SRI SRINIVASA EDUCATIONAL AND CHARITABLE TRUST®

SAPTHAGIRI COLLEGE OF ENGINEERING

(Affiliated to Visvesvaraya Technological University, Belagavi and Approved by AICTE, New Delhi)
(Accredited by NAAC with "A" grade)
(An ISO 9001:2015 & ISO 14001:2015 Certified)

Index Sheet 1.4.2

Feedback process is classified as follows

Options

    A. Feedback collected, analysed and action taken and feedback available on website
    B. Feedback collected, analysed and action has been taken
    C. Feedback collected and analysed
    D. Feedback collected
    E. Feedback not collected

Response: A Feedback collected, analysed and action taken and feedback available on website

Feedback from different stakeholders are collected, analysed and based on the feedback each department offered certification courses and organized guest lectures and technical talks.

Sl. No.	Department	Action taken	Page No.
1.	BT	Certification course on Units and Dimensions	2
2.	CSE	Certification course on Advanced JAVA	4
3.	CSE	Certification course on Java Spring and Hibernate	5
4.	CV	Certification course on Building material and testing	7
5.	ECE	Certification course on Python coding with Application Projects and solutions	9
6.	ME	Certification course on AutoCAD training program	11
7.	CSE, ECE, EEE, ISE	Certification course on Data Analytics and cloud computing	13

Sapthagiri College of Engineering

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi)

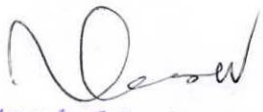**An ISO 90001:2015 and 14001:2015 Certified Institution, Accredited by NAAC -A GRADE**

#14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru – 560057
Phone: 080-28372800/1/2 www.sapthagiri.edu.in   Fax: 080-28372797

Department of Biotechnology

Certificate Course –Units and Dimensions

Post Event Report

Department of BT conducted Certificate Course on Units and Dimensions from 14th Nov 2022 to 26th Nov 2022

Objective of the Course: The one week course made the students to be familiar with the major concepts in Units and a dimension which is a main platform for their career .Certificate Course became the vital step to improve the knowledge of students.

Resource Person: 1.Dr Gouri mirji, Assistant Professor, Sapthagiri College of Engineering Bangalore
　　　　　　　　2. Dr Chaitra B S, Assistant Professor, Sapthagiri College of Engineering Bangalore

Duration of the course: From 14th Nov 2022 to 26th Nov 2022

Student Participants in certification Program

Principal
Sapthagiri College of Engineering
14/5, Chikkasandra, Hesaraghatta Main Road
Bengaluru

Sapthagiri College of Engineering

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi)

An ISO 90001:2015 and 14001:2015 Certified Institution, Accredited by NAAC -A GRADE

#14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru – 560057
Phone: 080-28372800/1/2 www.sapthagiri.edu.in   Fax: 080-28372797

Department of Biotechnology

Date	Time	Topics
14/11/2022	1:30 pm – 4.30 pm	Definition Of Physics And Physical Quantities, Science Of Measurement
15/11/2022	1:30 pm – 4.30 pm	Physical Quantities, Fundamental And Derived Units
16/11/2022	1:30 pm – 4.30 pm	Characteristics Of Standard Unit, Systems Of Units
17/11/2022	1:30 pm – 4.30 pm	Supplementary Unit, Definition Of Basic And Supplementary Unit Of S.I.
18/11/2022	1:30 pm – 4.30 pm	Classification Of Physical and chemical Quantity, Example, Problems
19/11/2022	1:30 pm – 4.30 pm	Principle Of Homogeneity Of Dimensions
21/11/2022	1:30 pm – 4.30 pm	Dimensional Equations, Applications Of Dimensional Equations, Example, Exercises
22/11/2022	1:30 pm – 4.30 pm	Force And Motion, Force And Its Units,
23/11/2022	1:30 pm – 4.30 pm	Linear Momentum, Conservation Of Momentum, Impulse
24/11/2022	1:30 pm – 4.30 pm	Work, Power And Energy,Examples,Exercises
25/11/2022	1:30 pm – 4.30 pm	Heat And Temperature, Examples, Exercises
26/11/2022	1:30 pm – 4.30 pm	Problem solving,Test

Conclusion: A program of education resulting in a certificate of completion rather than a degree. These programs prepare students to complete a specific task or allow them proficiency in one of the particular aspect of their field. Students were benefit with programming skills .Students pursues certificates in order to get ahead in the professional field of their interest.

