



5.1.2 LIST OF CAPACITY DEVELOPMENT AND SKILL ENHANCEMENT ACTIVITIES FOR ICT/COMPUTING SKILLS

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2021-2022

Capacity Building and Skills Enhancement

ICT/Computing Skills



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Report on Two days Hands on Training Program "Photoshop"

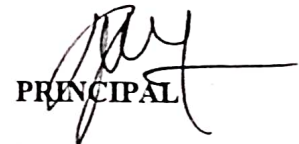
Resource Person:	KABILA TECHNOLOGY ANALYST, SERVION GLOBAL SOLUTIONS PVT LTD.				
Date of conduct from :	14/09/2021	To:	15/09/2021	Duration:	2 days
Organized Department :	Computer Science and Engineering				
Participant Year:	1/2	Semester:	ODD	No. of Students Registered :	358
Venue:	Seminar hall & EG hall				


Outcome

Upon Successful Two days Hands on Training Program on "Photoshop", The Students came to know about

- Understand the basic principles of graphic design using Photoshop including typography, compositing, color, and composition.
- Design better pages and documents using design-thinking principles.
- Create learning materials including info graphics and visual content to fortify learning objectives.
- Understand how to create better layouts using grids and guides using Photoshop.
- Understand how to use layers, effects, gradients, scaling, cloning, levels, and layer masks in Photoshop.
- Apply selections and alpha channels to isolate and extract parts of an image using Photoshop.
- Understand digital design for print and web: resolutions, files formats, tools & menus, programs.
- Learn how to create simple digital paintings including some brushes that let you create the look of an oil painting from a photo.


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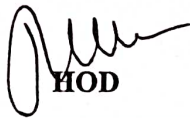
Report on Skill Development Programme on Microsoft Fundamentals

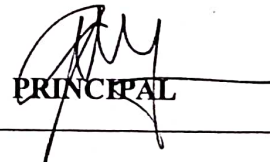
Resource Person:	DHIVYA J ASSISTANT SYSTEM ENGINEER, TCS, CHENNAI.	ABINAYA J ASSISTANT SYSTEM ENGINEER, TCS, CHENNAI.			
Date of conduct from :	04/05/2022	To: 05/05/2022	Duration:	2 days	
Organized Department :	Computer Science and Engineering				
Participant Year:	3 /4	Semester:	EVEN	No. of Students Registered :	331
Venue:	Seminar hall & EG hall				


Outcome

Upon Successful completion of two days "Skill development programme on Microsoft Fundamentals", The Students came to know about


- understand which tasks each of the major Office programs can perform.
- they able to independently create professional-looking documents, presentations, and spreadsheets.
- familiar with some advanced Office functions, including Mail Merge (Word) and formulas (Excel).
- understand how to use Word, Excel, and PowerPoint in a variety of professional, educational, and personal situations.
- they able to claim Office proficiency.


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2020-2021

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Report on Two days Hands on Training Program "Corel Draw"

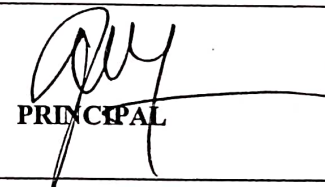
Resource Person:	ALAHARI RAJESWARI, SOFTWARE ANALYST, INFOSYS.				
Date of conduct from :	26/11/2020	To:	27/11/2020	Duration:	2 days
Organized Department :	Computer Science and Engineering				
Participant Year:	1 & 2	Semester:	ODD	No. of Students Registered :	296
Venue:	Seminar hall & EG hall				

Outcome

Upon Successful Two days Hands on Training Program on "Corel Draw", the Students came to know about

- The difference between Vector and Raster Graphics Create, edit
- Manipulate Raster graphics, make art works using brushes to express her creativity
- The concept of 2D, 3D computer graphics Retouch Image, Cleanup
- Unwanted objects from image to restore from old photos
- The color of a picture, correct photography and transform pictures artistically
- Animate Digital Image
- Create & Transform Digital Ebooks
- Projects like designing book cover, brochure, pamphlet, newspaper Ads, banners, posters, T-shirt designs Prepare of branding of products with logos, flyers, & hoardings


