# Savitribai Phule Pune University

### Circular No. 92 of 2023
#### Dates of Commencement and Conclusion of the Academic Year 2023-24
#### for Affiliated Colleges and Institutes.

It is hereby informed that, the dates of commencement and conclusion of the First and Second term of Courses, under the faculty of **Science & Technology**, for the academic year 2023-24 shall be as under:

#### Term – I

| Sr. No. | Course, Programme, Year | Commencement | Conclusion | Tentative Commencement Exam | Vacation | |
|---|---|---|---|---|---|---|
| | | | | | From | To |
| 1 | Science | 20/06/2023 | 31/10/2023 | 01/11/2023 | 01/11/2023 | 21/11/2023 |
| 2 | B.E.: II | 10/08/2023 | 04/12/2023 | 06/12/2023 | 07/12/2023 | 25/12/2023 |
| 3 | B.E.: III IV | 10/07/2023 | 04/11/2023 | 07/11/2023 | 11/11/2023 | 02/12/2023 |
| 4 | M.E.: II | 10/08/2023 | 04/12/2023 | 06/12/2023 | 07/12/2023 | 25/12/2023 |
| 5 | B.Arch.: II | 14/08/2023 | 04/12/2023 | 05/12/2023 | 05/12/2023 | 18/12/2023 |
| 6 | B.Arch.: III IV V | 12/07/2023 | 04/11/2023 | 28/11/2023 | 20/11/2023 | 10/12/2023 |
| 7 | M.Arch.:II | 04/09/2023 | 06/01/2024 | 08/01/2024 | 08/01/2024 | 22/01/2024 |
| 8 | B. Pharm: II | 04/09/2023 | 30/12/2023 | 05/01/2024 | 17/01/2024 | 06/02/2024 |
| 9 | B.Pharm:III,IV | 12/07/2023 | 04/11/2023 | 28/11/2023 | 20/11/2023 | 10/12/2023 |
| 10 | M. Pharm: II | 04/09/2023 | 30/12/2023 | 05/01/2024 | 17/01/2024 | 06/02/2024 |
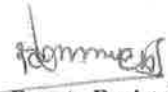
#### Term – II

| Sr. No. | Course, Programme, Year | Commencement | Conclusion | Tentative Commencement Exam | Vacation | |
|---|---|---|---|---|---|---|
| | | | | | From | To |
| 1 | Science | 22/11/2023 | 30/04/2024 | 01/05/2024 | 02/05/2024 | 15/06/2024 |
| 2 | B.E.: II | 01/01/2024 | 30/04/2024 | 06/05/2024 | 04/05/2024 | 11/06/2024 |
| 3 | B.E.: III IV | 11/12/2023 | 30/04/2024 | 06/05/2024 | 04/05/2024 | 11/06/2024 |
| 4 | M.E.: II | 01/01/2024 | 30/04/2024 | 06/05/2024 | 04/05/2024 | 11/06/2024 |
| 5 | B.Arch.: II | 26/12/2023 | 27/04/2024 | 29/04/2024 | 06/05/2024 | 16/06/2024 |
| 6 | B.Arch.: III IV V | 26/12/2023 | 04/05/2024 | 13/05/2024 | 16/05/2024 | 23/06/2024 |
| 7 | M.Arch.:II | 23/01/2024 | 20/05/2024 | 23/05/2024 | 24/05/2024 | 30/06/2024 |
| 8 | B. Pharm: II | 15/01/2024 | 30/05/2024 | 05/06/2024 | 01/06/2024 | 15/07/2024 |
| 9 | B.Pharm:III,IV | 26/12/2023 | 04/05/2024 | 13/05/2024 | 16/05/2024 | 23/06/2024 |
| 10 | M. Pharm: II | 07/02/2024 | 05/06/2024 | 10/06/2024 | 06/06/2024 | 15/07/2024 |

**NOTE :**

1. The dates of commencement and conclusion of the all those courses whose admission is made under Common Entrance Test (CET) conducted by Government of Maharashtra / Savitribai Phule Pune University will be declared separately.
2. In case, the Head of the college requires to give additional holidays in exceptional circumstances, he/she may do so by compensating the same by keeping the college working on holidays.

**Deputy Registrar**
**(P.G.Admission)**

Ref. No. PGS/2453
Date: 30/05/2023

SHRI SOMESHWAR SHIKSHAN PRASARAK MANDAL'S
**SHARADCHANDRA PAWAR CLLEGE OF ENGINEERING AND
TECHNOLOGY, SOMESHWARNAGAR**

Record No.:- ACD/R/01

Revision:- 00

Date:-05/12/2023

**A.Y.:- 2023-2024**      ACADEMIC CALENDER      Semester:-II

| Week No. | Month | MON | TUE | WED | THU | FRI | SAT | SUN | No of Working Days | Events |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | DEC | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 5 | Commencement of Teaching Sem II on 11 Dec.23 TE and BE |
| 2 | | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 6 | Course File Checking on 23th Dec |
| | | 26 | 27 | 28 | 29 | 30 | 31 | | 5 | Display 1st week attendance on 30 Dec |
| 3 | JAN | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 5 | 3 January Savitribai Phule Jayanti celebration |
| 4 | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 6 | Commencement of teaching for FE and SE 8 January 2024 |
| 5 | | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 5 | Routine academic work |
| 6 | | 22 | 23 | 24 | 25 | | 27 | 28 | 5 | 26 January Republic day celebration |
| | | 29 | 30 | 31 | | | | | 3 | Internal feedback, Departmental parent meets |
| 7 | FEB | | | | 1 | 2 | 3 | 4 | 2 | 29 Jan to 4 Feb NSS Camp |
| 8 | | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 6 | Sharad Somotsva 5-10 february |
| 9 | | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 5 | Unit test FE/SE/TE/BE 12-16 Feb |
| 10 | | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 5 | Ins sem exam SE/ TE /BE 20-24 Feb.2024 (Tentative) |
| | | 26 | 27 | 28 | 29 | | | | 4 | 27 Feb Marathi day .Science Day Celebration on 28th Feb. Result analysi of Unit Test |
| 11 | MARCH | | | | 1 | 2 | 3 | | 1 | 1 March world book day |
| 12 | | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 5 | In Sem exam FE 4-9 March (Tentative)International womens day celebration 9 March |
| 13 | | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 5 | Faculty development programme |
| 14 | | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 6 | Routine academic work |
| 15 | | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 4 | Institute Parent meet |
| 16 | APRIL | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 5 | Routine academic work |
| 17 | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 4 | Technothon 2024 |
| 18 | | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 4 | Defaulter list of SE, TE and BE 20 April |
| | | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 6 | Counseling of Detained student's parents on 22th April Conclusion of the term SE/TE/BE and Submission and term work completion 30 April |
| | | 29 | 30 | | | | | | 2 | |
| 19 | MAY | | | 1 | 2 | 3 | 4 | 5 | 4 | Conclusion of the term for FE 5 May 2024 Tentative commencement of the OR/PR exam 6/5/2024 |
| No. of Week Days | | 21 | 21 | 20 | 20 | 20 | 20 | | 108 | |

**HOLIDAYS**

25 Dec Chrismas
26/01 Republic Day
19/02 Chhatrapati Shivaji Maharaj Jayanti
8 March Mahashivratri
25 March Holi
29 March Good Friday
9 April Gudhi Padva
11 April Ramzan Eid
14 April Dr. Babasaheb Jayanti
17 April Ramnavami
21 April Mahaveer Jayanti

**NOTE:-**
Display of students attendance will be at the end of every Month
Principal Meet will be conduct as and when required.
HoDs will address the students of department once in a month
Industrial visit, guest lectures, expert lectures will be conducted on department level.
HOD Meet will be conduct as and when required
GFM Meet will be conducted once in a week.
Continuous assessment of assignment/ experiments /project/seminar by respective Guide/Subject teacher once in month.
Students feedback for syllabus coverage will be taken after every fifteen days.
Industrial visits Gusest lectures and other activities should be preferably conducted on working Saturday.
Probable date exam. form filling will stat from 15 Feb. 2024

Academic Coordinator

Principal

PRINCIPAL
SHARADCHANDRA PAWAR COLLEGE OF ENGINEERING & TECHNOLOGY

| | | SHRI SOMESHWAR SHIKSHAN PRASARAK MANDAL'S | | | | | | | Record No.:- ACD/R/01 |
| | | **SHARADCHANDRA PAWAR CLLEGE OFENGINEERING AND TECHNOLOGY, SOMESHWARNAGAR** | | | | | | | Revision:- 00 |
| | | | | | | | | | Date:-05/12/2023 |

**DEPAERTMENT OF COMPUTER ENGINEEING**
**DEPARTMENTAL ACADEMIC CALENDER**

A.Y.:-2023-2024    Semester:-II

| Week No. | Month | Week Days | | | | | | | No. of Working Days | Events |
|---|---|---|---|---|---|---|---|---|---|---|
| | | MON | TUE | WED | THU | FRI | SAT | SUN | | |
| 1 | DEC | 11 | 12 | 13 | 14 | 15 | | | 5 | TE, BE Commencement of Teaching -11Dec 2023 |
| 2 | | 18 | 19 | 20 | 21 | 22 | 23 | | 6 | Attendance monitoring & Phone Calls - 28Dec 2023 |
| | | | 26 | 27 | 28 | 29 | 30 | | 5 | Course File Checking |
| 3 | JAN | 1 | 2 | 3 | 4 | 5 | | | 5 | Commencement of teaching for SE- 8 January 2024 |
| 4 | | 8 | 9 | 10 | 11 | 12 | 13 | | 6 | Workshop for SE on 18 &19 Jan 2024 |
| 5 | | 15 | 16 | 17 | 18 | 19 | | | 5 | Industrial Visit for TE & BE - Jan 2024 |
| 6 | | 22 | 23 | 24 | 25 | | 27 | | 5 | Guest Lecture for TE & BE on 23 Jan 2024 |
| | | 29 | 30 | 31 | | | | | 3 | Internal Feedback. |
| 7 | FEB | | | | 1 | 2 | | | 2 | 1 Month Attendance monitoring SE,TE & BE |
| 8 | | 5 | 6 | 7 | 8 | 9 | 10 | | 6 | |
| 9 | | 12 | 13 | 14 | 15 | 16 | | | 5 | Unit Test 1 For SE, T.E & B.E on 12th feb to 16th feb |
| 10 | | | 20 | 21 | 22 | 23 | 24 | | 5 | Tentative dates of SPPU In-Sem for SE, T.E ,B.E 20-24 Feb .2024(Tentative) |
| | | 26 | 27 | 28 | 29 | | | | 4 | Internal Feedback |
| 11 | MARCH | | | | | 1 | | | 1 | 1 Month Attendance monitoring SE,TE & BE |
| 12 | | 4 | 5 | 6 | 7 | | 9 | | 5 | Workshop for TE & BE on DSBDA 11 March 2024 |
| 13 | | 11 | 12 | 13 | 14 | 15 | | | 5 | Guest Lecture for SE on 19 Jan 2024 |
| 14 | | 18 | 19 | 20 | 21 | 22 | 23 | | 6 | Industrial Visit for SE -16 MARCH 2024 |
| 15 | | | 26 | 27 | 28 | | 30 | | 4 | |
| 16 | APRIL | 1 | 2 | 3 | 4 | 5 | 6 | | 6 | 1 Month Attendance monitoring SE,TE & BE |
| 17 | | 8 | | 10 | | 12 | 13 | | 3 | Term Submission of T.E and B.E |
| 18 | | 15 | 16 | | 18 | 19 | 20 | | 5 | Internal Mock oral, Practical exam |
| | | 22 | 23 | 24 | 25 | 26 | 27 | | 6 | Final Defaulter list |
| | | 29 | 30 | | | | | | | Conclusion of Teaching for SE,TE & BE - 30 April. |
| 19 | MAY | | | 1 | 2 | 3 | 4 | | 2 | SPPU Theory Examination for SE,TE & BE 6 May 2024.( Tentative) |
| No. of Week Days | | 21 | 21 | 20 | 20 | 20 | 20 | | 105 | |

