



INDIRA GANDHI NATIONAL OPEN
UNIVERSITY (IGNOU)

LEARNER SUPPORTCENTRE(LSC-43016)

VIVEKANANDA COLLEGE

College with Potential for Excellence

(Residential &Autonomous – A Gurukula Institute for Life Training)

(Re-accredited with “A” grade (CGPA 3.59 out of 4.00 by NAAC)

Tiruvadakam West, Madurai- 625 234, Tamil Nadu, India.



Pleased to invite you in the

National Webinar on



Relevance of Distance Education during COVID-

19- Opportunities through IGNOU



Resource Person: **Dr. G. ANBALAGAN**

Assistant Regional Director

IGNOU Regional Centre, Madurai

>> Meeting ID, Link & Password will be shared to registered participants only.

>> E-Certificate will be provided to those who submit feedback.

>> Feedback link will be shared at the end of the session.

Convener

Coordinator

Dr.G.Balakrishnan

Dr.M.Premanantham

IGNOU-Coordinator Asst. Prof. of Commerce (CA)

Patron

PrincipalKulapathySecretary

Dr.T. VenkatesanSwami AdhyatmanandaSwami Vedananda

for details contact

Register Now: <https://forms.gle/foiZwRVXTJWTKvcd7balakrishnanchem1983@yahoo.com>

All Are Cordially Invited



VIVEKANANDA COLLEGE

College with Potential for Excellence

IGNOU LSC-43016

Tiruvedakam West, Madurai – 625 234,



**Organise National Webinar on
Sericulture: A Profitable and Sustainable Activity – Programme
offered by IGNOU**

Tuesday 24th August 2021, Time: 2.30 p.m.

Prayer – Om Sahanabhavathu

Welcome Address	: Dr.G.Balakrishnan IGNOU Coordinator Assistant Professor of Chemistry Vivekananda College
Presidential Address	: Dr.T.Venkatesan Principal Vivekananda College
Blessings	: Swami Vedananda Secretary Vivekananda College Swami Adyathmananda Kulapathi Vivekananda College
Felicitation	: Dr.M.Shanmugam Senior Regional Director IGNOU –RC, Madurai
Resource Person	: Dr.V.Parthasarathy Vice-Principal Vivekananda College
Vote of Thanks	: Mr.M.Premanantham PT Assistant Vivekananda College

Prayer – Om Sarvebavanthu


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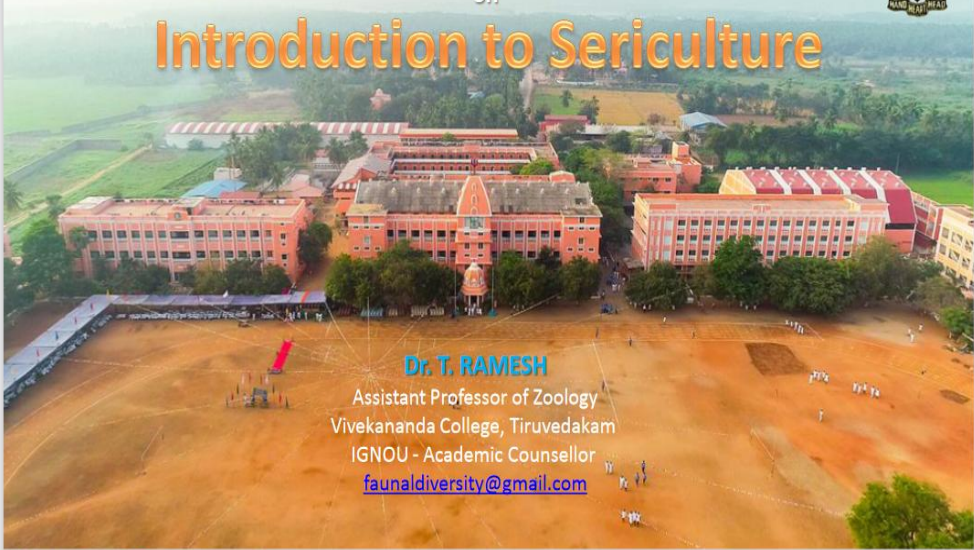
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1 of 30 Automatic Zoom