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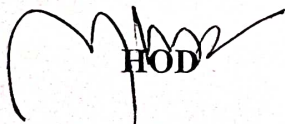
Report on Two days Hands on Training Program "Animation"

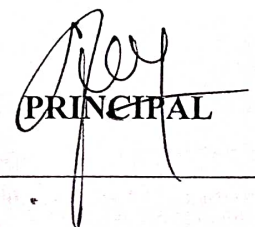
Resource Person:	Veena, Assistant professor, Tagore Engineering College, Chennai.				
Date of conduct from :	11/05/2021	To:	12/05/2021	Duration:	2 days
Organized Department :	Computer Science and Engineering				
Participant Year:	3 /4	Semester:	EVEN	No. of Students Registered :	421
Venue:	Seminar hall & EG hall				

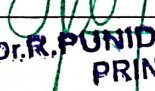
Outcome

Upon Successful Two days Hands on Training Program on "Animation", The Students came to know about

- To familiarize the students with various approaches, methods and techniques of Animation Technology.
- To develop competencies and skills needed for becoming an effective Animator.
- Mastering traditional & digital tools to produce stills and moving images.
- Exploring different approaches in computer animation.
- To enable students to manage Animation Projects from its Conceptual Stage to the final Product creation.
- To train students in applying laws of human motion and psychology in 2-D or 3-D Characters.
- To develop expertise in life-drawing and related techniques.
- To apply Audio and Video Production Techniques to an Animation Project.


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2019-2020

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Report on Skill Development Programme on IOT

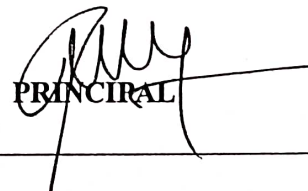
Resource Person:	VEENA.N ASSISTANT PROFESSOR, TAGORE ENGINEERING COLLEGE, CHENNAI.	SONIYAGANDHIS, TECHNOLOGY ANALYSIST, REGITECH CALIBRATION, CHENNAI			
Date of conduct from :	28/09/2019	To:	29/09/2019	Duration:	2 days
Organized Department :	Computer Science and Engineering				
Participant Year:	1/2	Semester:	ODD	No. of Students Registered :	357
Venue:	Seminar hall & EG hall				


Outcome

Upon Successful completion of two days "Skill Development program on IOT", The Students came to know about

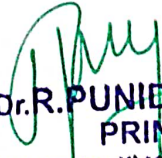
- Understand the key components that make up an IoT system
- Differentiate between the levels of the IoT stack and be familiar with the key technologies and protocols employed at each layer of the stack
- Apply the knowledge and skills acquired during the course to build and test a complete, working IoT system involving prototyping, programming and data analysis
- Understand where the IoT concept fits within the broader ICT industry and possible future trends
- Appreciate the role of big data, cloud computing and data analytics in a typical IoT system.
- Define the terms IoT and cloud computing
- Describe the evolution that has led to cloud computing
- Understand the importance of IoT device.


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Report on Skill Development Programme on Web Designing


Resource Person:	BAVADHARANI S SOFTWARE ANALYST, HCL TECHNOLOGY.	ABINAYA J ASSISTANT SYSTEM ENGINEER, TCS, CHENNAI.			
Date of conduct from :	29/01/2020	To: 30/01/2020	Duration:	2 days	
Organized Department :	Computer Science and Engineering				
Participant Year:	3/4	Semester:	EVEN	No. of Students Registered :	455
Venue:	Seminar hall & EG hall				


