

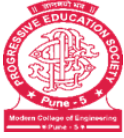


**Progressive Education Society's
Modern College of Engineering,
Shivajinagar, Pune-5**

2.3.2: Teachers use ICT enabled tools for effective teaching-learning processes.

Summary Sheet

2.3.2 Teaching - Learning Process				
Cr. No.	Key Aspects	Assessment Indicators	Details	Evidence
2.3.2	Teachers using ICT for effective teaching	<ul style="list-style-type: none">● Tools and platform used:● Open-source software:● Simulation software:● Licensed software:● MOOC Platforms:● YouTube videos prepared by faculties.● Various Open Education Resources.	Microsoft Teams, Zoom, Google-suite, Moodle and other LMS. WEKA, Rapid Miner, Packet Tracer, GDB Compiler, Scilab, Xilinx. JFlap, IIT Bombay's Virtual Lab, VisuAlgo. LabView, MATLAB, ETAP, AutoCAD, SolidWorks, MasterCAM. NPTEL, Coursera, SAP, Udemy, Edx, Eduskills, Spoken Tutorial.	Proofs of using the Tools by faculty for effective teaching.



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ICT Tools Used:

Google Classroom (Google Suite)

Faculty Name: Mrs.M.A.Kango

- Course: Digital Signal Processing
- Class: TE, SEM-I
- Google Classroom Code: luvzawh
- Creation Date: 6 Aug.2020
- Link:<https://classroom.google.com/c/MTE4NzUxMTk2ODA5>

Inbox (L,701) - mu... x Classroom for DSP... x 2.3 - Google Drive x Copy of ict.docx - (x 2.3.2_Proofs_ICT - (x IT_ICT Final Proof: x New Tab x

classroom.google.com/w/MTE4NzUxMTk2ODA5/t/all

DSP, AY: 2020-21

Stream **Classwork** People Grades

+ Create Google Calendar Class Drive folder

DSP WRITEUPS Edited Sep 25, 2020

DSP UNIT TEST-I MARKS Posted Sep 22, 2020

Curriculum Booklet Posted Aug 6, 2020

UNIT -I STUDY MATERIAL Edited Aug 7, 2020

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Usage of GDB Compiler

The screenshot displays the OnlineGDB beta interface. The top navigation bar includes 'Back to Classrooms' and 'Principles of Programming Language'. The main content area is divided into three sections: 'Joined Teacher' (with 'View All' and 'Invite Teacher' buttons), 'Students Enrolled 46' (with 'View All' and 'Invite Students' buttons), and 'Assignments'. The assignments list contains three items, each with a 'Published' status and a 'Submission Date' field. The first assignment is 'Write a program to input a string and count number of vowels in the string', the second is 'Write a program to input a string and check if it is a palindrome.', and the third is 'WAP to demonstrate methods of StringBuffer class.'. A circular stamp from the college is overlaid on the bottom left of the screenshot.

