



திருவள்ளூர் பல்கலைக்கழகம்  
THIRUVALLUVAR UNIVERSITY  
(State university Accredited with B+ Grade by NAAC)  
SERKKADU, VELLORE- 632 115

## HUMAN RESOURCE DEVELOPMENT CENTRE(HRDC)

Jointly organize with the  
Department of Mathematics

## A Five Day Faculty Development Programme(FDP) on

## Mathematical Modeling in Applied Mathematics

Date: 07.04.2025 to 11.04.2025

(For the faculty members of Mathematics)

Chief Patron

Prof. Dr. T. Arumugam

Vice Chancellor

Patron

Prof. Dr. J. Senthil Velmurugan.

Registrar

Organising Secretary:

Dr. P. Vinayagamoorthy

University Librarian & Director, HRDC

Coordinator : Dr. M. Chitra, Professor & Head  
Dept. of Mathematics

## About the University

Thiruvalluvar University was established in Vellore district of Tamil Nadu by the Government of Tamil Nadu in October 2002 under Thiruvalluvar University Act, 2002 (Government of Tamil Nadu Act 32/2002). The University was named after the great Tamil Saint poet "Thiruvalluvar". The University is located in a sprawling campus of about 112.68 acres at Serkkadu, near Vallimalai, about sixteen kms away from the Vellore City on the Ranipet-Chittoor Trunk Road. In the University, every effort is harnessed to make the educational institution a temple of learning. The aim of this University is to provide facilities for advancement in Research and dissemination of knowledge with a special focus on the economic and social upliftment of the marginalized, who live in the four districts viz Vellore, Thiruvannamalai, Ranipet and Thirupattur.

## Objectives of the FDP

This FDP program is to provide a platform for faculty members to learn, share, interact with the experts from diversified fields in mathematical modeling and applied mathematics and enrich their knowledge. This five day FDP programme will be very informative and intellectually stimulating. This FDP is composed of invited talks by the distinguished speakers from the leading research institutions and universities.

This FDP will provide an insight on the following areas of Mathematics

- ❖ Mathematical Modeling in Fluid Dynamics and Bio-Mathematics
- ❖ Statistics and Operations Research
- ❖ Numerical analysis and Differential Equations
- ❖ Control theory and Neural network algorithms
- ❖ Fuzzy optimization, Fuzzy decision making and Fuzzy mining
- ❖ Application of Graphy theory
- ❖ Nano topology and Nano Bitopology via graphy theory
- ❖ Recent Applications in Linear Algebra

## Registration Guidelines

- ❖ Registration is open for Faculty members.
- ❖ Participation certificate and Lunch will be provided
- ❖ Registration Fee – Rs. 3000
- ❖ Confirm your Registration on or before 25-03-2025
- ❖ Google-form for registration is available at [www.tvu.edu.in](http://www.tvu.edu.in)
- ❖ Registration can also be done using the google form link:

<https://forms.gle/XFHKCvBSuiuWM4PN9>

## MODE OF PAYMENT

Payment can be made through RTGS/NEFT to the following Bank Account  
In-favour of: Director HRDC Thiruvalluvar University  
Bank Name: Indian Overseas Bank A/c. No:248401000006397  
IFSC code: IOBA0002484 Account Type: Savings  
Registration fee paid details should be entered/uploaded in the Google form.

For further communication, you may contact :

Dr.P.Vinayagamoorthy, University Librarian &  
Director, Human Resource Development Centre,  
Thiruvalluvar University, Serkkadu, Vellore -632115.  
Mobile :+91-9444268859, E-mail id: asc@tvu.edu.in

It is requested that all communications should be addressed to The Registrar, Thiruvalluvar University and not to any person.

E.Mail: [registrar@tvu.edu.in](mailto:registrar@tvu.edu.in)  
[registrar@tvu.edu.in](mailto:registrar@tvu.edu.in)  
Website: [www.tvu.edu.in](http://www.tvu.edu.in)  
Phone No: (0416) - 2274746  
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**THIRUVALLUVAR UNIVERSITY**  
(NAAC Accreditation 'B+' Grade)  
(State University)  
SERKKADU, VELLORE - 632 115.

Dr.J.SENTHIL VELMURUGAN, Ph.D.,  
REGISTRAR  
No.TVU/R/FDP-HRDC/2024/ 613  
To

Date: 14.03.2025

All the Principals / Secretaries of Arts and Science Colleges  
affiliated to Thiruvalluvar University

Sir / Madam,

Sub: Thiruvalluvar University- HRDC – Jointly organizes a five day Faculty  
Development Programme- with the Departments of Mathematics -  
Request to depute faculty members to participate in FDP –Reg.

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I wish to inform you that the Human Resources Development Centre(HRDC),  
Thiruvalluvar University, Vellore jointly organizes a five day Faculty Development  
Programme (FDP) with the Departments of Mathematics on **Mathematical Modeling in  
Applied Mathematics** from 07.04.2025 to 11.04.2025 at Thiruvalluvar University  
campus, exclusively for Thiruvalluvar University affiliated college faculty members and  
others.

The purpose of this FDP is to provide a platform for faculty members to learn,  
share, interact with the experts from diversified fields in **Mathematical Modeling in  
Applied Mathematics** and enrich their knowledge. This five day FDP programme will be  
very informative and intellectually stimulating. This FDP is composed of invited talks by the  
distinguished speakers from the leading research institutions and universities.

This FDP will provide an insight on the following areas of Mathematics.

|   |  |
|---|--|
| ❖ Mathematical Modeling in Fluid Dynamics and Bio-Mathematics | ❖ Fuzzy optimization, Fuzzy decision making and Fuzzy mining |
| ❖ Statistics and Operations Research                          | ❖ Application of Graphy theory                               |
| ❖ Numerical analysis and Differential Equations               | ❖ Nano topology and Nano Bitopology via graphy theory        |
| ❖ Control theory and Neural network algorithms                | ❖ Recent Applications in Linear Algebra                      |

The Principals and the Secretaries are requested to depute their faculty members  
from the departments of Mathematics to attend the Faculty Development Programme(FDP)

Thank you,

Yours faithfully

  
REGISTRAR

Copy to:

1. Dr.P.Vinayagamoorthy, Director HRDC & University Librarian, Thiruvalluvar University, Vellore – 632 115.
2. The Finance Officer, Thiruvalluvar University, Vellore.
3. P.A. to Vice-Chancellor / Registrar

Encl: TVU FDP Brochure.