

# SCIENCE AND TECHNOLOGY AWARENESS PROGRAMME 2018



## EMPOWERING ASIA PACIFIC STUDENTS' LEADERSHIP IN **ESD** THROUGH NETWORKING

1

ONLINE CONFERENCE  
05 SEPTEMBER 2018



2

VIDEO COMPETITION  
05 NOVEMBER 2018



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SCHOOL OF EDUCATIONAL STUDIES, USM



RCE GOA

RCE Greater Dhaka



RCE Penang at USM



Website: <http://www.rce-penang.usm.my/>

# 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)

**SCIENCE AND TECHNOLOGY  
AWARENESS PROGRAMME 2018**

# ONLINE CONFERENCE

**ON  
EMPOWERING ASIA PACIFIC STUDENTS'  
LEADERSHIP IN **ESD** THROUGH NETWORKING**

**DATE : WEDNESDAY, 05 SEPTEMBER 2018**  
**TIME : 11.00 A.M - 4.00 P.M (MALAYSIAN TIME)**  
virtually via **RCE PENANG, USM DASHBOARD**

**OPEN TO ALL!!**

## SPEAKERS

BIODIVERSITY	SUSTAINABLE CONSUMPTION & PRODUCTION	CLIMATE CHANGE
 DR NURUL SALMI ABD LATIP	 DR ASYIRAH ABD RAHIM	 DR NOORAIDA YAKOB
HOW TO PRODUCE GOOD VIDEOS	BRIEFING ON VIDEO CONCEPT	
 DR NIK NORMA NIK HASAN	 DR AIDIAHMAD DEWA	

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**IN COLLABORATION WITH,**  
SCHOOL OF EDUCATIONAL STUDIES, USM, RCE GOA, RCE Greater Dhaka, RCE YOGYAKARTA, RCE BANGKOK, RCE PENANG, RCE PENANG AT USM

Website: <http://www.rce-penang.usm.my/>



### 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**

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## 4.0 IMPLEMENTATION OF PROGRAMME

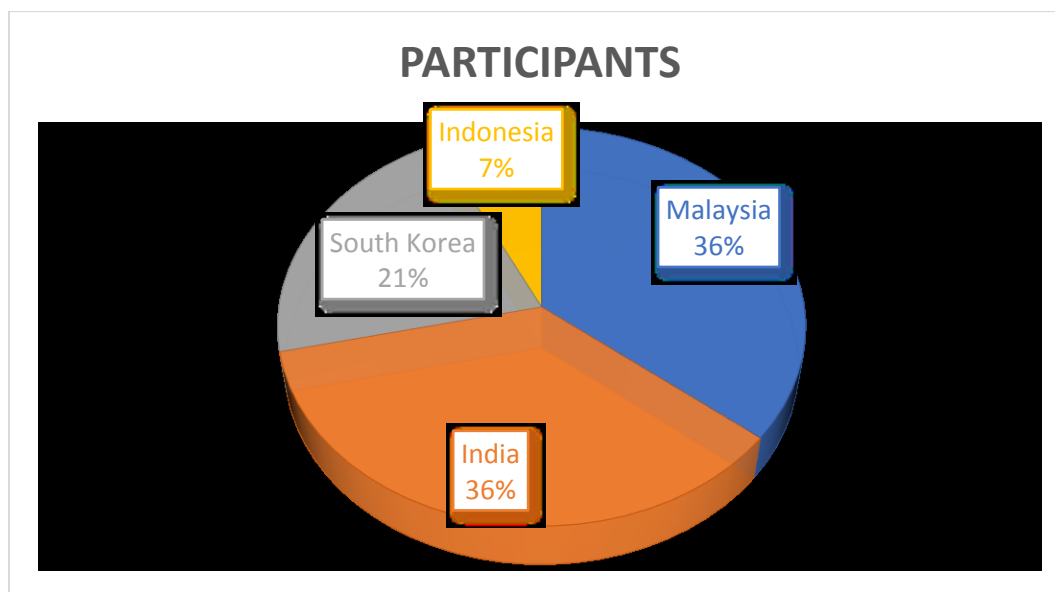
### 4.1 Online Conference on Empowering Asia Pacific Students' Leadership in ESD through Networking (in preparation for video competition)

