PERIYAR
MANIAMMAI
UNIVERSITY
(Under Sec. 3 of UGC Act, 1956)
NAAC ACCREDITED

Think - Innovate - Transform

Dr. G. JAGAJOTHI

Dean - Academics i/c
& ICT Co-ordinator

SALIENT FEATURES

- Periyar Maniammai College of Technology for Women was started in the year 1988 and it was elevated as Periyar Maniammai University in 2007
- Accredited by NAAC with B Grade
- All Engineering & Technology courses have been accredited by NBA of AICTE
- Certified with ISO 9000 in 1999, ISO 9001:2000 in 2000 and ISO 9001:2008 in 2010 by GL Germanischer Lloyd

ICT JOURNEY IN PMU

EVOLUTION OF ICT TOOLS IN PERIYAR MANIAMMAI UNIVERSITY

Year

1988

Establishment of Periyar Maniammai College of Technology for Women

1990

VIBGYOR

1993

Library Automation Software & Office Automation System

2004

PCR 90.4 MHz

RFID System

WiMax

2007

BRAIN V2.08

Biometric System

2009

BRAIN V2.09

Remote Centre for NMEICT Projects

NMEICT

2012

BRAIN V2.12

PMU E Contents

2013

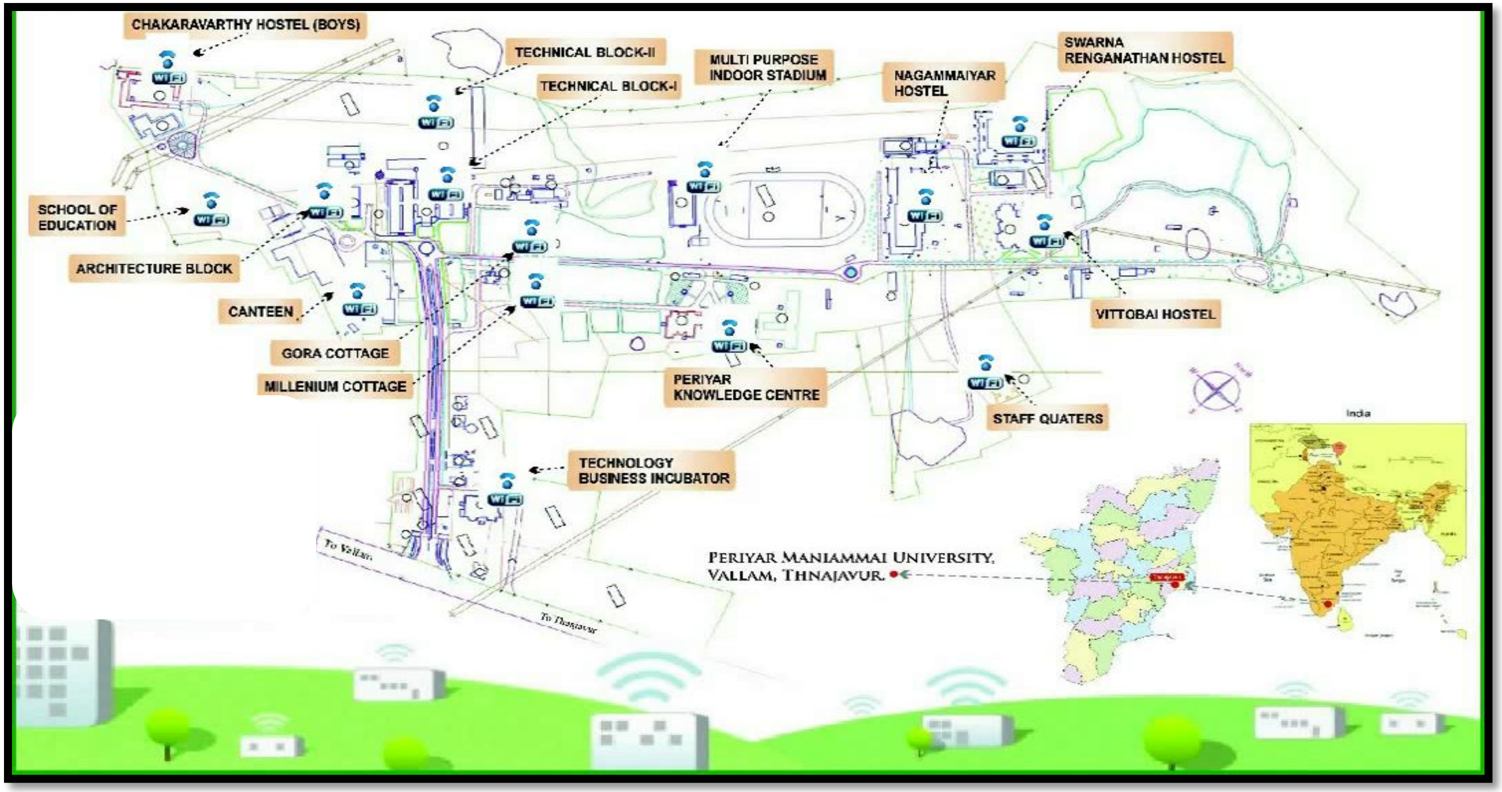
BRAIN V2.13 Launched

2014

Silver Jubilee Year ICT Festival

Growth of ICT in PMU

PMU Wi-Fi MAP


CHAKARAVARTHY HOSTEL (BOYS)
TECHNICAL BLOCK-II
TECHNICAL BLOCK-I
MULTI PURPOSE INDOOR STADIUM
NAGAMMAIYAR HOSTEL
SWARNA RENGANATHAN HOSTEL
SCHOOL OF EDUCATION
ARCHITECTURE BLOCK
CANTEEN
GORA COTTAGE
MILLENIUM COTTAGE
PERIYAR KNOWLEDGE CENTRE
VITTOBAI HOSTEL
STAFF QUATERS
TECHNOLOGY BUSINESS INCUBATOR
Wi Fi
To Vallam
To Thanjavur
India
PERIYAR MANIAMMAI UNIVERSITY, VALLAM, THNAJAVUR.

ACHIEVEMENTS AND BENEFITS OF ICT IMPLEMENTATION

ICT Activities under NMEICT Programme

- CDEEP (EduSAT)
- A-View (Distance Courses)
- Talk to Teacher
- Spoken Tutorial
- Ask a Question
- Aakash Tablet PC Training to Staff and Students
- Training on FOSS

Contd...