Principal
Sapthagiri College of Engineering
14/5, Chikkasandra, Hesaraghatta Main Road
Bengaluru - 560 057

Head of the Department
HOD,BT
Dept. of Bio -Technology
Sapthagiri College of Engineering
No. 57/1, Chikkasandra
Hesaraghatta Main Road
Bangalore -57

SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST®

SAPTHAGIRI COLLEGE OF ENGINEERING

(Affiliated to Visvesvaraya Technological University, Belagavi& Approved by AICTE, New Delhi.)
(Accredited by NAAC with 'A' Grade)
(ISO 9001-2015 & 14001-2015 Certified)
#14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru– 560 057.

Department of Computer Science & Engineering
Accredited by NBA

Academic Year: 2022- 2023

Report on "Certification Course on Advanced Java"

The Department of Computer Science & Engineering organized Certification Course on Advanced Java from 10/10/2022 to 15/10/2022 for students of Computer Science & Engineering. The students participated in the event.

- **Objective of theCertification Course on Advanced Java**: The objective of the course was to enhance knowledge in Java programming as per industry standards.

- To evaluate the knowledge of the participants within academics as well as beyond academics and to make them familiar with the requirements of Industries.

- The main purpose of this event was to help the students to provide knowledge about Advanced Java as per the industries requirement. This event motivated students to know the industries standards to prepare for placement process.

- **Title of the event:** "Certification Course on Advanced Java"

- **Date**: 10/10/2022 to 15/10/2022

- **Participants: 128**

Overall the students felt that course was useful for placement process.

Principal
Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road
Bangalore- 560 057

Department of Computer Science & Engineering

POST EVENT REPORT ON CERTIFICATION COURSE

"SPRING AND HIBERNATE"

Department of Computer Science & Engineering conducted Certification Course on "SPRING AND HIBERNATE" from 12th September 2022 to 17th September 2022.

- **Objective of the Course**: The Six day course made the students to be familiar with the major concepts in "SPRING AND HIBERNATE" which is a main platform for their career .Certification Course became the vital step to improve the knowledge of students.

- **Speakers:** Dr.Praveen Kumar K V, Prof. Madhushree , Prof. Anuradha B, Prof. Vanitha G P, Prof. Shobha K Sapthagiri College of Engineering, Bangalore.

- **Duration of the course**: Six days from 12th Sep 2022 to 17th Sep 2022.

Students attended the certification program. The course was successfully organized and carried out by Computer Science & Engineering department.

Speakers delivered talk and Hands on session on the following topics and the training program covered the following domains,

1. Basics of Java
2. Overview of Spring Framework
3. How simplify Application development in Spring
4. Overview of Hibernate Framework
5. Java ORM Frameworks

Principal

Sapthagiri College of Engineering

Chikkasandra, Hesaraghatta Road

Bangalore- 560 057

SAPTHAGIRI COLLEGE OF ENGINEERING

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi.)
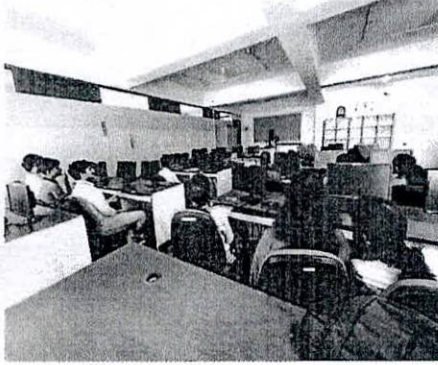
#14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru– **560 057.**

Web: www.sapthagiri.edu.in, Email: principal@sapthagiri.edu.in

Phone:080-28 372800/1/2   Fax: 080-28 372797

Department of Computer Science & Engineering

FEW SCREENSHOTS OF THE PROGRAM

Speaker Prof. Vanitha hands on session
On Basics of Java.