Outcome

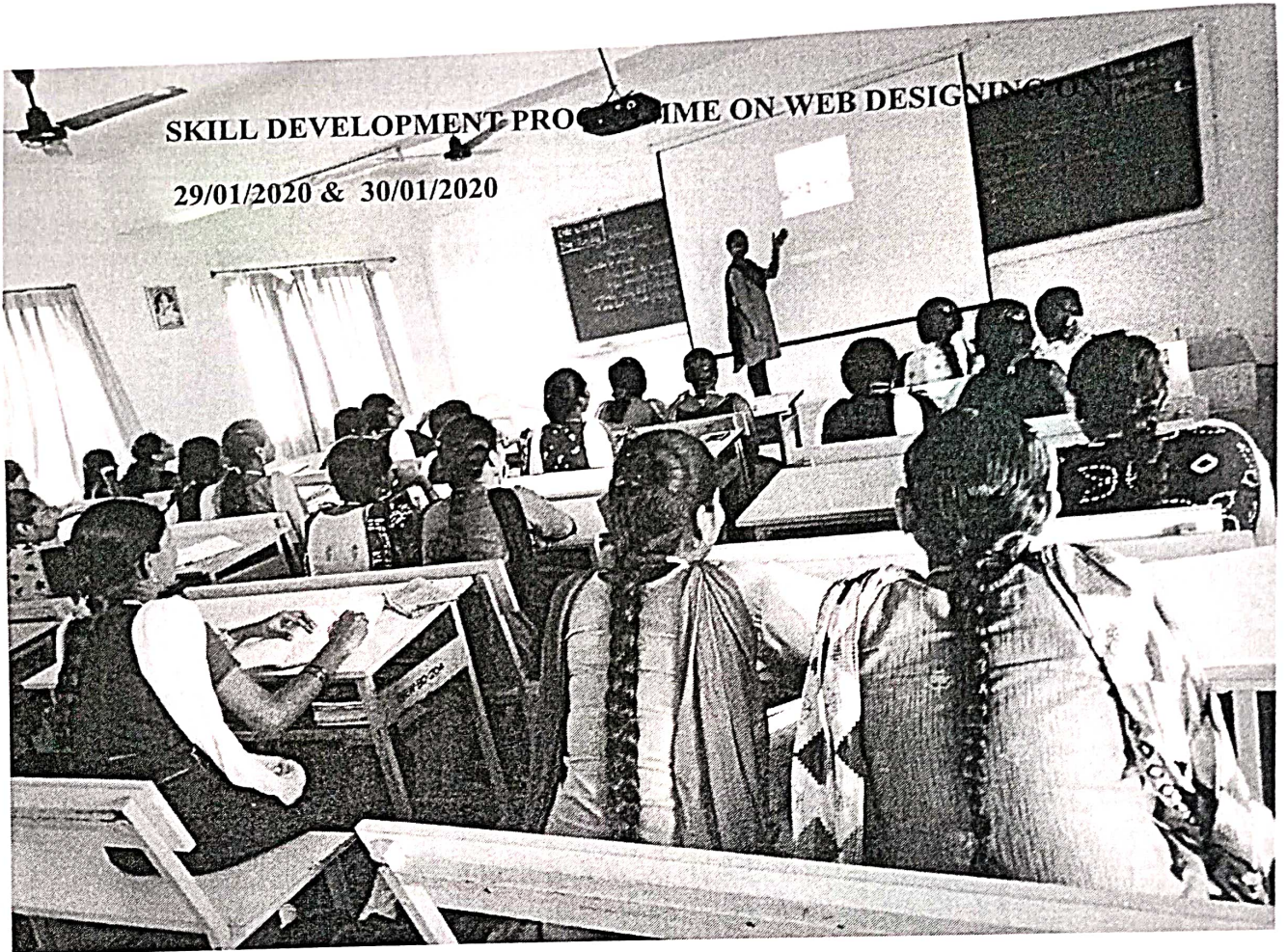
Upon Successful completion of two days"Skill Development program on web designing",The Students came to know about


- Structure and implement HTML/CSS.
- Apply intermediate and advanced web development practices.
- Implement basic JavaScript.
- Create visualizations in accordance with UI/UX theories.
- Develop a fully functioning website and deploy on a web server.
- Find and use code packages based on their documentation to produce working results in a project.
- Create webpages that function using external data.
- Architect solutions to programming problems by combining visual components and classes.
- Develop JavaScript applications that transition between states.
- Identify mobile strategies and design for multiple operating systems.


