



UNIVERSITY OF MYSORE  
**YUVARAJA'S COLLEGE (Autonomous)**

(A CONSTITUENT AUTONOMOUS COLLEGE OF THE UNIVERSITY OF MYSORE)  
Re-Accredited 'A' Grade by NAAC with CGPA of 3.34 & College with Potential for Excellence

JLB Road, Mysuru – 570 005

Department of Molecular Biology

**Antibiotic Stewardship and Prevention of Infection in  
Communities (ASPIC) –YCM Chapter**



08<sup>th</sup> August 2020

**Report on the Virtual Inauguration of the Antibiotic Stewardship and  
Prevention of Infection in Communities (ASPIC) Club – Yuvaraja's  
College Chapter**

Date: 05<sup>th</sup> August 2020 at 11 am

Virtual platform: Google Meet

The idea of Antibiotic Stewardship and Prevention of Infection in Communities (ASPIC) Clubs Network is to promote a public cause and create social awareness among the community on anti-microbial resistance through different modes. It is an honour and privilege for Yuvaraja's College, Mysuru (YCM) to be a part of this network. The ASPIC Club Yuvaraja's College Chapter was inaugurated virtually via Google meet on 5<sup>th</sup> August 2020. Below is a report about the overall session.

Around 120 people joined the inaugural program virtually. The event took off by the greetings and a short introduction about ASPIC was by the moderator of the event, Syed Shahid Afridi followed by welcome address by Ms. Sanjana Shajan, Guest faculty, Dept. of Molecular Biology, YCM. Later, Dr. B N Yashodha, Principal, YCM addressed the session. The keynote address was delivered by Dr. N S Devaki, Associate Professor & Course-coordinator, Dept. of Molecular Biology, YCM. Following this, Dr. Phillip Mathew, Public Health Consultant, ReAct Asia Pacific gave a brief introduction to ASPIC Clubs Network and its main aim of creating awareness about AMR among the public through students. He also talked about the strategic priorities of International academic network-ReAct (2019-2022) & also its mandates. After this, the club was declared open by Dr. Phillip Mathew and Dr. B N Yashodha, Principal, YCM. Following the inauguration, Neetha Thilosh briefed about ASPIC – YCM Chapter and also prospective activities of the club.

Later, Subiya Khan introduced our Chief Guest Dr. M N Sumana, Professor, Dept. of Microbiology, JSS Medical College, Mysuru. Dr. M N Sumana delivered a beautiful innovative inaugural lecture on "Antimicrobial Resistance – A ticking time bomb". Some highlights of her lecture:

- Global action plan on anti-microbial resistance
- Core value of antibiotics – Save antibiotics; Save lives

