

St. Mary's College, (Autonomous)

Department of Physics

Invited Talk on "Challenges for Gen-Next Scientists" – 01.03.2021



➤ Invitation



# STAR PROGRAMME

2020-2021

Organized by

Marian Star Centre

**St. Mary's College (Autonomous)**

Re-accredited by NAAC with 'A+' Grade

Thoothukudi-628 001, Tamilnadu

**Department of Physics**

Commemorates

**the National Science Day**

Invited talk on

**CHALLENGES FOR GEN-NEXT SCIENTISTS**

Sponsored by



Department of Biotechnology  
Ministry of Science & Technology  
Government of India



Resource Person

**Dr. J. Daniel Chellappa**

Eminent Nuclear Scientist  
Chennai

Contact mail id

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marianstarphysics@gmail.com

<https://forms.gle/xS2c2xi2WygxH1QR8>

e-certificate will be provided

01.03.2021

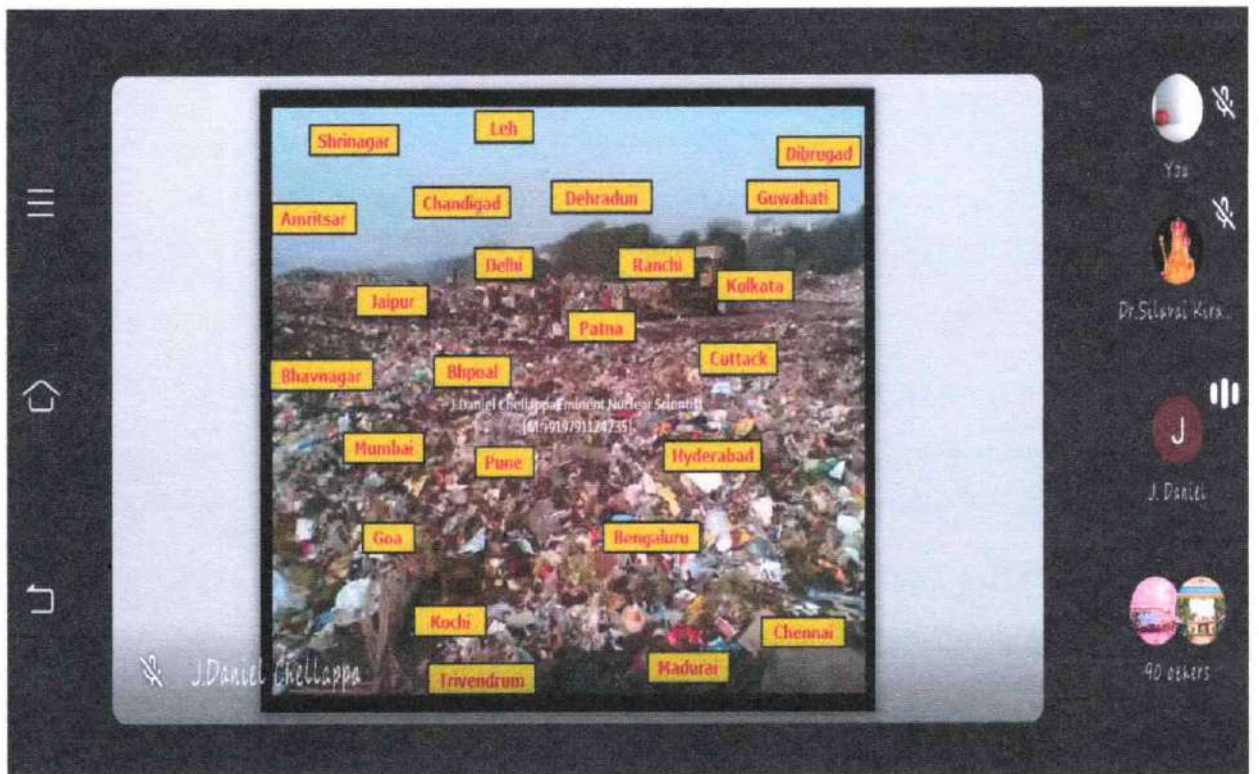
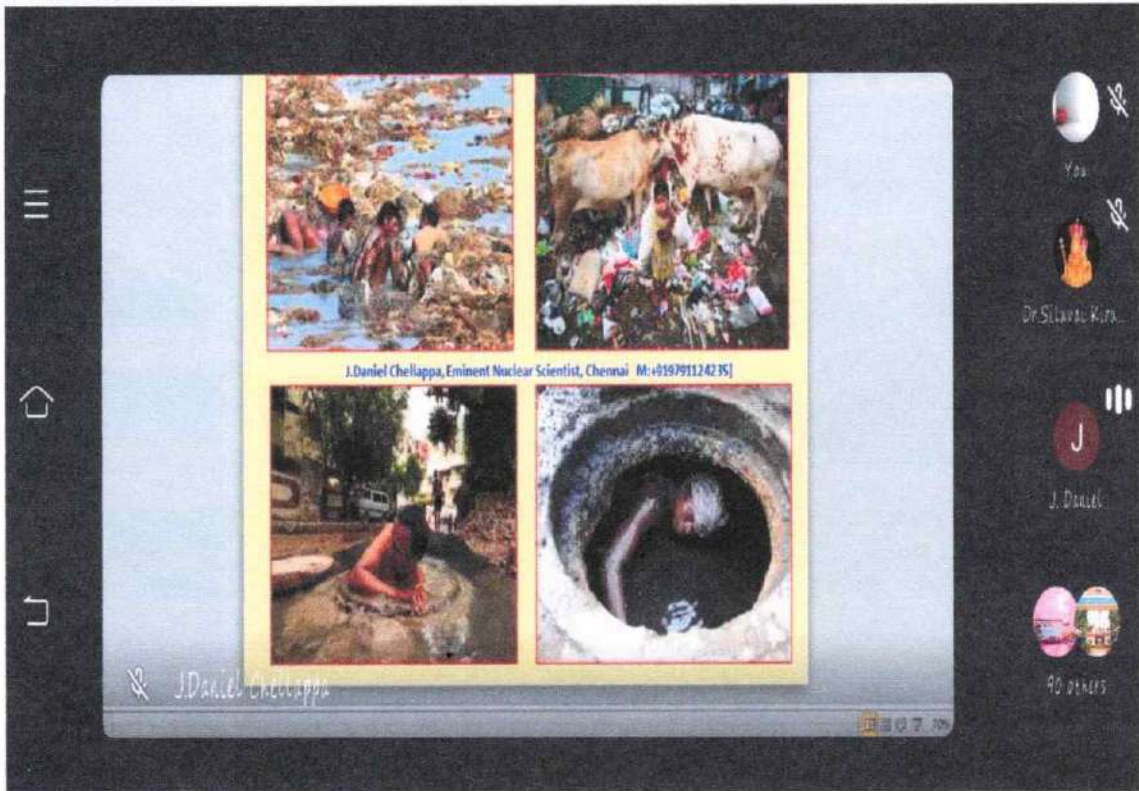
2.30 p.m -4.00 p.m