**HOLIDAYS**

| | |
|---|---|
| 25 Dec Chrismas | |
| 26/01 Republic Day | |
| 19/02 Chhatrapati Shivaji Maharaj Jayanti | |
| 8 March Mahashivratri | |
| 25 March Holi | |
| 29 March Good Friday | |
| 9 April Gudhi Padva | |
| 11 April Ramzan Eid | |
| 14 April Dr. Babasaheb Jayanti | |
| 17 April Ramnavami | |
| 21 April Mahaveer Jayanti | |

**NOTE:-**

Principal Meet will be conduct as and when required
HoDs will address the students of department once in a month
Industrial visit, guest lectures, expert lectures will be conducted on department level.
HOD Meet will be conduct as and when required
GFM Meet will be conducted once in a week.
Continuous assessment of assignment/ experiments /project/seminar by respective Guide/Subject teacher once in month.

**Academic Coordinator**         **HOD**         **Principal** L

SOMESHWAR SHIKSHAN PRASARAK MANDAL'S

**Sharadchandra Pawar College of Engineering and Technology Someshwarnagar**

Record No:-ACD/R/03
Revision:-
Date:-

## TIME TABLE

Department : Computer

Class: TE

Semester: II

Academic Year: 2022-23

W.E.F.: 12/12/2023

| Day/Time | 9:00-10:00 | 10:00-11:00 | 11.00-11:45 | 11:45-12:45 | 12:45-1:45 | 1:45-2:00 | 2.00-3.00 | 3.00-4.00 |
|---|---|---|---|---|---|---|---|---|
| MONDAY | B1-DSBDA/B2-SMA/B3-AI/B4-WT | | LUNCH BREAK | AI | SMA | SHORT BREAK | B1-SMA/B2-DSBDA/B3-DSBDA | |
| TUESDAY | B1-WT/B2-DSBDA/B3-SMA/B4-AI | | | WT | AI | | SMA | DSBDA |
| WEDNESDAY | B1-AI/B2-WT/B3-DSBDA/B4-SMA | | | AI | SMA | | DSBDA | LIBRARY |
| THURSDAY | WT | DSBDA | | WT | SMA | | B1-DSBDA/B4-DSBDA | |
| FRIDAY | WT | AI | | SMA | DSBDA | | B2-AI/B3-WT/B4-DSBDA | |
| SATURDAY | INTRENSHIP | | | | | | | |

| Choice Code | Subject Name | Faculty Name | TH/PR | Location | Batch | Roll NO. |
|---|---|---|---|---|---|---|
| 310251 | Data Science & Bigdata Analytics | Prof. Shendkar.N.S | TH | B-213 | B1 | CO-301 to CO-316 |
| 310252 | Web Technology | Prof. Ghadge.S.V | TH | B-213 | B2 | CO-317 to CO-332 |
| 310253 | Artifical Intelligence | Prof.Shah.S.N | TH | B-213 | B3 | CO-333 to CO-348 |
| 310254 | Software Modelling & Architectures | Prof. Kokare.S.A | TH | B-213 | B4 | CO-349 to CO-363 |
| 310255 | INTRENSHIP | Prof.Shah.S.N | | BCL | | |
| 310256 | Data Science & Bigdata Analytics Lab | Prof. Shendkar.N.S | TW-PR | BDP&CC Lab | | |
| 310257 | Web Technology Lab | Prof. Ghadge S.V | TW-OR | MP Lab | | |
| 310258 | LAB-II(AI & SMA) | Prof.Bhalarao.A.B/ Prof.Kokare.S.A | TW-PR | ES&IOT Lab/ Programming Lab | | |

Prof. Ghadge.S.V
Timetable Incharge

Prof.Shah S.N
Head of Department

Dr.Deokar.S.A
Principal
Sharadchandra Pawar College
Someshwarnagar, Tal.

SHRI SOMESHWAR SHIKSHAN PRASARAK MANDAL'S

# SOMESHWAR ENGINEERING COLLEGE, SOMESHWARNAGAR

Record No:-

Revision:-

Date:-

Academic Year: 2022-23

## INDIVIDUAL TIME TABLE

**Department: Computer Engineering**

**Class :TE**

Name of the lab:BDP AND CC LAB

**Staff Name: Prof. Shendkar N.S**

| Day/Time | 9:00-10:00 | 10:00-11:00 | 11.00-11:45 | 11:45-12:45 | 12:45-01:45 | 01:45-2:00 | 2.00-3.00 | 3.00-4.00 |
|---|---|---|---|---|---|---|---|---|
| MONDAY | B1-DSBDA | | | | | | B2-B3-DSBDA | |
| TUESDAY | B2-DSBDA | | LUNCH BREAK | | | SHORT BREAK | | DSBDA |
| WEDNESDAY | B3-DSBDA | | | | | | DSBDA | |
| THURSDAY | | DSBDA | | | | | DSBDA | |
| FRIDAY | | | | | | | | B4-DSBDA |
| SATURDAY | | | | | DSBDA | | | B4-DSBDA |

1.Data Science and Big Data Analytics

Prof. Shendkar N. S
Sub Teacher

Prof. Shah S.N
Head of Department

# TEACHING PLAN

**Department: Computer Engineering**          **Academic Year:2023-24**

**Semester: VI**          **Class: T.E.**          **Subject:** Data Science and Big Data Analytics

**Date:    /   /**

**Teaching Scheme**      **Lectures/Week: 04**          **Practical/Week:04**   **Tutorials/Week:**

**Examination Scheme**          **Insem:30**               **Endsem:70**

| Lect. No | Planned Date | Topics planned | Method used | Conducted Date | Sign of Faculty |
|---|---|---|---|---|---|
| 1 | 9/1/24. | **Unit I :** **Introduction to Data Science and Big Data** Basics and need of Data Science and Big Data, Applications of Data Science | C /B | 11/1/24. | Athendkor. |
| 2 | 10/1/24. | Data explosion, 5 V's of Big Data | C /B | 12/1/24 | Athendkor |
| 3 | 16/1/24. | Relationship between Data Science and Information Science, Business intelligence versus Data Science, | C /B | 17/1/24 | Athendkor |
| 4 | 18/1/24. | Data Science Life Cycle, Data: Data Types, Data Collection | C /B | 19/1/24. | Athendkor |
| 5 | 23/14/24. | Need of Data wrangling | C /B | 24/1/24 | Athendkor |
| 6 | 25/1/24. | Methods: Data Cleaning, Data Integration, Data Reduction | C /B | 27/1/24 | Athendkor |
| 7 | 30/1/24. | Data Transformation, Data Discretization | C /B | 31/1/24. | Athendkor |
| 8 | 31/1/24. | **Unit II :** **Statistical Inference** Need of statistics in Data Science and Big Data Analytics | C /B | 1/2/24 | Athendkor |
| 9 | 1/2/24. | Measures of Central Tendency: Mean, Median, Mode, Mid-range | C /B | 2/2/24. | Athendkor |
| 10 | 2/3/24. | Measures of Dispersion: Range, Variance, Mean Deviation, Standard Deviation | C /B | 6/7/24 | Athendkor |

| Lect. No | Planned Date | Topics planned | Method used | Conducted Date | Sign of Faculty |
|---|---|---|---|---|---|
| 11 | 6/2/24 | Bayes theorem | C /B | 7/2/24 | Athendkor |
| 12 | 7/2/24. | Basics and need of hypothesis and hypothesis testing | C /B | 8/2/24 | Athendkor |
| 13 | 9/2/24. | Pearson Correlation | C /B | 20/2/24 | Athendkor |
| 14 | 20/2/24. | Sample Hypothesis testing, Chi-Square Tests, t-test | C /B | 21/2/24 | Athendkor |
| 15 | 21/2/24. | **Unit III :** **Big Data Analytics Life Cycle** Introduction to Big Data | C /B | 22/2/24 | Athendkor |
| 16 | 22/2/24 | sources of Big Data, Data Analytic Lifecycle | C /B | 23/2/24 | Athendkor |
| 17 | 23/2/24. | Introduction, Phase 1: Discovery | C /B | 27/2/24 | Athendkor |
| 18 | 27/2/24. | Phase 2: Data Preparation | C /B | 28/2/24 | Athendkor |
| 19 | 28/2/24 | Phase 3: Model Planning | C /B | 29/2/24 | Athendkor |
| 20 | 29/2/24. | Phase 4: Model Building, Phase 5: Communication | C /B | 1/3/24. | Athendkor |
| 21 | 1/3/24 | Phase 6: Operation alize | C /B | 5/3/24 | Athendkor |
| 22 | 5/3/24 | **Unit IV :** **Predictive Big Data Analytics with Python** Introduction, Essential Python Libraries, Basic examples. Data Preprocessing: Removing Duplicates | C /B | 6/3/24. | Athendkor |
| 23 | 6/3/24. | Transformation of Data using function or mapping, replacing values, Handling Missing Data | C /B | 7/3/24 | Athendkor |
| 24 | 7/3/24. | Analytics Types: Predictive, Descriptive and Prescriptive. Association Rules: Apriori Algorithm | C /B | 12/3/24. | Athendkor |
| 25 | 12/3/24. | FP growth, Regression: Linear Regression, Logistic Regression | C /B | 13/3/24 | Athendkor |
| 26 | 13/3/24. | Classification: Naïve Bayes, Decision Trees | C /B | 14/3/24 | Athendkor |