Speaker Prof. Madhushree delivering concepts on
Springs

Coordinator

HOD

Principal
Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road
Bangalore- 560 057

SAPTHAGIRI COLLEGE OF ENGINEERING
(Affiliated to VTU, Belagavi, Approved by AICTE New Delhi)
An ISO 9001-2015 &14001-2015 certified institute
Accredited by NAAC with 'A' Grade&Accredited by NBA
#14/5, Chikkasandra, Hesaraghatta main road, Bengaluru-57

SAPTHAGIRI
College of Engineering
Creating Tomorrow

SCE
IQAC
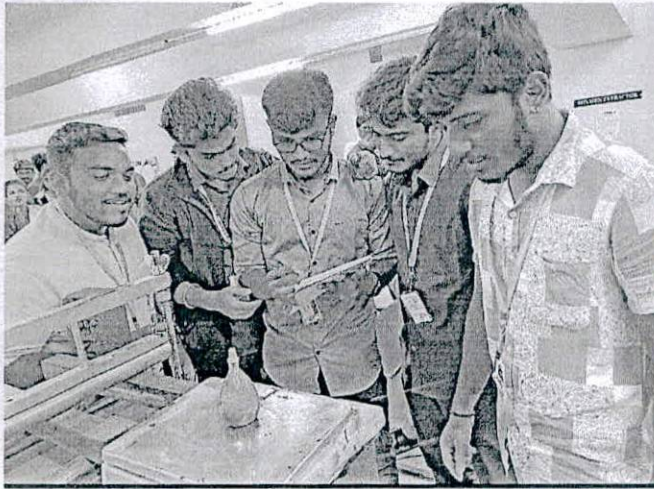
DEPARTMENT OF CIVIL ENGINEERING

Report on Certification Course

Type of Event/Activity	**Certification course**
Name/Title of the Event / Activity	**Basic Material and Construction**
Date of Conduction	**9.6.2023 to 28.8.2023**
Venue(with address)	Academic Block & Concrete Lab
Organized by	Department of Civil Engineering
Objectives of the event/activity	Introduction to basic materials and hands on session
Participants	33

Description:

The department organized a course on an introduction to basic materials and construction techniques with hands on training on basic materials. Tests on cement, aggregates and primary information about materials were thought in the course.. certificate has been issued on basis of attendance and performance in quiz.

Principal
Sapthagiri College of Engineering
14/5, Chikkasandra, Hesaraghatta Main Road
Bengaluru - 560 057

