EMPOWERING ASIA PACIFIC STUDENTS’ LEADERSHIP IN ESD THROUGH NETWORKING

1 ONLINE CONFERENCE
05 SEPTEMBER 2018

2 VIDEO COMPETITION
05 NOVEMBER 2018

ORGANISED BY,
SPONSORED BY,
IN COLLABORATION WITH,
SCHOOL OF EDUCATIONAL STUDIES, USM

SCIENCE AND TECHNOLOGY AWARENESS PROGRAMME 2018
EMPOWERING ASIA PACIFIC STUDENTS’ LEADERSHIP IN ESD THROUGH NETWORKING

BY RCE PENANG
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1.0 INTRODUCTION

Student leadership in sustainability cannot be achieved single handed by single stakeholders. Collaboration proves a strategic avenue to develop students’ leadership in ESD. Therefore, inline with 21st century learning competencies, it is essential that students are empowered to collaborate and share their ESD knowledge at global level and specifically in this proposal at the Asia Pacific level. It is important that students in Penang play a leading role in ESD together with other students in Asia Pacific schools through RCE Centres in the Asia Pacific.

The program involved a series of discussion, presentations and online competition via video-conferencing focusing on Education for Sustainable Development with three themes that are Sustainable Consumption and Production, Biodiversity and Climate Change. This program provides a collaboration opportunity for students in Penang, Korea, Bangladesh, Indonesia and India to share and exchange ideas on sustainability related to the specific themes.

2.0 OBJECTIVES

- To develop student leadership for building a sustainable society through education focus on the following themes which are Sustainable Consumption and Production, Biodiversity and Climate Change.
- To promote international partnership as a mean of developing student leadership in ESD
- To create leaders who are able to transform their knowledge for a sustainable society
- To empower students to be the leaders in promoting ESD
3.0 PROGRAMME

3.1. Online Conference on Empowering Asia Pacific Students’ Leadership in ESD through Networking (in preparation for video competition)
3.3 Video Competition on Empowering Asia Pacific Students’ Leadership in ESD through Networking

**SCIENCE AND TECHNOLOGY AWARENESS PROGRAMME 2018**

**VIDEO COMPETITION**

**ON**

**EMPOWERING ASIA PACIFIC STUDENTS’ LEADERSHIP IN ESD THROUGH NETWORKING**

FOR AGES 13 TO 17 YEARS OLD (SECONDARY SCHOOL)

Contestants create a video clip with one of these **THEMES**:

1. BIODIVERSITY
2. SUSTAINABLE CONSUMPTION & PRODUCTION
3. CLIMATE CHANGE

**PRIZES**

1st Prize USD 150
2nd Prize USD 120
3rd Prize USD 80

Closing date for video submission
25 October 2018

Shortlisted videos showcase and announcement of WINNERS
05 November 2018

ORGANISED BY,

SPONSORED BY,

IN COLLABORATION WITH,

RCE Penang at USM
Website: http://www.rce-penang.usm.my/

RCE GOA, RCE Greater Dhaka
4.0 IMPLEMENTATION OF PROGRAMME

4.1 Online Conference on Empowering Asia Pacific Students’ Leadership in ESD through Networking (in preparation for video competition)

**Tentative**

Date: 05 October 2018

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>11.00 am – 11.30 am</td>
<td>Established connection with participants</td>
</tr>
<tr>
<td>11.30 am – 11.40 am</td>
<td>Welcoming Remarks by Prof Dr Munirah Ghazali</td>
</tr>
<tr>
<td>11.40 am – 12.05 pm</td>
<td>Presentation on Biodiversity by Dr Nurul Salmi Abd Latip</td>
</tr>
<tr>
<td>12.05 pm – 12.25 pm</td>
<td>Presentation on Climate Change by Dr Nooraida Yakob</td>
</tr>
<tr>
<td>12.25 pm – 12.55 pm</td>
<td>Presentation on Sustainable Consumption &amp; Production by Dr Asyirah Abd Rahim</td>
</tr>
<tr>
<td>12.55 pm – 1.30 pm</td>
<td>Presentation on How to Produce Great Video Content by Dr Nik Norma Nik Hasan</td>
</tr>
<tr>
<td>1.30 pm – 1.50 pm</td>
<td>Presentation on Video Concept by Dr Aidiahmad Dewa</td>
</tr>
<tr>
<td>1.50 pm – 2.00 pm</td>
<td>Closing Remarks</td>
</tr>
</tbody>
</table>

Participants
4.2 Video Competition on Empowering Asia Pacific Students’ Leadership in ESD through Networking