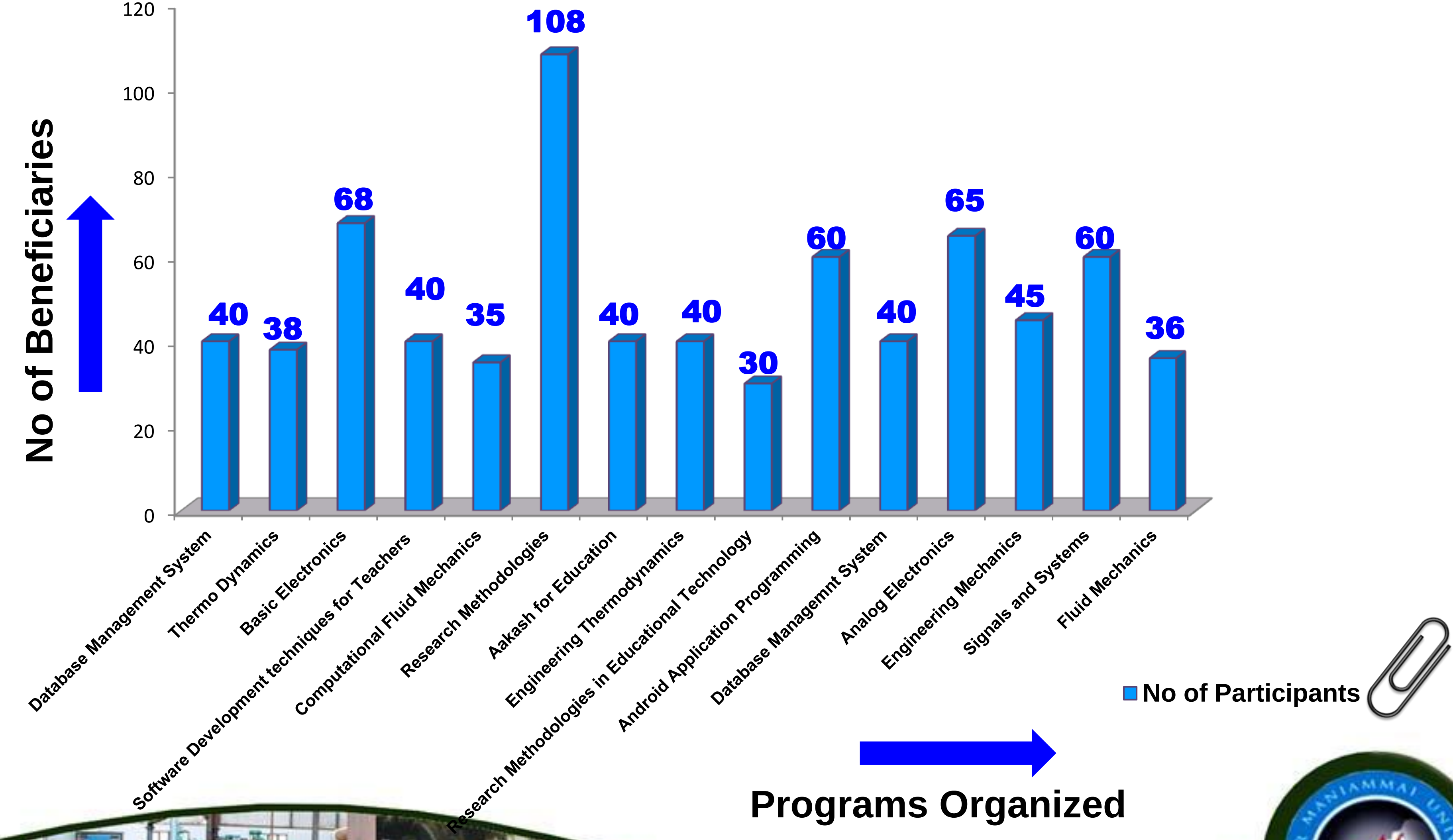
SPOKEN TUTORIALS - Students

Sl.No.	Degree	Dept.	Year	Date	Workshop Content
1	B.Tech.	CSE	I	15 – 4 – 2013	Ubuntu Linux, Libre Office, Firefox
2			I	17 – 4 – 2013	Ubuntu Linux, Libre Office, Firefox
3			II	17 – 4 – 2013	Python
3			II	17 – 4 – 2013	Python
4			III	18 – 4 – 2013	PHP & MySQL
5			III	22 – 4 – 2013	PHP & MySQL
6			IV	24 – 4 – 2013	LaTex
7			IV	24 – 4 – 2013	LaTex
8	M.Tech.		I	29 – 4 – 2013	SciLab

Contd...

ACHIEVEMENTS

NMEICT workshops – Staff (PMU and Others)



Contd...

NMEICT WORSHOPS

SIGNALS & SYSTEMS
National Mission on Education through ICT (MHRD, Govt. of India)
Periyar Maniammai University & IIT Kharagpur
PERIYAR MANIAMMAI UNIVERSITY

Two weeks ISTE workshop on “Signals and Systems” during 2nd – 12th Jan 2014

Contd...

NMEICT WORSHOPS

PERIYAR MANIAMMAI UNIVERSITY
SIGNALS & SYSTEMS
National Mission on Education through ICT
Periyar Maniammai University & IIT Kharagpur
IST

Two weeks ISTE workshop on “Signals and Systems” during 2nd – 12th Jan 2014

Contd...

AAKASH TABLET PC TRAINING

Two **days ISTE workshop on Aakash for Education** was conducted by IIT Bombay on 10th and 11th November, 2012 to the faculty all over India through A-VIEW

Total No Beneficiaries – 115 Staff Members

PERIYAR
MANIAMMAI
UNIVERSITY

Awareness on Aakash Tablet PCs was given **by Prof.Kannan M. Moudgalya,** Professor from IIT Bombay to the Post graduate students of Periyar Maniammai University on 17.12.2012.

Contd...

GADWHS.
MVK PATTI 7/20

Awareness on Aakash Tablet PC was given to rural students in the **NSS camp** held at Manayerippatti on 20.2.2013
Total No Beneficiaries – 200 students

Awareness on Aakash Tablet PC was given to rural students in the **NSS camp** held at Kathadippatti on 21.2.2013.
Total No Beneficiaries – 120 students

Contd...

