

**ENTERPRISE RESOURCE PLANNING (ERP)**  
**OF**  
**TAMIL NADU PHYSICAL EDUCATION AND SPORTS UNIVERSITY**

# ENTERPRISE RESOURCE PLANNING

## Introduction

Enterprise Resource Planning (ERP) **integrate** functions and processes in higher educational institutions in our country. ERP has played a **momentous role** in the IT administration of Universities but it was to some extent far from the **core discipline** of the higher education. It is imperative to redefine ERP systems in Universities as being multiple in scopes, tracking a series of activities of including those of **human resource systems, administrative student information systems and monetary systems.**

Tamil Nadu Physical Education and Sports University education has always been a zone that has **distinctive organizational models** and core processes as well as objectives compared to other sectors. The Tamil Nadu Physical Education and Sports University system facilitates the academic activities in self and affiliated colleges which includes fundamental process such as **scheduling, admission, learning systems, operational functions and examination process.**

## ERP System in TNPESU:

- **Administration**
- **Student Admission and Monitoring**
- **Finance and Accounting of institution**
- **Examination and Result**
- **Faculty Profile**
- **Student attendance management**



## Benefits

- Centralized Web Based System
- Availability of Real-time Information at all levels.
- Consistent & highly Secured System.
- Provides Effective Decision Support System (DSS) that helps in Timely Decision Making.
- Ensures Better Coordination and Workflow Between Various Departments.
- Faster and Automatic Report Generation.
- Helps in Reducing Paperwork and Manual Filing and Record Keeping
- Productivity Enhancement for Staff as Well as Students Due to Instant Availability of Critical Information.



# Admission

- Curriculum
- Student Data
- Enrollment
- Course Assignment
- Generation of Roll Numbers Batch Assignment
- Mass Registration
- Registration by Student
  - ✓ Approval of Registration Advisory
  - ✓ Allocation Student
  - ✓ Semester Update
  - ✓ Drop Semester
  - ✓ Drop Programme
  - ✓ Search on Various Parameters
  - ✓ MIS Reports



# Academics

- Evaluation Rules
- Relative Grading Scheme
- Attendance Entry
- Marks Entry
- Date Sheet Generation
- Repeat Exam  
Repeat Course
- Revaluation of Marks
- Rechecking of Marks
  - ✓ Student Semester Update
  - ✓ Internships Details
  - ✓ Convocation Transcripts and Mark sheet Generation
  - ✓ Degree Certificate Generation
  - ✓ Tabulation Chart Generation
  - ✓ Search on Various Parameters MIS Reports
  - ✓ MIS reports



# Time Table Management System

- Dynamic Timetable for Students and Teachers.
- Generates class Wise, faculty Wise and Subject Wise Timetable.
- Daily Absent- Teacher Allocation.
- Course Progress and Scheduling.



# Examination

- Courses for which exams are to be Conducted
- Availability of Classrooms
- Number of Students appearing for the exam
- Exam schedule
- Seating arrangement
  - ✓ Exam information (Invigilator s/ Backups/Standby)
  - ✓ Exam query
  - ✓ Search on Various Parameters
  - ✓ MIS reports



## Human Resource Management System (HRMS)

- Name of the staff
- Date of Birth
- Date of entry into the service
- Date of(next) increment
- Date of various promotions
- Leave of various kinds availed
- Transfers/deputation to other departments/institutions
- Suspension
- Termination
- Retirement
- Passing of various examinations conducted by TNPSC
- Possession of additional academic qualifications
- Handing over and Taking over consequent on transfer/retirement/ suspension
- Application software





# File Movement System

- File's Origination status.
- File's Movement Status in the Department.
- Status Related to Exact Location of file.
- Remarks set by the person Concerned During Escalation Status.
- Advanced Search on various Parameters (Date, File no, Section, Title, File Created By, Status, Party, Physical location).
- Find out file in case the file is misplaced.



# Letter Movement System

- Letters' Receiving Details.
- Letters' Dispatch Details.
- Searching Criteria related to letters' receiving.
- Searching Criteria related to letters' dispatch
- Letter Movement Detail.
- Advanced Search on various parameters (Date, Section, Title, Source, Destination, Status, Party, Subject, Topic, Physical location).
- Keyword Searching Facility.
- Barcode Generation for Letter.
- Searching through Barcode.
- Complete life cycle of any letter starting from its origin to action taken.