| Lect. No | Planned Date | Topics planned | Method used | Conducted Date | Sign of Faculty |
|---|---|---|---|---|---|
| 27 | 14/3/24. | Introduction to Scikit-learn, Installations, Dataset, mat plotlib, filling missing values, | C /B | 15/3/24. | *signature* |
| 28 | 15/3/24. | Regression and Classification using Scikit-learn | C /B | 19/3/24 | *signature* |
| 29 | 19/3/24. | **Unit V:** **Big Data Analytics and Model Evaluation** Clustering Algorithms: K-Means, Hierarchical Clustering, Time-series analysis | C /B | 2/3/24. | *signature* |
| 30 | 2/4/24. | Introduction to Text Analysis: Text-preprocessing, Bag of words | C /B | 3/4/24. | *signature* |
| 31 | 3/4/24. | TF-IDF and topics. Need and Introduction to social network analysis, Introduction to business analysis | C /B | 4/4/24 | *signature* |
| 32 | 4/4/24. | Model Evaluation and Selection: Metrics for Evaluating Classifier Performance | C /B | 5/4/24. | *signature* |
| 33 | 5/4/24 | Holdout Method and Random Sub-sampling, Parameter Tuning and Optimization | C /B | 10/4/24. | *signature* |
| 34 | 10/4/24. | Result Interpretation, Clustering and Time-series analysis using Scikit-learn, sklearn. metrics | C /B | 12/4/24. | *signature* |
| 35 | 12/4/24. | metrics, Confusion matrix, AUC-ROC Curves, Elbow plot. | C /B | 13/4/24 | *signature* |
| 36 | 13/4/24. | **Unit VI:** **Data Visualization and Hadoop Introduction to Data** Visualization, Challenges to Big data visualization | C /B | 16/4/24. | *signature* |
| 37 | 16/4/24 | Types of data visualization, Data Visualization Techniques, | C /B | 18/4/24. | *signature* |
| 38 | 18/4/24 | Visualizing Big Data, Tools used in Data Visualization | C /B | 19/4/24 | *signature* |
| 39 | 20/4/24 | Hadoop ecosystem | C /B | 23/4/24. | *signature* |
| 40 | 23/4/24 | Map Reduce, Pig, Hive, Analytical techniques used in Big data visualization | C /B | 24/4/24 | *signature* |

| Lect. No | Planned Date | Topics planned | Method used | Conducted Date | Sign of Faculty |
|---|---|---|---|---|---|
| 41 | 25/4/24. | Data Visualization using Python: Line plot, Scatter plot | C /B | 26/4/24. | Dhendkar |

## SUMMARY

| Unit No. | Title | Total no. of Lectures | Planned Date of Completion | Actual Date of Completion |
|---|---|---|---|---|
| 1 | Introduction to Data Science and Big Data | 07 | 30/1/24 | 31/1/24. |
| 2 | Statistical Inference | 07 | 20/2/24 | 21/2/24. |
| 3 | Big Data Analytics Life Cycle | 07 | 1/3/24 | 5/3/24. |
| 4 | Predictive Big Data Analytics with Python | 07 | 15/3/24 | 19/3/24. |
| 5 | Big Data Analytics and Model Evaluation | 07 | 12/4/24 | 13/4/24. |
| 6 | Data Visualization and Hadoop Introduction to Data | 07 | 25/4/24 | 26/4/24. |

### Reference Books:
1. EMC Education Services, "Data Science and Big Data Analytics- Discovering, analyzing
2. Visualizing and Presenting Data"
3. DT Editorial Services, "Big Data, Black Book", DT Editorial Services, ISBN:
4. 9789351197577, 2016 Edition
5. Chirag Shah, "A Hands-On Introduction To Data Science", Cambridge University Press,
6. (2020), ISBN : ISBN 978-1-108-47244-9
7. Wes McKinney, "Python for Data Analysis ", O' Reilly media, ISBN: 978-1-449-31979-3
8. Trent Hauk, "Scikit-learn Cookbook", Packt Publishing, ISBN: 9781787286382

### Methodology Used:
C /B : Chalk & Board
P : Power point Presentation
V/A : Video Audio Lectures

Subject In charge          Head of the Department          Principal

Sharadchandra
Someshwarnagar, Tal.

| | SHRI SOMESHWAR SHIKSHAN PRASARAK MANDAL'S | Record No:- |
|---|---|---|
| | **SOMESHWAR ENGINEERING COLLEGE, SOMESHWARNAGAR** | Revision:- |
| | | Date:- |

## PRACTICAL PLAN

**Department:** Computer          **Academic Year** 2023-24          **Semester:** II

**Class:** T.E.          **Subject:** DS & BDA          **Date:**

**Teaching Scheme**          **Lectures/Week:4**          **Practical/Week:4**

**Examination Scheme**          **Insem: 30Marks**          **Endsem:70Marks**

| Exp. No | Name of Experiment | Batch | Planned Date | Conducted Date | Sign of Faculty |
|---|---|---|---|---|---|
| 1 | Data Wrangling, I | B1 | 8/1/24 | 15/1/24, | Mhendkor |
| | | B2 | 9/1/24. | 15/1/24. | Mhendko |
| | | B3 | 10/1/24. 15/1/24. | 17/1/24. | Mhendko |
| | | B4 | 11/1/24 | 18/1/24. | Mhendko |
| 2 | Data Wrangling II | B1 | 15/1/24. | 22/1/24. | Mhendko |
| | | B2 | 15/1/24. | 16/1/24. | Mhendko |
| | | B3 | 17/1/24 | 24/1/24. | Mhendko |
| | | B4 | 18/1/24 | 25/1/24. | Mhendko |
| 3 | Descriptive Statistics - Measures of Central Tendency and variability | B1 | 22/1/24. | 29/1/24. | Mhendkor |
| | | B2 | 16/1/24. | 22/1/24. | Mhendko |
| | | B3 | 24/1/24 | 31/1/24. | Mhendko |
| | | B4 | 25/1/24 | 1/2/24. | Mhendko |
| 4 | Data Analytics I | B1 | 29/1/24. | 5/2/24. | Mhendko |
| | | B2 | 22/1/24. | 23/1/24. | Mhendko |
| | | B3 | 31/1/24 | 7/2/24. | Mhendko |

| Exp. No | Name of Experiment | Batch | Planned Date | Conducted Date | Sign of Faculty |
|---|---|---|---|---|---|
| | | B4 | 1/2/24 | 8/2/24. | Attendkar |
| 5 | Data Analytics II | B1 | 5/2/24. | 12/2/24. | Attendkar |
| | | B2 | 23/1/24. | 29/1/24. | Attendkar |
| | | B3 | 7/2/24. | 21/2/24. | Attendkar |
| | | B4 | 8/2/24 | 15/2/24. | Attendkar |
| 6 | Data Analytics III | B1 | 12/2/24. | 26/2/24. | Attendkar |
| | | B2 | 29/1/24. | 30/1/24. | Attendkar |
| | | B3 | 21/2/24. | 28/2/24. | Attendkar |
| | | B4 | 15/2/24 | 22/2/24. | Attendkar |
| 7 | Text Analytics | B1 | 26/2/24. | 4/3/24. | Attendkar |
| | | B2 | 30/1/24 | 5/2/24. | Attendkar |
| | | B3 | 28/2/24 | 6/3/24. | Attendkar |
| | | B4 | 22/2/24 | 29/2/24 | Attendkar |
| 8 | Data Visualization I | B1 | 4/3/24 | 18/3/24. | Attendkar |
| | | B2 | 5/3/24. | 6/2/24. | Attendkar |
| | | B3 | 6/3/24 | 13/3/24. | Attendkar |
| | | B4 | 29/2/24 | 7/3/24. | Attendkar |
| 9 | Data Visualization II | B1 | 18/3/24. | 1/4/24. | Attendkar |
| | | B2 | 6/3/24 | 20/3/24. | Attendkar |
| | | B3 | 13/3/24 | 27/3/24. | Attendkar |
| | | B4 | 7/3/24 | 14/3/24. | Attendkar |
| 10 | Data Visualization III | B1 | 1/4/24. | 8/4/24. | Attendkar |

| Exp. No | Name of Experiment | Batch | Planned Date | Conducted Date | Sign of Faculty |
|---------|-------------------|-------|--------------|----------------|-----------------|
|  |  | B2 | 20/2/24 | 26/2/24. | Attendko |
|  |  | B3 | 27/3/24. | 3/4/24. | Attendko |
|  |  | B4 | 14/3/24 | 21/3/24. | Attendko |
| 11 | Write a code in JAVA for a simple Word Count application that counts the number of occurrences of each word in a given input set using the Hadoop Map-Reduce framework on local-standalone set-up. | B1 | 8/4/24. | 15/4/24 | Attendko |
| | | B2 | 26/2/24 | 27/2/24. | Attendko |
| | | B3 | 3/4/24 | 10/4/24. | Attendko |
| | | B4 | 21/3/24 | 28/3/24. | Attendko |
| 12 | Design a distributed application using Map-Reduce which processes a log file of a system. | B1 | 15/4/24 | 22/4/24. | Attendko |
| | | B2 | 27/2/24. | 5/3/24. | Attendko |
| | | B3 | 10/4/24. | 24/4/24. | Attendko |
| | | B4 | 28/3/24 | 4/4/24. | Attendko |
| 13 | Locate dataset (e.g., sample_weather.txt) for working on weather data which reads the text input files and finds average for temperature, dew point and wind speed. | B1 | 22/4/24. | 29/4/24. | Attendko |
| | | B2 | 5/3/24 | 12/3/24. | Attendko |
| | | B3 | 24/4/24. | 24/4/24. | Attendko |
| | | B4 | 18/4/24 | 25/4/24. | Attendko |

Attendko

**Subject In charge**

**Head of the Department**

PRINCIPAL

# Answer Sheet

### Sub:DSBDA
### Marks:30

## 1. What is data wrangling? Why do you need it? (5M)

**Data wrangling**, also known as data munging, is the process of cleaning, structuring, and enriching raw data into a desired format for better decision-making in less time. This process involves several steps, such as:

1.  **Data Collection:** Gathering raw data from various sources.
2.  **Data Cleaning:** Identifying and correcting errors or inconsistencies in the data.
3.  **Data Transformation:** Changing the format, structure, or values of the data.
4.  **Data Enrichment:** Enhancing data with additional information.
5.  **Data Validation:** Ensuring the data meets the desired quality criteria.

**Need for Data Wrangling:**

*   **Improved Data Quality:** Ensures data is accurate, complete, and reliable.
*   **Enhanced Analysis:** Clean and structured data facilitates better analysis and insights.
*   **Time Efficiency:** Saves time for data analysts by automating the preprocessing steps.
*   **Better Decision Making:** High-quality data leads to more informed and effective decisions.
*   **Consistency:** Standardizes data from different sources to be used seamlessly in analysis tools.

## 2. Differentiate between Business Intelligence and Data Science. (5M)

**Business Intelligence (BI):**

*   **Purpose:** Focuses on using data to make business decisions by analyzing historical data.
*   **Tools and Techniques:** Utilizes reporting tools, dashboards, OLAP (Online Analytical Processing), and data warehousing.
*   **Skills:** Requires expertise in SQL, data visualization, and business acumen.
*   **Outcome:** Provides insights into business performance, helping in operational and strategic decisions.
*   **Time Frame:** Retrospective analysis of past and present data.

