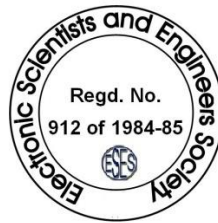


ELECTRONIC SCIENTISTS & ENGINEERS SOCIETY (ESES)



Report and activities of the Electronic Scientists and Engineers Society (ESES)

– 2024

The NEW Year 2024

The members of ESES who welcome the Day of the New Year have some expectations and plans. They (a) long for a pleasant environment on this Day, (b) Look for fruitful outcomes of the tasks initiated last year by them, and (c) see that a well-defined future program for the year could be framed.

The 2024 begins for ESES with pleasant surprises

Beautiful Flower Bouquet welcoming 2024

The most pleasant surprise was a beautiful flower bouquet with all indigenous ingredients from fresh flowers, leaves, and dry bud stems from the garden of Mr Abhay Mali a young member of ESES. The bouquet was framed and decorated by his ideas and available resources. The ESES office welcomes the freshness and sweet odor of the flowers, bringing freshness to the (view graph 1) environment.



View graph 1: The very first gift to the ESES family on the New year is the self made flower bookey by Mr. Abhay Mali (1st from the left) , leaves/flowers picked up from his own garden, now the bookey is decorated in the ESES secretariat

Following the Pledge of the 2023 on Green Revolution

Following the pledge of 2023 to work for the **Green Revolution**, the young members Dr. S Patgiri, Mr Rakesh, and Mr Abhay started planting a few seedlings. This is a good start to the Year, everyone appreciated the action (view graph 2).



View graph 2 :In the Green Revolution : The idealistic motto of ESES . To keep this principle the ESES members are planting trees at the ESES secretariat compound . In the process of plantations are here Dr. Samiran and Mr. Rakesh.

Looking Back

The beautiful permanent trees and the Mahogany tree planted last year under this programme now looks well grown (View graph 3)

The ESES members are happy to see that their efforts to maintain greenery have been fruitful as :

The mahogany sapling of the last year has now grown into a beautiful tree with openings of small branches decorating the ESES complex.

The medicine seedling and Basil planted on World Environment Day as a pollution eradicated theme is now sprawling with leaves and themes bringing pure and fresh air.



(a)



(b)



(c)

Viewgraph 3: (a) The mahogany sapling of the last year has now grown into a beautiful tree with openings of small branches decorating the ESES complex.(b,c) The Basil and medicine seedlings planted on World Environment Day are now sprawling with leaves and themes bringing pure and fresh air.

Welcome Guest:

The ESES received a special Guest on this day to share a pleasant moment with the members,

A few view graphs are here :



View graph 3 4: Guest Mr. Boro with ESES members on this New Year Day gathering at the ESES office Secretariat (from left Mr. Boro. Mr S .Deka, Mr Rakesh , Prof. M.Devi and Dr. Samiran . Right panel : Mr. Abhay, Mr. Boro. Mr. Deka, Prof. Devi and Dr.Patgiri

Future Plan Program for the Year 2024

After initial formalities of distribution of sweets and sharing a get-together meal, The members welcome the NEW year with the opening of the 1st session by taking plan program for the year 2024 (view graph 5). The Ist agenda is the holding of an **International convention in 2024**. The discussion involved the formation of LOC. NOC, IOC and venue. The future programmes also include the conduction of training in Colleges, and schools besides other benevolent works as an when necessary



View graph 5 : On the Panels : From left : Mr. T Borkotoky, Mr. G Chakrabarty , Dr. S Patgiri, Mr P.C.Kalita , Dr. M Devi. Ms H Kalita, Dr. D Chakrabarty, and Dr. S . Das . Opening of the 1st session of 2024nby taking plan program for the year 2024

Finally, Dr A J Dev Sarna also made himself available to share the happy moment and to take the burden of convener of the proposed international meet with Dr S, Das and Dr S Patgiri as the co-conveners.

The Fruitful Day brings great pleasure to all. Let it be a continuation for the YEAR. With that wish the members pledge to work to achieve & maintain the achievements.

So GOOD WISHES to ALL

2024 we Welcome you with Best wishes!

Launching of Journal IJEAR Vol 10 issue 2

The ESES Website is updated to dynamic status. Thus there was a little delay in uploading the Vol 10 issue 2(December 2023). There were four papers on applied research and addressed to environmental aspects, the burning problems of today.

International Journal of Electronics and Applied Research (IJEAR)
Volume 10 , Issue 2

Contents of this issue

1. **Light Emissions from the Firefly at Low Temperatures**
Anurup Gohain Barua and AmlanJyoti Borah
2. **Comprehensive Analysis of Performance Determining Factors of Window-Integrated Photovoltaic Systems**
Sankar Barman
3. **Atmospheric System Dynamics and Special Weather Environment over a Sub-Himalayan Tropical Zone**
M Devi, and A K Barabara , K I Oyama and N.Lagrossa
4. **Tendency of Rainfall by Probabilistic Approach: Application in Indian Scenario**
Dhritikesh Chakrabarty