 **online counselling session on**

Introduction to Sericulture



Dr. T. RAMESH
Assistant Professor of Zoology
Vivekananda College, Tiruvedakam
IGNOU - Academic Counsellor
faunaldiversity@gmail.com

11:37 AM 1/28/2021

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3 of 30 Automatic Zoom

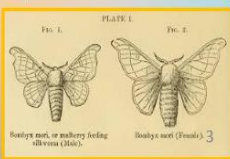
Introduction

- Sericulture- it is the cultivation of **silkworms** to produce **silk**.
- It is a kind of **Agro-industry (Agriculture & Industry)**.
- India stands **5th rank** in production of silk (5%) in the world after the China.
- The total annual production of raw silk in India is about **31 lakhs kg**.
- Silk is called "**Queen of Textiles**".
- Sericulture or silk farming is involves **cultivation of host plants & rearing of silkworm** for **production of Cocoon- Raw Silk**.
- ***Bombyx mori*** is the most widely used and intensively studied silkworm.
- Sericulture playing vital role in **rural employment, development & economy growth**.



 **Bombyx mori**





5/25/2020

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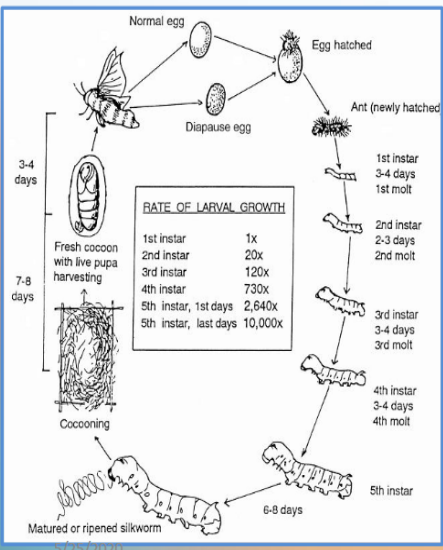
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Silkworm Lifecycle



Normal egg → Egg hatched → Ant (newly hatched) → 1st instar (3-4 days, 1st molt) → 2nd instar (2-3 days, 2nd molt) → 3rd instar (3-4 days, 3rd molt) → 4th instar (3-4 days, 4th molt) → 5th instar (6-8 days) → Cocooning → Matured or ripened silkworm

3-4 days
7-8 days

RATE OF LARVAL GROWTH

1st instar	1x
2nd instar	20x
3rd instar	120x
4th instar	730x
5th instar, 1st days	2,640x
5th instar, last days	10,000x

Fresh cocoon with live pupa harvesting

5/25/2020

Life cycle of the silkworm consists of four stages i.e. **adult, egg, larva, and pupa**. The duration of life cycle is **6 to 8 weeks** depending upon **racial characteristics & climatic conditions**. The moths mate and the females **lay 300, to more than 350 eggs**, then die. Larvae eat for **20-30 days**, consuming large amounts of mulberry leaves, and molt through four changes of skin or 'instars' and then cocooning.

Adult
Pupa
Eggs
Larva

8

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ERI SILK

- This silkworm is ***Philosamia ricini***
- Polyphagous- Caster oil plants
- It silkworm has protein rich pupae
- ERI is a multivoltine silk- Indoor reared
- Indigenous preparation of Chaddars- Tribals own use
- Practised in Assam, Tripura & WB. Now commercially in many parts of India

5/25/2020



11:38 AM 1/28/2021

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13 of 30 Automatic Zoom

MUGA Silk

- Muga silk worm- *Antheraea assama* & produced golden yellow coloured cocoon
- Muga is pride of Assam- Only in our country
- It contributes only 2% of total silk in India
- Polyphagous- feeds aromatic leaves of Som & Soalu plants and reared on that trees
- Life span- 50 days in summer & 120 days in winter.
- Produces Sarees, Mekhalas, Chaddars & costly.
- Practised very common in Assam, Nagaland & South Tripura.