# Management System (DMS) Document

- Complete support for virtually any type of Document Format
- Linking between Documents and other objects.
- Multiple Document Registration.
- Automatic Indexing of Documents.
- Reviewing by groups of users.
- Reconditions to PDF.
- Document Search on various parameters.
- MIS Reports



# Distance Education Management System

- Management of Study Centers
  - ✓ Name of the Center and number
  - ✓ Place/ Address
  - ✓ Recognized from
  - ✓ Courses offered
  - ✓ Details of fees payment
  - ✓ Year – Total number of Students
- Student's Information System
  - ✓ Name
  - ✓ Date of Birth
  - ✓ Name of the Course
  - ✓ Fee Structure
  - ✓ Due date for payment
  - ✓ Payment paid on
  - ✓ Arrears in fees payment
  - ✓ Examination Fees



# Financial Accounting System

- **General Ledger** » Chart of Accounts , Ledgers , Posting, Day Book, Group Summary, Flexible Voucher Type Creation
- **Recording and Monitoring of funds flow** » Transaction, Receipt Bill Wise, Sundry Debtors, Register, Bill Receivable
- **Accounts Payable/Purchase** » Transaction, Payment Bill Wise, Sundry Creditors, Register
- **Cash & Bank** » Bank Book, Cash Book, Bank Reconciliation, Cash Flow
- **Financial Statement** » Balance Sheet, Profit & Loss, Trial Balance, Receipt & Payment
- **Budgeting** » Budget Approval, Budget Allocation, Budget Re-appropriation, Location/Branch wise budget distribution, Cash based and/or Accrual Based Budgeting
- **Depreciation Register** » Integrated with Stores and Purchase
- **MIS Reports**



# Library Management

## Acquisition

- Ordering / Indent
- Add books / magazines / Journals / CD's / DVD's / e-books
- Magazine / journals subscription management

## Transaction / Circulation

- Issue / return
- Fine management
- Library memberships
- Print bar coded photo id cards
- Monitor overdue books return (send sms or email reminders)

## Student / Staff Login

- Search / Reserve Books
- View Books Issued
- Fine / Invoices
- New Arrivals
- Library notices and reminders

## Other Features

- Download reports in excel
- Lost / stolen / discarded book management
- RFID's / Smart cards integration
- Bar code printing for books and library cards
- Search / enter book details in the database using ISBN number. (Linked with google books api)





# Stores and Purchase

- Stock Status (Consumable/Dead Stock wise).
- Item In / Out Status.
- PO Generation.
- PO Cancellation.
- Purchase Return.
- Item In Challan.
- Requisition Of Items.
- Issue Of Items Against Requisition.
  - ✓ Item Return Details.
  - ✓ Rejection of Items.
  - ✓ Auction of Rejected Items.
  - ✓ Issue of Items for Job work
  - ✓ Division Wise Stock Transfer.
  - ✓ Stock Transfer Cancellation
  - ✓ A.M.C



# Asset Management

- List of all the Assets.
- Their values and Possession Status.
- Their Placement within Departments or People Specific.
- The total value of Depreciation shall be Calculated Accordingly and Displayed on Yearly basis.





## Generator Maintenance and Logbook

- Generator Type / Make / Details
  - Maintenance Workshops
  - Maintenance Logbook Creation
  - Fuel transaction history, economy, and costs Statistics.
- Various MIS Reports



## E-Tendering

- Online Registration for Tender.
- Down Load Facility of Tender Documents, for Example Tender form, BOQ, Technical & Financial bid document etc
- Online Estimate Creation Facilities by Consultant.
- BOQ (Bill of Quantity) Creation Facility.
- Online BOQ Purchasing and Submission.
- Technical Bid and Financial Bid entry and Evaluation
- Online payment facility for BOQ, EMD etc.
- Tracking Tender Status
- Online creation of Agreement / lease deed / Memorandum Letter.
- 



# Grievance Management

- Record the Grievances.
- Mark them to the Respective Departments for action/ answer.
- Reply to the persons whose Grievances are attended and resolved or will be resolved by giving a definite time frame.
- Follow up with the Respective Departments.
- Category wise Pending and Resolved Grievances Reporting to Appropriate Authority.
- Complaint registration Status.
- Pending Complaint Status.
- Resolved Complaint Status



# Legal Section System

- Advocates Details.
- Court Details.
- Legal Case Registration Details.
- Legal Case Status Update.  
Case Status Details.
- Next Hearing Details.
- Total Cases Registered against any Department.
- Various MIS Reports



# ERP MANUAL

# Institution

## User Manual for Institution

Tamil Nadu Physical Education and Sports University



## Login

### Login to web portal

This section of the User Guide describes how to log in (or authenticate) to your Account. Open any IE8+, Firefox 10+, Chrome 15+ browser with internet connection.