#### Tentative

Date: 05 October 2018

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

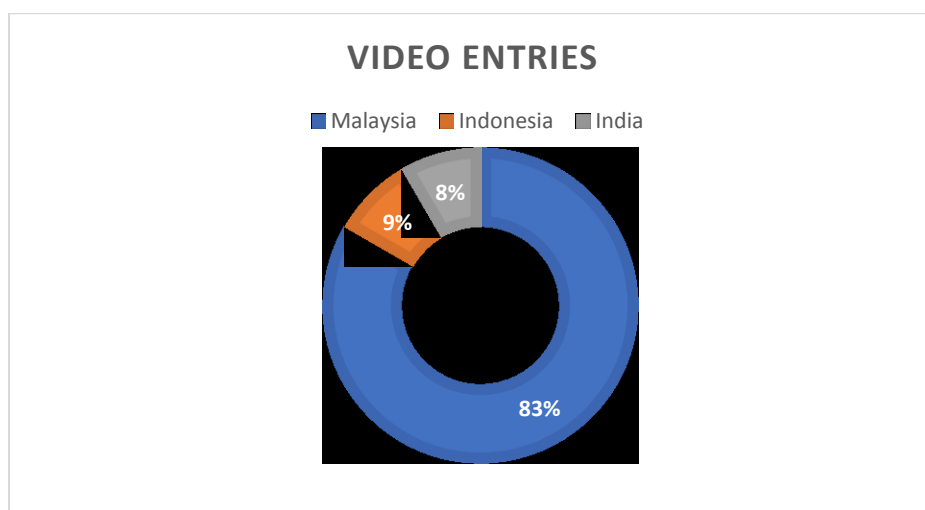
#### Participants



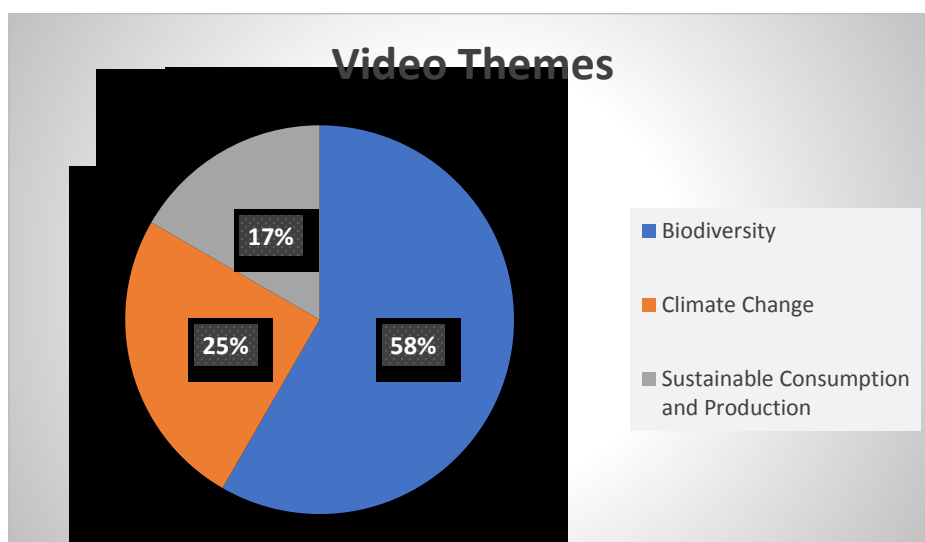
## 4.2 Video Competition on Empowering Asia Pacific Students' Leadership in ESD through Networking

### Video Entries

Country	Video Entries
Malaysia	10
Indonesia	1
India	1
Total	12



### Video Themes



## Results

BIODIVERSITY			
Rank	School Name	State	Video Link
1	SMK Tanjung Gemok	Pahang	<a href="https://youtu.be/X5p4Tlb0XnQ">https://youtu.be/X5p4Tlb0XnQ</a>
1	SK Convent Green Lane (Primary School)	Penang	<a href="https://youtu.be/GwJTGm6sf7k">https://youtu.be/GwJTGm6sf7k</a>
2	SMK Dewan Beta	Kelantan	<a href="https://youtu.be/ukjxsZCS27c">https://youtu.be/ukjxsZCS27c</a>
3	SMK Doktor Burhanuddin	Perak	<a href="https://youtu.be/FHa3EgoJS_8">https://youtu.be/FHa3EgoJS_8</a>

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

CLIMATE CHANGE			
Rank	School Name	State	Video Link
1	SMI Itqan	Penang	<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>
2	SMK Convent (M) Kajang	Selangor	<a href="https://youtu.be/kiXLeC6oQgY">https://youtu.be/kiXLeC6oQgY</a>
3	St Michael	Goa	<a href="https://youtu.be/R4Yl0rvbrZA">https://youtu.be/R4Yl0rvbrZA</a>



## 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 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