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2018-2019

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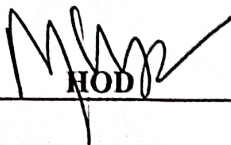
Report on Cyber Security

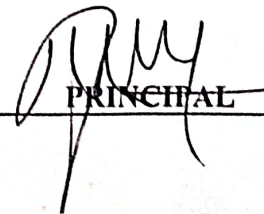
Resource Person:	BIEW ALUMINI JIJI P LOCAL SELF DEPARTMENT, ENGINEERING WING, GOVERNMENT OF KERALA.	BIEW ALUMINI N.SUBHASHINI, CEO,JP ELECTRICAL,CHENNAI			
Date of conduct from :	29/08/2018	To:	30/08/2018	Duration:	2 days
Organized Department :	Computer Science and Engineering				
Participant Year:	1/2	Semester:	ODD	No. of Students Registered :	507
Venue:	Seminar hall & EG hall				


Outcome

Upon Successful completion of two days on "Cyber Security", The Students came to know about

- Adaptability.
- A functional understanding how operating systems are built and managed
- A firm understanding the fundamentals of computer networking & cloud computing
- An ability to being able to build and evaluate network architecture.
- Familiarity with My SQL database platforms
- Understanding protocols for detecting and preventing firewall breaches
- Firm understanding of basic antivirus principles, VPNs, and firewalls
- Mastery of security audits.


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Report on Two days Hands on Training Program "R Programming Tool"

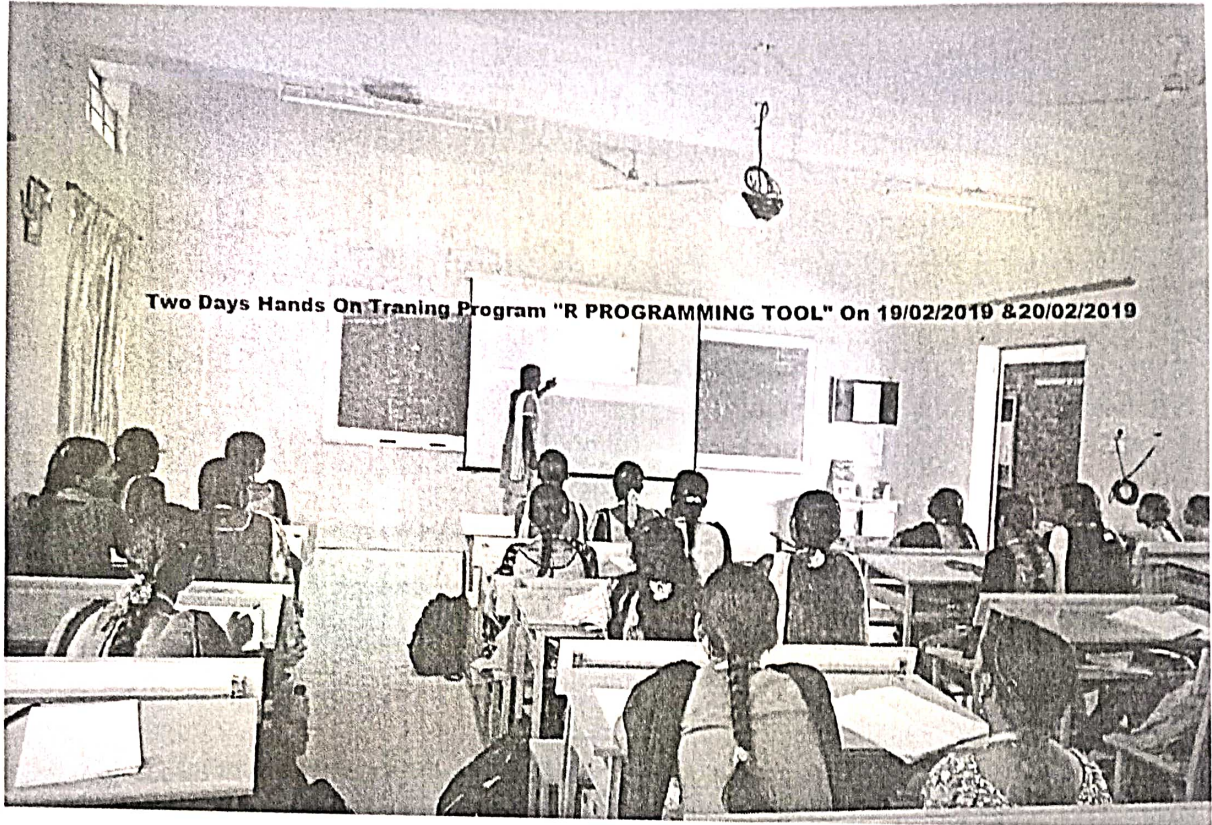
Resource Person:	BIEW ALUMINI ASHMA R LECTURER, CALICUT UNIVERSITY, KERALA		BIEW ALUMINI SOWMIYA P. ASSISTANT SYSTEM ENGINEER, CHENNAI.		
Date of conduct from :	19/02/2019	To:	20/02/2019	Duration:	2 days
Organized Department :	Computer Science and Engineering				
Participant Year:	3 /4	Semester:	EVEN	No. of Students Registered :	527
Venue:	Seminar hall & EG hall				


