




# INVITATION




**P.K.R. ARTS COLLEGE FOR WOMEN**  
Re-Accredited with 'A' Grade by NAAC  
Autonomous Institution-Affiliated to Bharathiar University  
Gobichettipalayam

**DEPARTMENT OF MATHEMATICS**  
Cordially invites you for the  
**ONE DAY WORKSHOP**  
on  
**THE ROLE OF MATHEMATICS IN  
ARTIFICIAL INTELLIGENCE**



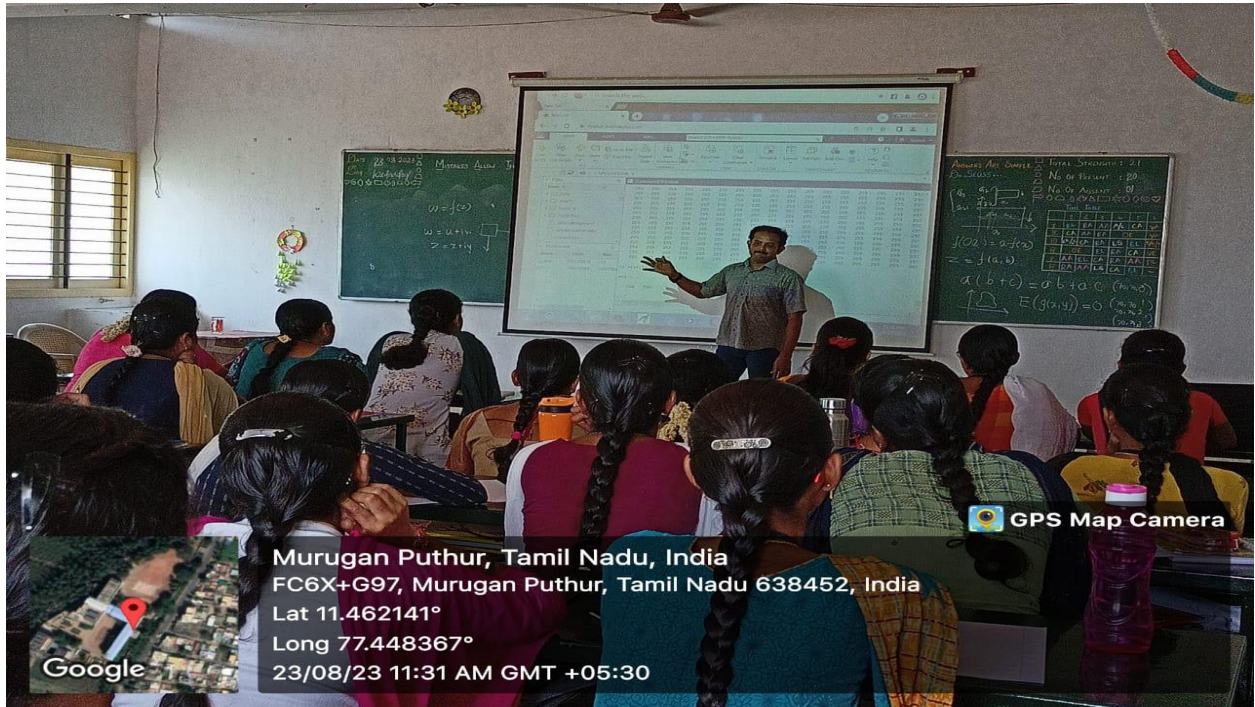
**WEDNESDAY**   
23 AUGUST 2023

**TIME**   
10.00AM-12.30 PM

**Dr. Suresh Rasappan**  
PROFESSOR  
DEPARTMENT OF MATHEMATICS  
UNIVERSITY OF TECHNOLOGY AND APPLIED  
SCIENCES- IBRI  
OMAN

**Organized BY : MS.L.PRIYA**

# PHOTOS





# REPORT

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### Event Report: THE ROLE OF MATHEMATICS IN ARTIFICIAL INTELLIGENCE

The Department of Mathematics, P.K.R. Arts College for Women organized a One day Workshop on "The Role of Mathematics in Artificial Intelligence" took place on August 23, 2023. This intellectually stimulating event took place within the college premises and featured Dr. Suresh Rasappan, Professor, Department of Mathematics, University of Technology and applied Sciences – IBRI, Oman as the esteemed guest speaker.


Ms. L. Priya, Assistant Professor in the Department of Mathematics, delivered the welcome address. Dr. R. Suresh's keynote address provided an insightful overview of the key mathematical principles that form the foundation of artificial intelligence. He delved into topics such as linear algebra, calculus, statistics, and discrete mathematics, highlighting their applications in machine learning, neural networks, and data analysis. Dr. Suresh's expertise and passion for the subject were evident as he seamlessly connected abstract mathematical concepts to their real-world implementations in AI.

Throughout the workshop, attendees had the opportunity to engage in interactive discussions with the speakers and fellow participants. This allowed for the exchange of ideas, the clarification of concepts, and the exploration of potential collaborations between the fields of mathematics and artificial intelligence. The seminar concluded with a vote of thanks delivered by Mrs. A. Poornima, Assistant Professor in the Department of Mathematics.

#### Outcome:

- The Workshop on "The Role of Mathematics in Artificial Intelligence" provided a platform for the students and the staff members to delve into the fundamental connections between these two disciplines.
- The event not only highlighted the importance of mathematics in shaping the landscape of artificial intelligence but also fostered a sense of collaboration and exploration among attendees.

**No. of Beneficiaries:** 55 students and 14 faculty members.

  
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