Google Meet

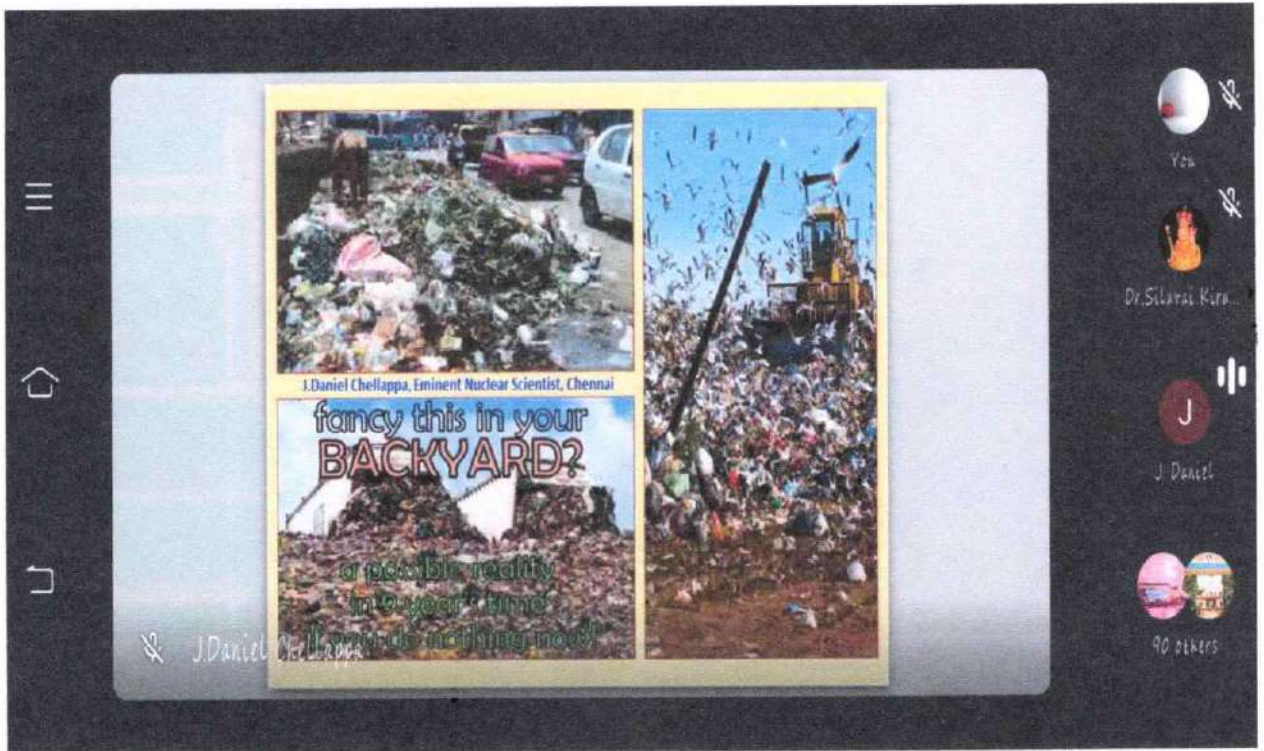




➤ Screenshot







## ➤ Certificate

### INVITED TALK ON CHALLENGES FOR GEN-NEXT SCIENTISTS

Organised by  
**Marian Star Centre**  
 Department of Physics  
**St. Mary's College (Autonomous),**  
 Re-accredited by NAAC with 'A+' Grade  
 Thoothukudi - 628001.

Sponsored by  
**Department of Biotechnology**  
 Ministry of Science & Technology,  
 Government of India

**CERTIFICATE OF PARTICIPATION**

**Ms. JAFFRY.T**  
 III B. Sc Physics  
**St. Mary's College (Autonomous), Thoothukudi**

*has successfully completed the INVITED TALK ON CHALLENGES FOR GEN-NEXT SCIENTISTS  
 organised on 01.03.2021 by Department of Physics, St. Mary's College (Autonomous),  
 Thoothukudi, Tamilnadu, India.*

*Arockia Jenecius Alphonse*  
**Dr. Sr. A. Arockia Jenecius Alphonse**  
 DBT - Overall Coordinator

*Jessie Fernando*  
**Dr. Sr. Jessie Fernando**  
 Convenor

*Lucia Rose*  
**Dr. Sr. A. S. J. Lucia Rose**  
 Principal



## ➤ Report

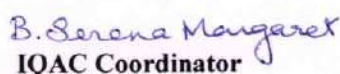
An invited talk on “Challenges for Gen-Next Scientists” was organised on 1<sup>st</sup> March 2021 by the Department of Physics, St. Mary’s College (Autonomous), Thoothukudi as a part of the Star College Scheme sponsored by the DBT, New Delhi. Dr. Sr. Jessie Fernando, Head of the Department of Physics graced the occasion with her words of welcome. Dr. J. Daniel Chellappa, Eminent Nuclear Scientist, Chennai was the resource person. In his talk, he threw light on importance of Science and the struggles and contributions of various scientists towards it. At first he started with the rapid fire questions. He asked about infrastructure of the ancient kitchen how our elders use the chimney to release the smoke. We are using science in day to day life. He asked to do one activity (making of sambar). When we have to add salt whether we have to add it at first or last. He said this should be done as an experiment and report the result through mail. Science is the basic knowledge for innovative ideas. Indians are not using the Indian products like mobiles, laptops, cosmetics, lab equipment etc. Indians have to manufacture their own products and this is the important motto in the "National Science Day". Science is full of fun and excitement and we are exploring the nature. We have to discover ourselves and our dreams. When we discover something with our innovative ideas and launch it successfully, then we will get excitement about science. First we have to know about our strengths and weaknesses and we should serve the country with our knowledge and wisdom. Economy is based on science, so young scientists should have this in mind. Students shouldn't simply by-heart things, they should learn with understanding. There is no red carpet for scientists, so you have to work hard and be ready to face the problems. India faces major problems like pollution, sewage disposal and water scarcity. We have to save water resources in our country and make it water positive. He is involved in social activities in various parts of India, like sewage cleaning in Ahmadabad and save Vaigai in Madurai in which he himself participated. 350 participants from St. Mary’s College and 25 participants from Pune and Punjab participated actively and enthusiastically. The session fruitfully ended up with a vote of thanks by Dr. S. Euchrista Immaculate Sylvia, Associate Professor of Physics.



Head of the Department

**HEAD**

Department of Physics,  
St. Mary's College (Autonomous),  
Thoothukudi - 628 001.

  
B. Serena Margaret  
IQAC Coordinator

**IQAC Co-ordinator**

St. Mary's College (Autonomous)  
Thoothukudi



Principal

St. Mary's College (Autonomous)  
Thoothukudi - 628 001.