

Sandip Institute of Technology and Research Centre

At & Po – Mahirawani, Trimbak Road, Tal & Dist .– Nashik

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(Approved by-AICTE, New Delhi, & Govt. of Maharashtra and Permanently Affiliated to Savitribai Phule Pune University (Formerly Pune University), Pune.

Accredited with “A” grade by NAAC With CGPA Score of 3.11

NBA Accredited for Computer & Mechanical Engineering(UG Course)

w.e.f. 2023-24 to 2025-26



SANDIP
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Activity Report

Of

Value Added Program on

Microsoft Power Platform PL 900

(22nd – 27th July 2024)

Organized by
Department of Computer Engineering
Sandip Institute of Technology and Research
Centre



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Department Of Computer Engineering



SANDIP
FOUNDATION



Notice

Date: 21/07/2024

All the students of BE and TE Computer Engineering are here by

Informed that our department is organizing 06 Days Value Added Program on Microsoft Power Platform PL 900 program on 22nd to 27th July 2024.

In the view of same all students are instructed that attendance is compulsory for the same.

Venue: SITRC (Computer Engineering Seminar Hall, C Building)

Time:10.30 AM

Prof. (Dr.) Ankita.V.Karale

Head

Department of Computer Engineering
Sandip Institute of Technology and
Research Centre,
Mahiravani, Nashik-422 213



Certification Training on
MICROSOFT POWER PLATFORM
PL 900

 22th- 26th July, 2024

 10:00AM Onwards

Venue-

SITRC, Computer Engineering
Department Seminar Hall

Coordinator-

Prof. Aashish Jagneet



MS. SHITAL GOSAVI

Associate Power Platform
Developer

 **+91 9834181849**

Title: Value Added Program on “**Microsoft Power Platform PL 900**”

Date: 22nd - 27th July 2024 .

Event Conduction Duration: 30 Hours.

Venue: Computer Engg. Department, SITRC (Seminar Hall C Building)

Resource Person Details: Ms. Shital Gosavi

(Associate Power Platform Developer Authorized Learning Partner: Microsoft)

Name of Event Coordinator: Prof. Aashish Jagneet

Event Objectives & Outcomes

The **Microsoft Power Platform PL 900** Program aims to achieve several key objectives:

- Describe the business value of Microsoft Power Platform
- Identify foundational components of Microsoft Power Platform
- Demonstrate the capabilities of Power BI
- Demonstrate the capabilities of Power Apps
- Demonstrate the capabilities of Power Automate
- Describe complementary Microsoft Power Platform solutions

Outcomes of Activity:

Students got the tactics related to:

Describe the business value of Microsoft Power Platform services

1. Describe the value of Power Apps to build applications
2. Describe the value of Power Automate to automate processes
3. Describe the value of Power BI to gain insights into data
4. Describe the value of Power Pages to build websites

Describe the business value of extending business solutions by using Microsoft Power Platform

1. Describe how Microsoft Power Platform apps work together with Microsoft Dynamics 365 apps
2. Describe how Microsoft Power Platform business solutions work together with Microsoft 365 apps and services
3. Describe how Microsoft Power Platform apps work together

4. Describe how Microsoft Power Platform works with Microsoft Teams

Describe Microsoft Dataverse

1. Describe differences between traditional databases and Microsoft Dataverse
2. Describe tables, columns, and relationships in Microsoft Dataverse
3. Describe business logic in Microsoft Dataverse
4. Describe dataflows for Microsoft Dataverse

Describe connectors

5. Describe the components of a connector
6. Describe standard and premium connectors
7. Identify use cases for custom connectors

Demonstrate the capabilities of Power Apps (20–25%)

Identify basic Power Apps capabilities

1. Describe the differences between canvas apps and model-driven apps
2. Describe use cases for and capabilities of canvas apps
3. Describe use cases for and capabilities of model-driven apps

Build a basic canvas app

1. Connect to data sources by using connectors
2. Create an app from data
3. Add controls to canvas app screens

Build a basic model-driven app

1. Create a model-driven app from tables
2. Modify forms
3. Create and modify views

Description of Event:

The Value Added Program on “**Microsoft Power Platform PL 900**” was organized by Computer Engineering Department, Sandip Institute of Technology and Research Center on the Date: 22nd - 27th July 2024.

The Program was started with welcome & felicitation of Ms. Shital Gosavi Associate Power Platform Developer Authorized Learning Partner: Microsoft. In presence of Head of the department Prof. (Dr.) Ankita V. Karale, faculty members and students.