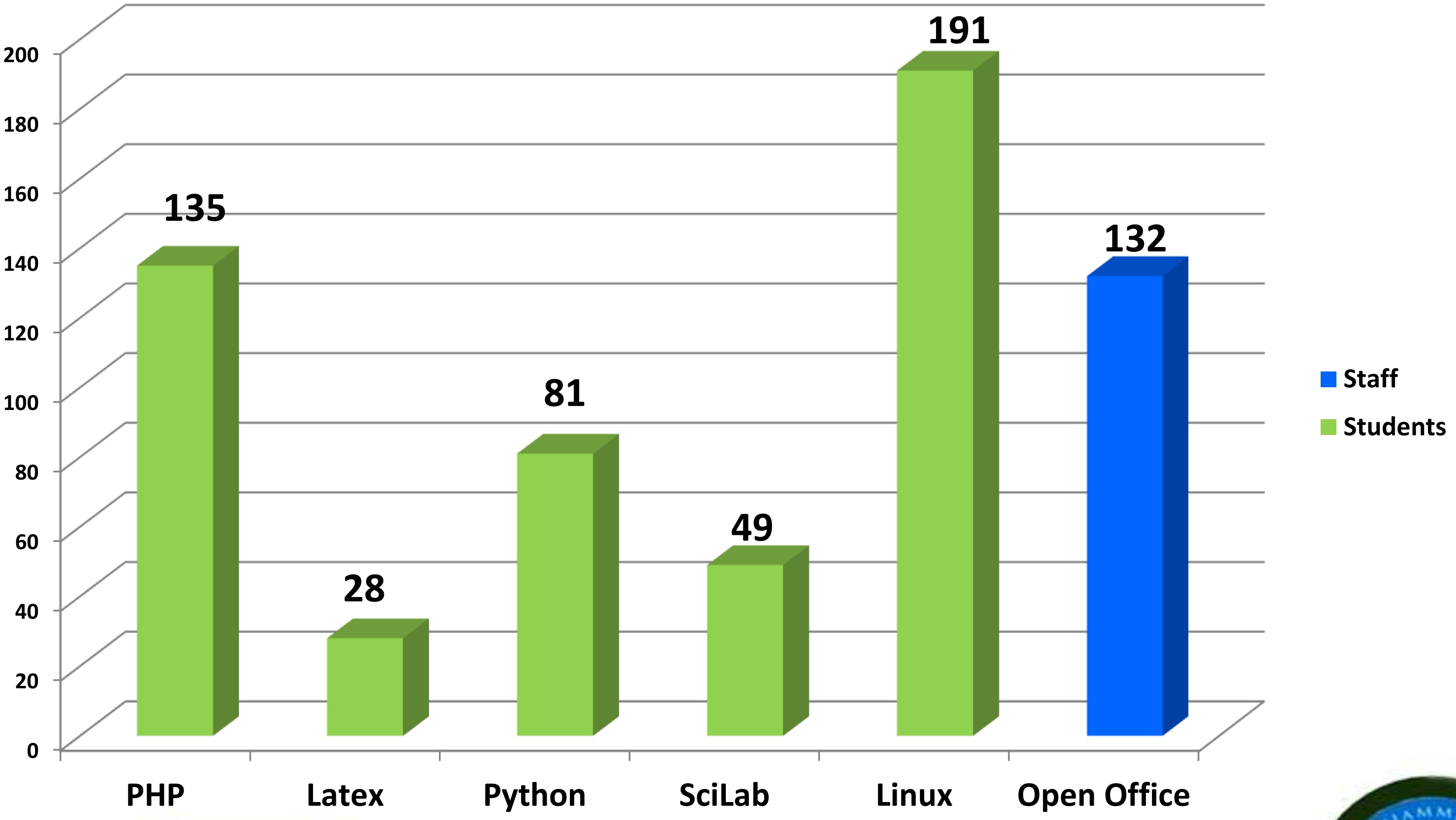
Awareness on Aakash Tablet PC for the students of PMU **in twenty sessions about 1000 students** were introduced about Aakash Tablet PC

Students of Periyar Centenary Memorial Matriculation school were given awareness on Aakash Tablet PC on 26.3.2014
Total No Beneficiaries – 110 students

Contd...

Teaching the subjects using Aakash Tablet PCs

FOSS (Free Open Source Software) - Training



PMU BEST PRACTICES

- **BRAIN V2.13 (Institutional E-Governance Package)**
- **In-House e-Contents**
- **Periyar Net – Intranet of PMU**
- **Digital Library**
- **PCR FM 90.4MHz**
- **Periyar PURA**

Contd...

- FOSS (Free and Open Source Software)
- Interactive Board Teaching
- Webinars for online teaching learning process
- Question Bank Practice

CHALLENGES FACED IN IMPLEMENTING ICT

CHALLENGES FACED IN IMPLEMENTING ICT

- Audio and video synchronization for both nodal centre and remote centers
- Teaching aids in all remote centers
- Training Duration for the Co-ordinators

Contd...

What the Government can do to ease the hurdles in the use of ICT in Educational Institutions?

