



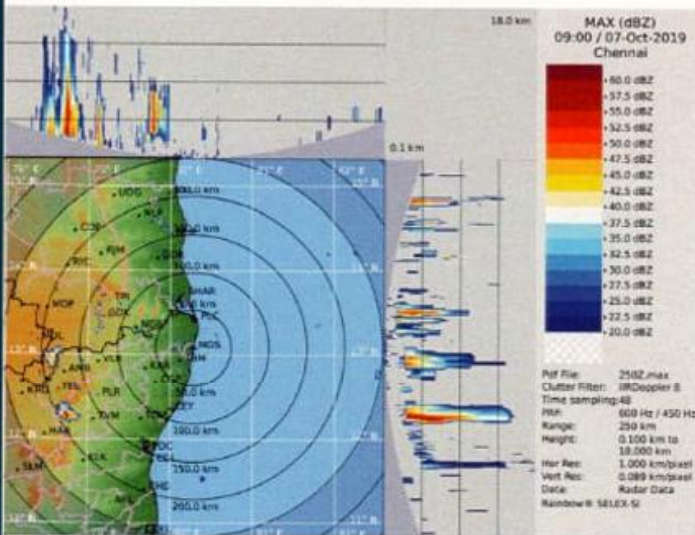
LOYOLA RACINE RESEARCH INSTITUTE OF MATHEMATICS AND
COMPUTING SCIENCE (LIMCOS)
LOYOLA COLLEGE,
CHENNAI - 600034

WEATHER FORECASTING, CLIMATE
SURVEILLANCE ARE THE NEED OF THE HOUR

ONE DAY SEMINAR ON DATA FROM THE SKY

16-NOVEMBER 2019
08.30 AM TO 4.30 PM

VENUE: MCA SMART ROOM
CLIMATE MONITORING USING
NUMERICAL MODELS
AI BASED MODELS
INPUT ON INSTRUMENTS
SATELLITE NAVIGATIONAL SYSTEM



PROGRAMME TAKEAWAY

- 🔑 A great opportunity to learn from Experts in the field
- 🔑 A Certificate to embellish your CV
- 🔑 Learn to use advanced Programming in Lab Sessions
- 🔑 Hands an experience with instrumental readings

PROGRAMME SCHEDULE (16th November -2019)

Time	Activity	Speaker
Forenoon	08.30 -09.30	Registration & Inauguration
	09.30 -11.00	Weather man Pradeep John Numerical Models
	11.00-11.15	Tea Break
	11.15-01.00	Dr. A .Stanely Raj AI based models
	01.00-02.00	Lunch Break
Afternoon	02.00 -03.00	Dr. N. Puviarasan, Climate Monitoring using ground based GNSS
	03.00 -03.15	Tea Break
	03.15 -04.15	Prof. J. Maria Roy Felix Insight into loyola weather model
04.15 -04.45	Valedictory Function	



EXPERTS FROM THE FEILD



Dr.N. Puviarasan

Scientist- E, IMD, Chennai
Ministry of Earth Sciences

Speaks on:

Climate Monitoring using Ground Based Global Navigational Satellite System



Weather man Mr.Pradeep John

Weather Blogger

Speaks on:

Numerical models in climate change



Dr. A. Stanley Raj

Assistant Professor,
Department of Physics,
Loyola College, Chennai

Speaks on:

Artificial Intelligent techniques for weather forecasting



Prof. J. Maria Roy Felix

Assistant Professor,
Department of Mathematics,
Loyola college, Chennai

Speaks on:

Insight into Loyola Weather Model, Loyola Astro Club

WHO CAN ATTEND THIS SEMINAR?

- UG/PG Students, Research Scholars & Faculty members
- Anyone who is interested in learning the Data from the Sky

NEED AND RELEVANCE OF THIS SEMINAR

- The government is hiring private operators like the Weather Company (WC) to cater to three main sectors – agriculture, logistics and transport.
- The need for more accurate prediction has unleashed a wider domain for the global weather forecasting and services market to grow from \$1.2 billion in 2016 to \$ 2.7 billion by 2023, according to the Allied Market Research.
- Advancement in forecasting models has reduced the number of deaths due to heat waves from over 1,500 in 2015 to under 100 this year.
- Before issuing any forecast IMD looks at 12 numerical weather prediction models – Seven from India and five from nearby countries.

ONLINE REGISTRATION LINK:

<http://erp.loyolacollege.edu/loyolaonline/conference/loginManager/youLogin.jsp>



REGISTRATION FEES:

Students registration fee is Rs. 600/-

For others registration fee is Rs. 800/- till 05.00 pm 14 November, 2019

There is no spot Registration. Due to Lab sessions limited seats only.

Seats will be filled up on First -Come - First Served basis



VENUE & CONTACT

Venue: MCA SMART ROOM,
Computer Block,

Loyola College, Chennai-600 034.

Co-ordinator/Contact Person:

Prof. J. Maria Roy Felix

Mobile No: 9884650147

E-mail: limcos@loyolacollege.edu

