

DEPARTMENT OF BIOCHEMISTRY

Name of the Activity : Webinar session

Activities Start Date : 26.06.2020

No. of Resource Person : One

Activities End date : 26.06.2020

No. of Participants of the Webinar : Other states: 02
Other districts: 03
Within the district: 95

Total Participants : 100

Report Name : Webinar on "**Nuances of Scientific Methodology**" by Dr. Karthik Mohan
Associate Professor, Department of
Biochemistry, E.G.S. Pillay Arts and
Science College, Nagapattinam

Report Description:

DEPARTMENT OF BIOCHEMISTRY

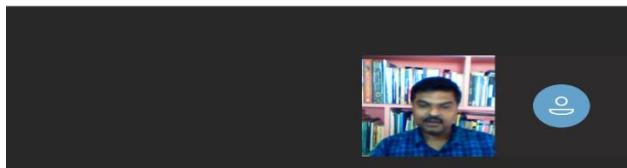
On **26.06.2020** the Department of Biochemistry organized a Webinar on "**Nuances of Scientific Methodology**" from **4.00 to 6.00 pm** through Microsoft Teams platform. This webinar was organized in collaboration with the Wings Academy of Skill Training, Chennai. The host of the session was **Dr. Karthik Mohan**, Associate Professor, Department of Biochemistry, E.G.S. Pillay Arts and Science College, Nagapattinam. A total of 100 participants from other districts and states actively attended the webinar. The event started with prayer service followed by welcome address by Dr. D. Prema, Assistant Professor of Biochemistry department. The resource person discussed on various terms like science, project, research, and thesis etc., An in-depth knowledge of identifying the problem to carry out the research was explained in a precise and clear manner. The difference in terminology like discovery, invention and various aspects of Incremental and radical innovation was also explained. One view of science and technology and classical phases of scientific methodology was discussed in detail. The session was interesting and informative as the speaker interacted with the delegates during the webinar. There was also a question and answer session at the end of the session in which the queries raised by the participants were discussed by the host. The session ended with an official vote of thanks by T. Saraswathi , Assistant Professor of Biochemistry department. The feedback link was given in the chat box at the end of the session and e-certificates were given to all the participants.

WEBINAR PHOTOS

Nuances of Scientific Methodology



Dr. Karthik Mohan
 PG & Research Department of Biochemistry,
 E.G.S. Pillay Arts & Science College,
 Nagapattinam
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Types of Research – view point of application

■ Pure, basic, or fundamental research

- Driven by the **scientist's curiosity** or interest in a scientific question.
- Involves development and testing theories and hypothesis that are intellectually challenging to the researcher but may or may not have practical application at the present time or in the future.
- ...Frequently involve very abstract and specialized concepts

■ Applied research

- Designed to **solve practical problems** of the real world, rather than to acquire knowledge for knowledge's sake.
- Often involves the use of some technology in the development of new processes or systems.
- Frequently linked to R&D



Step 7: Publish findings

■ **A research result is not a contribution to the field if no one knows about it or can use it!**

■ Write scientific papers, make presentations

- Intermediate results
 - Conferences
 - Collect feedback

- Consolidated results
 - Journals

■ Be careful in selecting where you publish !

■ Write dissertation

"Publish or perish !"



Nature of Scientific Methods

The "scientific method" attempts to minimize the influence of the researchers' bias on the outcome of an experiment.

Top 5 Most INTELLIGENT ANIMALS On Earth



Which one is the Most intelligent?

+74

S

S

WA

C

K

Meeting chat

- A AGALYAJ (Guest) 5:11 PM
Monkey
- MS MARGRET SHELTEHD (G... 5:11 PM
Dog
- E Elakiya (Guest) 5:11 PM
Dog
- Rajeshwari (Guest) joined the meeting.
- MH m. harishree (Guest) 5:11 PM
Elephant
- B Blessil (Guest) 5:11 PM
Elephant

Type a new message



P.G DEPARTMENT OF BIOCHEMISTRY

Holy Cross College (Autonomous)
Affiliated to Bharathidasan University
Nationally accredited with A++ Grade (4th Cycle) by NAAC
College with Potential for Excellence
Tiruchirappalli - 620002



In Collaboration with
WINGS ACADEMY OF SKILL TRAINING
Chennai - 600094

cordially invites you all for the Webinar on

NUANCES OF SCIENTIFIC METHODOLOGY



Resource Person

Dr. KARTHIK MOHAN

Associate Professor
Department of Biochemistry,
E.G.S. Pillay Arts and Science College,
Nagapattinam

Date: 26.06.2020 Time: 4 - 5 pm

Presided by

Dr. Sr. Christina Bridget

Principal
Holy Cross College,
Trichy

The link to join the Webinar will be sent to you to the registered E-mail ID

[Click here to Register](#)

Organized by

*Dr. S. Josephinal
Head and Faculty members,
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Trichy 620002*

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