- Inviting industrial experts to deliver the technical lectures besides Academia
- e-Content materials to cover various level of students
- Hi-Tech (advanced) audio – visual featured studio facility to be established in all remote centers
- Massive Open Online Course (MOOC) can be utilized

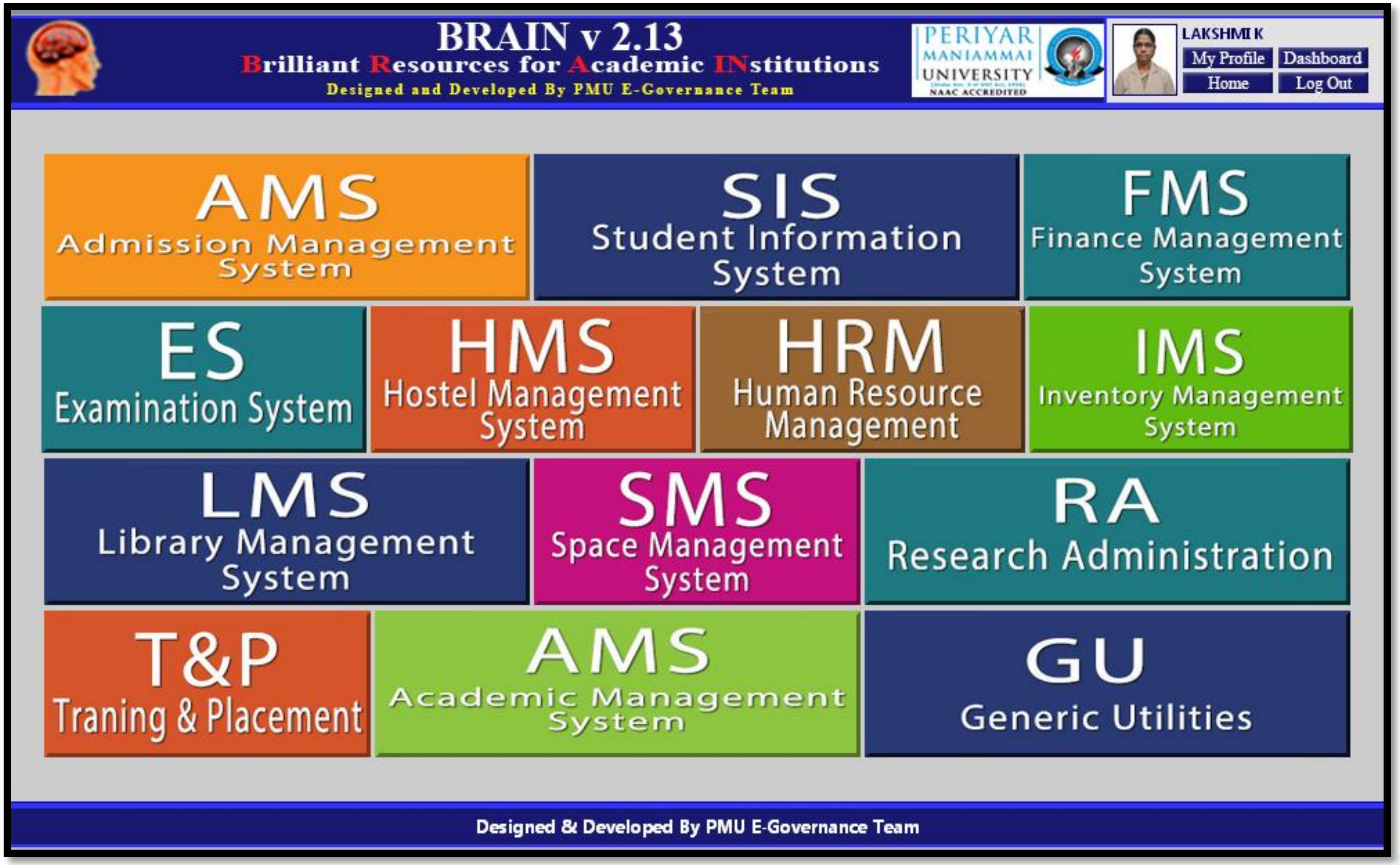
- Government should initiate all Engineering colleges to include NPTEL e-contents and Virtual labs in their curriculum for references
- For enhancing usage of Aakash Tablet PCs in remote places Mobile Access Points, Switches etc can be provided
- More awareness programs may be conducted on effective usage of NPTEL e-contents and Virtual labs
- PMU developed e-contents for 170 subjects and it could be promoted for all the Engineering students after reviewing by NMEICT/MHRD

