



CHENNAI CHAPTER



Regional Meteorological Centre
Chennai

*Meteorological Science Festival
For School & College Students
On the Theme:
Understanding Clouds*

Venue:

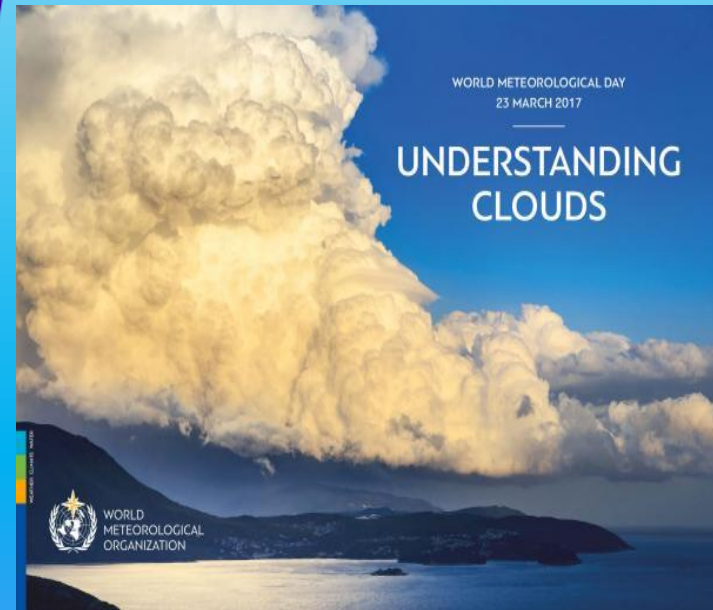
**Regional Meteorological Centre
6, College Road, Chennai -6.**

Date:

Aug 2017



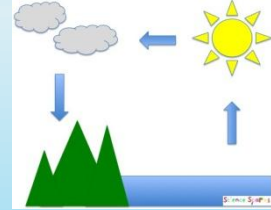
METFEST MUGIL



Under the joint auspices of
Indian Meteorological Society, Chennai Chapter
&
Regional Meteorological Centre, Chennai



Background



World Meteorological Organisation (WMO) is a specialized agency of the United Nations (UN) with 191 Member States and Territories. It is the UN system's authoritative voice on the state and behaviour of the Earth's atmosphere, its interaction with the land and oceans, the weather and climate it produces and the resulting distribution of water resources.

Every year WMO observes 23rd March as the World Meteorological Day. WMO Members around the world organize local and country-wide celebrations of World Meteorological Day with specific themes. This year, the theme is “Understanding Clouds”.

The theme *Understanding Clouds* has been chosen to highlight the enormous importance of clouds for weather, climate and water.

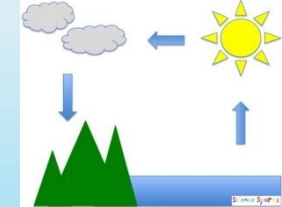
Clouds are central to weather observations and forecasts. Clouds are one of the key uncertainties in the study of climate change: we need to better understand how clouds affect the climate and how a changing climate will affect clouds. Clouds play a critical role in the water cycle and shaping the global distribution of water resources.

In an effort to highlight the importance of clouds to the student community, The Indian Meteorological Society, Chennai Chapter, alongwith the Regional Meteorological Centre, Chennai is jointly organising a Meteorological Science Festival, METFEST-MUGIL for school and college students.

The festival would comprise of competitions on chosen topics on clouds and water cycle for various categories of student community.



Call for Nominations



Established schools and colleges may nominate suitable candidates to the events detailed as under:

SN	Event	Applicable for students	Topic	Timeline
1.	Painting competition	6-8 th std [2 entries per school]	Sub: Types of clouds and related weather impacts	2 nd week of Aug 2017
2.	Quiz	9-10 th std [1-team of 2 students to be nominated by participating schools]	Sub: Types of clouds and related weather impacts	Prelim rounds in 1 st -2 nd weeks of Aug 2017; Final – 4 th week of Aug 2017
3.	Presentation of Models / Exhibits	XI-XII std [1-team of 2 students to be nominated by participating schools]	(i) Depict physical processes involved in cloud formation (any type of cloud) OR (ii) Role of clouds in water cycle	4 th week of Aug 2017
4.	Oral presentation (in Tamil/Hindi/Eng)	UG students (Arts stream) (1 entry per college)	(i) Description of clouds in literature (Tamil, English, Sanskrit & Hindi) OR (ii) Socio-economic benefits and hazards due to clouds	3 rd -4 th weeks of Aug 2017

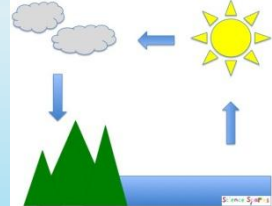
Events ...