The Experts guided students about the requirements of the market. Experts also explained students about various Encourage the development of digital literacy and essential tech skills among students and young professionals.

Expert also explain certification objectives for the Microsoft Power Platform Fundamentals (PL-900). Candidates for this exam are users who aspire to improve productivity by automating business processes, analyzing data to produce business insights, and acting more effectively by creating simple app experiences.

The Program was attended by 150 students from Computer Engineering Department.



A handwritten signature in blue ink that reads "Aashish Jagneet".

Prof. Aashish Jagneet
Event Coordinator

A handwritten signature in blue ink that reads "Ankita Karale".

Prof. (Dr.) Ankita Karale
HOD

A handwritten signature in blue ink that reads "Amol Potgantwar".

Prof.(Dr.) Amol Potgantwar
Principal

Event photos:



Photo: Welcome & felicitation of expert Ms. Shital Gosavi

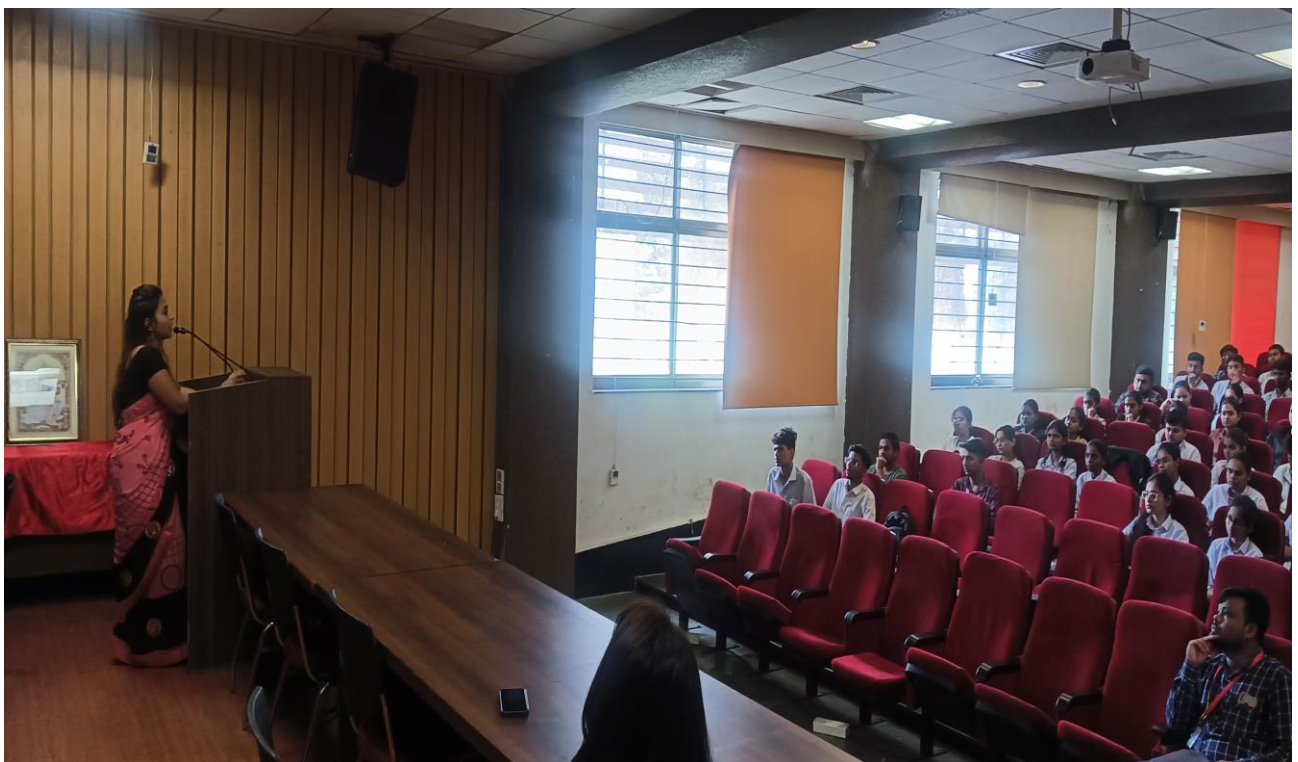


Photo: Dr. Ankita Karale addressing the students



Photo: Prof. Aashish Jagneet gives the Information of program.