Outcome

Upon Successful Two days Hands on Training Program on" R Programming Tool", The Students came to know about

- R is a platform-independent programming language. This means that whichever operating system you use, your R program will work just fine.
- R is very easy to learn and understand. If you have a good understanding of statistics, R programming will make your tasks easier.
- R libraries provide one of the best and most insightful data visualizations.
- R programming is one of the most popular programming languages for data science and machine learning.
- R can easily be integrated with various other programming languages such as C and C++.
- R is a free language; anyone can download and use it without having to purchase a license. It is also open-source.
- The demand for R is growing at a very fast rate and it is currently a trend in the industry.
- R has a huge community of users and extensive community support to help you with the learning process.

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2017-2018

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Report on Skill development Programme on .Net


Resource Person:	REENA DEVI S TECHNOLOGY ANALYST, INFOSYS.	JJI P LOCAL SELF DEPARTMENT, ENGINEERING WING, GOVERNMENT OF KERALA.			
Date of conduct from :	03/10/2017	To:	04/10/2017	Duration:	2 days
Organized Department :	Computer Science and Engineering				
Participant Year:	1/2	Semester:	ODD	No. of Students Registered :	518
Venue:	Seminar hall & EG hall				

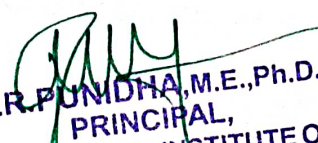
Outcome

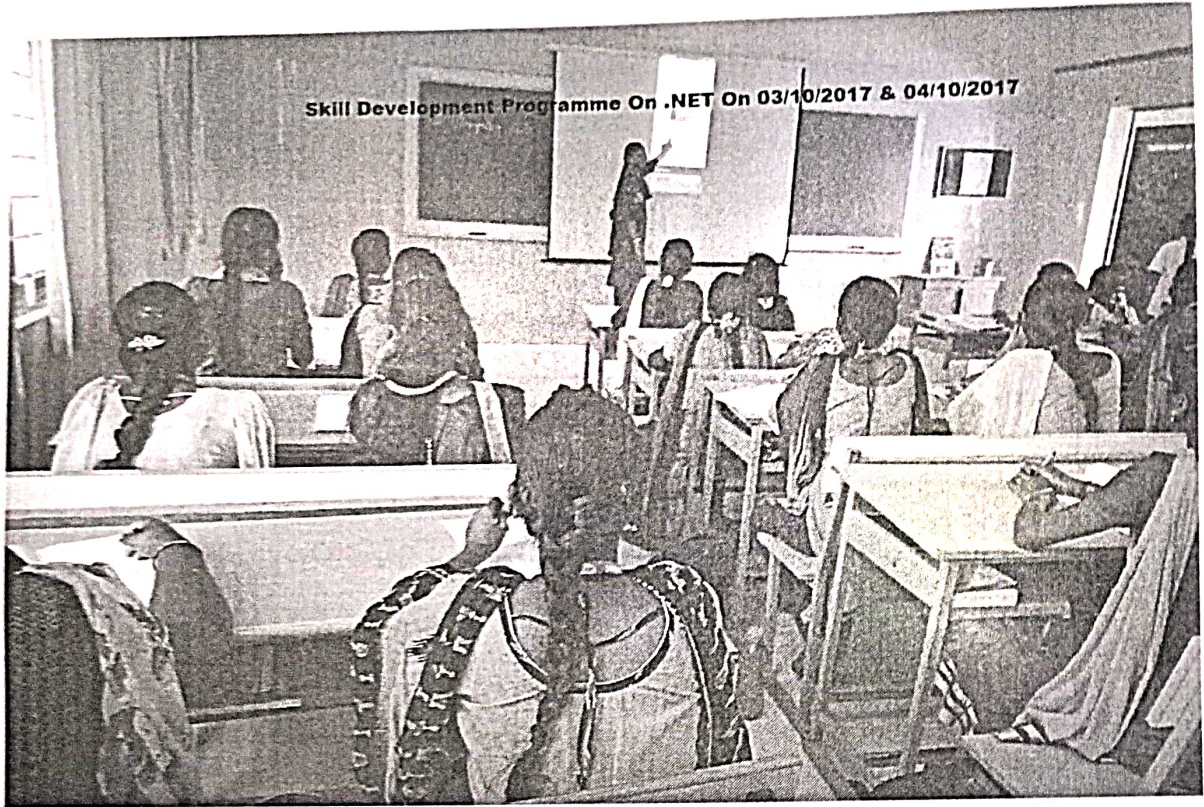
