



**Short Virtual Lecture Series on Different Modules of  
Weather & Climate Science & Services**

**Organized by**



**Meteorological Training Institute,  
O/O Climate Research & Services,  
India Meteorological Department**

**And**







**Ministry of Earth Sciences, Govt of India**

**During 11 July-12 August 2022**

**Detail program**

Month	Date	Duration	Event		You tube link	
July 2022	11	1000-1100 Hrs IST	Inaugural Program		<a href="https://youtu.be/BrxoTdHqsUo">https://youtu.be/BrxoTdHqsUo</a>	
Month	Date	Duration	Lecture topic	Speaker	Photo	You tube link of the lecture
July 2022	11	1130-1215	Basics of weather elements and their measurements	Dr.S.Patra		<a href="https://youtu.be/QeyUTCb8crE">https://youtu.be/QeyUTCb8crE</a>
		1230-1315	Basics of the structure of the atmosphere	Dr(Ms).Divya Surendran		<a href="https://youtu.be/2FF9kda6ySo">https://youtu.be/2FF9kda6ySo</a>



	1530-1615	Basics of Global observing systems	Shri.U.K.Shende		<a href="https://youtu.be/INbzbMgNnq4">https://youtu.be/INbzbMgNnq4</a>
	1630-1715	Importance of Weather & weather services	Dr. Sathi Devi		<a href="https://youtu.be/latGR1Ayoj8">https://youtu.be/latGR1Ayoj8</a>
15	1530-1615	Basics of the Science of weather forecasting	Dr. Somenath Dutta		<a href="https://youtu.be/tKpzwyoVcfs">https://youtu.be/tKpzwyoVcfs</a>
	1630-1715	Basics of NWP	Dr. Abhijit Sarkar, NCMRWF		<a href="https://youtu.be/E-UifOQFEaE">https://youtu.be/E-UifOQFEaE</a>
22	1530-1615	Basics of the science of cyclone	Ms. Monica Sharma		<a href="https://youtu.be/THWc8yNOmYI">https://youtu.be/THWc8yNOmYI</a>
	1630-1715	Use of Satellite technology in weather service	Dr. Asim Mitra		<a href="https://youtu.be/Lsgb18OUOYM">https://youtu.be/Lsgb18OUOYM</a>



	29	1530-1615	Importance of weather service in air traffic sector	Mr.Suresh Ram		<a href="https://youtu.be/w_gk5OC-EJA">https://youtu.be/w_gk5OC-EJA</a>
		1630-1715	Use of Radar technology in weather service	Dr. BAM Kannan		<a href="https://youtu.be/3_qCgORJcrE">https://youtu.be/3_qCgORJcrE</a>
August 2022	01	1530-1615	Basics of Climate Science	Dr.Ramesh Vellore, IITM		<a href="https://youtu.be/VIQlIHaPIOI">https://youtu.be/VIQlIHaPIOI</a>
		1630-1715	Basics of the science of climate change	Dr(Smt). Swapna Panickal, IITM		<a href="https://youtu.be/HYf8MjtoWaQ">https://youtu.be/HYf8MjtoWaQ</a>
	08	1530-1615	Basics of climate service, why & what?	Dr. O.P.Sreejith		<a href="https://youtu.be/IT77EWXDPIQ">https://youtu.be/IT77EWXDPIQ</a>
		1630-1715	Weather & Climate service for the Agriculture sector	Dr. Kripan Ghosh		<a href="https://youtu.be/HE7p0KOHdAQ">https://youtu.be/HE7p0KOHdAQ</a>



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August	12	1530-1630	<b>Feedback session, Panel discussion, Recommendation and Valedictory</b>	<a href="https://youtu.be/ZNs9FFzRWkY">https://youtu.be/ZNs9FFzRWkY</a>