Photos :
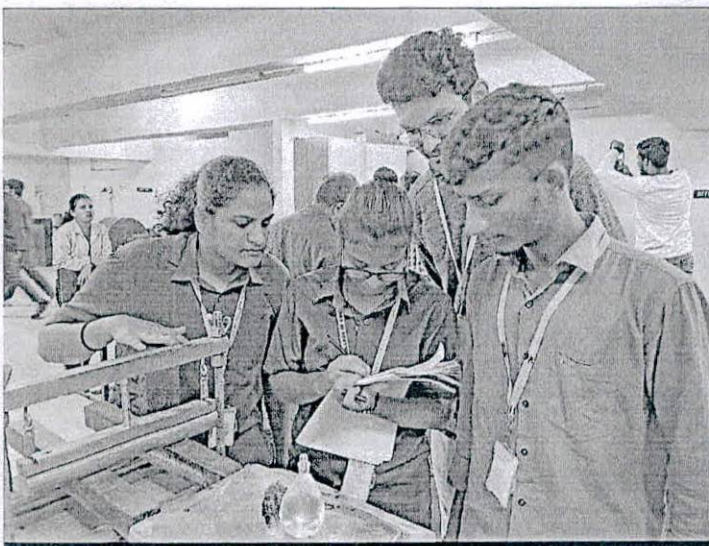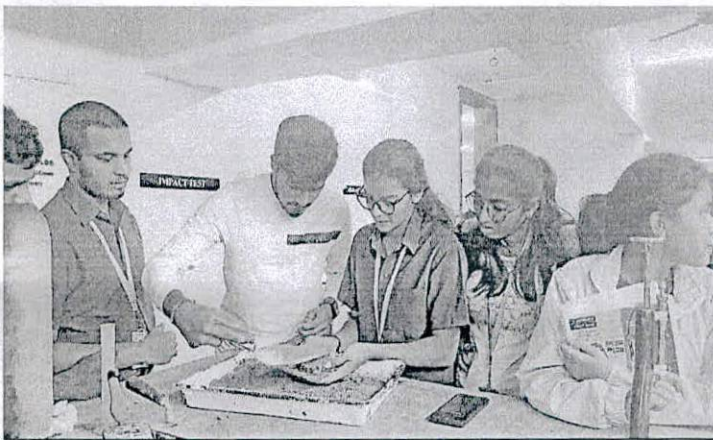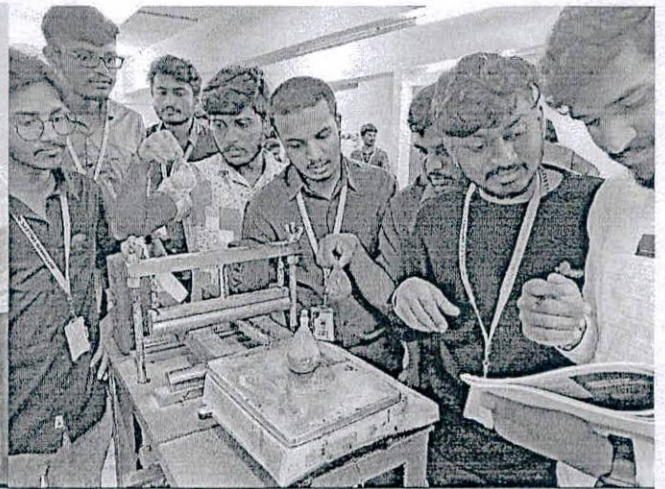
Students conducting tests on basic materials

SRI SRINIVASA EDUCATIONAL AND CHARITABLE TRUST®

# SAPTHAGIRI COLLEGE OF ENGINEERING

(Affiliated to Visvesvaraya Technological University, Belagavi and Approved by AICTE, New Delhi)

(Accredited by NAAC with "A" grade)

(An ISO 9001:2015 & ISO 14001:2015 Certified)

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

(Accredited by NBA)

SAPTHAGIRI
College of Engineering
Creating Tomorrow

Certification Course Report on Python coding with Application Projects and solutions

Department of ECE conducted Certificate Course on Python coding with Application Projects and solutions

- **Resource Person**:   Mr. Mohammed Azhar Hussain & Team
- **Duration of the course**: 6 days from 02.01.2023 to 07.01.2023
- **Objective of the Course:** The six days course is to make the students to be familiar with the major concepts in python programming which is a main platform for their career in software applications development. Certificate Course can be a vital step to improve the knowledge of students.

Course Report:

Date	Outcome of the course
02.01.2023	Students have been introduced to PYTHON as scripting language, Variables expressions and statements and PYTHON IDE installation
03.01.2023	Students understood Python data types Lists, Dictionaries, Tuples and Sequence, Iteration, Strings with hands on session
04.01.2023	Students have been introduced to Classes and objects, Classes and functions, Build own functions and built in.
05.01.2023	Students have been introduced to File handling and operations using PYTHON, Hands on session on classes and methods
06.01.2023	Students had a discussion on Case studies in image processing applications using PYTHON
07.01.2023	Importance of PYTHON in Career Perspective, Discussion on Project Ideas, Test