Upon Successful completion of two days "Skill Development program on .Net", The Students came to know about

- Understand the Microsoft .NET Framework and ASP.NET page structure
- Design web application with variety of controls
- Access the data using inbuilt data access tools
- Use Microsoft ADO.NET to access data in web Application
- Configure and deploy Web Application
- Develop secured web application


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Report on Linux


Resource Person:	ANJU MP SITE ENGINEER, DISTRICT NIRMITHI KENDRA	SASI HANSI R PROJECT ENGINEER, TCS, CHENNAI.			
Date of conduct from :	20/03/2018	To:	21/03/2018	Duration:	2 days
Organized Department :	Computer Science and Engineering				
Participant Year:	3 /4	Semester:	EVEN	No. of Students Registered :	527
Venue:	Seminar hall & EG hall				

Outcome


- Upon Successful completion of two days on "Linux", The Students came to know about
- Students can read the source code available on resources to understand what is going on under the hood.
 - Its open-source nature allows multiple teams to collaborate to enhance the capability of the operating system.
 - Linux kernel and application programs can be installed on any kind of hardware platform.
 - Multiple users can access system resources such as memory and application programs at the same time.
 - Multiple functions can be performed simultaneously.
 - It is a special interpreter program that is used to execute commands of the operating system.
 - Linux offers top-notch security using authentication, authorization, and encryption.


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