SN	Event	Applicable for students	Topic	Timeline
5.	Oral presentation (in Tamil/Hindi/Eng)	UG students (Science streams) (1 entry per college)	(i) Cloud formation in tropical region OR (ii) Cloud monitoring and precipitation measurements through Remote sensing	3 rd -4 th weeks of Aug 2017
6.	Weather Photography	UG students (Arts & science streams) / Visual communication) [1entry per institution)	Clouds & Lightning	4 th week of Aug 2017
7.	Oral presentation (in Tamil/Hindi/Eng)	PG – Basic Science / UG-Engineering (1 entry per institution)	(i)Role of clouds in earth's radiation budget OR (ii) Cloud seeding experiments in India	3 rd -4 th weeks of Aug 2017
8.	Presentation of Working models / Schematic animations	PG – Basic Science / UG-Engineering [1-team of 2 students per institution)	(i) Lightning in thunderstorm cloud OR (ii) Cyclone cloud structure OR (iii) Doppler Radar tool for cloud analysis	4 th week of Aug 2017
9.	Thematic Videographic /Short film presentation	PG (Arts / Science)/ UG –Engg / Visual communication etc.) [1-team of 2 students per institution)	Extreme weather impacts of clouds (including floods & droughts)	4 th week of Aug 2017



General Guidelines and Norms



- (i) All events are open to students only. Participants should compulsorily bring Bonafide Certificate from their respective institutions and ID card (Photo proof)
- (ii) Participation is only through nomination by institutions (in prescribed format) where the participant is enrolled as a student.
- (iii) All events would be conducted at RMC Chennai premises. Outstation participants should make their OWN arrangements for travel and accommodation at Chennai.
- (iv) All exhibits and presentations should be ORIGINAL and should be depicted from Indian context. Exhibits should be accompanied by a small write-up (within 200 words) on the scientific concept and design & working principle of the model.
- (v) Depending on the number of entries received for each event, the schedule of preliminary rounds (wherever applicable) and finals for each event would be planned and intimated to the concerned participants / participating institution.
- (vi) Decision of the judges would be final.
- (vii) Canvassing in any form and appealing against the decision of the judges will amount to disqualification of the participant.

Event-specific guidelines and norms

- Would be intimated separately to participants.

Important Dates

Last Date for receipt of Nominations: **25th July 2017.**

Events would be conducted during **Aug 2017.**

Results would be announced in **Last week of Aug 2017.**

Prize distribution in **Last week of Aug 2017.**

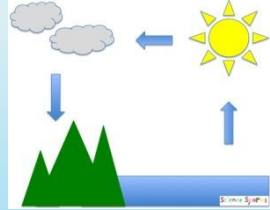
Contact us at:

imsmugil@gmail.com

Alternate email ID:

ims.chennai6@gmail.com

Format of Nomination



METFEST-MUGIL

*NOMINATION FOR PARTICIPATION

1. Name & Full Address of the Institution:
2. Name of the participant(s) (in Full):
3. Class / Course in which studying:
4. Event for which nominated:
5. Contact details :
 - (i) Institution – Contact person Name & designation,
email ID, Phone No.
 - (i) Participant(s) - Name, email ID, Phone No.
6. Name, Designation & Signature of Authorised signatory (with Seal & Date)

Please Note!!!

Participants should bring
(i) Bonafide Certificate
issued by the Authorised
Signatory of the
Institution (duly signed
with seal & date) &
(ii) ID card (photo proof)
without fail on the day of
the event.

*** Nomination form should be sent by email to**
imsmugil@gmail.com latest by 25th July 2017



Avail the opportunity to
Explore the Exciting Nature!!