Type User register number in Register Number, and type your date of birth, Answer the security question (Example : **Y S G L A G**)

Click login button.

**Tamil Nadu Physical Education and Sports University**

TAMIL NADU PHYSICAL EDUCATION AND SPORTS UNIVERSITY

**Institution login**  
Institution Code:   
Password:   
Enter Captcha:  Y S G L A G Reload captchs  
[Forgot Password](#)

**Student login**  
Register Number   
Date of Birth DD-MM-YYYY   
Enter Captcha:  Y S G L A G Reload captchs

**Attention! All Institutions admission 2017** [View All](#)

**Student's Corner**

**MobileApp for Android Devices (Ver 3.0 - June 2014)**  
Download to the Computer and copy to the Mobile device  
(or)  
Scan this QR Code

**WebApp for all Mobile Devices (Ver 1.0 - Jan 2015)**  
Visit : [ipdtrk.in/tpesuniv](#)  
(from Firefox, Chrome, IE, Safari)  
(or)  
Scan this QR Code

Disclaimer  
Designed and developed by: National Informatics Centre, Chennai.  
Optimized for 1024 x 768 monitor resolution. Best Viewed with IE8+, Firefox 10+, Chrome 15+  
Content owned & maintained by  
Office of the COE, Sports University



## Home

Home page shows Examination and Academic Year Details.

Page ideal time **fifteen minutes** only, after which session will expire and log off.



### Home page

The screenshot shows the home page of the Tamil Nadu Physical Education and Sports University Admission & Examination Monitoring System. At the top left is the university's logo. The header text reads "Tamil Nadu Physical Education and Sports University" and "Admission & Examination Monitoring System". Below the header, it says "Welcome 0104 - Anjalaiammal College of Education !!". On the right, it shows "Last Login Time : 04-12-2017 03:40:16 PM" and a digital clock "13:41". A navigation bar contains "Home" and "Logout". The main content area features a box with "Examination" and two options: "November / December Examination, 2017" and "April / May Examination, 2014". Below this is a "No Message Found!!" button. At the bottom right, it states "Content owned & maintained by Office of the COE, Sports University."



## Examination & Academic Year

Select the Examination and the Year for which processing has to be done.

Examination
<u>November / December Examination, 2017</u>
<u>April / May Examination, 2014</u>

The selected Examination will be displayed as shown below.

Examination
<b>November / December Examination, 2017 - Active</b>

Select the Academic Year corresponding to the Examination.

Academic Year [for Student Profile only]....
<u>2017-2018</u>

The selected Academic Year will be displayed as shown below.

Academic Year [for Student Profile only]....
<b>2017-2018 - Active</b>





## List of Menu options

The screenshot displays the user interface of the Admission & Examination Monitoring System. At the top, a blue navigation bar contains the following menu items: Home, Admission, Fees, Faculty, Student, Exam, Reports, Admin Utility, Help, and Logout. Below this bar, the system header includes the university's logo on the left, the title "Tamil Nadu Physical Education and Sports University Admission & Examination Monitoring System" in the center, and a welcome message "Welcome 0104 - Anjalaimmal College of Education !!" on the left and a "Last Login Time : 04-12-2017 03:40:16 PM" with social media icons on the right. A second navigation bar is present below the header. The main content area features two columns: the left column is titled "Examination" and shows "November / December Examination, 2017 - Active" with a "No Message Found!!" message below; the right column is titled "Academic Year [for Student Profile only]...." and shows "2017-2018 - Active" with a "No New File Found!!" message below. A footer at the bottom of the interface states "Content owned & maintained by Office of the COE, Sports University."



## Admission

Select Admission -> New Application -> Applications Received to view the list of Applications received.



### Application List

Applications are listed Degree wise. Applicant details such as Name, Gender, Email etc., can be viewed.