**Data Science:**

*   **Purpose:** Uses advanced analytics to predict future trends and find patterns.
*   **Tools and Techniques:** Employs machine learning, statistical analysis, and algorithms.
*   **Skills:** Requires programming (Python, R), statistical knowledge, and machine learning expertise.
*   **Outcome:** Builds predictive models and provides deeper, more complex insights.
*   **Time Frame:** Predictive and prescriptive analysis for future planning.
*

# Answer Sheet

## Sub:DSBDA

## Marks:30

## 3. List and Explain the various types of analytics in big data. (5M)

1. **Descriptive Analytics:**
   - **Explanation:** Summarizes historical data to understand what has happened in the past.
   - **Examples:** Reports, dashboards, data mining, and data aggregation.
2. **Diagnostic Analytics:**
   - **Explanation:** Examines data to understand the causes of past outcomes.
   - **Examples:** Root cause analysis, correlation analysis, and drill-down techniques.
3. **Predictive Analytics:**
   - **Explanation:** Uses statistical models and machine learning techniques to forecast future outcomes based on historical data.
   - **Examples:** Risk assessment, sales forecasting, and customer behavior prediction.
4. **Prescriptive Analytics:**
   - **Explanation:** Suggests actions you can take to affect desired outcomes.
   - **Examples:** Optimization algorithms, decision analysis, and simulation.
5. **Cognitive Analytics:**
   - **Explanation:** Uses artificial intelligence to mimic human thought processes for deeper insights.
   - **Examples:** Natural language processing, machine learning, and automated reasoning.

## 4. List and Explain the key roles for successful analytics projects. (5M)

1. **Data Analyst:**
   - **Role:** Analyzes data to find trends and insights.
   - **Skills:** SQL, Excel, data visualization, and statistical analysis.
2. **Data Scientist:**
   - **Role:** Develops advanced analytical models to predict future trends.
   - **Skills:** Programming (Python/R), machine learning, and statistical modeling.
3. **Data Engineer:**
   - **Role:** Designs and maintains data architectures and pipelines.
   - **Skills:** ETL processes, big data technologies, and database management.
4. **Project Manager:**
   - **Role:** Oversees the project, ensuring it meets business objectives and timelines.
   - **Skills:** Project management, communication, and stakeholder management.
5. **Business Analyst:**
   - **Role:** Bridges the gap between IT and business by understanding business needs and translating them into technical requirements.
   - **Skills:** Business acumen, requirement analysis, and stakeholder management.
6. **Subject Matter Expert (SME):**
   - **Role:** Provides domain knowledge and expertise.
   - **Skills:** Deep understanding of the specific business area.

# Answer Sheet

## Sub:DSBDA

## Marks:30

## 5. Explain data analytics cycle with suitable diagram and its phases (5M)

**Data Analytics Cycle Phases:**

1. **Data Collection:**
   o Gathering data from various sources.
2. **Data Cleaning:**
   o Removing or correcting inaccurate data.
3. **Data Integration:**
   o Combining data from different sources into a coherent dataset.
4. **Data Analysis:**
   o Applying statistical and analytical techniques to understand the data.
5. **Data Visualization:**
   o Representing data insights visually through charts and graphs.
6. **Data Interpretation:**
   o Drawing conclusions and insights from the analyzed data.
7. **Data Presentation:**
   o Communicating findings to stakeholders.

**Diagram:**

```css
Copy code
 [Data Collection] -> [Data Cleaning] -> [Data Integration] -> [Data
Analysis] -> [Data Visualization] -> [Data Interpretation] -> [Data
Presentation]
```

## Short Notes:

1. **Common tools for model building:**
   o **R and Python:** Popular programming languages with extensive libraries for data analysis and machine learning (e.g., scikit-learn, TensorFlow).
   o **Apache Spark:** A big data processing engine for large-scale data processing and machine learning.
   o **Jupyter Notebooks:** An interactive environment for running code, visualizing data, and sharing insights.
   o **KNIME:** An open-source platform for data analytics, reporting, and integration.
   o **RapidMiner:** A data science platform for machine learning, deep learning, text mining, and predictive analytics.
2. **Model Selection for Data Analytics:**
   o **Purpose and Goals:** Choosing the right model depends on the specific objectives (e.g., classification, regression, clustering).
   o **Data Characteristics:** The nature of the data (e.g., volume, variety, and velocity) influences model selection.
   o **Performance Metrics:** Selecting models based on accuracy, precision, recall, F1 score, and other relevant metrics.

- o **Complexity and Interpretability:** Balancing model complexity with the need for interpretability and ease of use.
- o **Validation and Testing:** Using cross-validation and test sets to ensure model robustness and generalizability.

**SSPM's Sharadchandra Pawar College Of Engineering and Technology,Someshwarnagar.**

**DEPARTMENT OF COMPUTER ENGINEERING**
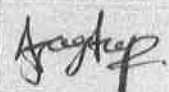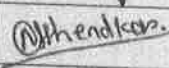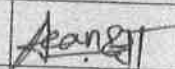
Academic Year - 2023- 24.

**Class: TE-Unit test Attendance**                    Sub:DSBDA

| Roll no | STUDENT NAME | Signature | Marks |
|---------|--------------|-----------|-------|
| CO301 | ADSUL VAISHANAVI VIJAY | Vaishav | 15 |
| CO302 | AVATE RUTUJA SUNIL | | |
| CO303 | BHANDLAKAR POOJA BHAUSAHEB | | |
| CO304 | BHANDWALKAR SHREYASH SUNIL | | |
| CO305 | BHOSALE JAYASH MILIND | | |
| CO306 | BHOSALE KARAN JALINDAR | BBhos | 6 |
| CO307 | BHOSALE  SAMIR  SHAMAKANT | Bsam | 7 |
| CO308 | CHAVAN DIPTI RAMCHANDRA | Dipt | 8 |
| CO309 | DHAVALE JAYASHRI ANIL | | |
| CO310 | DHOLE PRIYANKA SHIVAJI | Priyank | 8 |
| CO311 | GADADE ONKAR GORAKH | | |
| CO312 | GAIKWAD GAYATRI BALASO | | |
| CO313 | GAIKWAD SAYALI RAMESH | | |
| CO314 | GHADGE VAIBHAVI BALASAHEB | | |
| CO315 | GHADGE VAISHNAVI BALASAHEB | | |
| CO316 | HALNOR KOMAL BALASAHEB | | |
| CO317 | INAMDAR ARBAJ TAYYAB | | |
| CO318 | JADHAV AVANTIKA RAHUL | | |
| CO319 | JADHAV SNEHA NITIN | | |
| CO320 | JAGDALE GANESH JALINDAR | | |
| CO321 | JOSHI ADITYA SANJAY | | |
| CO322 | KADAM BHUSHAN MALLIKARJUN | | |
| CO323 | KAKADE SAURABH RUSHIKANT | | |
| CO324 | KAKADE SHIVANJALI MOHAN | | |
| CO325 | KALASKAR GANESH DNYANESHWAR | | |
| CO326 | KARNWAR RUTUJA BHAUSAHEB | Dkarnw | 20 |
| CO327 | KINGARE PAYAL DATTATRAY | | |
| CO328 | KUTAL PRATIKSHA RAJENDRA | | |
| CO329 | LAMBOTE MAYA TANAJI | May | 11 |

**SSPM's Sharadchandra Pawar College Of Engineering and Technology,Someshwarnagar.**

**DEPARTMENT OF COMPUTER ENGINEERING**

**Academic Year:2023-2024**
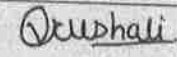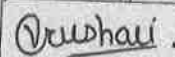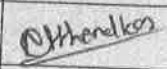
**Class: TE-Unit test Attendance**                                          Sub:DSBDA

| Roll no | STUDENT NAME | Signature | Marks |
|---------|--------------|-----------|-------|
| CO330 | MAKWANA YASH RANJIT | | |
| CO331 | MOHITE YASHRAJ SHRIKANT | | |
| CO332 | NAGAWADE SAURAV SUBARAV | _(sign)_ | 6 |
| CO333 | NAIKWADE ARTI HANMANT | _(sign)_ | 14 |
| CO334 | NARUTE KIRAN LALASO | _(sign)_ | 12. |
| CO335 | NIGADE RAHUL DYANESHWAR | _(Rahul)_ | 7 |
| CO336 | PAPAL KOMAL MARUTI | | |
| CO337 | PATIL PRAJAKTA VIKAS | | |
| CO338 | PAWAR AYUSHKA BHANUDAS | | |
| CO339 | PAWAR TEJAS PRADIP | | |
| CO340 | PISAL SAKSHI GANESH | | |
| CO341 | RANAWARE ADITYA DIPAK | | |
| CO342 | RASKAR MANJUSHA SAVATA | | |
| CO343 | RAUT ADITI SHIVAJI | | |
| CO344 | ROKADE DYANESHWARI MOHAN | | |
| CO345 | SALUNKE NAMRATA CHAKRADHAR | | |
| CO346 | SALUNKHE SAKSHI RAJENDRA | | |
| CO347 | SHINDE ISHA SURESH | | |
| CO348 | SHINDE SANDHYA NANDKUMAR | _(sign)_ | 12. |
| CO349 | TAMBE AISHWARYA SANJAY | | |
| CO350 | TAKAWALE VAISHNAVI VITTHAL | | |
| CO351 | THAKRE RAJ NARESH | | |
| CO352 | YADAV POOJA BHIMRAO | | |
| CO353 | BADGE YASHODEEP DYANESHWAR | | |
| CO354 | CHAVAN SAURABH DANAJI | | |
| CO355 | DHUMAL ATHARVE RAVINDRA | | |
| CO356 | KADAM SAKSHI RAJENDRA | | |
| CO357 | MANE ROHAN SANJAY | | |
| CO358 | MUNDHE AKSHAY HARIPANDIT | | |
| CO359 | PAWAR ROHIT BALASO | | |
| CO360 | SALUNKE SWARAJ NITIN | | |
| CO361 | TANTAK ADITI MADHUKAR | | |
| CO362 | TAWARE SAKSHI SANDIP | | |
| CO363 | MANE SAURABH SANJAY | | |

# Someshwar Shikshan Prasarak Mandal's
### Sharadchandra Pawar College of Engineering and Technology, Someshwar nagar
### Department of Computer Engineering

---

## Academic Year(2022-23) SEM-I

### (Till -07/10/2023)

| Class | Subject | Syllabus completion | Name of subject teacher | Sign. of subject teacher |
|---|---|---|---|---|
| **SE Div-A** | Discrete Mathematics | 2 unit | Prof.Khomane.V.A | *Sign* |
| | Fundamentals of Data Structures | 2 unit | Prof.Tamhane.V.B | *Vrushali* |
| | Object Oriented Programming (OOP) | 2 unit | Prof. Jagtap.A.Y | *Jagtap* |
| | Computer Graphics | 2 unit | Prof. Shendkar.N | *Shendkar* |
| | Digital Electronics and Logic Design | | | |
| **SE Div-B** | Discrete Mathematics | 2 unit | Prof.Gaikwad.A.A | *Sign* |
| | Fundamentals of Data Structures | 2 unit | Prof.Tamhane.V.B | *Vrushali* |
| | Object Oriented Programming (OOP) | 2 unit | Prof. Bhalarao.A.B | *Sign* |
| | Computer Graphics | 2 unit | Prof. Shendkar.N | *Shendkar* |
| | Digital Electronics and Logic Design | | | |