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Sericulture and Rural Economy

It is playing vital role on rural economy & employment

1. Raising of Mulberry saplings- Nursery
2. Raising of mulberry garden and silkworm rearing
3. Silkworm egg production/DFLs
4. Reeling and Spinning of Cocoons
5. Twisting of Reeled Silk
6. Weaving
7. Dyeing and Printing
8. Miscellaneous activities



5/25/2020

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VIVEKANANDA COLLEGE

College with Potential for Excellence

IGNOU-Learner Support Centre (43016)

Organizing National Webinar on

Sericulture: A Profitable and Sustainable Activity – Programme offered by IGNOU

Tuesday 24th August 2021, 2:30 – 4:00 PM





Dr. T. Venkatesan
Principal
Vivekananda College

Speaker
Dr. V. Parthasarathy
Vice-Principal
Vivekananda College

Dr. M. Shanmugam
Senior Regional Director
IGNOU-RC, Madurai

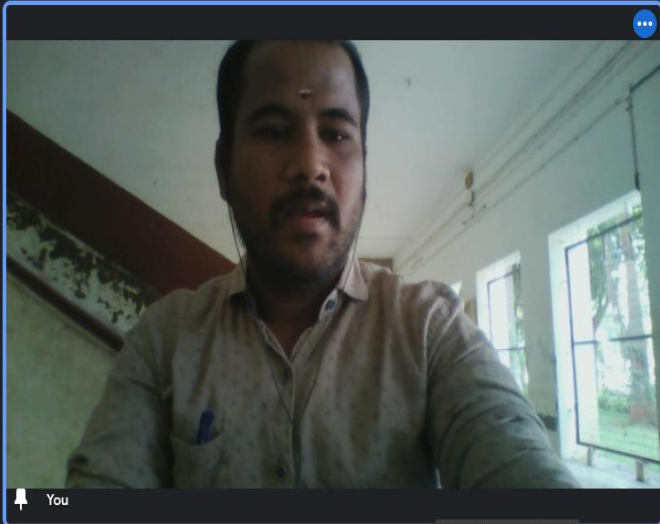


Program Coordinator: Dr. G. Balakrishnan, IGNOU-Coordinator, LSC-43016, Vivekananda College, Tiruvadakam West, Madurai.
Mobile: 8124728093 & 9578302472.

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https://meet.google.com/poc-ymhh-oxw?authuser=0



You

Turn off camera (ctrl + e)

natrayan c

kajendran s

6 others

People

Add people

In call

- balakrishnan g (You)
- deepan m
- duraipandi s
- jeevith r
- jeeyagunaseelan a
- kajendran s
- natrayan c

10:31 AM | chvvdghyt2

10:31 AM 8/19/2021

IGNOU-LSC 43016, Webinar Documents

The image displays two screenshots of Google Meet webinars, likely related to the IGNOU-LSC 43016 course.

Top Screenshot: This is a Google Meet window titled "Meet - qto-cftw-vff". The main video shows a man in a light blue shirt and glasses, identified as "principal vc". To the right is a grid of participant thumbnails, including "marimuthu b", "M Shanmugam", "parthasarathy v", "pasupathi s", "Peer mohamed", "NIRMAL G", "66 others", and "You". The bottom toolbar shows icons for mute, video, chat, and other controls. The system tray at the bottom indicates the time is 2:45 PM on 8/24/2021.