Visit us at www.pmu.edu

Contact us in registrar@pmu.edu

PMU ICT ACHIEVEMENTS

BRAIN V2.13 – HOME GROWN PACKAGE



BRAIN v 2.13

Brilliant Resources for Academic INstitutions

Designed and Developed By PMU E-Governance Team

PERIYAR MANIAMMAI UNIVERSITY

NAAC ACCREDITED

LAKSHMI K

AMS Admission Management System

SIS Student Information System

FMS Finance Management System

ES Examination System

HMS Hostel Management System

HRM Human Resource Management

IMS Inventory Management System

LMS Library Management System

SMS Space Management System

RA Research Administration

T&P Traning & Placement

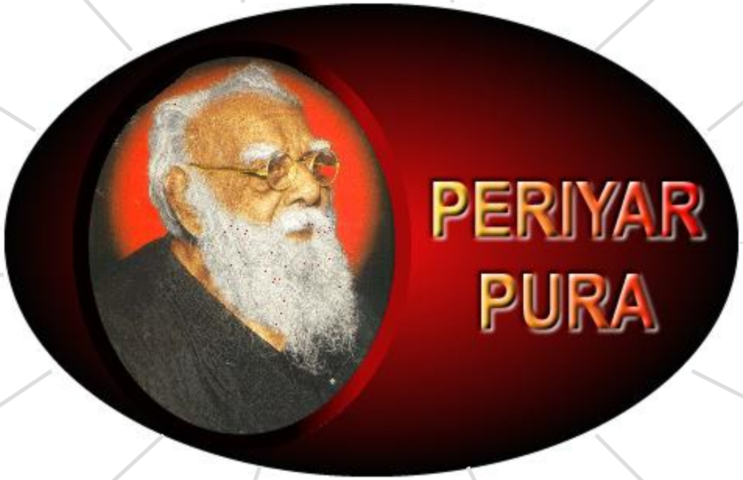
AMS Academic Management System

GU Generic Utilities

Designed & Developed By PMU E-Governance Team

BACK

PHYSICAL



TRANSPORT FACILITIES

NSS YRC NCC CDTP RRC

HEALTH CARE VMCQLER

CRD ,PROBE , POWER ,PRETI , CHILDLINE 1098.