Principal
Sapthagiri College of Engineerin
14/5, Chikkasandra, Hesar   Main Road
           ru - 560 057
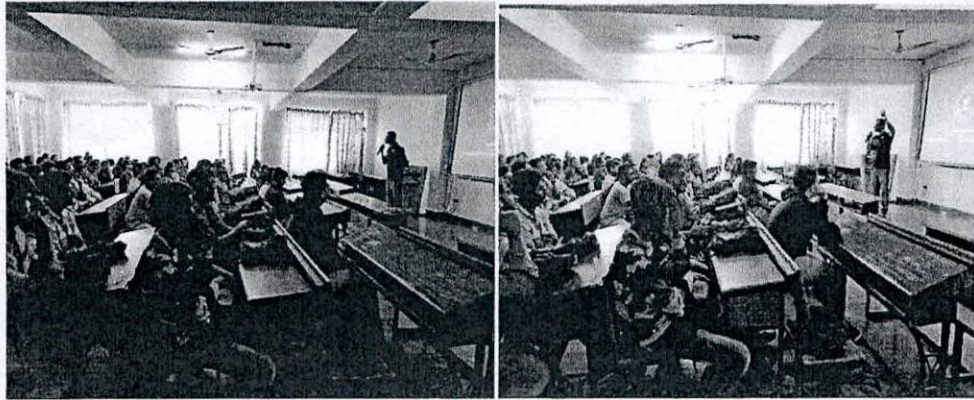
Students attending the course with Resource Person

Conclusion:

Certificate course made them comfortable with the concepts of Python coding in developing application Projects and solutions. Learning style adopted by students, which eventually is developed into a skill of their forte. Through this course, an ecstatic learning background paved way to a positive learning environment in the class where active participation was seen from every end. A sense of satisfaction was also seen from students. Faculty members were also equally benefited with the course. This Course helped the student to improve their knowledge in developing various engineering applications using Python.

Principal
Sapthagiri College of Engineering
14/5, Chikkasandra, Hesaraghatta Main Road
Bengaluru - 560 057

Co-ordinator

HOD

Certificate Course Report

Department of mechanical Engineering conducted Certificate Course on 3D printing.

Guest Speaker: Prof. Anil Kumar, Asst Professor, SCE Bengaluru

Duration of the course: five days from 06/10/2022 to 11/10/2022

Course detail

Objective of the Course: The five day course made the students to be familiar with the Auto CAD which is a main platform for their career. Certificate Course became the vital step to improve the knowledge of students

Certificate course made them comfortable with the Knowledge on engineering management.Learning style adopted by students, which eventually is developed into a skill of their forte. Through this course, an ecstatic learning background paved way to a positive learning environment in the class where active participation was seen from every end. Faculty took the onus of interacting with the students personally to navigate them for the academic transition by becoming the guides by their side.

Dates	SESSION 1 (9.00 am-12.00 pm)	SESSION 2 (1.00 pm- 4.00 pm)
06/10/2022 Thursday	Drafting and Drawing	2D Sketch Modeling
07/10/2022 Friday	2D Sketch Modeling	3D Modeling
08/10/2022 Saturday	Assembly drawing	Assembly drawing

Principal

Sapthagiri College of Engineering

14/5, Chikkasandra, Hesaraghatta Main Road

Bangaluru - 560 057

10/10/2022 Monday	Sheet Metal parts drawing	Sheet Metal parts drawing
11/10/2022 Tuesday	Advance Surface Modeling	Advance Surface Modeling

Conclusion: The optimistic learning environment prompted motivation in the learning of the students. They felt bonhomie after the course they took. A sense of satisfaction was also seen. Faculty members were also equally benefited with the course. They felt more expedient while delivering the lectures as the margin was erased between these students and others. A structured environment was created. This helped in the smooth flow of academic lesson plan by adhering to the timelines.

Principal
Sapthagiri College of Engineering
14/5, Chikkasandra, Hesaraghatta Main Road
Bengaluru - 560 057

Professor HOD
Department of Mechanical Engineering
Sapthagiri College of Engineering
Bengaluru - 560 057.

SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST (R)

SAPTHAGIRI COLLEGE OF ENGINEERING

(Affiliated to Visvesvaraya Technological University, Belgaum& Approved by AICTE-New Delhi)

(An ISO 9001:2015 and 14001:2015 certified institution)

14/5, Chikkasandra, Hesaraghatta Main Road, Bangalore-560057

Accredited by NAAC ' A' GRADE

Accredited by NBA

The center of innovation and placement cell

EY TRAINING REPORT

The center of innovation and placement cell organized a training program for pre-final year and final year students from 3-5-2023 to 16-5-2023. The training was based on data analytics and cloud computing. The training was inaugurated by Dr. Ramakrishna and the trainers of the training program. The training was organized for 11 days which includes technical skills in the areas **of Cloud Computing, Data Analytics, and Power Bi, along with employability skills.**

Inauguration of EY Training

The training topics includes Introduction to Cloud, Definition, Why Cloud Computing, Cloud Computing Basics, Types of Cloud, Types of Cloud Computing Services, Advantages of Using Cloud, Cloud Architecture, Cloud Computing Application, Market Trends of Cloud Computing. Cloud Terminology, Characteristics of Cloud Computing, OnPremise Vs. Cloud, Advantages. Different types of Cloud Computing Deployment Models, Cloud Services Delivery Models, Difference between IaaS, PaaS, SaaS. What is Microsoft Azure, Why Microsoft Azure, what can you do with Microsoft Azure, what is Azure Portal, what is Azure

SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST (R)

SAPTHAGIRI COLLEGE OF ENGINEERING

(Affiliated to Visvesvaraya Technological University, Belgaum& Approved by AICTE-New Delhi)

(An ISO 9001:2015 and 14001:2015 certified institution)

14/5, Chikkasandra, Hesaraghatta Main Road, Bangalore-560057

Accredited by NAAC ' A' GRADE

Accredited by NBA

Marketplace, Azure Command Line Tool, What is Azure Cloud Global Infrastructure, what is Microsoft Global WAN. Azure PowerShell Azure CLI, what is Azure CLI, Installation steps on Azure CLI on windows, Getting Started with Azure Cloud Platform. What is Azure Resource Manager, Azure Resource Manager Terminology, Benefits of Resource Manager, Scope at different levels of Azure, Create and Manage Resource group in Azure Regions, Concepts of Azure Active Directory , Insights into Azure Cloud Environment, Microsoft Azure Core Services- Compute.

Introduction to Virtual Machines, how virtualization works, Advantages and benefits of Virtual Machines, use case of Virtual Machines, Remote access RDP & SSH, Remote access using SSH, Creating your first Windows VM in Azure Cloud, Connect to Virtual Machine, Clean up resources, Creating your first Linux VM in Azure cloud, Connect to Virtual Machine, Availability options for Azure Virtual Machine, Create and Deploy Virtual Machines in availability set using Azure Portal. How Data Warehouse Works?, Types of Data Warehouse, Data Warehouse Architecture, Data Warehouse Components. Creating Azure Storage, Account (Blob Storage).

Basic SQL commands, SELECT ALL Statement, SELECT Single or Multiple Column, DISTINCT Statement, COUNT and COUNT(DISTINCT), WHERE Statement, AND Statement, OR Statement, NOT Statement, Update Statement, DELETE Statement, INSERT INTO Statement, Why Join Datasets (Overview), SQL Joins, SUM Function, AVG Function, Extreme Value Calculation and Sorting Data, Grouping and Filtering in Groups. Create and Setup Azure SQL Database, Azure SQL DB Firewall Settings, Installing the SQL Server Management Studio, Introduction to Data Analytics on Microsoft Azure Cloud.

