

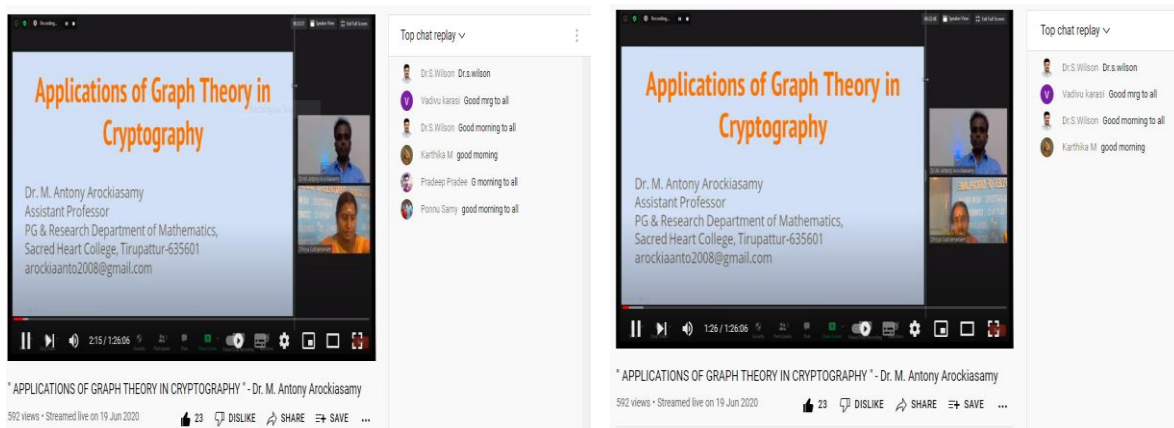
**KANDASWAMI KANDAR'S COLLEGE, VELUR, NAMAKKAL (DT)-638182
PG & RESEARCH DEPARTMENT OF MATHEMATICS**

**REPORT ON NATIONAL WEBINAR ON
APPLICATIONS OF GRAPH THEORY IN CRYPTOGRAPHY**

A national webinar on the theme “**APPLICATIONS OF GRAPH THEORY IN CRYPTOGRAPHY**“, organized by PG & Research Department of Mathematics, Kandaswami Kandar's College, Velur, was held on 19th June 2020, through online mode using Zoom meet platform(Link: <https://us02web.zoom.us/j/82396243765>) and was lively streamed in the Youtube channel. (Link: <https://www.youtube.com/watch?v=mE5bepKtRNg&t=674s>).

Resource person for the webinar was **Dr.M.Antony Arockiasamy**, Assistant Professor, PG & Research Department of Mathematics, Sacred Heart College (Autonomous), Tirupattur. The Webinar was organized with the aim of sharing knowledge about the applications of Graph Theory in the field of Cryptography and way ahead towards research in this area. Around 290 participants comprising a blend of National and International academicians, researchers, students from various institutions attended the Webinar.

The Webinar started at 10.30 pm IST with welcome address by **Mrs. S.Dhivya** , Assistant Professor, PG & Research Department of Mathematics, Kandaswami Kandar's College, Velur and introduction address was given by **Dr.M.Angayarkanni**, Associate Professor, PG & Research Department of Mathematics, Kandaswami Kandar's College, Velur.



Dr.M.Antony Arockiasamy, in his session spoke about the current scenario about the Graph Theory and its applications in various fields. He raised the concern about the challenges and opportunities in the field of Graph Theory.

" ALL YOU NEED TO KNOW ABOUT SYMMETRIC KEY ALGORITHM "

David Tanuja

The same key, secret, which only the sender and receiver know!

SECURE CHANNEL

Original message Scrypted message Scrypted message Original message

SENDER RECEIVER SENDER RECEIVER

" APPLICATIONS OF GRAPH THEORY IN CRYPTOGRAPHY " - Dr. M. Antony Arockiasamy

592 views · Streamed live on 19 Jun 2020

23 DISLIKE SHARE SAVE ...

Top chat replay

- SOWMIYA Chinnu good morning
- J math audio problem
- Vergin Raji Good morning all of you
- Dr A. Padma Good morning to all
- Vergin Raji audio is not clear
- N Ramalingam audio not clearing
- nithya nithi good morning to everyone
- SOWMIYAH SUNDARAMOORTHY both audio and video is not clear
- Rajeshkumar R audio is not clear...
- Pradeepa Mahesh R, PRADEEPA, PAAVAI ENGINEERING COLLEGE
- Pattabiraman K audio not clear and slides not visible
- Palani Vel hi good morning to all
- neke manju good morning
- Sathya M good morning

The interactive session was handled by **Mrs. S.Dhivya** , Assistant Professor, PG & Research Department of Mathematics, Kandaswami Kandar’s College, Velur and queries raised by the participants regarding various aspects were addressed by the resource person.

Applications of Graph Theory in Cryptography

Dr. M. Antony Arockiasamy
Assistant Professor
PG & Research Department of Mathematics,
Sacred Heart College, Tirupattur-635601
arockiaanto2008@gmail.com

" APPLICATIONS OF GRAPH THEORY IN CRYPTOGRAPHY " - Dr. M. Antony Arockiasamy

592 views · Streamed live on 19 Jun 2020

23 DISLIKE SHARE SAVE ...

Top chat replay

- Dr.S.Wilson Dr.s.wilson
- Vadivu karasi Good mrg to all
- Dr.S.Wilson Good morning to all
- Karthika M good morning
- Pradeep Pradee G morning to all
- Ponnu Samy good morning to all
- J math good morning sir

Finally, the webinar was concluded with the expression of gratitude by **Mrs. S.Dhivya** , Assistant Professor, PG & Research Department of Mathematics, Kandaswami Kandar’s College, Velur who was compered and coordinated the programme.