ELECTRONIC

PERIYAR COMMUNITY RADIO FM 90.4MHz

CSI, IE, IEEE , ISTE

VILLAGE KNOWLEDGE CENTERS

ECONOMIC

MARKETING SUPPORT , FPOs

LOCAL EMPLOYMENT , SHGs , FARMERS & YOUTH , RURAL BPO

PERIYAR TBI – TRAINING & HAND HOLDING, RBH

AGRO BASED SSIs

KNOWLEDGE

PERIYAR EIs

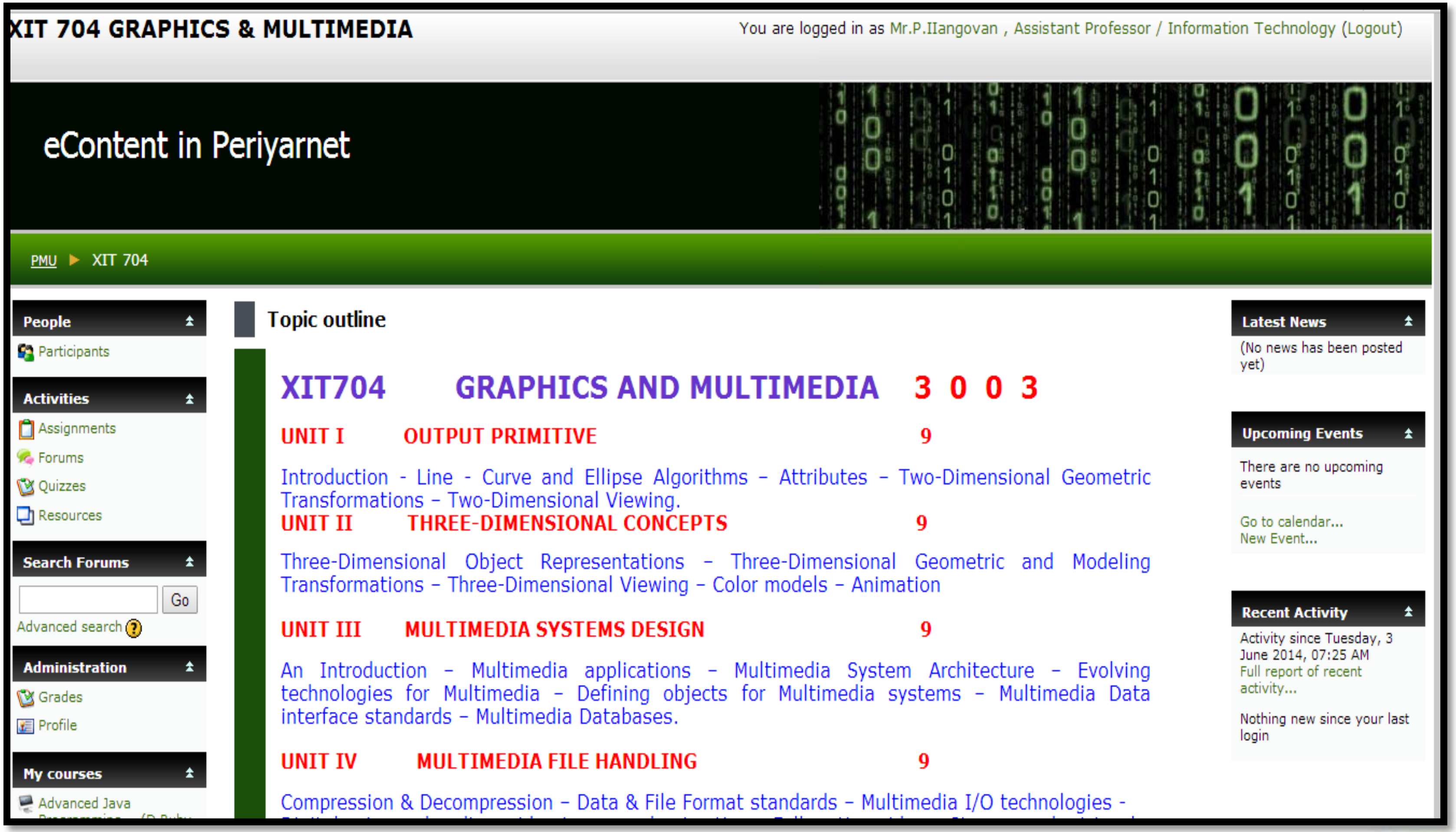
TECHNICAL KNOW-HOW / DO- HOW

PMU, COADE, IGNOU, CUII, CETAT

INTERACTIVE WHITE BOARD TEACHING

BACK

PMU e-Contents



XIT 704 GRAPHICS & MULTIMEDIA

You are logged in as Mr.P.Ilangovan , Assistant Professor / Information Technology (Logout)

eContent in Periyarnet

PMU ▶ XIT 704

People
Participants
Activities
Assignments
Forums
Quizzes
Resources
Search Forums
Go
Advanced search
Administration
Grades
Profile
My courses
Advanced Java

Topic outline

XIT704 GRAPHICS AND MULTIMEDIA 3 0 0 3

UNIT I OUTPUT PRIMITIVE 9