What is ETL, ETL Process in Data Warehouse, ETL Tools, Create Data Factory in Azure, Create Pipeline in Azure Data Factory, Create linked Service for Blob Storage, Create Linked Service for SQL Database, Create COPY Activity and run the pipeline, Dealing with Multiple Datasets, Creating Tables for Multiple Datasets in SQL DB, Creating Linked Service for Multiple dataset in Blob, Creating linked service for multiple data load to SQL DB, COPY Activity for multiple dataset load to SQL DB, Upload movies dataset for ETL transformation, Create ADF Dataflow and Load Movies dataset, Apply Filter in ADF Data Flow, Average-Aggregation Function in ADF, Sink Transformed Dataset to Blob Storage.

Create EventHub Namespace and Events, Configure TelecoGenerator App, Create Azure Stream Analytics Job, Create Input Job, Create Output Job, Realtime Data Upload to Blob Storage. Import Dataset from Blob Storage, Import Dataset from SQL Database in Azure, Import Dataset from Excel File, Cards in Power BI, Bar Charts and Column Charts, Line and Area Charts, Line and Column Charts, Waterfall and Funnel Charts, Pie and Donut Chart, Tables in Power BI, Matrix Tables, Decomposition Tree. What is SAP", ERP systems, Evolution of SAP, SAP Layered Architecture, Getting access to SAP, Log in to SAP, SAP

SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST (R)
SAPTHAGIRI COLLEGE OF ENGINEERING
(Affiliated to Visvesvaraya Technological University, Belgaum& Approved by AICTE-New Delhi)
(An ISO 9001:2015 and 14001:2015 certified institution)
14/5, Chikkasandra, Hesaraghatta Main Road, Bangalore-560057
Accredited by NAAC ' A' GRADE
Accredited by NBA

Tables in Power BI, Matrix Tables, Decomposition Tree. What is SAP", ERP systems, Evolution of SAP, SAP Layered Architecture, Getting access to SAP, Log in to SAP, SAP

menu, transactions, and Navigations, SAP configuration, Material creation, and Customer creation, Order to Cash (OTC) process, Sales and distribution flow, SAP ERP tools, SAP ERP Architecture, Technical requirements of SAP HANA, SAP applications on SAP HANA, Introducing SAP business technology platform (BTP). All the 8 days of technical training, it is observed that the students are very much improved in the programming skills.

After 8 days the technical training, the employability skill training has conducted. There are 4 trainers exclusively for employability skill training. It is observed that the students of all the branches were improved in communication and employability skills. The training was very much effective with respect to all the aspects.

Valedictory function was arranged at the end day. The students were expressed their sincere gratitude through oral feedback. And the trainers expressed the talents of Sapthagiri students with respect to the activity conducted. In the valedictory function the benefit of conducting this program was briefly explained by Dr. H. Ramakrishna and also, he has given a special appreciation to trainers for made the students to a better status than earlier with respect to technical skill.

The Group HR and Head Ms. Suma Vishwanath was also appreciated the trainers and students for the excellent cooperation extended for 11 days. And also, she has given a special thanks to trainers for the excellent training and opportunities. It is also mentioned that the many more training activities will be conducted in future.

The training team was leading by Mr. Shashank Shekhar from Edunet foundation. The technical master trainers are Dr. Ashish Gupta , Mr.Eluri Narendra, Mr. Mayank Srivastav, Mr. Yogesh Raje, Mr. Guruprasad, Mr. Poovaraghavan and Mr. Mahesh Kurhe.

The employability training team was leading by Ms. Rashmi and the trainers are Ms. Alaisha, Mr. Ramesh and Ms. Archana.

All trainers expressed the happiness towards the hospitality provided by the college and also special appreciation has given to the placement coordinators and students for their excellent cooperation.

The program was concluded with the photo session of each branch and trainers. Some of the photographs included herewith.