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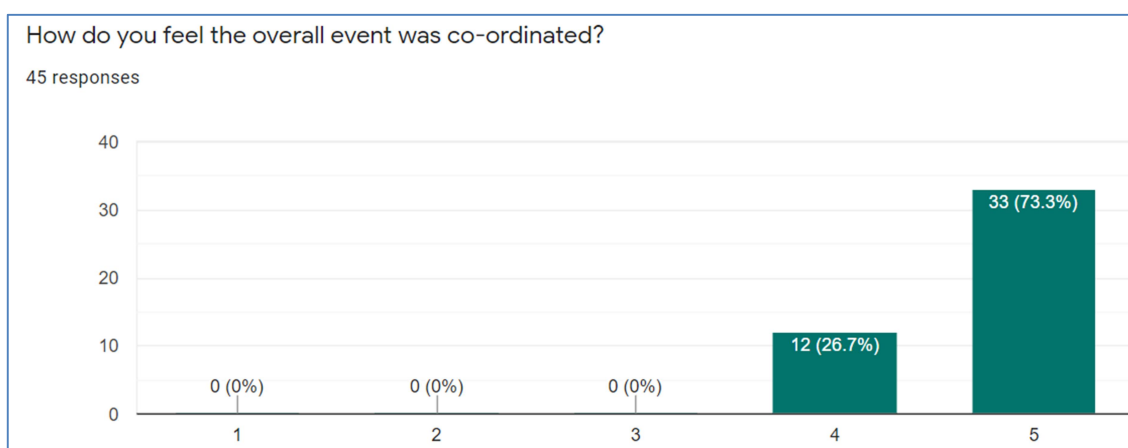
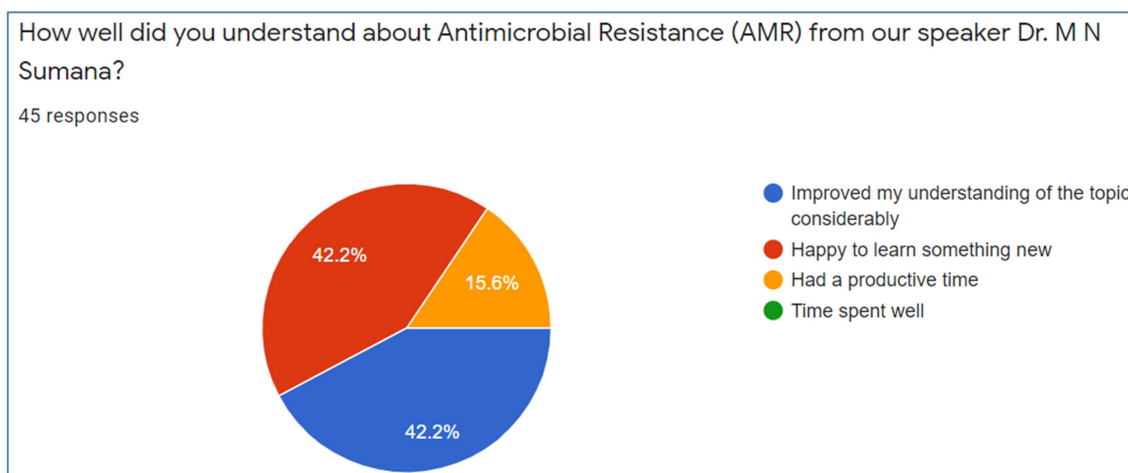
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- Importance of Antibiotic stewardship, which helps in improving the outcome for the patients in hospital by decreasing the cost of antibiotics, antibiotic resistance and *Clostridioides difficile* infections
- Causes & spreading of antibiotic resistance
- Importance of hand hygiene was taught by a hand hygiene anthem
- Proper Biomedical waste management has to be followed to reduce new infectious diseases
- Action of different antibiotics inside a cell, which was beautifully described in the form of a cartoon & development of antibiotic resistance
- National guidelines of Antibiotic stewardship
- Antibiotic recycling in the community
- Educating and training the general public about the rational use of antibiotics through innovative games
- Final goal of antibiotic stewardship is to cause the least harm to the patients and save more antibiotics for the present and future

Following this, a short video on 'How society is responding to the challenge of antibiotic resistance' by Science Museum (<https://www.youtube.com/watch?v=u2kuIONWaxI>) was played for the audience.

Finally, the program was concluded with vote of thanks by Aditi L H.

After the session, we also tried to obtain **feedback/suggestions** from attendees through Google Forms.



