



GURU NANAK COLLEGE (AUTONOMOUS)

Re-Accredited at 'A' Grade By NAAC

Affiliated to the University of Madras

Guru Nanak Salai, Velachery, Chennai -600042

Report

Event Title : *Origin Of Life, Fact or Fiction? A Million Dollar Question!!*

- 1. Category : Commerce UG/PG Students**
- 2. Department : Social Work**
- 3. Date: 24th June 2020**
- 4. No. of Participants:71**
- 5. No. of Resource Persons:1**

Report Description–

The PG Department of Social Work conducted the Webinar as the initiative on behalf of the School of Humanities.

Report

The webinar started at 2.00 PM.

Mr. Horst Kharis, Professor of the Department of Social Work inaugurated the webinar.

Dr. M.G. Rangunathan, Principal, Guru Nanak College addressed the participants with the welcome address.

Followed by the Welcome address, Dr. K. Shanthi, Head of the Department of Social Work introduced the Resource person to the participants.

Dr. Poonam Sethi gave a warm welcome to all the participants of the webinar. A brief explanation about what life is and its origin was described. Difference between Fact and Fiction was very well explained as Fact is something that's proved and Fiction as something that's not proved.

The speaker made it a point to divide the session as past, present and future. Therefore, past is always believed to be a "MYTH" which is a fiction that had lead

to facts to be proved in the present and near future. Myth is known as a social belief that is an attempt to answer a great question.

The Speaker explained the way of origin of Life as fact or fiction through many examples that includes,

- Religions
- Ancient Mythology
- Theories
- Hypothesis
- Reports

Religions are vastly distributed throughout the world and the speaker chose the major religions practiced in India and their way of portraying the origin of life. Every religion believed in a single fact that there is a **three part** with various names according to their ancient beliefs that's been followed for a several generations. All the facts were proved with evidences and pictures by the speaker.

- Hinduism- Tridev or Trimoorthy as Brahma, Vishnu and Shiva- Life originated from ANDA(Egg)
- Christianity- The Holy Trinity as the Father, Son and the Holy spirit- Life originated from a spark between God and Man
- Islam- Kindness, Mercy and Giving- Life originated with Man from soil and water into him in the form of blood
- Sikhism- Three Foundations of life as Nam Japna ,Kirat Karna and Vand Chhakna- Believed that life originates from Womb, earth, egg and heat.
- Buddhism- Ashtachakra was believed which has 3 parts as Life, death and rebirth- Believed that life originated from a supreme force or power.
- Jainism- Life is in 3 Loks for Lord, Plant/animals and Human

There have been **ancient mythologies** throughout the world that talks about the origin of life and the evolution. All of them have a common origin which is the egg.

- Chinese Mythology- Pangu, the first creature on earth came out from an Egg called Chaos and the whole earth evolved from his body
- Egyptian Mythology- Believes that the whole world evolved from a cosmic egg or mundane egg with earth and sky being 2 halves.

- Greek Mythology- A bird named Nyx is where the world started where it laid a golden egg and it evolved eventually

Many **theories** have been put forth by scientists since the medieval age, where science believes in facts. There have been various theories of evolution debating for the fact of the Origin of Life. 2 Hypothesis of THEORY OF BIOGENESIS & THEORY OF ABIOTENESIS are the major topics to be experimented in the Origin of Life.

- Theory of Biogenesis was supported by Sir Louis Pasteur and Lazar Spallanzani with lives originating from Microorganisms.
- Theory of Spontaneous Generation was put forth by Francesco Redi with life evolving with Maggots and meat.
- Theory of Abiogenesis was supported by Alexander Oparin and J. B. S. Haldane in 1925 and Urey–Miller where the later proved that life evolved and originated from Chemicals.
- Theory of Evolution by Charles Darwin is the largely accepted theory throughout the world where, Survival of the Fittest is the proved part of evolution and clearly explained the evolution of species.

Hypotheses have been raised by many scientists about the origin of life.

- Panspermia Hypothesis is one of the famous hypothesis that supports the theory of Abiogenesis where the same chemicals used for the experiment were found in comets and meteorites which was believed to be the origin of life from ZIRCON.

Various **reports** have been published regarding the origin of life.

- In 2013, Paleontologist Sankar Chaterjee from US explained that the earth was formed 4 million years ago and origin of life was from rocks, volcanoes and soil.
- In Contrary to the former report, Australian scientists published that life has originated from an organism called Cyano bacteria (Blue- green algae).

At present, amidst the Corona Virus pandemic it is found that the origin of life is from RNA which is a single stranded particle that evolved to DNA that is Double Stranded.