B. SC TRAINING IN ATHLETICS								
S.No	Application No	Application Date	Name	Gender	Email Id	Mobile No	Entrance Exam Date	Status
1	20174200118	31-08-2017						Accepted
2	20175200119	01-09-2017						Accepted
3	20175200120	04-09-2017						Accepted
4	20175200122	07-09-2017						Accepted
5	20175207229	14-09-2017						
6	20175207230	14-09-2017						

B.PED GYMNASTICS AND TUMBLING								
S.No	Application No	Application Date	Name	Gender	Email Id	Mobile No	Entrance Exam Date	Status


To view the details of the Applicant, click 'Application No'. Check whether the required documents like Community Certificate, Degree Certificate, etc., are uploaded. **Accept** or **Reject** the application by changing the Application status as Accepted / Rejected / Pending.



28175807243

APPLICATION FOR ADMISSION

Course  
Admission No  
Name of the Student  
Name in Tamil  
Date of Birth[DD-MM-YYYY]  
Gender  
Category  
Hostel



**Personal Details**  
Father's Name  
Mother's Name  
Marital Status  
Door No.  
Street No.  
Village/ Town/ City  
Pincode  
State

**Other Details**  
Email ID  
Mobile No  
Blood Group  
Aadhaar No  
Community  
Differently abled Person  
Mother Tongue

**Qualifying Examination Details**

Examination	School / College of Study	Board / Branch of Study	Year of Passing	% of Marks	Certificate No	Upload
SSLC						Uploaded
HSC						Uploaded
UG Diploma						Uploaded

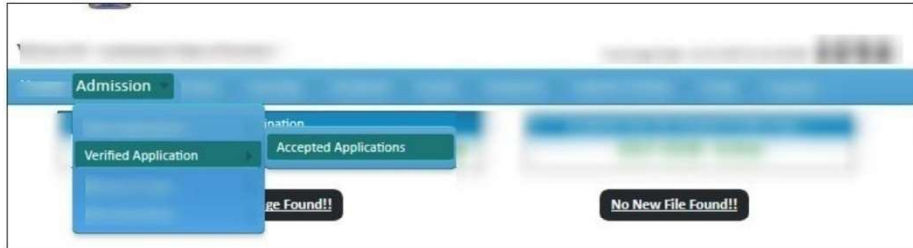
**Payment Details**  
Amount to be paid

Application Status: **ACCEPTED** Reason:



## Accepted Applications List

Select Admission -> Verified Application -> Accepted Applications to view the list of accepted Applications.



Example:

Accepted applications

S.No	Application No	Name	Gender	Category	Email Id	Mobile No	Status
1	20170500002						Accepted
2	20171500068						Accepted
3	20170500055						Accepted
4	20170500054						Accepted
5	20170500003						Accepted
6	20170500010						Accepted
7	20170500067						Accepted
8	20170500049						Accepted
9	20170500012						Accepted
10	20170500053						Accepted
11	20170500052						Accepted
12	20170500009						Accepted
13	20170500008						Accepted
14	20170500011						Accepted
15	20170500006						Accepted
16	20170500004						Accepted
17	20170500001						Accepted
18	20170500007						Accepted
19	20170500005						Accepted