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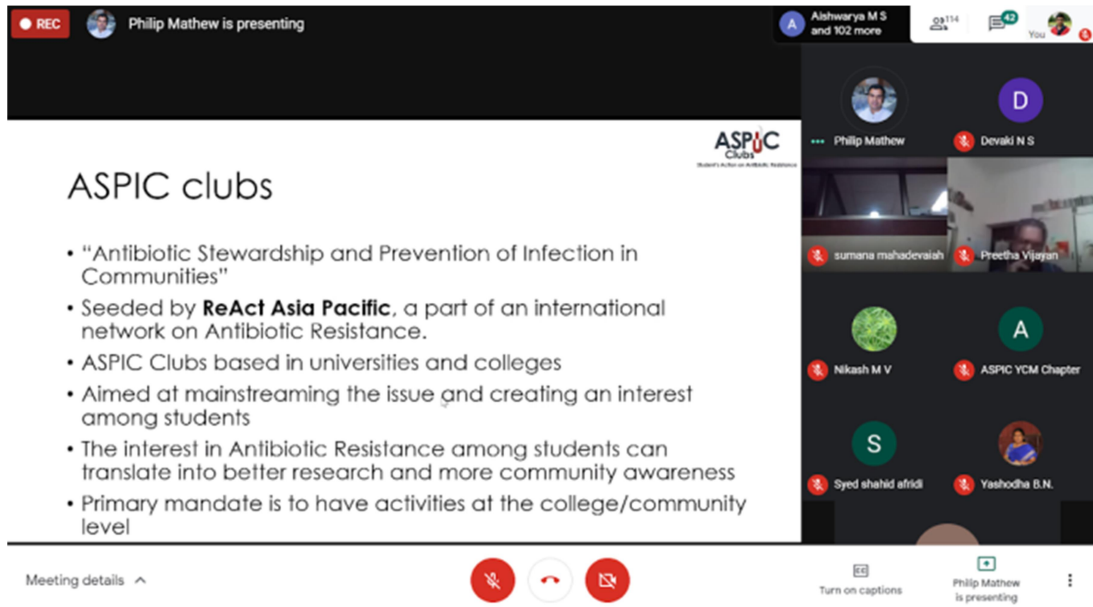
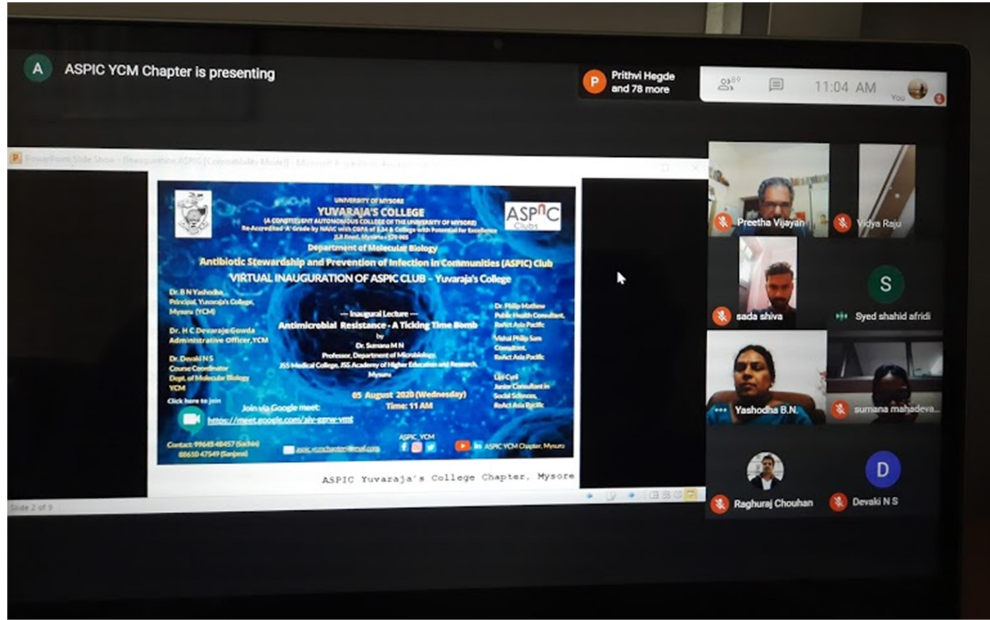
Summarising the suggestions we received, it was reflected that there is a dire need for future talks in areas of AMR. It was also highlighted by our audience that, dividing the audience into different categories and arranging talks accordingly would prove very effective. Importance of conducting small local surveys with respect to antibiotic prescription and usage, presentation of drug resistance case studies was also advised.