Introduction - Line - Curve and Ellipse Algorithms – Attributes – Two-Dimensional Geometric Transformations – Two-Dimensional Viewing.

UNIT II THREE-DIMENSIONAL CONCEPTS 9

Three-Dimensional Object Representations – Three-Dimensional Geometric and Modeling Transformations – Three-Dimensional Viewing – Color models – Animation

UNIT III MULTIMEDIA SYSTEMS DESIGN 9

An Introduction – Multimedia applications – Multimedia System Architecture – Evolving technologies for Multimedia – Defining objects for Multimedia systems – Multimedia Data interface standards – Multimedia Databases.

UNIT IV MULTIMEDIA FILE HANDLING 9

Compression & Decompression – Data & File Format standards – Multimedia I/O technologies -

Latest News

(No news has been posted yet)

Upcoming Events

There are no upcoming events

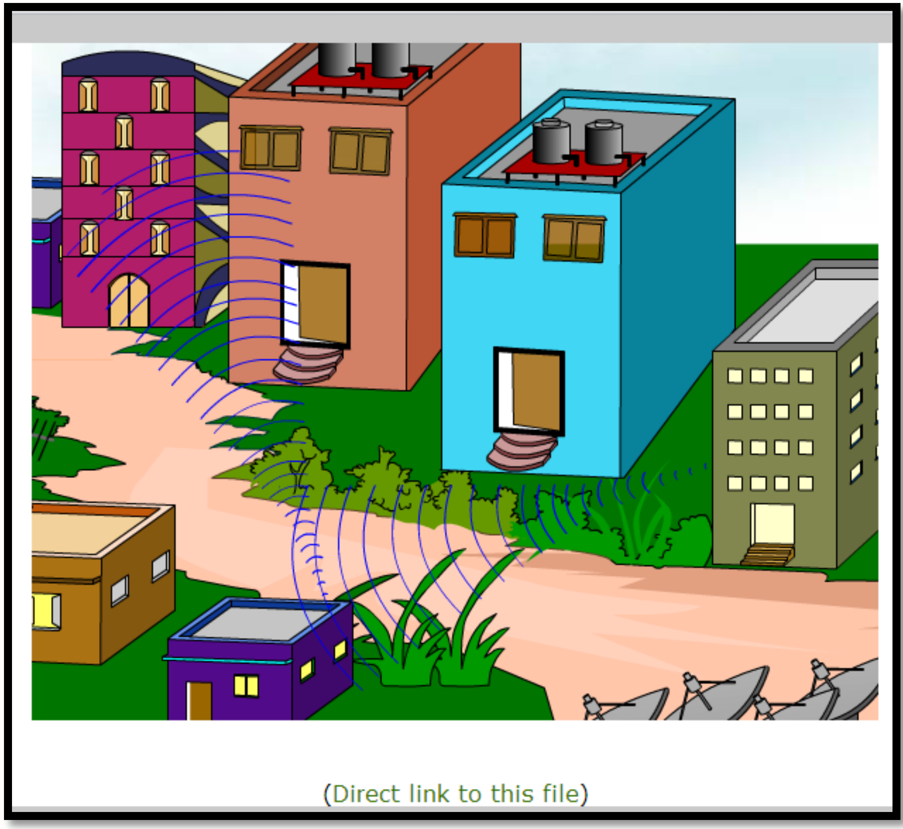
Go to calendar...
New Event...

