



RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY  
Established by Government of Central Provinces Education Department by Notification No. 513 dated the 1<sup>st</sup> of August, 1923 &  
presently a State University governed by Maharashtra Public Universities Act, 2016 (Mah. Act No. VI of 2017)

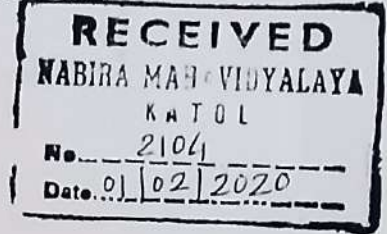
**DEPARTMENT OF LIFELONG LEARNING AND EXTENSION**

Gururanak Bhavan, University Campus, Amravati Road, Nagpur - 440 033. Phone : 2530860  
E-mail : doll\_rtmnu@gmail.com

To,  
The Principal  
Nabira Mahavidyalaya,  
Katol, Dist. Nagpur.

No. DOLLEB3G /20  
Dated : 31.01.2020

**Subject : Sanction for Conducting Short Term Courses under  
Jeevan Shikshan Abhiyan on No Grant Basis.**



Sir/Madam,

With reference to your proposal for conducting Short Term courses indicated below under Jeevan Shikshan Abhiyan of this Department, I am to inform you that your proposal has been accepted by the Department and your College has been granted permission to conduct the course on the following conditions:

**Details of the Course**

Sr. No.	Name of the Course	Duration	No. of Candidates to be admitted	Fees to be Charged per Student	Fees to be Deposited With the Deptt.
1	Certificate Course in Plant Tissue Culture Techniques	8 Weeks	40	500/-	10%
2	Certificate Course in Sericulture	6 Weeks	40	100/-	10%

**Rules & Regulations of this Department regarding these courses should be strictly followed.**

1. **This sanction is valid for this particular Batch only.**
2. Fees for the course should be charged as per the norms prescribed.
3. Expenditure on the course should be incurred as per norms.
4. Course should be started within a Month from **the date of sanction.**  
Please communicate your acceptance within **a month and submit the Initial Report**
5. **Submit the List of Students admitted in the excel format attached herewith. Also send a soft copy in CD/Pen drive**

Your's faithfully,

*[Signature]*  
Director

*e/c*  
*Shri Sharma*  
*file it*  
*01/02/2020*  
*Xerox 2 copies*  
*01 for Dr. Basagade*  
*01 for dr. Kalbande*



## **NABIRA MAHAVIDYALAYA, KATOL**

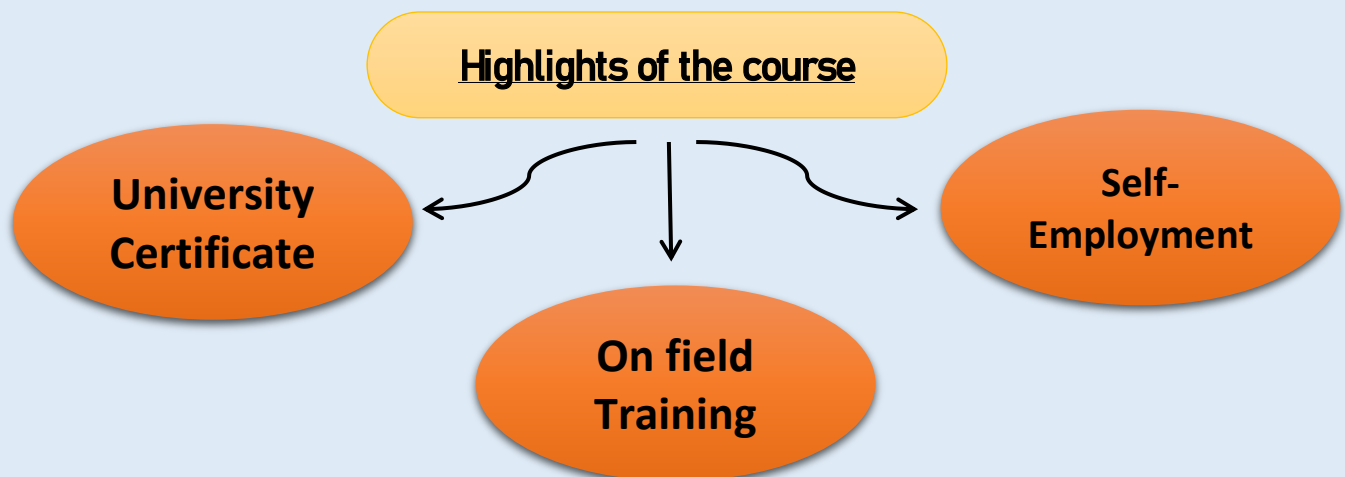
Department of Zoology

Department of Life Long Learning & Extension

Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur

**Session 2019-20**

# **“Certificate Course in Sericulture”**



Department of Zoology, Nabira Mahavidyalaya Katol offers a “*Certificate Course in sericulture*” with the approval of Department of Life Long Learning & Extension, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur. Aim of the course is to impart scientific knowledge and entrepreneurship skills to students who are basically coming from the agriculture background. Under the course, department offers theory lectures with expertise teachers having in-depth experience in sericulture and also provide hands-on training to the students. Department of zoology has well maintained mulberry plantation and silkworm rearing house which provide technical and field exposure to the students.