# Someshwar Shikshan Prasarak Mandal's
## Sharadchandra Pawar College of Engineering and Technology, Someshwar nagar
### Department of Computer Engineering

## Academic Year(2023-24) SEM-1

## (Till -04/12/2023)

| Class | Subject | Syllabus completion | Name of subject teacher | Sign. of subject teacher |
|---|---|---|---|---|
| SE Div-A | Discrete Mathematics | 6 Units | Prof.Khomane.V.A | |
| | Fundamentals of Data Structures | 9.5 units | Prof.Tamhane.V.B | |
| | Object Oriented Programming (OOP) | 5 unit | Prof. Bhalarao.A.B | |
| | Computer Graphics | 5 unit | Prof. Shendkar.N.S | |
| | Digital Electronics and Logic Design | 5 units | Prof.Nigade.R.R | |
| SE Div-B | Discrete Mathematics | 6 Units | Prof.Gaikwad.A.A | |
| | Fundamentals of Data Structures | 5.5 units | Prof.Tamhane.V.B | |
| | Object Oriented Programming (OOP) | 5 unit | Prof. Bhalarao.A.B | |
| | Computer Graphics | 5 unit | Prof. Shendkar.N.S | |
| | Digital Electronics and Logic Design | 5 unit | Prof.Nigade.R.R | |

**HOD COMP**

# Someshwar Shikshan Prasarak Mandal's
## Sharadchandra Pawar College of Engineering and Technology, Someshwar nagar
## Department of Computer Engineering

## Academic Year(2023-24) SEM-I

### (Till- 04/11/2023)

| | | | | |
|---|---|---|---|---|
| **TE** | Database Management Systems | 5 Units | Prof. Kokare S.A | |
| | Theory of Computation | 5 Units | Prof. Shah.S.N | |
| | Systems Programming and Operating System | 5 units | Prof. Rakshe S.R | |
| | Computer Networks and Security | 5 units | Prof Ghadge.S.V | |
| | Internet of Things and Embedded Systems | 5 Units | Prof. Bhapkar.A.D | |
| **BE** | Design and Analysis of Algorithms | 5 units | Prof.Ghadge.S.V | |
| | Machine Learning | | Prof.Pawar.S.D | |
| | Object Oriented Modeling and Design | 5 Units | Prof. Shah.S.N | |
| | Software Testing and Quality Assurance | 5 units | Prof. Bhapkar.A.D | |
| | Blockchain Technology | | Prof. Ghadge.S.S | |

**HOD COMP**

# Shri Someshwar shikshan Prasarak Mandal's

# Sharadchandra Pawar College of Engineering and Technology

# Someshwarnagar.

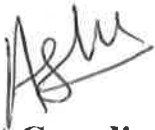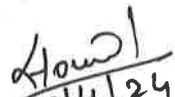## DEPARTMENT OF COMPUTER ENGINEERING

**Date: 21/03/2024**

| SR NO | CLASS | SUBJECT | NAME OF INDUSTRY | VISITED DATE |
|---|---|---|---|---|
| 1 | SE | Project Based Learning | AIC ADC Foundation Baramati | 12/04/2024 |
| 2 | BE | Project stage II | Wolfox Services PVT Ltd Kolhapur | 14/03/2024 |
| 3 | BE &TE | Software Testing and quality assurance | Veda Infotech Ratnagiri | 06/10/2023 and 07/10/2023 |
| | | | | |

**Visit Coordinator**

**HOD (Comp Engg)**

HEAD OF DEPARTMENT
COMPUTER ENGINE RING

## Industrial Visit Report
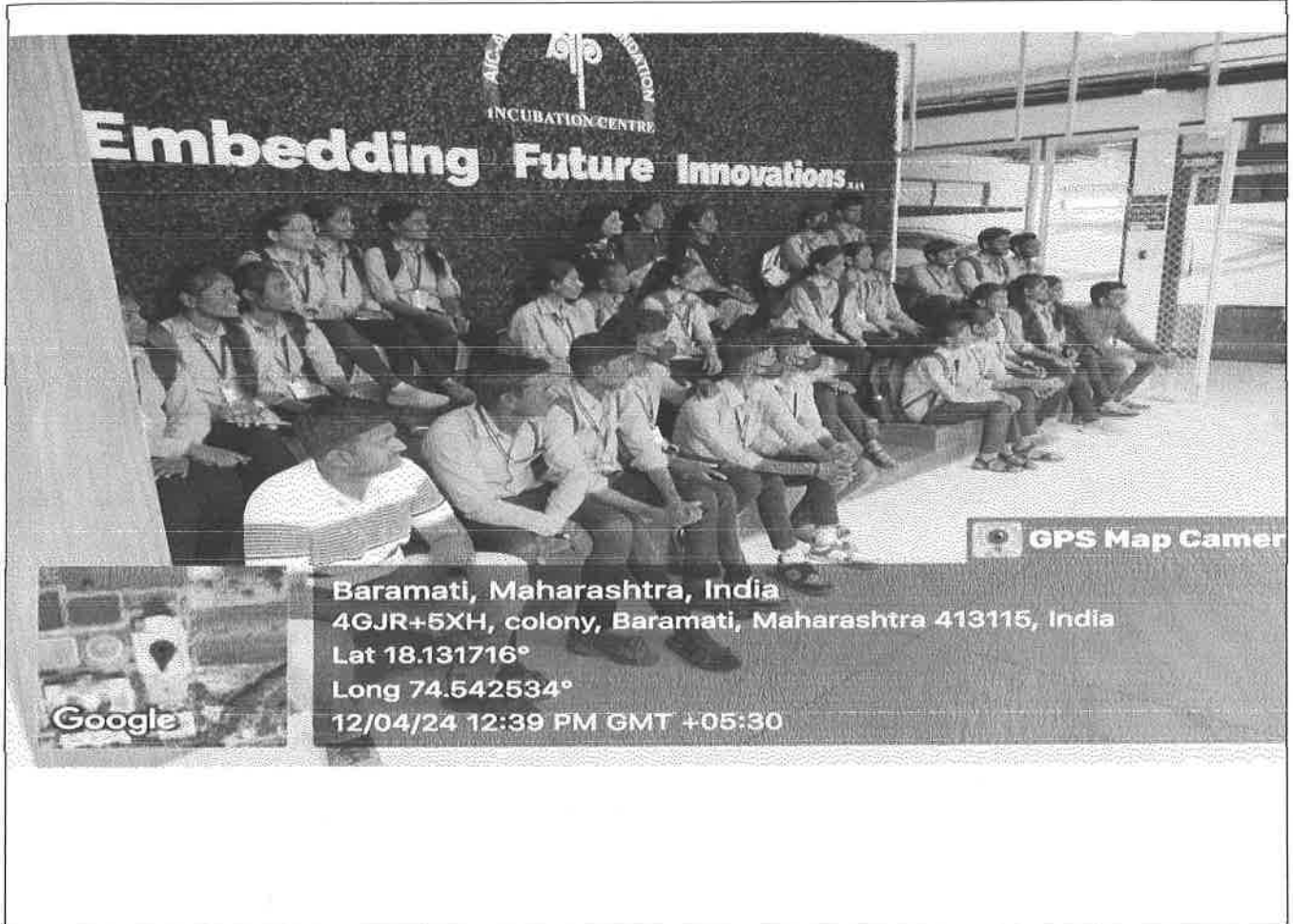


**Name and address of industry-** AIC- ADT Baramati Foundation shardanagar,Baramati

**Date of Visit-** 12/04/2024.

**Staff Coordinator-** Prof. Shendkar N.S ,Prof.Jamdade P.R.

**Objectives of Visit-.** The visit was carried out under subject of Project Base Learning I to understand

The objectives of visiting AIC-ADT Baramati Foundation in Shardanagar, Baramati were to explore project-based learning opportunities in computer engineering. The visit aimed to understand how the foundation supports practical learning initiatives for students in the field. Additionally, it sought insights into the application of theoretical knowledge in real-world projects, fostering a hands-on approach to education. The visit also aimed to identify potential collaborations or resources that could enhance computer engineering education through project-based learning.

**Outcome of Visit-** Visit to AIC-ADT Baramati Foundation revealed valuable insights into integrating project-based learning in computer engineering education, fostering collaboration and resource utilization for enhanced student experiences

**Information of visit in brief:** A visit to AIC-ADT Baramati Foundation in Shardanagar, Baramati provided SE Computer Engineering students, accompanied by two faculty members, with valuable insights into project-based learning. They delved into practical applications, gaining a deeper understanding of core concepts in a dynamic environment. Engaging with cutting-edge technologies, students acquired hands-on experience, enriching their academic journey and enhancing proficiency in computer engineering.

**Value addition through industrial visit-** Besides the objectives of visit, the following additional technical information was given to the students during the visit.

➢ This hands-on experience helps in reinforcing theoretical concepts and gaining practical insights into industrial processes.

➢ Incubation centers provide essential workshops on product development, marketing, finance, and leadership for startup success.



Signature of faculty

Signature of HOD
HEAD OF DEPARTMENT
COMPUTER ENGINEERING

Shri Someshwar shikshan Prasarak Mandal's

# Sharadchandra Pawar College of Engineering and Technology

## Someshwarnagar.

### DEPARTMENT OF COMPUTER ENGINEERING

**Date: 10/04/2024**

## NOTICE

It is here by informed to all BE students of Computer Engineering that we are organizing the industrial visit at ATAL INCUBATION CENTRE AIC-ADT BARAMATI FOUNDATION,Baramati on 12/04/2024. Students are instructed to be present at 9 am sharply at college campus with uniform and Identity Card. It is mandatory to be present for the visit.

**Visit Coordinator**

**HOD (Comp Engg)**
HEAD OF DEPARTMENT
COMPUTER ENGINEERING

Shri Someshwar Shikshan Prasarak Mandal's

# Sharadchandra Pawar College of Engineering & Technology,

Someshwarnagar Tal – Baramati, Dist – Pune 412 306

(Approved by AICTE New Delhi, Recognized by Govt. of Maharashtra &  Affiliated to
Savitribai Phule Pune University, **Accredited NAAC 'B' Grade **Pun Code: IEGP019550**
Id.no.PU/PN.Engg./445/2012)     * Ph.  (02112) 283185        * Fax : (02112) 283185
* Web :www.secsomeshwar.ac.in  **DTE Code: EN6795  *Email:sspm1972@gmail.com**

Ref. No. SSPM/SPCOET/        /2023-24                              Date:      /    /2024

To,

The Principal,

SPCOET, Someshwarnagar.

Baramati, Pune 412306

Subject: - Regarding details of Visit to Baramati on Friday 12/04/2024.

Respected sir,

 With reference to above subject, we are arranging visit to ATAL INCUBATION CENTRE AIC-
ADT BARAMATI FOUNDATION Baramati on Friday 12/04/2024.

As a part of the curriculum for the subject Project Base learning , the students are
required to undertake industrial visits to a few center of repute. In the above background, we
would like to send a batch of about 29 students of SE. Computer accompanied by 2 staff
members to visit industry. The list of students and staff members are attached below.