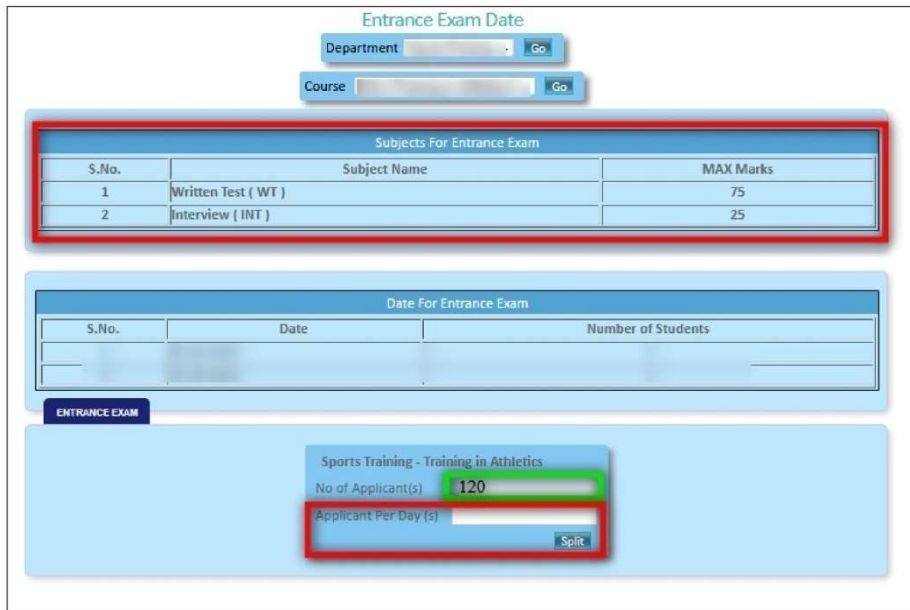
## Entrance Exam Date Allocation

Select Admission -> Entrance Exam ->Date Allocation to view the total count of accepted Applications and give the exam date(s).



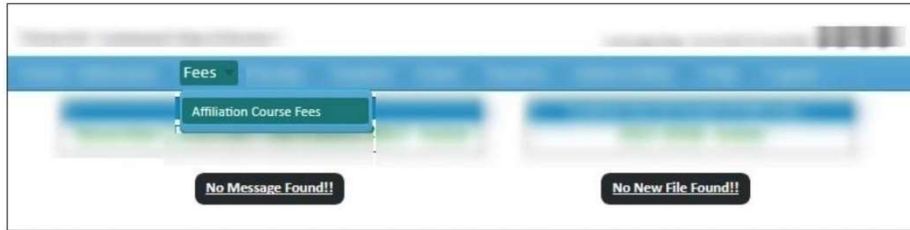
### Entrance Exam Allocation date wise

You can see the total number of Applicant(s) . Split the Applicant(s) daywise and enter the corresponding exam date(s).



## Affiliation Fees

Select Fees -> Affiliation Course Fees to view the affiliation course fees.



**Example:** Affiliation Fees List for available Course(s).

A screenshot of a table titled 'Affiliation Fees'. The table has a header row with columns: S.No., Course Type, Course Fee, Per Student Fee, Total Student Fees, and Total Fees. A red box highlights the first row, which contains the number '1' in the S.No. column. Above the table, there is a sub-header 'Academic Year 2017'.

S.No.	Course Type	Course Fee	Per Student Fee	Total Student Fees	Total Fees
1					



## Faculty Profile

Select Faculty -> Add Profile to add the new faculty profile.



### Faculty Profile Entry

BASIC DETAILS

Name of the Faculty*	<input type="text" value="SELECT"/>		
Father / Husband 's name*	<input type="text"/>	DOB (dd-mm-yyyy)*	<input type="text"/>
Mother's name*	<input type="text"/>	Marital Status*	<input type="text" value="SELECT"/>
Name of the Department*	<input type="text" value="SELECT"/>	Present Designation*	<input type="text" value="SELECT"/>
Gender	<input type="text" value="SELECT"/>	Date of Joining Service (dd-mm-yyyy)*	<input type="text"/>
Date of Joining Present Post (dd-mm-yyyy)*	<input type="text"/>	Aadhaar No.	<input type="text"/>
PAN Number*	<input type="text"/>	Passport Number*	<input type="text"/>
Blood Group*	<input type="text" value="SELECT"/>		

**Address for Communication(Click here)\***

**Permanent Address (Click here)\***

Residential Phone Number	Mobile Number
<input type="text"/>	<input type="text"/>
E-Mail Address* <input type="text"/>	
Photo* <input type="button" value="Browse..."/> No file selected.	Signature* <input type="button" value="Browse..."/> No file selected.

At the Time of Joining Institution\*

Qualification with Discipline / Specialization	Month and Year of Completion
<input type="text"/>	<input type="text"/>

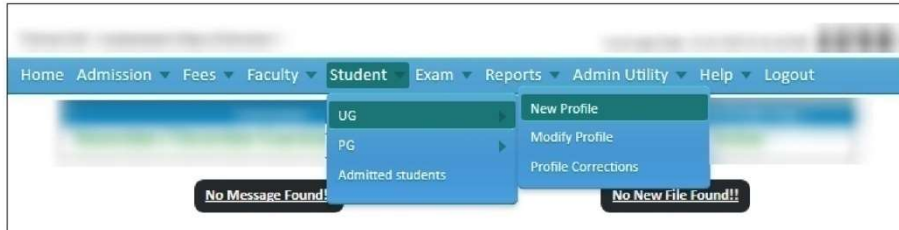
Fill the details and click the save profile. Faculty code will be generated. Example : 99990101





## Student Admission

Select Student -> UG / PG -> New Profile to add the profile for admission.