Principal
Sapthagiri College of Engineering
14/5, Chikkasandra, Hesaraghatta Main Road
Bengaluru - 560 057

Glimpse of EY training program
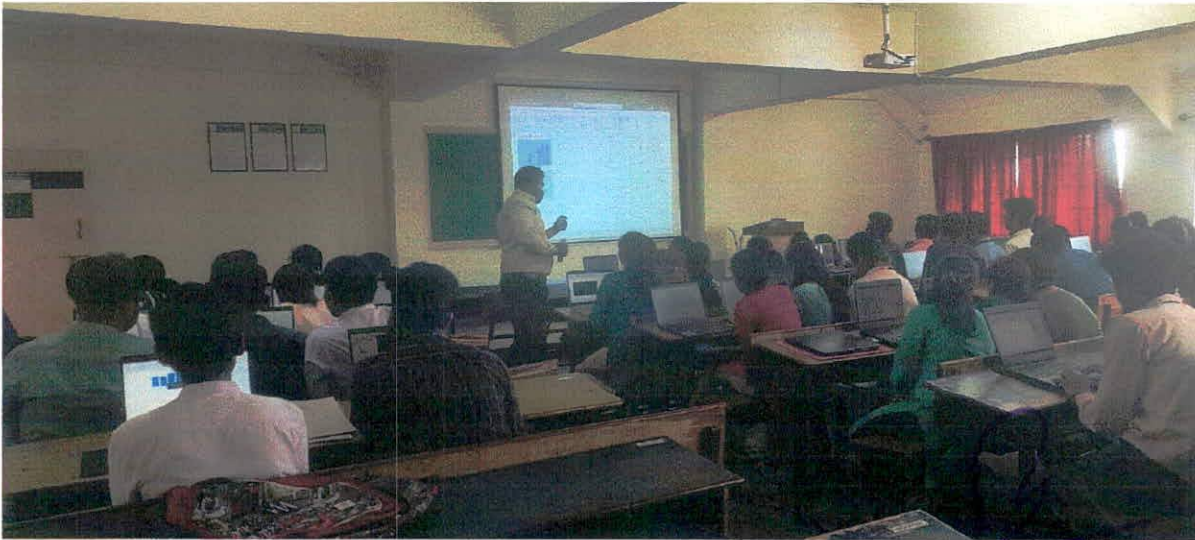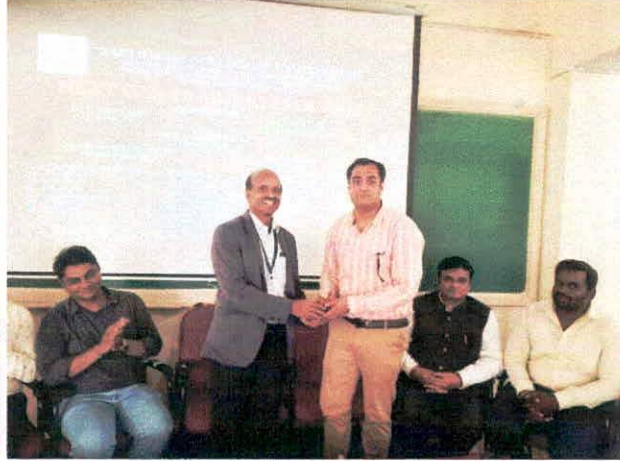
SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST (R)
SAPTHAGIRI COLLEGE OF ENGINEERING
(Affiliated to Visvesvaraya Technological University, Belgaum& Approved by AICTE-New Delhi)
(An ISO 9001:2015 and 14001:2015 certified institution)
14/5, Chikkasandra, Hesaraghatta Main Road, Bangalore-560057
Accredited by NAAC ' A' GRADE
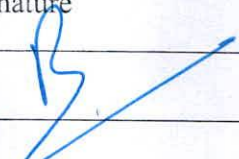### Accredited by NBA

Glimpse of EY training program

EY Trainers and Coordinators

Glimpse of Valedictory Function

Principal
Sapthagiri College of Engineering
14/5, Chikkasandra, Hesaraghatta Main Road
Bengaluru - 560 057

Employability Skills Trainers

Name	Role	Signature
Dr.H Ramakrishna	Principal	
Ms. Suma Vishwanath	Group HR and Head	
Dr. Rekha S N	Convener	

Principal
Sapthagiri College of Engineering
14/5, Chikkasandra, Hesaraghatta Main Road
Bengaluru - 560 057