Ambekeshwar Group of Institutions



Technology & Management, Lucknow

**Session: 2024-25**

Practical File

# **Branch:- CSE 3rd Year | 5th Sem**

**Sub: Computer Programming Using Python**

# **Name:- Suraj Arya**

# **Date:- 29/Jan/2025**

Name Signature

Subject Teacher Mr. Ankit Pandey …………………………

Class Co-Ordinator Miss. Richa Mishra ……………………..…

Academic Co-Ordinator Mr. Ashish Mishra …………………………

INDEX

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S. no.** | **Name of Exp.** | **Date** | **Subject**  **Teacher**  **Sign** | **Academic**  **Co-Ordinator**  **Sign** |
| 1. | Getting Started with Python and IDLE in Interactive and Batch Modes | 23/Sep/2024 |  |  |
| 2. | Understanding String Methods in Python | 30/Sep/2024 |  |  |
| 3. | Program to Determine if a Number is Prime | 07/Oct/2024 |  |  |
| 4. | Find All Numbers which are Multiples of 17, but Not the Multiples of 5, Between 2000 and 2500 | 14/Oct/2024 |  |  |
| 5. | Swap Two Integer Numbers Using a Temporary Variable and Tuple Assignment | 04/Nov/2024 |  |  |
| 6. | Python and IDLE: Interactive, Batch Modes, and Finding Largest of N Numbers. | 11/Nov/2024 |  |  |
| 7. | Write a Function myReverse() to Reverse a String. | 18/Nov/2024 |  |  |
| 8. | Check if a Given String is a Palindrome | 23/Nov/2024 |  |  |

Ambekeshwar Group of Institutions



Technology & Management, Lucknow

**Session: 2024-25**

Practical File

# **Branch:- CSE 3rd Year | 5th Sem**

**Subject:- Web Development Using PHP**

# **Name:- Suraj Arya**

# **Date:- 28/Jan/2025**

Name Signature

Subject Teacher Miss. Fiza Hussain …………………………

Class Co-Ordinator Miss. Richa Mishra ……………………..…

Academic Co-Ordinator Mr. Ashish Mishra …………………………

INDEX

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S. no.** | **Name of Exp.** | **Date** | **Subject**  **Teacher**  **Sign** | **Academic**  **Co-Ordinator**  **Sign** |
| 1. | Create Web forms and pages that properly use HTTP GET and POST protocol as appropriate. | 23/Sep/2024 |  |  |
| 2. | Create PHP code that utilizes the commonly used API library functions built in to PHP | 30/Sep/2024 |  |  |
| 3. | Creation of a Basic Blogging Website on WordPress | 07/Oct/2024 |  |  |
| 4. | Design Website using WordPress | 21/Oct/2024 |  |  |
| 5. | Designing Web Pages using PHP, CSS, XHTML, Syntax, and Structure | 4/Nov/2024 |  |  |

Ambekeshwar Group of Institutions



Technology & Management, Lucknow

**Session: 2024-25**

Practical File

# **Branch:- CSE 3rd Year | 5th Sem**

**Subject:- Internet of Things**

# **Name:- Suraj Arya**

# **Date:- 28/Jan/2025**

Name Signature

Subject Teacher Miss. Fiza Hussain …………………………

Class Co-Ordinator Miss. Richa Mishra ……………………..…

Academic Co-Ordinator Mr. Ashish Mishra …………………………

INDEX

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S. no.** | **Name of Exp.** | **Date** | **Subject**  **Teacher**  **Sign** | **Academic**  **Co-Ordinator**  **Sign** |
| 1. | Installation of Arduino IDE. | 28/Sep/2024 |  |  |
| 2. | Interfacing Light Emitting Diode (LED) - Blinking LED. | 12/Oct/2024 |  |  |
| 3. | Interfacing button and led: led blinking when button is pressed. | 19/Oct/2024 |  |  |
| 4. | Interfacing Light Dependent Resister (LDR) and LED displaying automatic light lamp. | 27/Oct/2024 |  |  |
| 5. | Interfacing Temperature Sensor (LM35). | 09/Nov/2024 |  |  |
| 6. | Interfacing humidity sensor (DHT11) with Arduino. | 16/Nov/2024 |  |  |
| 7. | Interfacing Air Quality Sensor pollution (MQ-135)-display data on led, switch on led when data sensed higher than specified value. | 23/Nov/2024 |  |  |

Ambekeshwar Group of Institutions



Technology & Management, Lucknow

**Session: 2024-25**

Practical File

# **Branch:- CSE 3rd Year | 5th Sem**

**Sub: Computer Architecture & Hardware Maintenance**

# **Name:- Suraj Arya**

# **Date:- 29/Jan/2025**

Name Signature

Subject Teacher Miss. Richa Mishra …………………………

Class Co-Ordinator Miss. Richa Mishra ……………………..…

Academic Co-Ordinator Mr. Ashish Mishra …………………………

INDEX

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S. no.** | **Name of Exp.** | **Date** | **Subject**  **Teacher**  **Sign** | **Academic**  **Co-Ordinator**  **Sign** |
| 1. | To Identify and study the different parts of Multifunction Input/output controllers. | 28/Sep/2024 |  |  |
| 2. | To Identify and study the different parts of Assembly of PC. | 12/Oct/2024 |  |  |
| 3. | To Troubleshoot & repair of Digital Plotter. | 19/Oct/2024 |  |  |
| 4. | To Troubleshoot Network | 27/Oct/2024 |  |  |
| 5. | To Troubleshoot Power Supplies. | 09/Nov/2024 |  |  |

Ambekeshwar Group of Institutions



Technology & Management, Lucknow

**Session: 2024-25**

Practical File

# **Branch:- CSE 3rd Year | 5th Sem**

**Subject:- Software Engineering**

# **Name:- Suraj Arya**

# **Date:- 28/Jan/2025**

Name Signature

Subject Teacher Miss. Richa Mishra …………………………

Class Co-Ordinator Miss. Richa Mishra ……………………..…

Academic Co-Ordinator Mr. Ashish Mishra …………………………

INDEX

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S. no.** | **Name of Exp.** | **Date** | **Subject**  **Teacher**  **Sign** | **Academic**  **Co-Ordinator**  **Sign** |
| 1. | Use testing tool such as J-Meter, Canoo Web Test | 23/Sep/2024 |  |  |
| 2. | To develop a class diagram | 07/Oct/2024 |  |  |
| 3. | Develop DFD Model (level 0 and level 1 DFD) of the problem | 21/Oct/2024 |  |  |
| 4. | Use Gantt Chart/Project as a Project management Tool. | 04/Nov/2024 |  |  |
| 5. | To develop sequence diagram pf given problem. | 11/Nov/2024 |  |  |
| 6. | Bugs: Report of ATM System | 18/Nov/2024 |  |  |