### Some of the Screenshots of the session



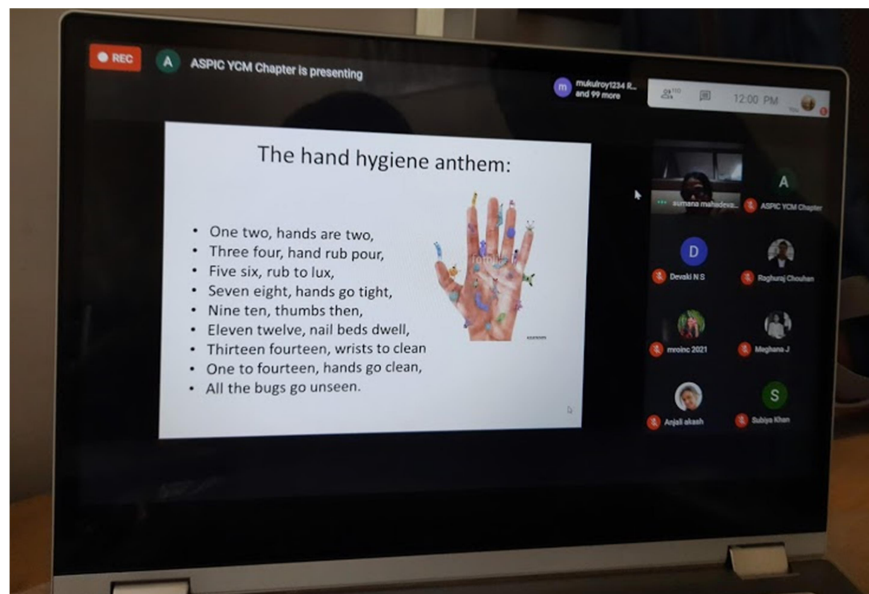
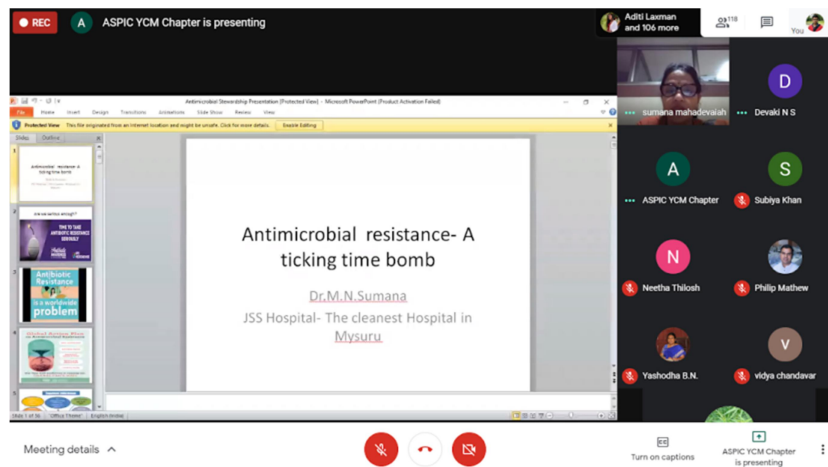
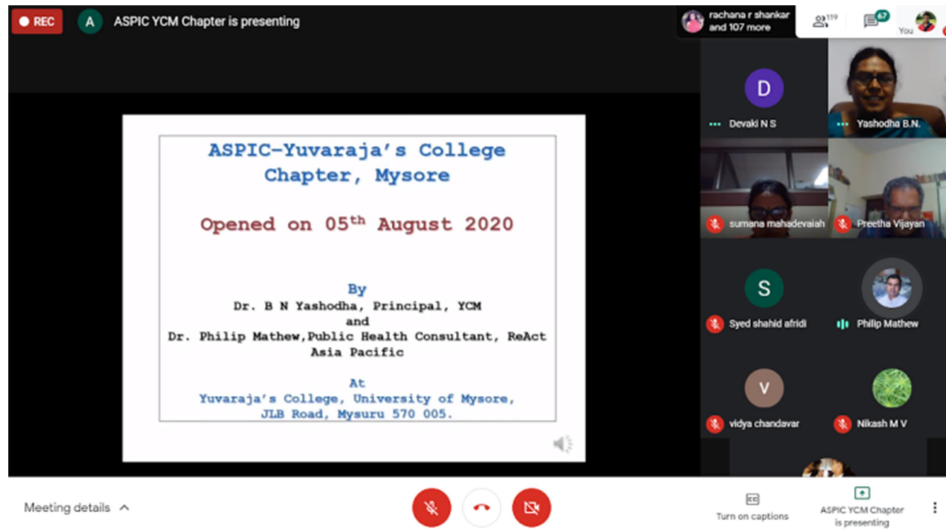
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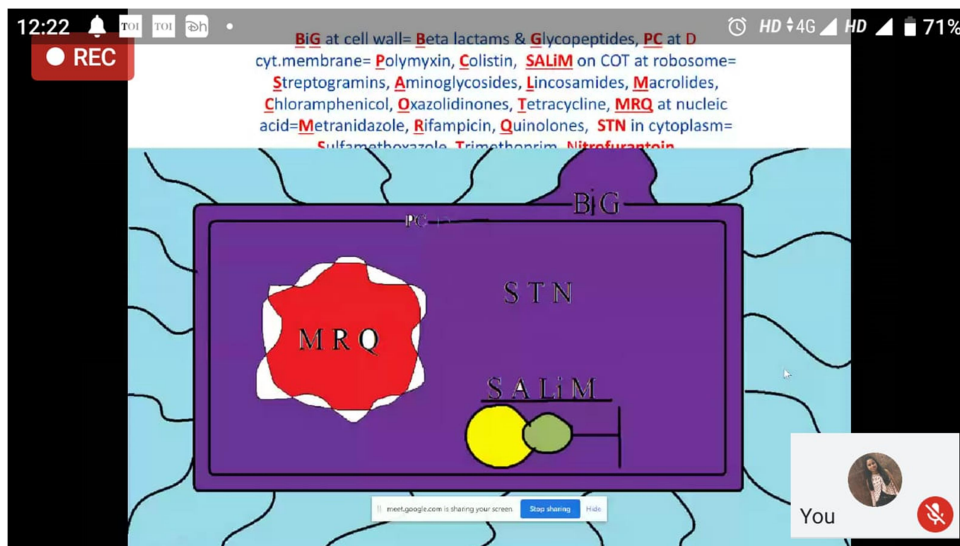