Yours Faithfully,

Prof. Saloni Shah

HEAD OF DEPARTMENT
(HOD)
COMPUTER ENGINEERING

# Shri Someshwar Shikshan Prasarak Mandal's
## Sharadchandra Pawar College of Engineering and Technology, Someshwarnagar.
## DEPARTMENT OF COMPUTER ENGINEERING

### Industrial Visit

| NO. | STUDENT NAME | Sign 1 | Sign 2 |
|-----|--------------|--------|--------|
| 1 | Divekar sujata | | |
| 2 | Narzirkar kajal | | |
| 3 | Amarale ekata | | |
| 4 | Chavan bhumika | | |
| 5 | Gadadare sandip | | |
| 6 | Tambe Siddhi | | |
| 7 | Deshmukh omkar | | |
| 8 | Shelke chaitanya | | |
| 9 | pawar aditya | | |
| 10 | holkar pratik | | |
| 11 | pawar abhijit | | |
| 12 | jagtap sakshi | | |
| 13 | gadhade rutuja | | |
| 14 | ~~Chandgude Pooja~~ Chavan Tanuja | | |
| 15 | Bhosale sakshi | | |
| 16 | Salunkhe vaishnavi | | |
| 17 | Bhapkar sakshi | | |
| 18 | Barade sakshi | | |
| 19 | Pokar gaurav | | |
| 20 | Jagtap Pratik | | |
| 21 | ~~Shinde gauri~~ Gaikwad telasvini | | |
| 22 | Patil Komal | | |
| 23 | Lonkar Monika | | |
| 24 | Pawar Ritesh | | |
| 25 | Pawar Shivanjali | | |
| 26 | Saste priti | | |
| 27 | Nigade Pallavi | | |
| 28 | Gaikawad sakshi | | |
| **Faculty** | | | |
| 29 | Prof. Shendkar.N.S | | |
| 30 | Prof.Jamdade.P.R | | |

31) Salim sir

Principal

HOD

HEAD OF DEPARTMENT
COMPUTER ENGINEERING

Compose

## Confirmation about Visit  Inbox ×

**AIC-ADT Baramati Foundation** <aicadt@adtbaramati.com>

to me

Sharadchandra Pawar College of Engineering and Technology, your application for our organization

AIC-ADT BARAMATI FOUNDATION

+91 8669911299

INCUBATION CENTRE *Embedding future innovations....*

Web: https://www.aicadtbaramatifoundation.org

Follow Us on:

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Reply     Forward

≡ M Gmail     Q Search in mail       ⛭       ⌄ ⓪ ⚙

Compose

Mail     Inbox    1

Chat     Starred

Snoozed

Meet     Sent

Drafts

More

Labels

✉                      1 of 1,180

## Industrial visit on 12/04/24 to Incubations center, Shardanagar, Baramati  External  Inbox ×

**S**    **Saloni Shah**                                  4:08 PM (8 ᵢ
Respected sirKindly give us permission for an Industrial visit to the Incubation center on April 12, 2024.Details are given below.PFA.. Thanking You, Regards,Pr

**A**    **Anandkumar Holkar**                                4:15 PM (1 minute ago)
to me

Approved.

( Reply )    ( Forward )

O.W No: 247/2024

Date: 12/04/2024

### AIC ADT Baramati Foundation Visit Completion Certificate

### To Whom It May Concern,

This is to certify that Sharadchandra Pawar College of Engineering and Technology, Someshwarnagar with their SY Students of SE Computer Department has successfully completed the visit to AIC ADT Baramati Foundation on 12th April 2024.

During the visit, Students actively participated in the following activities:

1. **Introduction to AIC ADT Baramati Foundation**: Brief description of the foundation's mission, vision, and activities.
2. **Tour of Facilities**: Description of the facilities visited, such as labs, coworking spaces, etc.
3. **Incubates/Startups Details**: Details of discussions held with startups, their projects, and any mentorship or guidance provided.
4. **Networking and Collaborative Opportunities**: Summary of networking opportunities explored and potential collaborations identified

By completing this visit, Students have gained valuable insights into entrepreneurship, innovation, and the support ecosystem provided by the AIC ADT Baramati Foundation.

We hereby acknowledge the successful completion of the visit and wish students all the best in their future endeavors.

**Signature:**

Mrs. Sonali Saste,

Incubation Manager

Shri Someshwar Shikshan Prasarak Mandal's

# Sharadchandra Pawar College of Engineering & Technology, Someshwarnagar Tal – Baramati, Dist – Pune 412 306

(Approved by AICTE New Delhi, Recognized by Govt. of Maharashtra &   Affiliated to Savitribai Phule Pune University, *Accredited NAAC 'B' Grade *Pun Code: IEGP019550
Id.no.PU/PN.Engg./445/2012)    * Ph.  (02112) 283185        * Fax : (02112) 283185
* Web :www.secsomeshwar.ac.in  *DTE Code: EN6795

Ref. No. SSPM/SPCOET/233/2023-24          Date: 12/04/2024

To,
**AIC-ADT Manager,**
**AIC_ADT Baramati foundation**
**Baramati**

Subject: **Vote of thanks**

Dear Sir,

     On the behalf of Sharadchandra Pawar College of Engineering & Technology, Someshwarnagar, Tal-Baramati,Dist-Pune. We are very much thankful for allowing our students to visit your organization on 12/04/2024. We are confident that the information shared by you during this visit will surely help our students for their future carrer and impoving excellence in academic. We would like to continue such interaction with you in future also.

     With Regards .

Principal
SHARADCHANDRA PAWAR COLLEGE OF ENGINEERING & TECHNOLOGY
SOMESHWARNAGAR, TAL-BARAMATI, DIST-PUNE (Pin-412 306)

Abhishek Gite – Incubation Manager
AIC – ADT Baramati foundation.

# Letter of Undertaking for industrial tour given by Parents/Guardian

Date:

To,
The Principal
SPCOET ,Someshwarnagar.

Dear Sir,

### SUB: Submission of "Industrial Tour Undertaking"-- Reg.

We, Mr. _Tambe Mahadev_ Ms. _Tambe Seema_ parents of
_Tambe Siddhi_ Studying in _SEComp_ Department of Computer engineering in SPCOET
Someshwar herewith voluntarily submitting the undertaking.

We, the undersigned parents/guardian are aware that, our son/daughter is participating in the industrial visit organized by the Institute scheduled during
_12|04| 2024_ with our full acceptance and will be bearing all the expenditure incurred for the Industrial visit towards travel and other expenses from our end.

We shall ensure that our son/daughter shall abide by the college terms and conditions for industrial visit. We hereby declare and confirm that the college shall not be held responsible in the event of any misfortune or accidents and/or personal injuries whether fatal or otherwise involving our son/daughter.

We shall undertake full responsibility of all the consequences should any other person or body suffer such accidents and/or personal injuries and/or damage to property as a result of our son/daughter negligent act during the period of industrial tour.

We further confirm that the college shall not be held responsible for our son/daughter misconduct or wrongdoing at all times during the period of industrial tour and shall obey the instructions of the faculty members who are accompanying during the industrial tour.

Yours sincerely,

_Tambe_                                                 _Siddhi_
(Parents/Guardian's Signature)                          Signature of the student
Name of the Father: _Tambe mahadev_
Name of the Mother: _Tambe Seema_
Name of the Guardian: _Tambe mahadev_
Contact Address: _AP.Jeur, Tal: Purudhar, Dist:pune_
Contact Phone No: _7276436846_ .

# Letter of Undertaking for industrial tour given by Parents/Guardian

Date: 12|4|24

To,
The Principal
SPCOET ,Someshwarnagar.

Dear Sir,

### SUB: Submission of "Industrial Tour Undertaking"-- Reg.

We, Mr. _Somnath Patil_ Ms. _Pushpa Patil_ parents of _Komal Patil_ Studying in _Comp_ Department of Computer engineering in SPCOET Someshwar herewith voluntarily submitting the undertaking.

We, the undersigned parents/guardian are aware that, our son/daughter is participating in the industrial visit organized by the Institute scheduled during _12|4|24_ with our full acceptance and will be bearing all the expenditure incurred for the Industrial visit towards travel and other expenses from our end.

We shall ensure that our son/daughter shall abide by the college terms and conditions for industrial visit. We hereby declare and confirm that the college shall not be held responsible in the event of any misfortune or accidents and/or personal injuries whether fatal or otherwise involving our son/daughter.

We shall undertake full responsibility of all the consequences should any other person or body suffer such accidents and/or personal injuries and/or damage to property as a result of our son/daughter negligent act during the period of industrial tour.

We further confirm that the college shall not be held responsible for our son/daughter misconduct or wrongdoing at all times during the period of industrial tour and shall obey the instructions of the faculty members who are accompanying during the industrial tour.

Yours sincerely,

Komal Somnath Patil

(Parents/Guardian's Signature)                    Signature of the student
Name of the Father: _somnath Patil_
Name of the Mother: _Pushpa Patil_

Name of the Guardian: _____

Contact Address: _8485846925_

Contact Phone No: _7709556925_

**Letter of Undertaking for industrial tour given by Parents/Guardian**

Date: -12-4-24

To,
The Principal
SPCOET ,Someshwarnagar.

Dear Sir,

**SUB: Submission of "Industrial Tour Undertaking"-- Reg.**

We, Mr. _chavan, satish_ Ms. _chavan seema_ parents of _chavan Tanuja_ Studying in _SE_ Department of Computer engineering in SPCOET Someshwar herewith voluntarily submitting the undertaking.

We, the undersigned parents/guardian are aware that, our son/daughter is participating in the industrial visit organized by the Institute scheduled during _13-4-24 ·_ with our full acceptance and will be bearing all the expenditure incurred for the Industrial visit towards travel and other expenses from our end.

We shall ensure that our son/daughter shall abide by the college terms and conditions for industrial visit. We hereby declare and confirm that the college shall not be held responsible in the event of any misfortune or accidents and/or personal injuries whether fatal or otherwise involving our son/daughter.

We shall undertake full responsibility of all the consequences should any other person or body suffer such accidents and/or personal injuries and/or damage to property as a result of our son/daughter negligent act during the period of industrial tour.

We further confirm that the college shall not be held responsible for our son/daughter misconduct or wrongdoing at all times during the period of industrial tour and shall obey the instructions of the faculty members who are accompanying during the industrial tour.

