

2024 Fifth International Conference on  
**Advances in Physical Sciences and Materials**  
**(ICAPSM 2024)**

29 - 30, August 2024 | Kangeyam, Tamil Nadu, India

# CERTIFICATE

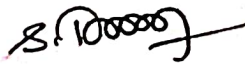
This certificate is presented to

**Anu Kathuria**


Department of Mathematics,  
The Technological Institute of Textile and Sciences,  
Bhiwani,

PSM 1070

for presenting the research paper entitled " -Necessary and Sufficient Conditions for two Matrices to hold Multiplicative Property " in the 2024 Fifth International Conference on Advances in Physical Sciences and Materials (ICAPSM 2024) held at Builders Engineering College, Kangeyam, Tamil Nadu, India during 29 - 30, August 2024. The conference has been organized in Hybrid Mode.



Dr. S. Thangaprakash  
Organizing Chair



Dr. P. Thangaraj  
General Chair



Dr. S. Ramkumar  
Conference Chair

Organized by



**BUILDERS**  
**ENGINEERING COLLEGE**

Approved by AICTE, New Delhi | Affiliated to Anna University, Chennai  
ISO Certified Institution | Recognized 2016 Status by UGC  
CIVIL, CHE, E.E, EE, ME, ML, IN | Accredited by NBA

**AUTONOMOUS**



www.builderscollege.edu.in



Partners

CMS Partner

  
DILIGENTEC SOLUTIONS

Publication Partner

  
AIP  
PROCEEDINGS