Recent Activity

Activity since Tuesday, 3 June 2014, 07:25 AM
Full report of recent activity...

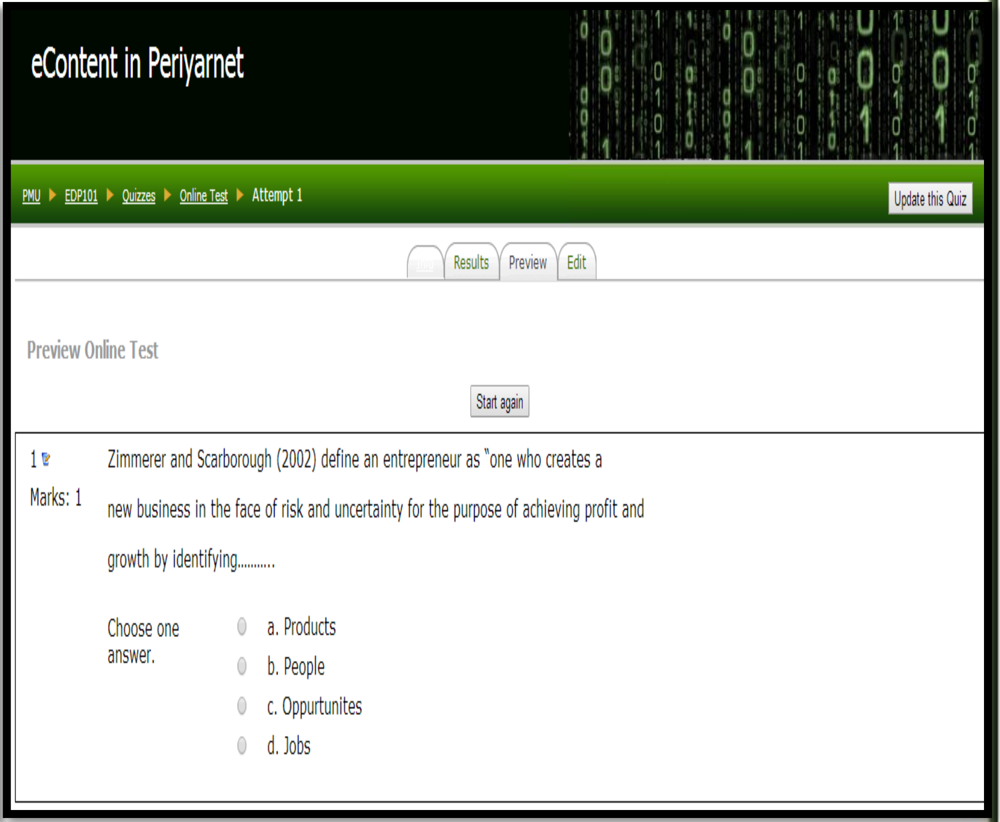
Nothing new since your last login

Contd...



(Direct link to this file)

Animation Content – XEC 504 Communication Theory


eContent in Periyarnet
PMU ▶ EDP101 ▶ Quizzes ▶ Online Test ▶ Attempt 1
Update this Quiz
Results
Preview
Edit
Start again

Preview Online Test

1

Marks: 1

Zimmerer and Scarborough (2002) define an entrepreneur as "one who creates a new business in the face of risk and uncertainty for the purpose of achieving profit and growth by identifying..........

Choose one answer.

- ○ a. Products
- ○ b. People
- ○ c. Oppurtunites
- ○ d. Jobs

Online Test & Results

BACK