Yours sincerely,

_chavan satish_

(Parents/Guardian's Signature)

_T·S·Chavan._

Signature of the student

Name of the Father: _chavan satish_

Name of the Mother: _chavan seema_

Name of the Guardian: _chavan satish_

Contact Address: _A/P- Korhale Bk/1_
_Tal- Baramati_

Contact Phone No: _98235540 60_

**SHRI. SOMESHWAR SHIKSHAN PRASARAK MANDAL's**
## Sharadchandra Pawer College of Engineering and Technology
**Someshwarnagar Tal -- Baramati, Dist. – Pune 412 306**
(Approved by AICTE New Delhi, Recognized by Govt. of Maharashtra & Affiliated to Savitribai Phule Pune
University, Accredited NAAC 'B'Grade)

# Workshop Index 2023-2024

| Sr. No | Workshop Topic | Conduction Date | Academic Year | Class |
|--------|----------------|-----------------|---------------|-------|
| 1 | Software Testing | 30/09/2023 and 1/10/2023 | 2023-24 | TE& BE |
| 2 | Web Development | 15/04/2024, 16/04/2024 and 18/04/2024 | 2023-24 | SE |

Date:- 12/4/24

To

The Principal,

Sharadchandra Pawar College of Engineering and technology Someshwarnagar

Subject: Organizing 3 days' Workshop on Web Development.

Respected sir,

With reference to above subject, we want to organize Web Development Workshop in Computer Engineering department for Second year students as it is essential as they have subject in academics and helpful for Project Implementation.

Kindly give us permission for conducting the workshop successfully.

The details are as below.

Workshop coordinator: Prof. Ghadge.S.V

Date: 15/04/2024, 16/04/2024 and 18/04/24

Resource person Name: Mr.Uday Nalawade, Web Developer

SQUIREEL'S INFOTECH, Satara.

Total Cost: 25000/-

Thanking you,

Yours Faithfully,

Prof. Saloni N. Shah

(HOD)

Permitted

|| Tamaso ma Jyotirgamaya ||

Shri Someshwar Shikshan Prasarak Mandal's

# Sharadchandra Pawar College of Engineering & Technology

Someshwarnagar, Tal.Baramati, Dist. Pune (Pin : 412 306 ) Maharashtra, India

Approved by AICTE New Delhi, Recognised by Govt. of Maharashtra &

Affilited to Savitribai Phule Pune University, Pune, Id. No. PU/PN. Engg./445/2012

Ph : (02112) 253185, Fax : (02112) 283185

Ref. No. : SPCE/ 244 /2023 - 2024　　　　　　　　　Date : 13 / 04 /2024

To,

Mr.Uday Nawalade

CTO in SQUIREEL'S INFOTECH.

Subject: Invitation letter to conduct Three Days Workshop on **"Web Development"** dated 15/04/2024, 16/04/2024 and 18/04/2024.

Respected Sir,

　　As you may be aware, Shri Someshwar Shikshan Prasark Mandal's, Sharadchandra Pawar College of Engineering & Technology Someshwarnagar is one of the most reputed Engineering Institutions in Savitribai Phule Pune University and known for its excellent record in academics and co-curricular activities. The college offers Bachelor degree Course in Mechanical, Civil, Electrical & Computer.

　　We are requesting you to conduct Three days' Workshop on **"Web Development"** at Sharadchandra Pawar College of Engineering & Technology Someshwarnagar on dated 15/04/2024, 16/04/2024 and 18/04/2024.

　　We kindly request you to accept our invitation and guide our Computer Engineering students related to Web Development.

Thanking You,

Yours Faithfully

PRINCIPAL

SHARADCHANDRA PAWAR COLLEGE OF ENGINEERING & TECHNOLOGY

SOMESHWARNAGAR, TAL-BARAMATI, DIST-PUNE (Pin-412 306)

Shri Someshwar shikshan Prasarak Mandals

## Sharadchndra Pawar College of Engineering and Technology, Someshwarnagar

## Department Of Computer Engineering

Date:13-04-2024

All Second year students are hereby inform that our department is arranging three days' workshop on "Web Development" dated 15/04/2024, 16/04/24 and 18/04/24 under your PBL subject. Attendance is compulsory to all the sutdents.

NOTE- Students who will not register and attend the workshop will not eligible for the submission of any subject.

Time – 9.00AM
Venue – Computer center Lab

HEAD OF DEPARTMENT
COMPUTER ENGIN ING

Attendance Workshop Web Development(Day 1)15/04/2024

| Sr No | Name of Student | Sign | |
|---|---|---|---|
| | | Session 1 | Session 2 |
| 1 | Sakshi Binawade | | |
| 2 | Riya kakde | | |
| 3 | Tanvi mahajan | | |
| 4 | Atharv mahadev Gursali | | |
| 5 | Tushar Ashok khatik | | |
| 6 | Priyanka Gorakh Baraukar | | |
| 7 | Pratiksha Gurunath shelke | | |
| 8 | Jagtap sakshi Sandip | | |
| 9 | Jagtap saurabh Suresh Gadekar | | |
| 10 | Nikhil Bhagawat Patil | | |
| 11 | Vaibhav Kudal | | |
| 12 | Ritesh Pawar | | |
| 13 | Tanvi Dipak saste | | |
| 14 | Atharv Sanjay gade | | |
| 15 | Bhumika vilas chavan | | |
| 16 | Trupti Jadhav | | |
| 17 | Sakshi Yuvraj Bhapkar | | |
| 18 | Sabaa mujawar | | |
| 19 | Dhanashri Prabhakar kale | | |
| 20 | Gaurav Borokar | | |
| 21 | Prachi Rohidas saste | | |
| 22 | Sakshi manohar Bhosale | | |
| 23 | Akash mali | | |
| 24 | Akanksha Santosh Pawar | | |
| 25 | Sanika Vishal Dandawate | | |
| 26 | Dipali shivaji Daund | | |
| 27 | Priti Vijay jadhav | | |
| 28 | Vaishnavi vijaysinh kadam | | |
| 29 | Aakash Sanas | | |
| 30 | Omkar Raghunath Kumbhar | | |
| 31 | Pokar Gaurav vinod | | |
| 32 | pratik Dayanand Jagtap | | |
| 33 | Akshay sambhaji Jadhaw | | |
| 34 | Sujal Santosh Jadhav | | |
| 35 | shivraj Sanjay kalokhe | | |
| 36 | Pranali sunil Jadhav | | |
| 37 | Sangram Navnath kale | | |
| 38 | vijay shridhar Khalate | | |
| 39 | siddhant Dhananjay Pore | | |
| 40 | Suyash Sachin Jadhav | | |
| 41 | Pallavi mahadev Nigade | | |
| 42 | Rutuja Pandurang Gadhade | | |
| 43 | Gaikwad Sakshi Anil | | |
| 44 | Shinde Shweta Navanath | | |
| 45 | Akshata Anil Jagadale | | |

| | | Session 1 | Session 2 |
|---|---|---|---|
| 46 | Pooja Ramchandra chandgude | | |
| 47 | Pratik Dattatray Holkar | | |
| 48 | Aditya sharad Pawar | | |
| 49 | Shivanjali Pawar | *(signature)* | *(signature)* |
| 50 | chaitanya shelke | | |
| 51 | Abhijit Sudhakar Pawar | | |
| 52 | Sneha Sachin Suryawanshi | *(signature)* | *(signature)* |
| 53 | Ruchir | *(signature)* | *(signature)* |
| 54 | Aditya kavitake | A.Kavitake | A.Kavitake |
| 55 | Sujata Divekar | S.Divekar | S.Divekar |
| 56 | Pritam Giramkar | P.B.Giramkar | P.B.Giramkar |
| 57 | Sanket Promod Humbe | Humbe | Humbe |
| 58 | Vaishnavi sakunde | Sakunde | Sakunde |
| 59 | Rohit Jagtap | *(signature)* | *(signature)* |
| 60 | Abhijeet Jalindar kadam | Kadam | Kadam |
| 61 | Ashlesha Dnyaneshwar Raut | Raut | Raut |
| 62 | Vedant Joshi | *(signature)* | *(signature)* |
| 63 | Vaibhav Dattatray salunke | Salunke V.D | Salunke V.D. |
| 64 | Rushikesh Surykant Indorkar | | |
| 65 | Jaydeep Santosh Shinde | *(signature)* | *(signature)* |
| 66 | sahil Shivaji Pisal | SahilP | SahilP |
| 67 | Sakshi Barde | *(signature)* | *(signature)* |
| 68 | Sakshi satish Jagtap | S.Jagtap | S.Jagtap |
| 69 | Siddhi mahadev Tambe | Siddhi | Siddhi |
| 70 | Ekta shankar Amrale | E.Amrale | E.Amrale |
| 71 | onkar Rajendra Deshmukh | *(signature)* | *(signature)* |
| 72 | Nikhil Rajendra Pawar. | N.R.Pawar | N.R.Pawar |
| 73 | Prathamesh Sopan Awalkar | *(signature)* | *(signature)* |
| 74 | kedar shankar Gaikwad | | |
| 75 | pradip pralhadrao kadam | | |
| 76 | Aniket godage | | |
| 77 | Tanuja satish chavan | T.s.chavan | T.s.chavan |
| 78 | Nandini shivaji khunte | Nshkhunte | Nshkhunte |
| 79 | Shruti mohan Baravkar | Baravkar | Baravkar |
| 80 | Tejaswini manik Gaikwad | Gaikwad | Gaikwad |
| 81 | Dhanraj hanumant natakale | D.H.Natakale | D.H.Natakale |
| 82 | Adiraj Sanas | A.A.sanas | A.A.sanas |
| 83 | kokate mansi sanjay | M.kokate | M.kokate |
| 84 | shinde Dipali Apparao | D.shinde | D.shinde |
| 85 | Darade Aniket Uttareshwar | *(signature)* | *(signature)* |
| 86 | Bansode Ashish shamrao | Ashish | Ashish |
| 87 | Thopate shreya Anil | Thopate | Thopate |
| 88 | Shinde gauri sunil | G.Shinde | G.Shinde |
| 89 | Choudhari Tejasvi Laxman | Choudhari | Choudhari |
| 90 | Suryawanshi shruti santosh | Shruti | Shruti |
| 91 | Thopate Shruti Maruti | Thopate | Thopate |
| 92 | Kajal mohan Nazirkar | Nazirkar | Nazirkar |
| 93 | Sakshi kumbhar | S.kumbhar | S.kumbhar |
| 94 | Sandip Galdare | *(signature)* | *(signature)* |
| 95 | Phadtare Shivendra | Phadtare | Phadtare |
| 96 | Lonkar Monika | Lonkar | Lonkar |
| 97 | Bhosale SakshiAshok | Bhosale | Bosale |
| 98 | Priti Saste | Saste | Saste |
| 99 | Komal Somneth Patil | B.s.Patil | B.s.Patil |
| 100 | Saurubh Suresh badekar | Badekar | Badekar |