- RNA Hypothesis
- Invitro Fertilization
- Infinite Stem cell theory

In Future, there are Robots to be introduced through Artificial intelligence that was introduced in Jan 2020 named Zenobots- developed from stem cells of frogs that have self- healing capabilities.

As a conclusion, the Question and answer session was held.

1. Conclusion of the talk whether origin of life is a fact or fiction? Question by Mr. M. G. Ragunathan, Principal.

Fiction led to fact was the answer given by the speaker.

2. The origin of life was put up in layman terms as question rose by Mr. Gopi as Hen or Egg?

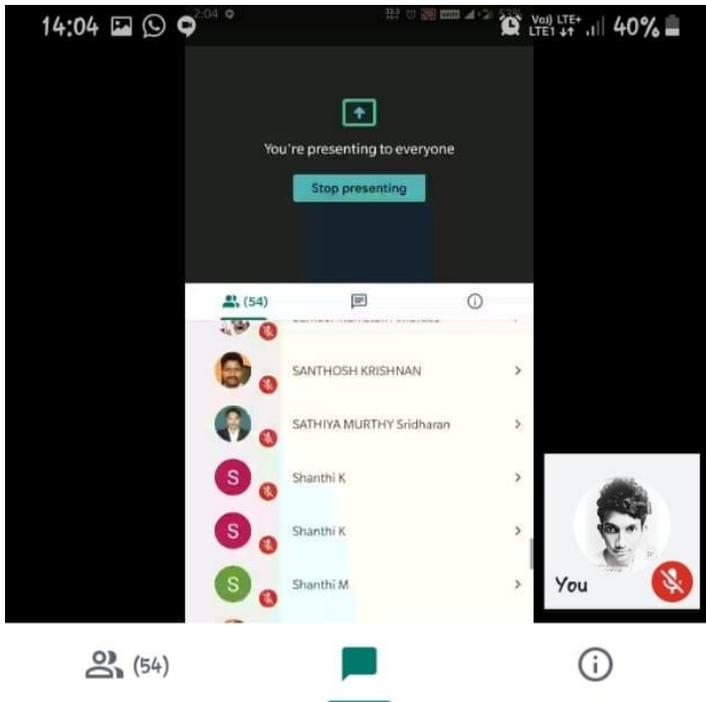
Discussion was held regarding the same with a conclusion that Life originated from egg.

Mrs. Malathi and Mr. Neduncheziyan shared their views on the topic and the webinar as a whole. Many of the participants commented on the webinar as a useful part.

The webinar came to an end at 3.00 PM with a Vote of Thanks delivered by Dr. K. Shanthi, Head of the Department of Social Work.



- (42)
 - Dennees Varghese (You)
 - Guru Nanak College Social Work >
 - poonam sethi >
 - Shanthi K >
 - Others in the meeting (38)
 - A D SAKUNTHALAI >
- ||| ○ <



FEEDBACK - E-Certificates

E-Certificates will be issued **ONLY** to participants who submit their feedback form.

Participants are asked to fill the feedback form at the end of the session and will be open for 30 Minutes only after the session.

E Certificates for the Webinar shall be sent to the participants through the Email id provided in the Feedback Form within 3days.

Feedback link will be sent at the end of the session

ROHIN S 1 min

Thanks for the before information

MALATHI N 1 min

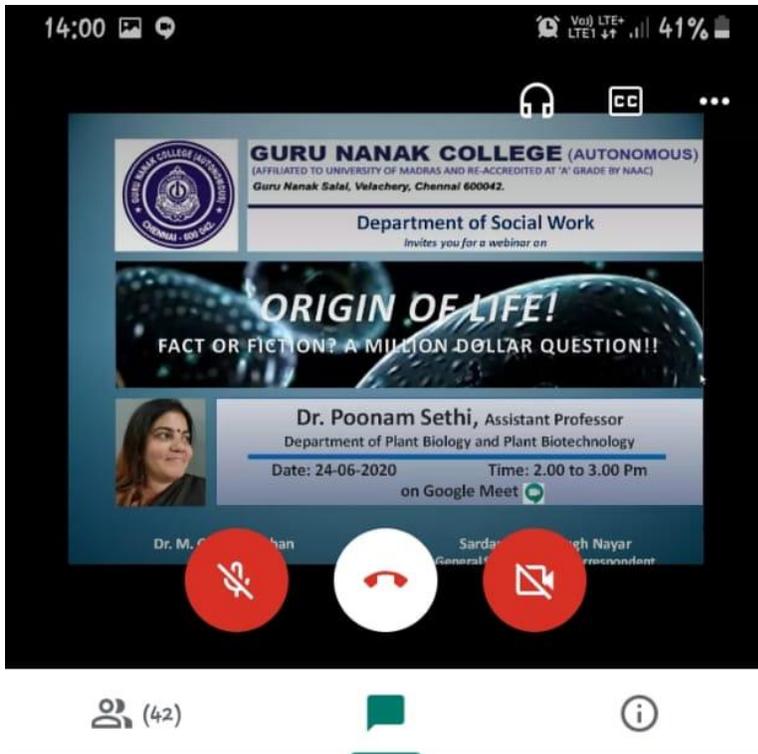
Good afternoon every one.