Simulation Software

The screenshot shows the Raspberry Pi Azure IoT Online Simulator interface. On the left, there is a 3D visualization of a Raspberry Pi board connected to a breadboard with various components. On the right, there is a code editor with C++ code. The code includes comments and function definitions for an IoT application. A circular stamp from the college is overlaid on the bottom center of the screenshot.

```
1 //
2 //
3 // MIT License
4 // Copyright (c) 2017 - Leonardo M
5
6 #include <string.h>
7 #include <string>
8 #include <vector>
9 #include <map>
10 #include <fstream>
11 #include <stringstream>
12 #include <sstream>
13 #include <memory>
14 #include <math>
15 #include <algorithm>
16 #include <iterator>
17 #include <functional>
18 #include <numeric>
19 #include <chrono>
20 #include <atomic>
21 #include <future>
22 #include <thread>
23 #include <mutex>
24 #include <condition_variable>
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Progressive Education Society's
Modern College of Engineering, Pune-05.
DEPARTMENT OF COMPUTER ENGINEERING

Report of Innovations by Faculty in Teaching and Learning

Class	TE - B
Academic Year & Term	2020-21 Term -II
Name of the Course	ESIOT
Topic covered	Understanding connectivity of Raspberry Pi with LED & IR
ICT tool used	Raspberry Pi Azure IOT online Simulator
Instruction Methodology used	Visualization
No of Students Present	40
Outcome(s) of the activity	Students able to understand the connectivity of R-Pi with other peripherals.
About the Activity	Activity conducted on simulator, student visualized & do connection using virtual environment.
Date & Signature of Faculty	
Activity Reviewed by	
Remark by reviewer	Good use of online simulator for understanding of students.





Progressive Education Society's Modern College of Engineering, Shivajinagar, Pune-5

Usage of ICT along with Open Source Software:

Faculty Name: Mrs.M.A.Kango

- Course: Scilab for Signal Processing and Communication
- Class: TE, SEM-I
- Creation Date: 9,10 July 2020
- Link: <https://drive.google.com/drive/search?q=iik-gteu-wog>

The top screenshot displays a presentation slide for a two-day online workshop on Scilab for Signal Processing and Communication. The slide is titled "Scilab for Signal Processing & Communication Two Days Online Workshop (Open-Source Software)" and is presented by Mrs. Mugdha A. Kango. It identifies the institution as P.E.S'S Modern College of Engineering, Pune - 411 005, and the department as Department of Electronics & Telecommunication. The bottom screenshot shows a Scilab code editor window with handwritten notes in red ink. The notes include: "lineSpace(M1, M2, N)", "lineSpace(0, 10⁻³, 500)", and "subplot(M1) or subplot(N, 1, 1) - to be written always before the plot function". The code editor also shows some pre-written code for signal generation and plotting.





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Shivajinagar, Pune-5

Usage of ICT



Progressive Education Society's
Modern College of Engineering, Pune-05.
DEPARTMENT OF COMPUTER ENGINEERING

Report of Innovations by Faculty in Teaching and Learning

Class	BE - COMP - A
Academic Year & Term	2020-21 (Term - I)
Name of the Course	Data Analytics
Topic covered	Naives Bayes classifier Algorithm for Prediction
ICT tool used	Rstudio, Google classroom
Instruction Methodology used	Experiential Learning
No of Students Present	45
Outcome(s) of the activity	Students were able to ① Solve & Implement Naives Bayes Classifier Problems.
About the Activity	students have implemented Naive Bayes classifier technique using Rstudio.
Date & Signature of Faculty	
Activity Reviewed by	
Remark by reviewer	Above concept conducted smoothly by using ICT tool





Progressive Education Society's Modern College of Engineering, Shivajinagar, Pune-5

Inbox (623) - pradeep.patil@mo... x Fwd: Proofs to be added in the... x BE COMP-A [A.Y.20-21] Data An... x +

classroom.google.com/c/MTE2MTE3MjMwNjM1

BE COMP-A [A.Y.20-21]
Data Analytics

Stream Classwork People Grades

PDF

Add class comment.

Pradeep Patil
Nov 25, 2020 (Edited 1:58 PM)

UNIT-4 CLASSIFICATION
All Students are requested to Complete Filled classroom activity Based on Navies Bayes Classifier Algorithm for prediction.

Unit-4_Classification_PPT...
PDF

Add class comment.

Pradeep Patil
Nov 25, 2020

https://drive.google.com/file/d/1TYLJ0F15hMK0W6E1Xzuq8nOTfTPG4ci/view?usp=drive_web&authuser=0 RULE AND REGRESSION

Faculty video lectu...xlsx Faculty video lectu...xlsx

Type here to search

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DEPARTMENT OF COMPUTER ENGINEERING
PUNE - 5
17-11-2021



Progressive Education Society's Modern College of Engineering, Shivajinagar, Pune-5

Usage of LMS

The screenshot displays the Canvas LMS interface for course 404. The left sidebar contains navigation options: Home, Account, Dashboard, Courses, Calendar, Inbox, History, Commons, and Help. The main content area shows a list of assignments under the heading '404 > Assignments'. The assignments are as follows:

Assignment Title	Module	Status	Due Date	Points	Completion
AI- Introduction to Deep Learning Certification	CCE's Module	Closed	Due Aug 9 at 11:59pm	30 pts	Completed
WHA- 1Q-05 Marks-Unit III-BT-2-Understanding	CCE's Module	Closed	Due Aug 9 at 11:59pm	5 pts	Completed
WHA- 2Q-10 Marks-Unit I-BT-2-Understanding	CCE's Module	Closed	Due Aug 9 at 11:59pm	10 pts	Completed
WHA- 3Q-15 Marks-Unit II-BT-2-Understanding	CCE's Module	Closed	Due Aug 9 at 11:59pm	15 pts	Completed
MCQ- 4Q-8 Marks-Unit I-BT-1-Remembering	CCE's Module	Closed	Due Aug 9 at 11:59pm	4 pts	Completed
MCQ- 4Q-8 Marks-Unit II-BT-1-Remembering	CCE's Module	Closed	Due Aug 9 at 11:59pm	4 pts	Completed
MCQ- 3Q-6 Marks-Unit III-BT-1-Remembering	CCE's Module	Closed	Due Aug 9 at 11:59pm	3 pts	Completed
MCQ- 2Q-4 Marks-Unit IV-BT-1-Remembering	CCE's Module	Closed	Due Aug 9 at 11:59pm	2 pts	Completed
MCQ- 2Q-4 Marks-Unit V-BT-1-Remembering	CCE's Module	Closed	Due Aug 9 at 11:59pm	2 pts	Completed

The interface also includes a search bar for assignments, a '+ Group' button, and a '+ Assignment' button. The bottom of the screenshot shows the Windows taskbar with the time 10:47 AM on 9/21/2021.