Bottom Screenshot: This is a Google Meet window titled "Meet - giq-nnvb-way". The user is in "presenting" mode, showing a slide titled "CHEMISTRY KAZHAKKE". The main area displays a grid of participant thumbnails, including "alaguraja k", "jeyaprakash v", "sesan s", "munichamy a", "iyyappan v", "gunasekaran r", "balamurugan p", "vivek r", "surya c", "harish c", "santhosh r", "leelaprasath c", "gopinath g", "kamalesh s", "mohanraj k", "kavi k", "ksuryaprakash k", "muralitharan p", "karthikeyan p", "somasekar p", "kiruthikeswaran k", "sridhar r", "dhansekaran t", "parthasarathi s", "4 others", and "You". The bottom toolbar shows icons for mute, video, chat, and other controls. The system tray at the bottom indicates the time is 3:09 PM on 10/1/2021.

IGNOU-LSC 43016, Webinar Documents

The image displays two screenshots of Google Meet webinars, likely related to the IGNOU-LSC 43016 course.

Top Screenshot: Shows a Google Meet interface with 36 participants. The meeting title is "Meet - qvt-kyat-upg". The participants are arranged in a grid, with names and initials visible. The bottom status bar shows the time as 9:44 AM and the meeting ID as anmc4bbbs4.

Bottom Screenshot: Shows a Google Meet interface with 29 participants. The meeting title is "Meet - giq-nnvb-way". A banner at the top indicates "You're presenting to everyone". The participants are arranged in a grid, with names and initials visible. The bottom status bar shows the time as 3:47 PM and the meeting ID as gfmb345av.



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Tiruvedakam West, Madurai District – 625 234



National Webinar on "Cultural Traditions of India"

Platform: Google Meet: <https://meet.google.com/zbm-uciu-qst>

Date: 20.01.2022, Time: 11.30 a.m.

SCHEDULE FOR THE WEBINAR

Prayer	: Om Sahanavavathu
Welcome Address	: Dr.G.Balakrishnan Coordinator, IGNOU Study Centre-43016 Vivekananda College
Inaugural Address	: Dr.M.Shanmugam Senior Regional Director IGNOU Regional Centre, Madurai
Presidential Address	: Dr.T.Venkatesan Principal Vivekananda College
Blessings	: Srimath Swami Vedananda Secretary Vivekananda College Srimath Swami Adyathmananda Kulapathi Vivekananda College
Felicitation Address	: Dr.G.Anbalagan Assistant Regional Director IGNOU Regional Centre, Madurai
Resource Person	: Dr.S.Sridhar Swaminathan Head & Assistant Professor Department of Sanskrit Vivekananda College
Vote of Thanks	: Dr.M.Premanantham Assistant Professor of Commerce (CA) Vivekananda College
Prayer	: Sarve Bhavanthu

IGNOU-LSC 43016, Webinar Documents

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LSC-43016, Sending of Webinar X Feedback Form - Google Forms X Meet - zbm-uciu-qst PLAYING

https://meet.google.com/zbm-uciu-qst

REC

RC Madurai

11:35 | zbm-uciu-qst

11:35 AM 1/20/2022

REC b balakrishnan g is presenting

principal vc

Pin principal vc to your main screen.

kesavan k Viji v veerarajkumar k karthik s 91 others You

11:37 | zbm-uciu-qst

IGNOU-LSC 43016, Webinar Documents

REC

b balakrishnan g is presenting

Mr. G. Anbalagan

sridharswaminatha...

balakrishnan g...

RC Madurai

Pin Mr. G. Anbalagan to your main screen.

kesavan k

Viji v

veerarajkumar k

karthik s

91 others

You

11:37 | zbm-uciu-qst

REC

RC Madurai

sridharswaminathan s

principal vc

Mr. G. Anbalagan

kesavan k

Viji v

veerarajkumar k

karthik s

dhasekaran t

durairajan p

akash d

harish c

jeyaprakash d

rangabashyam g

85 others

You

11:36 | zbm-uciu-qst

IGNOU-LSC 43016, Webinar Documents

REC b balakrishnan g is presenting

The image displays a Zoom webinar interface. The top section features a large video feed of a man with a white tilak on his forehead, wearing a pink and white striped shirt. To his right is a grid of smaller participant thumbnails. The bottom section shows a larger grid of participant thumbnails. The interface includes standard Zoom controls at the bottom, such as mute, video, chat, and a red phone icon for ending the call. The time displayed is 11:37 and 11:38.