Photo: Expert gives the session



Photo: Students and Staff attending the program.



Photo: Students attending the program.



Photo: Students attending the program



नाशिक, महाराष्ट्र, India
z, महाराष्ट्र 422213, India
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26/07/24 11:43 AM GMT +05:30



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Study guide for Exam PL-900: Microsoft Power Platform Fundamentals

Skills measured as of March 24, 2023

Audience profile

Candidates for this exam aspire to understand how Microsoft Power Platform technologies can be used to improve processes and help drive business outcomes. The exam is intended for candidates seeking to start their journey building solutions with Microsoft Power Platform.

This exam can be used to prepare for role-based or specialty certifications, but it is not a prerequisite for any of them.

- Describe the business value of Microsoft Power Platform (20–25%)
- Identify foundational components of Microsoft Power Platform (10–15%)
- Demonstrate the capabilities of Power BI (10–15%)
- Demonstrate the capabilities of Power Apps (20–25%)
- Demonstrate the capabilities of Power Automate (15–20%)
- Describe complementary Microsoft Power Platform solutions (15–20%)

Describe the business value of Microsoft Power Platform (20–25%)

Describe the business value of Microsoft Power Platform services

- Describe the value of Power Apps to build applications
- Describe the value of Power Automate to automate processes
- Describe the value of Power BI to gain insights into data
- Describe the value of Power Pages to build websites

- Describe the value of Power Virtual Agents to create chatbots
- Describe the value of connectors to integrate services and data
- Describe the value of Microsoft Dataverse to organize business data
- Describe the value of AI Builder to enhance apps and flows

Describe the business value of extending business solutions by using Microsoft Power Platform

- Describe how Microsoft Power Platform apps work together with Microsoft Dynamics 365 apps
- Describe how Microsoft Power Platform business solutions work together with Microsoft 365 apps and services
- Describe how Microsoft Power Platform apps work together
- Describe how Microsoft Power Platform works with Microsoft Teams
- Describe how Microsoft Power Platform business solutions can consume Microsoft Azure services

Describe Microsoft Power Platform administration and governance

- Describe the Microsoft Power Platform security model
- Describe environments
- Describe where to perform specific administrative tasks including Microsoft Power Platform admin center and Microsoft 365 admin center
- Describe how Microsoft Power Platform supports privacy and accessibility guidelines

Identify foundational components of Microsoft Power Platform (10–15%)

Describe Microsoft Dataverse

- Describe differences between traditional databases and Microsoft Dataverse
- Describe tables, columns, and relationships in Microsoft Dataverse
- Describe business logic in Microsoft Dataverse
- Describe dataflows for Microsoft Dataverse

Describe connectors

- Describe the components of a connector
- Describe standard and premium connectors
- Identify use cases for custom connectors

Demonstrate the capabilities of Power BI (10–15%)

Identify basic Power BI components

- Describe Power BI Desktop and Power BI Service
- Compare and contrast dashboards, workspaces, reports, and paginated reports
- Describe how to clean and transform data by using Power Query

- Describe how AI Insights helps identify anomalies and trends in data

Build a basic dashboard by using Power BI

- Create a Power BI report by adding visualizations
- Create a Power BI dashboard
- Add visualizations to dashboards by using Q&A
- Consume Power BI reports and dashboards

Demonstrate the capabilities of Power Apps (20–25%)

Identify basic Power Apps capabilities

- Describe the differences between canvas apps and model-driven apps
- Describe use cases for and capabilities of canvas apps
- Describe use cases for and capabilities of model-driven apps

Build a basic canvas app

- Connect to data sources by using connectors
- Create an app from data
- Add controls to canvas app screens

Build a basic model-driven app

- Create a model-driven app from tables
- Modify forms
- Create and modify views

Demonstrate the capabilities of Power Automate (15–20%)

Identify basic Power Automate components

- Describe use cases for cloud and desktop flows
- Describe use cases for cloud flow templates
- Describe how Power Automate cloud flows use connector triggers and actions
- Describe Power Automate use cases for approvals, Microsoft Teams, Outlook, SharePoint, and Forms
- Describe the Power Automate apps including Power Automate for Desktop, Power Automate mobile, and the Power Automate portal
- Describe actions for Power Automate desktop flows
- Describe document processing in Power Automate

Build a basic Power Automate flow

- Create a cloud flow by using an instant, automated, or scheduled flow template
- Modify a cloud flow
- Add flow steps to perform data operations