

## **Brief Report on Workshop on Mathematics through Origami & National Mathematics Day (NMD),2021**

A 2 Day Workshop on Mathematics thro' Origami was organised jointly by the State Council of Science, Technology and Environment, Meghalaya and Mathematics Department, Shillong College, Shillong supported by NCSTC, DST, Government of India on the 16<sup>th</sup> & 17<sup>th</sup> November, 2021 at Shillong College conference hall. The Main resource person in this particular workshop is Shri V.S.S.Sastry, Mathematics Communicator from Vigyan Prasar, New Delhi where the Maths ambassadors of the SCSTE and the Mathematics honours students of Shillong College were the participants of the workshop. Shri V.S.S.Sastry inaugurated the 2 Day workshop in presence of Dr. (Mrs.) E. Kharkongor, principal of Shillong College and the officials of the council together with the faculty of mathematics department, Shillong College. In this workshop, maximum time has been dedicated to new way of learning basic school mathematical concepts through Origami (the art of paper folding) and many origami models has been developed by the participants during the 2 day workshop. Shri James K. Sangma, Minister of Health& Family Welfare, Government of Meghalaya graced the valedictory function as the Chief Guest. The Principal of Shillong College delivered the welcome address in the valedictory function of the 2 Day workshop. The chief guest in his valedictory address said that only 12% of the students in the state of Meghalaya opted for science stream in the higher secondary level after the SSLC Examination because most of the students has no clear basic concepts in mathematics and this has led to the mathematics phobia in many of them. The Chief Guest hoped that this kind of workshop not only it brings new way of understanding mathematics but it will change the way the students look at mathematics especially at the school level through this art of paper folding (Origami). Shri A.S. Suting, OSD, SCSTE motivated the participants with his motivational speech and the 2 Day workshop ended up with a feedback note from participants and the Chief Guest distributed the certificates to all the participants.



**Shri V.S.S.Sastry sharing his expertise in developing Origami models to the Maths ambassadors.**



**L to R: Shri James K. Sangma, chief guest of the valedictory function of the 2 Day workshop on Mathematics thro' Origami receiving a memento from Dr. (Mrs.) E.Kharkongor, Principal, Shillong College; Welcome address by Principal of Shillong College and Special song by the shillong college students.**



**L to R: Shri A.S.Suting delivering a motivational speech to the participants, Feedback by the participant and Shri James K. Sangma in his Valedictory address.**



**Chief Guest interacts with the Maths ambassadors of SCSTE after the valedictory function.**



**Group photograph of all the participants with the chief guest and the organisers.**

The culmination of the series of One-Day workshops was organized jointly by the SCSTE and Mathematics Department, Shillong College, Shillong on the 22<sup>nd</sup> December, 2021 at Shillong College conference hall from 10 A.M onwards to mark the celebration of the National Mathematics Day, 2021. The first mode of celebration was the Exhibition cum competition of origami and mathematical models/Concepts/ideas which was participated by the Maths ambassadors of the SCSTE and the students of shillong college followed by the Open Mathematics Quiz conducted by Shri B.N.Nongbri, Assistant Professor in Mathematics, Shillong College and finally a lecture on Life and Works of Srinivasa Iyengar Ramanujan was delivered to all the participants by Shri D.Shadap, HOD Mathematics Department, Shillong College. Dr.

Joram Beda, IAS, Secretary SCSTE, Meghalaya graced the valedictory function and gave away the prizes and certificates to all the winners of the competition.



**L to R: Briefing of the NMD,2021 celebration by Shri S. Kharchandy , Students put their minds and their thoughts on the mathematics thro' origami models and Judges evaluate the performance of the participants in the competition.**



**L to R: Judges interacted with the competitors, Shri D. Shadap delivering his lecture on Life and Works of Ramanujan and Shri B.N.Nongbri conducting the Open Mathematics Quiz.**



**L to R: Students interacted with the Resource Persons, Shri W. Khongsti sharing the views on the celebration and Prize distribution of the Open Mathematics Quiz.**



**L to R: Dr. Joram Beda handed the cash award and the certificates to the winner of the competition and an interaction with the competitors after the valedictory function.**



**Group photographs of the chief guest with all the participants and the organizers.**

*Mathematics is the mirror of the civilization- Hogben*