Participants visible in the top grid:

- Mr. G. Anbalagan
- balakrishnan g...
- RC Madurai
- principal vc
- kesavan k
- Viji v
- veerarajkumar k
- karthik s
- 91 others
- You

Participants visible in the bottom grid:

- balakrish...
- RC Madurai
- sridharswami...
- principal vc
- Mr. G. Anbala...
- venkatesan t
- Viji v
- veerarajkumar k
- karthik s
- dhasekaran t
- duraiarajan p
- akash d
- harish c
- jeyaprakash d
- rangabashyam g
- vinothkumar v
- harish p
- dinakaran m
- alaguraja k
- The Legend
- Divya B Kumar
- Jeyarani V
- hari am
- leelaprasath c
- meenakshisun...
- Thiagarajar Col...
- hemanthram ssg
- manojkumar n
- santhosh r
- ramachandran v
- lakshmikantha...
- rajeshkannan s
- surendar r
- jeyaseelan j
- santhosh r
- sundaresan r
- aathi s has left the meeting
- deepak k
- bharathiraja s
- Jeya Lakshmi
- Pandiya raja..J2...
- deepak s
- ramkumar b
- loguraj k
- 55 others
- You


11:37 | zbm-uciu-qst

11:38 | zbm-uciu-qst

IGNOU-LSC 43016, Webinar Documents

REC

b balakrishnan g is presenting



principal vc

Viji v

sridharswaminathan s

RC Madurai

Mr. G. Anbalagan

v

veerarajkumar k

d

dhasekaran t

a d

91 others

balakrishnan g...

You

11:49 | zbm-uciu-qst

Pin sridharswaminathan s to your main screen.

RC Madurai

principal vc

Viji v

veerarajkumar k

k

karthik s

d

dhasekaran t

b h

90 others

You

12:04 | zbm-uciu-qst

IGNOU-LSC 43016, Webinar Documents

[illegible]

IGNOU-LSC 43016, Webinar Documents

REC b balakrishnan g is presenting

balakrishnan g is presenting

principal vc RC Madurai veerarakumar k leelaprasath c hariharan r Kshitish Mishra

harisudharsan s vinothkumar v Jeyarani V hari am meenakshisun... chellapandian r hemanthram ssg kesavan s surya c

lakshmikantha... hariram t s You can't remove this participant ar g santhosh r lakshmanan b deepak k naganathan n bharathiraja s

rubanvinith r nirmalkumar s Jeya Lakshmi Siddharth Sank... ramachandran v Pandiya raja.J2... loguraj k vijayaraj e Arunkumar Pillai

sivaraman b dejachandru s dinakaran m vijayappandi s azhagumahend... prabakaran v kamalesh s 40 others You

12:56 | zbm-uciu-qst

REC b balakrishnan g is presenting

balakrishnan g is presenting

RC Madurai sridharaswami... principal vc Mr. G. Anbala... venkatesan t Viji v veerarakumar k karthik s

dhasekaran t durairajan p akash d harish c jeyaprakash d rangabashyam g vinothkumar v harish p dinakaran m

alaguraja k The Legend Divya B Kumar Jeyarani V hari am leelaprasath c meenakshisun... Thiagarajar Col... hemanthram ssg

manojkumar n santhosh r ramachandran v lakshmikantha... rajeshkannan s surendar r jeyaseelan j santhosh r sundaresan r

aathi s has left the meeting deepak k bharathiraja s Jeya Lakshmi Pandiya raja.J2... deepak s ramkumar b loguraj k 55 others You

11:38 | zbm-uciu-qst