### Details about the course:

- **Eligibility:** Candidates for admission to certificate course should have passed Higher Secondary level with Biology/Zoology as one of the subject.
- **Duration:** Six Weeks.
- **Course Fees:** Rs 100/-
- **Selection Procedure:** Based on merit and initial interview of the candidate.

### Course Co-coordinator

**Dr. Vikas G. Barsagade**

Assistant Professor & Head,

Department of Zoology,

Mobile: 9922337061

Email- vikasbarsagade@gmail.com





NAME OF THE COLLEGE/INSTITUTE: NABIRA MAHAVIDYALAYA, KATOL

NAME OF THE COURSE: CERTIFICAT COURSE IN SERICULTURE

YEAR (DURATION): 2019-2020 (6 WEEKS)

SR.N O.	NAME OF THE STUDENT	GENDER	DATE OF BIRTH	PLACE OF BIRTH		CATEGO RY	ENROLL NO.	EDUCATI ONAL QUAL.	CONTACT NO.	EMAIL	ADDRESS FOR COMMUNICATION
				HOMETOWN	STATE						
1	RAJESHWARI D. JATOLKAR	FEMALE	12/30/1998	NARKHED	M.S.	OPEN	20181031511382	HSSC	7721898728	rajeshwarijsh@gmail.com	GANDHI CHOWK, AT POST NARKHED, DIST- NAGPUR
2	VAISHNAVI W. DATIR	FEMALE	8/7/1999	NARKHED	M.S.	OBC	20181031511434	HSSC	7499754413	vaishnavidatir7@gmail.com	GANDHI CHOWK, AT POST NARKHED, DIST-NAGPUR
3	KALYANI A. KUDUPALE	FEMALE	11/25/1999	JALALKHED A	M.S.	OBC	20181031511314	HSSC	9096182543	kalyanikudupale25@gmail.com	AT POST JALALKHEDA TA NARKHED DIST NAGPUR
4	SWEETY D. KANIRE	FEMALE	1/5/2000	NARKHED	M.S.	OBC	20181031511426	HSSC	7447577699	sweettykanire51@gmail.com	PETH VIBHAG, AT POST NARKHED, DIST-NAGPUR.
5	SHRADDHA D. DHOMANE	FEMALE	10/28/1998	NAGPUR	M.S.	OBC	20181031511412	HSSC	7350545658	shraddhadhomne1998@gmail.com	GANDHI CHOWK, WARD NO. 6, NARKHED, DIST- NAGPUR.



  
**Principal**  
Nabira Mahavidyalaya,  
Katol, Dist. Nagpur.



Rashtrasant Tukadoji Maharaj Nagpur University

**BOARD OF LIFELONG LEARNING AND EXTENSION**

**CERTIFICATE**

Award this Certificate to Shri / Smt. / Ku. Sweety Devrao Kanire

On satisfactory completion of the "Certificate Course in Sericulture", under Jeevan Shikshan Abhiyan run by Department of Lifelong Learning and Extension in collaboration with Department of Zoology, Nabira Mahavidyalaya, Katol, from 1<sup>st</sup> February 2020 to 31<sup>st</sup> March 2020.

He / She passed at the examination in Grade A<sup>+</sup>.

**Dr V. G. Barsagade**  
Course Co-Ordinator  
Nabira Mahavidyalaya Katol

**Dr. S. K. Navin**  
Principal  
Nabira Mahavidyalaya Katol

**Director**  
Dept. of Lifelong Learning & Extension,  
R. T. M. Nagpur University



## Certificate Course in Sericulture

### Assessment Procedure:

The assessment of the students consists of theory examination, Practical assignments and viva voce.

### Annual Summary for the session 2019-2020:


In this ever-increasing era of agro-based silk and sericulture businesses, trained manpower is becoming an integral part of the process, necessitating the availability of competent and experienced field personnel. Sericulture Technology is a crucial village-based entrepreneurship development programme.

In light of the current situation, the Department of Zoology has launched a certificate programme in Sericulture. This course is being introduced as add on course to B.Sc. students. Because this course covers all of the fundamentals of sericulture, a candidate who successfully completes it can raise silk worms on his farm.

The current course had theory sessions three times a week, from Monday through Wednesday, and practicals on Fridays and Saturdays, without interfering with the department's regular classes. Five students were enrolled in the 2019-2020 academic year. This session included an online theory as well as a practical session. Three students achieved an A+ on the exam, while two others received an A.

**Course Outcomes:** Students will be able to recognize and produce mulberry plants, as well as understand the basic principles of silkworm rearing, seed preparation, cocoon reeling, and raw silk production. Students will study about sericulture's current and future economic and environmental impacts. This programme will also help students to enhance their employability for jobs in this sector.



