

REPORT OF THE SPECIAL LECTURE ON “ADVANCED WEATHER PREDICTION TECHNIQUES”

A special lecture on “**Advanced Weather Prediction Techniques**” was organized by the Department of Mathematics, Sarojini Naidu college for Women on 26th August 2022. Chief patron for this Special Lecture was **Dr. Anjan Sinha, President of the Governing Body, Sarojini Naidu College for Women, Dr. Urmila Ukil, Principal of Sarojini Naidu College for Women and Dr. Sudeshna Chatterjee, IQAC Coordinator of Sarojini Naidu College for Women.** The main speaker of this programme was **Dr. Munmun Das Gupta, Retired Scientist-G/Advisor, National Centre for Medium Range Weather Forecasting, Ministry of Earth Sciences, Govt, of India.**

Atmospheric science is an interdisciplinary science, those studies and analyses the processes in the Earth’s atmosphere that influence weather conditions and its future state. The accuracy of weather forecasting has improved significantly in recent times due to advent of various technologies. Numerical weather prediction (NWP) is one such technology that uses numerical models of fluid flow comprising nonlinear dynamics and physical parameterization schemes coupled with state of art computational algorithms. Real-time utilization of the NWP technique for weather predictions, associated data assimilation methods with special emphasis on satellite data, the skill of weather prediction, etc. was discussed with slide presentation. The lecture was very much enjoyable to all of the audiences. More than **70 teaching staff** and about **65 students** of various departments of our college were present in the seminar hall as participants of the Special Lecture. In the inaugural address by the principal **Dr. Urmila Ukil** was very much thankful to the **Department of Mathematics** for organizing Special Lecture on such a interesting subject.



A Special Lecture on **Advanced Weather Prediction Techniques**

26th August 2022
at 1:30pm Onwards

Chief Patrons



Dr. Anjan Sinha



Dr. Urmila Ukil

Speaker



Dr. Munmun Das Gupta

Speaker

Dr. Munmun Das Gupta

Retired Scientist-G/Advisor
National Centre for Medium Range
Weather Forecasting
Ministry Of Earth Sciences, Govt. of India

Chief Patrons

Dr. Anjan Sinha, President, GB
Dr. Urmila Ukil, Principal

Patron

Dr. Sudeshna Chatterjee, Coordinator,
IQAC

Organized by

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Convenor

Dr. Nandini Chakravorty, HOD

Organizing Committee

Dr. Rupa Bandyopadhyay, Asso. Professor
Dr. Reba Maji, Asst. Professor
Dr. Krishnapada Das, Asst. Professor
Prantik Hansda, Asst. Professor
Anindita Ghosh, SACT



