



Nehru Memorial College

(Autonomous)

Re-accredited with "A+" Grade by NAAC
(Affiliated to Bharathidasan University and recognized
by UGC under section 2(f) & 12B of the UGC Act 1956)
Puthanampatti, Tiruchirappalli - 621 007



PG AND RESEARCH DEPARTMENT OF MATHEMATICS

The Management, Principal, Staff and Students of
" PG and Research Department of Mathematics "
Cordially Invites You to attend a Webinar on

STATE LEVEL WEBINAR ON HIGHER EDUCATION AND CAREER IN MATHEMATICS

RESOURCE PERSON

Dr. M.SUVINTHRA
Assistant Professor
Department of Applied Mathematics
Bharathiar University
Coimbatore - 641048

Date : 09.05.2022

Timing : 02:00 P.M. – 3:30 P.M.

By Google Meet Platform

Click this link:

<https://meet.google.com/uty-ponr-owu>

CONVENOR
Mrs.C. HEMALATHA

HEAD OF THE DEPARTMENT
Mrs.P. BACKIALAKSHMI

For Contact mail : hemalatha@nmc.ac.in
Cell : 9786789554 , 8903119727

Registration Link : <https://forms.gle/vy3KOvER7uQ8oNKe7>

Certificates For Every Registered Participants

**Nehru Memorial College(Autonomous),Puthanampatti
Tiruchirapalli-621007**

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PG AND RESEARCH DEPARTMENT OF MATHEMATICS(SF)

A Report on State level Webinar on 09.05.2022

The PG and Research Department of Mathematics Organized state level Webinar on “**Higher Education and Career in Mathematics** “. Department of Mathematics staff members and 115 UG & PG from our own college and other college were participated in the webinar on 09.05.2022. Mrs.P.Backiyalakshmi Head & Assistant Professor of Mathematics welcomed the gathering. Our Honorable President Er.Pon.Balasubramanian offered felicitation with the support of secretary shri.Pon . Ravichandran ,Principal Dr.A.R.Ponperiasamy and Coordinator Dr.M. Meenakshi Sundharam,we started the webinar.

Dr.M. Suvinthra ,Assistant Professor, Bharathiyar University gave a key note address. Resource person delivered the concept of “**Higher Education and Career in Mathematics**”. She explained about the importance of Mathematics and how to approach the National Board of Higher Studies in Mathematics(NBHM), gave an awareness about summer programme in Mathematics. Also she guided how to get a Mathematics related Scholarship . Students gave their feedback after the special lecture. At the end Mrs.C.Hemalatha, Assistant Professor of Mathematics proposed the vote of thanks.

PG AND RESEARCH DEPARTMENT OF MATHEMATICS(SF),NMC

State level Webinar on 09.05.2022





PROBLEM SOLVING

uty-ponr-owu ▶

←

REC

Section 1: Algebra

1.1 Let $\alpha_i, i = 1, 2, 3$, be the roots of the polynomial

$$x^3 + px^2 + qx + r,$$

where $p, q, r \in \mathbb{C}$. Express the sum

$$\sum_{\substack{i, j=1 \\ i \neq j}}^3 \alpha_i^2 \alpha_j$$

in terms of p, q and r .

M Suvinthra

The image shows a video recording of a math problem. The video player interface includes a back arrow, a refresh icon, and a mute icon. A red 'REC' button is visible at the top. The problem text is displayed on a white background within the video frame. The sum is represented by a mathematical expression with a blue bracket underneath. The name 'M Suvinthra' is shown at the bottom of the video player.