**Video Entries**

<table>
<thead>
<tr>
<th>Country</th>
<th>Video Entries</th>
</tr>
</thead>
<tbody>
<tr>
<td>Malaysia</td>
<td>10</td>
</tr>
<tr>
<td>Indonesia</td>
<td>1</td>
</tr>
<tr>
<td>India</td>
<td>1</td>
</tr>
<tr>
<td>Total</td>
<td>12</td>
</tr>
</tbody>
</table>

**Video Themes**

- Biodiversity: 58%
- Climate Change: 25%
- Sustainable Consumption and Production: 17%
### Biodiversity

<table>
<thead>
<tr>
<th>Rank</th>
<th>School Name</th>
<th>State</th>
<th>Video Link</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>SMK Tanjung Gemok</td>
<td>Pahang</td>
<td><a href="https://youtu.be/X5p4Tlb0XnQ">https://youtu.be/X5p4Tlb0XnQ</a></td>
</tr>
<tr>
<td>1</td>
<td>SK Convent Green Lane (Primary School)</td>
<td>Penang</td>
<td><a href="https://youtu.be/GwJTGm6sf7k">https://youtu.be/GwJTGm6sf7k</a></td>
</tr>
<tr>
<td>2</td>
<td>SMK Dewan Beta</td>
<td>Kelantan</td>
<td><a href="https://youtu.be/ukjxszCS27c">https://youtu.be/ukjxszCS27c</a></td>
</tr>
<tr>
<td>3</td>
<td>SMK Doktor Burhanuddin</td>
<td>Perak</td>
<td><a href="https://youtu.be/FHa3EqoJS_8">https://youtu.be/FHa3EqoJS_8</a></td>
</tr>
</tbody>
</table>

### Sustainable Consumption and Production

<table>
<thead>
<tr>
<th>Rank</th>
<th>School Name</th>
<th>State</th>
<th>Video Link</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>8th Senior High School of Yogyakarta</td>
<td>Yogyakarta</td>
<td><a href="https://www.youtube.com/watch?v=Te8NGMYW3MQ">https://www.youtube.com/watch?v=Te8NGMYW3MQ</a></td>
</tr>
<tr>
<td>1</td>
<td>SK Dato Kramat (Primary school)</td>
<td>Penang</td>
<td><a href="https://www.youtube.com/watch?v=qWjlv64Y5_I">https://www.youtube.com/watch?v=qWjlv64Y5_I</a></td>
</tr>
</tbody>
</table>

### Climate Change

<table>
<thead>
<tr>
<th>Rank</th>
<th>School Name</th>
<th>State</th>
<th>Video Link</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>SMI Itqan</td>
<td>Penang</td>
<td><a href="https://drive.google.com/file/d/15o_peB57mCMCi6U5iGKteE3h7WBfdBLs/view?usp=drivesdk">https://drive.google.com/file/d/15o_peB57mCMCi6U5iGKteE3h7WBfdBLs/view?usp=drivesdk</a></td>
</tr>
<tr>
<td>2</td>
<td>SMK Convent (M) Kajang</td>
<td>Selangor</td>
<td><a href="https://youtu.be/kixLecG6oQgY">https://youtu.be/kixLecG6oQgY</a></td>
</tr>
<tr>
<td>3</td>
<td>St Michael</td>
<td>Goa</td>
<td><a href="https://youtu.be/R4YI0rvbrZA">https://youtu.be/R4YI0rvbrZA</a></td>
</tr>
</tbody>
</table>
5.0 LESSON LEARNED

1. Not all schools in the participating RCEs could take part on the given date. For example, RCE Goa students celebrate teachers day on 5th September. Therefore, the team has uploaded the recorded webinar sessions on YouTube and put the link on RCE Penang’s website. This gives students opportunities to view the webinar later at their own time.

2. Timing of competition is important, early of the year is better timing rather than November : students and teachers is are busy with exam

3. Will engage RCEs in Asia Pacific through United Nation University.

4. To budget for publication of compiled videos for common learning sharing

5. To include primary school participation in the future.

6.0 CONCLUSIONS

The overall programme were successfully implemented and the participants gained knowledge on ESD especially on the three themes which are Biodiversity, Sustainable Consumption & Production and Climate Change. The students showed their leadership skills through the video competition and understood the basic knowledge about Education for Sustainable Development especially on Biodiversity, Climate Change and Sustainable Consumption and Production.
7.0 WORKING COMMITTEE

PROJECT LEADER: Prof Dr Munirah Ghazali

MEMBERS:
1. AP Dr Mohammad Zohir Ahmad@Shaari
2. Dr Nik Norma Nik Hasan
3. Dr Nurul Salmi Abd Latip
4. Dr Asyirah Abd Rahim
5. Dr Nooraida Yakob
6. Dr Aidiahmad Dewa
7. En Mazlan Hanafi Basharudin
8. Nur Syazwana Hamzah
9. Wan Sharipahmira Mohd Zain
10. Kamsiah Kamarudin