN0551678 |
| 7 | Hotel KrishnaSagar | 3601/- | Hotel KrishnaSagar |
| 8 | Annapurna Mess (Mr. Sawant) | 1200/- | Shri Sawant |
| 9 | S. P. Chordiya | 1260/- | Sandip P. Chordiya Bank of Maharashtra AC/No 20100263230 MAHB0000073 |
| 10 | Mr. Mayur Shitole | 640/- | Mayur Sharad Shitole Bank of Maharashtra AC/No: 25029866733 MAHB0000073 |
| 11 | Dr. Deepali Sangale | 1000/- | Deepali Maruti Sangale State Bank of India AC/No: 62439984198 IFS Code: SBIN0000321 |
| | Total Expenses | 37901/- | |

Yours' Sincerely


Coordinator


Head, Dept of Zoology