ONE DAY WEBINAR

Title : **Colouring On Graphs**

Category : **Webinar**

Date : **11th March 2021(1 Days)**

No. of Participants: 550

Organizers : **Department of Mathematics**

Resource Person : **Dr. N. Meenal**
Assistant Professor,
Department of Mathematics,
JJ college of Arts and Science,
Pudukkottai.

Mode : **Online (Zoom)**

Objective : **This Webinar mainly focused on the participants to learn Colouring On Graphs**

Report :

The Dept of Mathematics organized a one Day online Webinar on Colouring On Graphs on 11th March 2021 at 10.00 am.

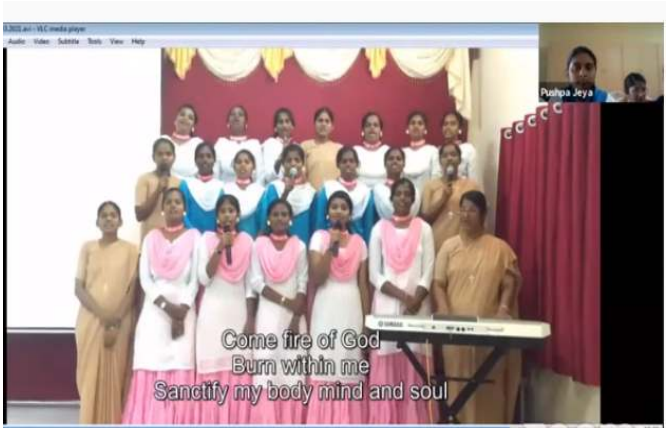
Program started with an Inagural Function with a prayer song, followed by welcome address by Asst. Prof. K. Sumithra, Dept of Mathematics. In her welcome speech she highlighted the importance and objectives of organizing this Webinar. Rev. Sr. Dr. P. Selvarani , the Principal gave a Presidential address in which she thank the Resource Person for accepting the invitation and introduced our eminent Resource Person Dr. N. Meenal and hand over the session to her.

Dr. N. Meenal delivered a lecture on the Topic Colouring on Graphs by giving real life examples. The Sessions was more informative and innovative

At the end, the session was concluded with a vote of thanks given by Asst. Prof. D. Pandi Devi, Dept of Mathematics..

Webinar – E – Brochure:

Screenshots of Online Webinar Events:



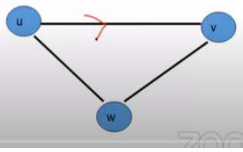
Graph Type

Simple (Undirected) Graph: consists of V, a nonempty set of vertices, and E, a set of unordered pairs of distinct elements of V called edges (undirected)

Example: G(V, E)

V = {u, v, w},

E = {(u, v), (v, w), (u, w)}



Coloring Problem

Given a graph, colour all the vertices so that two adjacent vertices get different colours.

Objective: use minimum number of colours.