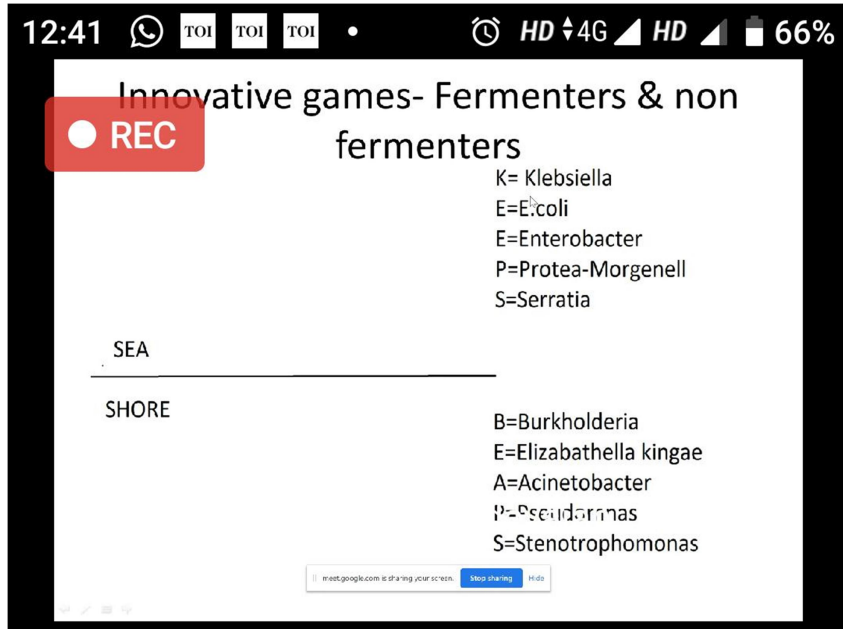
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Mechanism of action of antibiotics was explained as above

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