

Dt. 27 May 2022

Application to Grant the Permission for Certificate Course

**The Principal
Vasantdada Patil College Patoda**


Sub:- Application to Grant the Permission for "Sericulture" Certificate Course in subject Zoology.

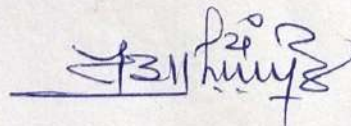
R/Sir,

As per the subject cited above Department of Zoology is starting the "Sericulture Certificate Course" in subject Zoology. From 1 June 2022 to 31 July 2022 (Two Months)


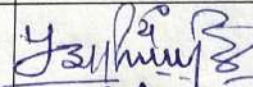


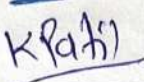
Kindly grant the permission and oblige.

Thanking you.


27.5.22


Dr. P.V. Patil
Dept. of Zoology
Vasantdada Patil College Patoda

Committee of the "Sericulture Certificate Course "

| Sr. No. | Name of Co-coordinator | Design | Sign. |
|---------|------------------------------------|-------------------|--|
| 1 | Principal Prof. Dr. Abasaheb Hange | Chief Coordinator |  |
| 2 | Prof. Dr. P. V. Patil | Co-Cordinator |  |
| 3 | Dr. P. P. Gaike | Member |  |
| 4 | Dr. D. S. Raut | Member |  |
| 5 | Dr. K.P.Patil | Member |  |

N.S.S.R'S

Vasantdada Patil Arts, Commerce and science College Patoda Dist. Beed

Time Table 2022-2023

Department of Zoology

Course Name –Sericulture Certificate Course-1st June 2022 to 31 July 2022
(Two Months)


| Time/Day | Mon | Tue | Wed | Thi | Fri | Sat |
|--------------------|-----|-----|-----|-----|-----|-----|
| 3.00 to 3.50 pm | I | I | II | II | III | III |

1) Prof. Dr. P. V. Patil– I

2) Dr. P. P. Gaikar–II

3) Dr. K. P. Patil–III

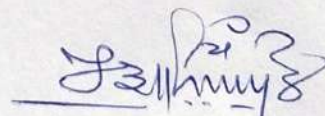



Principal

List of students

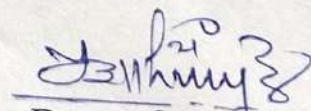
Course Name –Sericulture Certificate Course-1st June 2022 to 31 July 2022 (Two Months)

| Sr. No | Name of the Student | Sign. |
|--------|--------------------------|-------------|
| 1 | Bhalekar Parshuram Yimod | PBhalekar |
| 2 | Khade Gitanjali Narayan | Gitanjali |
| 3 | Sangap Praydng Hau.Sao | Praydng |
| 4 | Shaikh Tahed Taveed | Taveed |
| 5 | Grade Akash Rajendra | G. Akash |
| 6 | Grade Harehade Sapan | G. Harehade |
| 7 | Kalushe Mayur Machindra | Mayur |
| 8 | Sul Mauli Bhimrao | Mauli |
| 9 | Grade Mayuri Ramdas | Mayuri |
| 10 | Tadkar Shital Ajit | Shital |
| 11 | Gite Sanjay Vitthal | G. Sanjay |
| 12 | Karbhurari Prashant S. | Prashant |
| 13 | Pachnkar Shrushti Ganpat | PShrushti |
| 14 | Bankar Aditya | Aditya |
| 15 | Dorele Mahesh Vijay | D Mahesh |
| | | |
| | | |
| | | |
| | | |
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 Dept. of Zoology

Syllabus (Theory)

| Sr. No. | Content | Hours |
|---------|---|--------|
| 1 | UNIT I- AN INTRODUCTION TO SERICULTURE Mulberry – Origin and distribution Morphology of mulberry plant – Nutritional value of mulberry leaves. Planting system - Irrigation – Manuring – Weeding - Interalteration - Mulching – Pruning and Harvesting. | 8 Hrs. |
| 2 | UNIT II- PROPAGATION OF MULBERRY PLANT- Seeding propagation –Vegetative propagation – Cutting – Layering and grafting – Diseases and pest of mulberry plant. | 8 Hrs. |
| 3 | UNIT III- MORPHOLOGY OF SILK WORM Origin – Distribution – Classification of silk worm – Life cycle and morphology of Egg – Larva, Pupa and Adult. | 8 Hrs. |
| 4 | UNIT IV- ANATOMY OF SILK WORM Digestive silk gland – Reproduction – Excretion – Neuron and Endocrine gland – Reproduction | 8 Hrs. |
| 5 | UNIT V- PEST AND DISEASES OF SILK WORM- Pest of silk worm – Uzifly Dermestid beetle- Diseases of silk worm – Viral –Bacterial – Fungal – Protozoan – Causative agents – Mode of infections – Prevention and control of diseases. | 8 Hrs. |
| 6 | UNIT VI- MANAGEMENT AND MARKETING OF SERICULTURE- Rearing House and Appliances- Environmental condition for silk worm rearing – Rearing technology – Incubation – Brushing – Feeding – Bed cleaning – Mounting – Monntages – Harvesting rearing of Chawki and late age worm | 8 Hrs. |


Dept. of Zoology

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