

R.A. Podar College of Commerce & Economics (Autonomous)
Department of Environmental Studies

Report of World Map 3D Model Making Competition and Exhibition
2018-19

Map work has always been an integral part of the syllabus of Environmental Studies. It provides the learners with an opportunity to practically learn how different locations are identified and marked on the outline maps of the world, Mumbai and Konkan region. In order to take this knowledge further, the department of Environmental Studies, under the guidance of Principal Dr. Mrs. Shobana Vasudevan ma'am, conducted a **3D Model making activity** (Competition and Exhibition) based on different environmentally significant locations in the world for the FYBCom learners.

Date of the Activity:

5th October, 2018

Venue: The 3D models were exhibited in the College Main Hall.

Objectives of the activity:

- To enable the learners to understand maps and environmentally significant locations around the world.
- To enhance their knowledge of geographically significant areas through hands-on model making.
- To encourage participative learning by making groups of learners for the activity that requires coordination.
- To make them understand the concepts such as sustainability, recycling of resources.

Topics for the activity:

Environmentally significant locations around the world were chosen to be made into 3D models. 2 groups of 60 learners each were made per division. Hence total 14 topics were distributed among the 14 groups covering all 7 divisions of FYBCom. The list of the topics is as follows:

Division	Group no.	Topic for Model
FYBCom A	A1	Coal fields
	A2	Forest types
FYBCom B	B1	Wildlife
	B2	Mountains
FYBCom C	C1	Volcanoes
	C2	Oil fields

FYBCom D	D1	Deserts
	D2	Million cities
FYBCom E	E1	Rivers/ Polluted rivers
	E2	Population
FYBCom F	F1	Most polluted cities
	F2	Acid rain
FYBCom G	G1	Cyclones
	G2	Earthquakes

Methodology for Model Making:

The learners were given the topics a month prior to the day of activity. They were encouraged to ask questions and clarify queries regarding the activity. A leader was appointed in each group to disseminate important instructions for the activity in order to imbibe the importance of **sustainability and resource management** in their minds.

Instructions:

- The size of the model should be 2*3 feet.
- The model should not contain any non-biodegradable material plastic, thermocol, POP, etc.
- The model should have maximum use of degradable material such as paper, cardboard, etc.
- Use of clay is allowed.
- The entire model should be completely biodegradable.

Criterion for the competition:

The models were judged on the basis of the following criteria:

- 3D visibility
- Theme visibility
- Theme explanation
- Use of biodegradable materials
- Students' participation
- Overall impression

The Principal Dr. Mrs. Shobana Vasudevan and our teaching faculty member from accountancy department Dr. Pradeep Kamthekar were the judges for the competition.

As per the judges' evaluation, groups F1 (Most polluted rivers), G1 (Cyclones) and F2 (Acid rains) secured 1st, 2nd and 3rd rank respectively. Their efforts were acknowledged at the Annual Prize Distribution of the year 2018-19.

Glimpses from the activity:



Principal Dr. Mrs. Shobana Vasudevan interacting with one of the participants



One of the 3D model exhibited from the competition