  
Dr. V.G. Barnagade  
Head,  
Department of Zoology



NABIRA MAHAVIDYALAYA, KATOL



## Certificate Course In Sericulture

**Course Code:** NMV-Course 1/2019-20 200.

**Title:** Certificate Course in Sericulture

### Objectives:

Sericulture is an agro-based industry. It involves rearing of silkworms for the production of raw silk, which is the yarn obtained out of cocoons spun by certain species of insects. It stands for livelihood opportunity for millions owing to high employment oriented, low capital intensive and remunerative nature of its production. From these, a sizeable number of workers belong to the economically weaker sections of society, including women without disturbing their household work. Silkworm rearing can generate regular employment for 12-13 persons per ha with low investment and a short gestation period of 6 months. As India is importing over 8,000 ton of raw silk to meet the annual demand of 26,000 ton which is likely to increase to 45,000 ton by 2025, this is a golden opportunity to expand sericulture. India is the second position among the silk producing countries in the world besides being the largest silk consumer.

The growth and potential for the growth of sericulture in Vidarbha region of Maharashtra is very high because of its geographically required forest and green cover appropriate environment for this agro-based industry. On this background we aim to skilled the upcoming generation to develop the skill of sericulture to start this business and create year round employment, and handsome income to small and marginal farmers.

The main aim of course is to impart scientific knowledge and entrepreneurial skills to the farmers and technicians involved in mulberry cultivation and cocoon production through silkworm. This course is open to both male and female candidates. The course aims to infuse knowledge and skills in the field of sericulture to the interested students of undergraduate level. The specific objectives of the course are:

- To prepare the rural youth/farmers for accepting sericulture as profit making enterprise.
- To create awareness about the opportunities and employment in sericulture.
- To motivate and impart training to unemployed youth/women in technical & technological skills of sericulture sector for increasing employability in silk industry.

**Methodology:** Rearing of Silkworms, Class room teaching, marketing of cocoons and Field and industry visits

### Eligibility:

Candidates who are studying any Under Graduate courses in the College offering the Certificate Course and should be below 30 years in age for private candidate, no age limit for sponsored candidate.

**Duration:** 6 weeks (session: February - March)

**Course Fee:** Rs.100/-





Selection Procedure: Entirely on the basis of merit (Marks basis) as per the above mentioned eligibility requirement

Detailed Syllabus:

1. Mulberry cultivation, Disease and pest of Mulberry, Cost of Production of Mulberry leaves
2. Graining equipment, Silkworm rearing equipment, Successful silkworm rearing and cocoon production
3. Economics of silkworm rearing Disease and pests of Silkworm, Reeling of silkworm cocoons and appliances.
4. Marketing of Cocoons and yarns

Practical's:

1. Rearing of silkworm
2. Identification of disease in silkworm
3. Processing of the cocoons.

Faculty and Support Staff Requirement

Dr. VIKAS G. BARSAGADE, M. Sc., NET, Ph. D. (Course Coordinator).  
Mr. Pradip Bhotmange as Technical assistant (Sericulture expert)

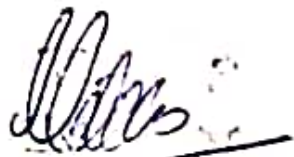
Requirement of the laboratory support and library resources: Silkworm Rearing House

Financial Assistance: At present no financial assistance provided for this course

Conduct and Schemes of Examination: The certificate Course will be conducted for BSC SEMISTER VI. Examination will be conducted on the completion of the course on the basis of viva voce. Certificates will be issued to the students after satisfactory result.

Medium of Instruction: The medium of instruction is English/ Marathi/Hindi.



  
Head  
Department of



# QUOTATION

# NOBLE INFOSYS

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Near Nageshwar Temple, Empress Mill Road, Bajeria, NAGPUR - 18. TEL. 9373106025

To, PRINCIPAL

No. 401

Date : 17/12/2021

NABIRA MAHAVIDHYALAYA, KATOL

Your Enquiry : VERBAL

Payment : IMIDIATE

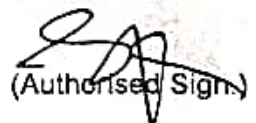
S.No.	Description of Goods	Qty.	Rate		AMOUNT	
			Rs.	Ps.	Rs.	Ps.
01.	HP DESKTOP M01-F2009IN CORE I5 10GEN/ 8 GB RAM/1TB HDD+256 SSD/ WIFI+B.T/WIRED MOUSE/KEYBOARD/ INTEL HD/18.5 FHD LED MONITOR/ WIN-11+MS-OFFICE/ 1 YEAR WARRANTY	01	58500		58500	
02.	HP LASERJET LJ 136W	01	14900		14900	
NOTE : IF ANY ADDITIONAL REQUIREMENT TO BE ADD THAN ABOVE RATE MAY BE CHANGES.						
Amount in Words : Rs. _____			TOTAL			
			----			
			GRAND TOTAL			

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- Goods once sold will not be taken back.
- All Price Taxes Inculding
- Interease at 24% p.a. will be charged on Bill if not paid within due date.
- Warrenty 1Year As per Company Norms
- Delivery Ex-stock within 7 days
- 100% Advance

For NOBLE INFOSYS

  
(Authorised Sign)