

Water Management Cell

Water is the fundamental requirement of life. It touches all life activities such as agriculture, domestic and all socio-economic activities. MBCET recognises the need for preservation and utilization of water in its purest form, it being the very source of life. Water management cell is constituted at MBCET in 2020. This cell envisages the conservation, distribution and maintenance of the quality of water, driving for zero wastage. The majority members of cell is from the Environmental and Water Resource Engineering Research group, department of Civil Engineering. The faculty from other branch is also the part of the cell. Various programs and activities conducted under this cell. The summary of various programs are listed below.

The list of activities/events organized

Sl No.	Activity	Date
2020-2021		
1.	Detailed study of water resources in and near to MBCET campus	-
2.	Poster competition was conducted for students of MBCET on the theme of “ Water Conservation and Management ”	20 March 2021
3.	Webinar on “ Water Resources of Kerala – Development, Issues and Strategies ”	22 March 2021

Activities conducted during 2020-2021

1. Detailed study of water resources in and near to MBCET campus

There are three rainwater harvesting systems in Mar Baselios College of Engineering and Technology (MBCET) campus. There is a rainwater harvesting reservoir inside the MBCET campus and a Natural pond near to MBCET campus. There is a roof top rainwater harvesting system which caters to the needs of drinking water at Mary Matha Hostel of MBCET. There is a tank in the ground which collects the rain water at roof and filters the water.



Fig. 1 Available water sources designated as A, B, C, D & E in the campus



Fig. 2 Elliptical shape reservoir of rainwater harvesting system



Fig. 3 Pond near Jayamatha Institute



Fig. 4 Tank for collecting the rainwater from roof



Fig. 5 Filtering techniques used in the tank for collecting the rainwater from roof

2. Poster Presentation

In connection with ‘World Water Day’ on **March 22**, a poster competition was conducted for students of MBCET on the theme of “**Water Conservation and Management**”. The competition was held at MBCET campus on March 20, 2021. **Ms. Neha Sabu (S5, ECE)** and **Ms. Namitha Jose (S1, EEE)** secured the First and Second prizes respectively. The event was coordinated by Ms. Vinny Pious, Assistant Professor, (Dept. of CS), Ms. Shilpa George, Assistant Professor, (Dept. of EEE), and Mr. Jithin M. George, Assistant Professor (Dept. of ECE).

<p>About Water Management Cell</p> <p>WATER MANAGEMENT CELL of MBCET is constituted for the efficient conservation, management and distribution of water in the campus. The cell also strives to create awareness about the best water management practices.</p>  <p>Reservoir of rainwater harvesting system</p>  <p>Pond near Jayamatha Institute</p>	<p>MAR BASELIOS COLLEGE OF ENGINEERING AND TECHNOLOGY AUTONOMOUS</p> <p>Water Management Cell presents</p> <p>POSTER COMPETITION</p> <p>THEME “WATER CONSERVATION and MANAGEMENT”</p> <p>WORLD WATER DAY ON MARCH 22</p>	<p>Poster Competition Details</p> <ul style="list-style-type: none"> Register here: https://tinyurl.com/yzo2wzwwk All students of MBCET can participate. The last date for registration is 16-03-2021. Guidelines will be mailed to the registered participants. No registration fee. Competition will be held at MBCET campus on 20-3-2021. Winning posters will be published in the campus on World Water Day. Winners will be rewarded. Certificates will be provided to all the participants. <p>For More Details</p> <p>Ms. Vinny Pious - 9048019355 vinny.pious@mbcet.ac.in</p> <p>Ms. Shilpa George - 8542577099 shilpa.george@mbcet.ac.in</p> <p>EVERY DROP COUNTS</p> 
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Fig. 6 Winner of Poster Presentation

3. Webinar on “Water Resources of Kerala – Development, Issues and Strategies”

On ‘World Water Day’, the Water Management Cell, in association with Environmental and Water Resources Engineering Research group, Department of Civil Engineering conducted a webinar on “Water Resources of Kerala – Development, Issues and Strategies” on 22nd march 2021 at 2.30 pm. The session was handled by **Dr. Dineshan V. P**, Retd. Senior Principal Scientist, CWRDM, Kunnamangalam. The event was coordinated by Dr. Elizabeth C. Kuruvilla, Professor, (Dept. of CE), Mr. Akhilchandran B. S., Assistant Professor, (Dept. of ME) and Dr. Jisha S. V. Assistant Professor, (Dept. of CE).


MAR BASELIOS
 COLLEGE OF ENGINEERING AND TECHNOLOGY
 AUTONOMOUS
WATER MANAGEMENT CELL
 IN ASSOCIATION WITH
 ENVIRONMENTAL AND WATER RESOURCES ENGINEERING DIVISION,
 DEPARTMENT OF CIVIL ENGINEERING

WEBINAR ON
**"WATER RESOURCES OF KERALA - DEVELOPMENT
 ISSUES AND STRATEGIES "**

 **MEET ONLINE INTERACTION**

MONDAY 22 ND MARCH 2021, WORLD WATER DAY
 TIME : 2.30 to 3.30 PM
GOOGLE MEET LINK: /pbf-hkig-msw

For further details, contact: Dr. Jisha S V, Dept. of CE, 9847070349


Dr. DINESHAN V P
 Retd. Senior Principal
 Scientist, CWRDM
 Kunnamangalam.

Fig. 7 Flyer of webinar

Prepared by

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