Enter the Application No and click 'Go'

The screenshot shows a form titled 'Student Admission'. It contains a text input field labeled 'Application No :', a 'Go' button, and a 'Cancel' button.

The profile of the Student is displayed with minimum details. More details can be entered.

## Admitted Students List

Select Student -> Admitted Student -> New Profile to add the profile for admission.





## Examination Hall Ticket Download

Select Exam -> Hall Ticket -> UG/PG to download the Exam Hall ticket.



Example:

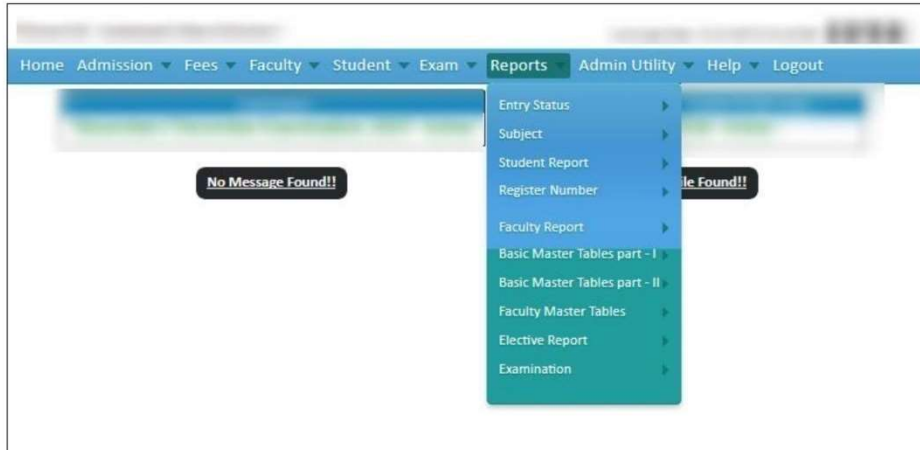


		<b>TAMIL NADU PHYSICAL EDUCATION AND SPORTS UNIVERSITY</b> CHENNAI - 600 025 UNIVERSITY EXAMINATIONS - <b>HALL TICKET</b>				
Register Number		Photo of the Candidate 				
Current Semester						
Name	D.O.B :					
Degree & Branch						
Examination Centre						
<b>Exam Schedule :</b> Sem Subject Code Subject Name <table border="1" style="width: 100%; height: 200px;"> <tr> <td style="width: 30%;"></td> <td style="width: 30%;"></td> <td style="width: 30%;"></td> </tr> </table>						
<b>No of Subjects Registered:</b>						
<b>NOTE :</b> 1. Correction in the Name / Date of Birth and missing of Photograph or incorrect Photograph, if any is to be updated in the Web Portal when it is opened for correction. The date and time for the correction will be informed to all Colleges. 2. Instructions printed overleaf are to be followed strictly.						
Generated on:						
Signature of the Candidate		Signature of the Principal / HOD with seal				
		Controller of Examinations				



## Reports

Select Reports -> ... to view all kinds of reports.



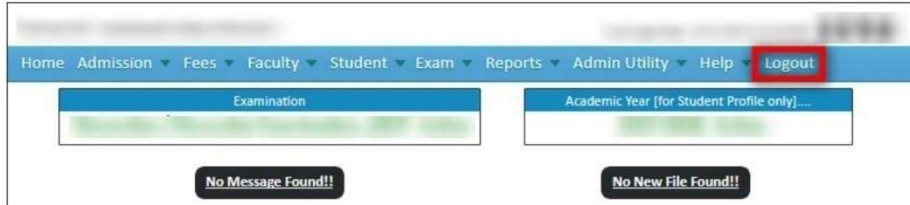
## Admin Utility

- Institution Profile Entry
- Change Password



## Logout

Logout will close your current session.





Thank You

*V. R.*

**REGISTRAR**  
Registrar  
Tamilnadu Physical Education  
and  
Sports University  
Chennai



*[Handwritten signature]*  
22/12/21

**VICE CHANCELLOR**

Vice - Chancellor  
Tamil Nadu Physical Education and Sports University  
Melakottaiyur, Chennai-600 127.