Shanthy M Now

Good Afternoon,All

Send a message to everyone here





Guru Nanak College Social Work *Now*
Question & Answer
Use the 'Chat box' for comments and questions.

Send a message to everyone here



14:05

Voi LTE+ 40%



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Dennees Varghese (You)



Dnesh raju17



Dr. M. G. Ragunathan Principal



Horst Kharis E

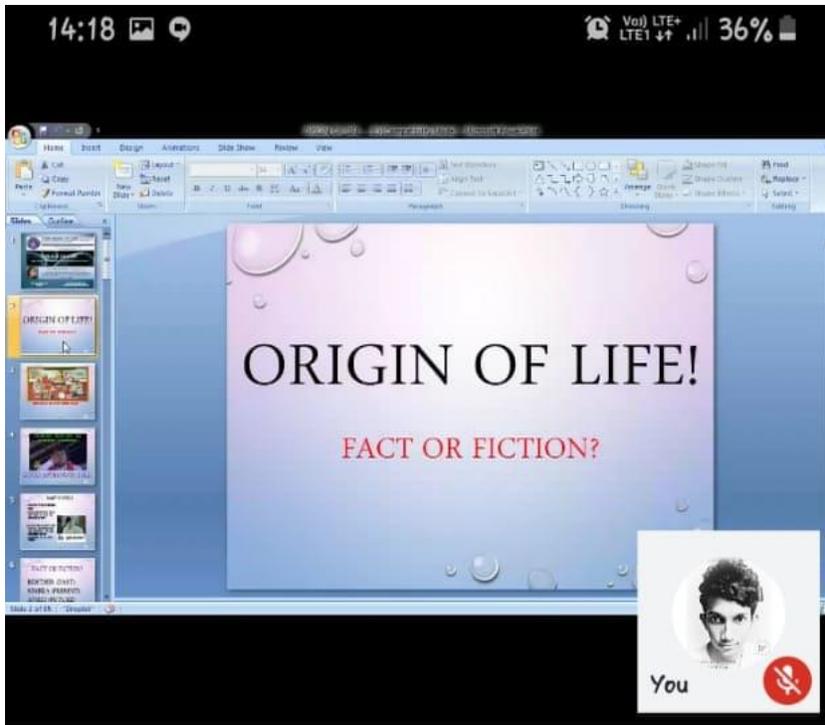


Others in the meeting (51)



A D SAKUNTHALAI





(64)



Amala Courthuraj 5 mins

To whom we should pin?

Nirmal selvaraj 3 mins

Please Mention the name to whom should I pin

Mr. Arvind Satyarthi 2 mins

Good afternoon to everyone

yogesh yadav 1 min

Good afternoon noon everyone

KARTHICK Siva Now

Why are delay 17 minutes 😞

Rajan Parasuraman Now

yes mam its visible

Send a message to everyone here



Invitation/Brochure



GURU NANAK COLLEGE (AUTONOMOUS)
(AFFILIATED TO UNIVERSITY OF MADRAS AND RE-ACCREDITED AT 'A' GRADE BY NAAC)
Guru Nanak Salai, Velachery, Chennai 600042.

Department of Social Work
Invites you for a webinar on



ORIGIN OF LIFE!
FACT OR FICTION? A MILLION DOLLAR QUESTION!!



Dr. Poonam Sethi, Assistant Professor
Department of Plant Biology and Plant Biotechnology

Date: 24-06-2020 Time: 2.00 to 3.00 Pm
on Google Meet 

Dr. M. G. Ragunathan
Principal

Sardar Manjit Singh Nayar
General Secretary and Correspondent

Certificate Copy



GURU NANAK COLLEGE (Autonomous)
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CERTIFICATE OF PARTICIPATION

This is to certify that

Mr. Horst Kharis E

has participated in the online webinar titled "Origin Of Life, Fact or Fiction? A Million Dollar Question!!" organized by the Department of Social Work, Guru Nanak College (Autonomous), Velachery, Chennai-600042 on 24th June 2020.

Dr. M. G. Rangunathan
Principal

Sardar Manjit Singh Nayar
*General Secretary &
Correspondent*