## Attendance -Workshop on Web Development(Day 2)16/04/2024

| Sr No | Name of Student | Sign | |
|---|---|---|---|
| | | Session 1 | Session 2 |
| 1 | Sakshi Binawade | | |
| 2 | Riya Kakde | | |
| 3 | Tanvi Mahajan | | |
| 4 | Atharv Mahadev Gursali | | |
| 5 | Tushar Ashok Khatik | | |
| 6 | Priyanka Gorakh Baraukar | | |
| 7 | Pratiksha Gurunath Shelke | | |
| 8 | Jagtap Sakshi Sandip | | |
| 9 | Jagtap Saurabh Suresh Gadekar | | |
| 10 | Nikhil Bhagawat Patil | | |
| 11 | Vaibhav Kudal | | |
| 12 | Ritesh Pawar | | |
| 13 | Tanvi Dipak Saste | | |
| 14 | Atharv Sanjay Gade | | |
| 15 | Bhumika Vilas Chavan | | |
| 16 | Trupti Jadhav | | |
| 17 | Sakshi Yuvraj Bhapkar | | |
| 18 | Sabaa Mujawar | | |
| 19 | Dhanashri Prabhakar Kale | | |
| 20 | Gaurav Borokar | | |
| 21 | Prachi Rohidas Saste | | |
| 22 | Sakshi Manohar Bhosale | | |
| 23 | Akash Mali | | |
| 24 | Akanksha Santosh Pawar | | |
| 25 | Sanika Vishal Dandawate | | |
| 26 | Dipali Shivaji Daund | | |
| 27 | Priti Vijay Jadhav | | |
| 28 | Vaishnaui Vijaysinh Kadam | | |
| 29 | Aakash Sanas | | |
| 30 | Omkar Raghunath Kumbhar | | |
| 31 | Pokar Gaurav Vinod | | |
| 32 | Pratik Dayanand Jagtap | | |
| 33 | Akshay Sambhaji Jadhaw | | |
| 34 | Sujal Santosh Jadhav | | |
| 35 | Shivraj Sanjay Kalokhe | | |
| 36 | Pranali Sunil Jadhav | | |
| 37 | Sangram Navnath Kale | | |
| 38 | Vijay Shridhar Khalate | | |
| 39 | Siddhant Dhananjay Pore | | |
| 40 | Suyash Sachin Jadhav | | |
| 41 | Pallavi Mahadev Nigade | | |
| 42 | Rutuja Pandurang Gadhade | | |
| 43 | Gaikwad Sakshi Anil | | |
| 44 | Shinde Shweta Navanath | | |
| 45 | Akshata Anil Jagadale | | |

| | | | |
|---|---|---|---|
| 46 | Pooja Ramchandra Chandgude | | |
| 47 | Pratik Dattatray Holkar | | |
| 48 | Aditya Sharad Pawar | | |
| 49 | Shivanjali Pawar | | |
| 50 | Chaitanya Shelke | | |
| 51 | Abhijit Sudhakar Pawar | | |
| 52 | Sneha Sachin Suryawanshi | | |
| 53 | Ruchir | | |
| 54 | Aditya Kavitake | | |
| 55 | Sujata Divekar | | |
| 56 | Pritam Giramkar | | |
| 57 | Sanket Promod Humbe | | |
| 58 | Vaishnavi Sakunde | | |
| 59 | Rohit Jagtap | | |
| 60 | Abhijeet Jalindar Kadam | | |
| 61 | Ashlesha Dnyaneshwar Raut | | |
| 62 | Vedant Joshi | | |
| 63 | Vaibhav Dattatray Salunke | | |
| 64 | Rushikesh Surykant Indorkar | | |
| 65 | Jaydeep Santosh Shinde | | |
| 66 | Sahil Shivaji Pisal | | |
| 67 | Sakshi Barde | | |
| 68 | Sakshi Satish Jagtap | | |
| 69 | Siddhi Mahadev Tambe | | |
| 70 | Ekta Shankar Amrale | | |
| 71 | Onkar Rajendra Deshmukh | | |
| 72 | Nikhil Rajendra Pawar. | | |
| 73 | Prathamesh Sopan Awalkar | | |
| 74 | Kedar Shankar Gaikwad | | |
| 75 | Pradip Pralhadrao Kadam | | |
| 76 | Aniket Godage | | |
| 77 | Tanuja Satish Chavan | | |
| 78 | Nandini Shivaji Khunte | | |
| 79 | Shruti Mohan Baravkar | | |
| 80 | Tejaswini Manik Gaikwad | | |
| 81 | Dhanraj Hanumant Natakale | | |
| 82 | Adiraj Sanas | | |
| 83 | Kokate Mansi Sanjay | | |
| 84 | Shinde Dipali Apparao | | |
| 85 | Darade Aniket Uttareshwar | | |
| 86 | Bansode Ashish Shamrao | | |
| 87 | Thopate Shreya Anil | | |
| 88 | Shinde Gauri Sunil | | |
| 89 | Choudhari Tejasvi Laxman | | |
| 90 | Suryawanshi Shruti Santosh | | |
| 91 | Thopate Shruti Maruti | | |
| 92 | Kajal Mohan Nazirkar | | |
| 93 | Sakshi Kumbhar | | |
| 94 | Sandip Gadare Gadadarre | | |
| 95 | Lonkar Monika | | |
| 96 | Sakshi Ashok Bhosale | | |
| 97 | Priti Saste | | |
| 98 | Komal Santosh Patil | | |
| 99 | Saurabh Suresh Gadekar | | |
| 100 | Vikas Rajkumar mandlik | | |

# Attendance -Workshop on Web Development(Day 3)18/04/2024

| Sr No | Name of Student | Sign | |
|---|---|---|---|
| | | Session 1 | Session 2 |
| 1 | Sakshi Binawade | Binawade | Binawade |
| 2 | Riya Kakde | Riyo.Kakde | Riya.Kakde |
| 3 | Tanvi Mahajan | Mahajan | Mahajan |
| 4 | Atharv Mahadev Gursali | | |
| 5 | Tushar Ashok Khatik | Tushar | Tushar |
| 6 | Priyanka Gorakh Baraukar | Priyanka | Priyanka |
| 7 | Pratiksha Gurunath Shelke | P.Shelke | P.Shelke |
| 8 | Jagtap Sakshi Sandip | S.Jagtap | S.Jagtap |
| 9 | Saurabh Suresh Gadekar | | |
| 10 | Nikhil Bhagawat Patil | N.Pati | N.Pati |
| 11 | Vaibhav Kudal | V.Kudal | V.Kudal |
| 12 | Ritesh Pawar | | |
| 13 | Tanvi Dipak Saste | Saste | Saste |
| 14 | Atharv Sanjay Gade | Atharva | Atharva |
| 15 | Bhumika Vilas Chavan | Chavan | Chavan |
| 16 | Trupti Jadhav | Trupti | Trupti |
| 17 | Sakshi Yuvraj  Bhapkar | Bhapkar | Bhapkar |
| 18 | Sabaa Mujawar | Mujawar | Mujawar |
| 19 | Dhanashri Prabhakar Kale | Kaley | Kaley |
| 20 | Gaurav Borokar | | |
| 21 | Prachi Rohidas Saste | Prachi | Prachi |
| 22 | Sakshi Manohar Bhosale | Sakshi | Salosh |
| 23 | Akash Mali | | |
| 24 | Akanksha Santosh Pawar | Pawar | Pawar |
| 25 | Sanika Vishal Dandawate | | |
| 26 | Dipali Shivaji Daund | Daud | Daud |
| 27 | Priti Vijay Jadhav | Jadhav | Jadhav |
| 28 | Vaishnavi Vijaysinh Kadam | Kadam | Kadam |
| 29 | Aakash Sanas | Akash | Akash |
| 30 | Omkar Raghunath Kumbhar | | |
| 31 | Pokar Gaurav Vinod | Pokar | Pokar |
| 32 | Pratik Dayanand Jagtap | Pratik | Pratik |
| 33 | Akshay Sambhaji Jadhaw | | |
| 34 | Sujal Santosh Jadhav | Jadhav | Jadhav |
| 35 | Shivraj Sanjay Kalokhe | S | S |
| 36 | Pranali Sunil Jadhav | Jadhav | Jadhav |
| 37 | Sangram Navnath Kale | | |
| 38 | Vijay Shridhar Khalate | Khalate | Khalate |
| 39 | Siddhant Dhananjay Pore | Siddhant | Siddhant |
| 40 | Suyash Sachin Jadhav | SA | SA |
| 41 | Pallavi Mahadev Nigade | Nigade | Nigade |
| 42 | Rutuja Pandurang Gadhade | R.Pgadhade | R.Pgadhade |
| 43 | Gaikwad Sakshi Anil | Sakshi | Sakshi |
| 44 | Shinde Shweta Navanath | S.NShinde | S.NShinde |
| 45 | Akshata Anil Jagadale | Jagudale | Jagudale |
| 46 | Pooja Ramchandra Chandgude | | |
| 47 | Pratik Dattatray Holkar | Pratik | Pratik |
| 48 | Aditya Sharad Pawar | Pawar | Pawar |

Pokar Gaurav Kumar Vinod .

| | | | |
|---|---|---|---|
| 49 | Shivanjali Pawar | | |
| 50 | Chaitanya Shelke | | |
| 51 | Abhijit Sudhakar Pawar | | |
| 52 | Sneha Sachin Suryawanshi | | |
| 53 | Ruchir | | |
| 54 | Aditya Kavitake | | |
| 55 | Sujata Divekar | | |
| 56 | Pritam Giramkar | | |
| 57 | Sanket Promod Humbe | | |
| 58 | Vaishnavi Sakunde | | |
| 59 | Rohit Jagtap | | |
| 60 | Abhijeet Jalindar Kadam | | |
| 61 | Ashlesha Dnyaneshwar Raut | | |
| 62 | Vedant Joshi | | |
| 63 | Vaibhav Dattatray Salunke | | |
| 64 | Rushikesh Surykant Indorkar | | |
| 65 | Jaydeep Santosh Shinde | | |
| 66 | Sahil Shivaji Pisal | | |
| 67 | Sakshi Barde | | |
| 68 | Sakshi Satish Jagtap | | |
| 69 | Siddhi Mahadev Tambe | | |
| 70 | Ekta Shankar Amrale | | |
| 71 | Onkar Rajendra Deshmukh | | |
| 72 | Nikhil Rajendra Pawar. | | |
| 73 | Prathamesh Sopan Awalkar | | |
| 74 | Kedar Shankar Gaikwad | | |
| 75 | Pradip Pralhadrao Kadam | | |
| 76 | Aniket Godage | | |
| 77 | Tanuja Satish Chavan | | |
| 78 | Nandini Shivaji Khunte | | |
| 79 | Shruti Mohan Baravkar | | |
| 80 | Tejaswini Manik Gaikwad | | |
| 81 | Dhanraj Hanumant Natakale | | |
| 82 | Adiraj Sanas | | |
| 83 | Kokate Mansi Sanjay | | |
| 84 | Shinde Dipali Apparao | | |
| 85 | Darade Aniket Uttareshwar | | |
| 86 | Bansode Ashish Shamrao | | |
| 87 | Thopate Shreya Anil | | |
| 88 | Shinde Gauri Sunil | | |
| 89 | Choudhari Tejasvi Laxman | | |
| 90 | Suryawanshi Shruti Santosh | | |
| 91 | Thopate Shruti Maruti | | |
| 92 | Kajal Mohan Nazirkar | | |
| 93 | Sakshi Kumbhar | | |
| 94 | Sandip Gadare | | |
| 95 | Lonkar Monika | | |
| 96 | Sakshi Ashok Bhosale | | |
| 97 | Priti Saste | | |
| 98 | Komal Santosh Patil | | |
| 99 | Saurabh Suresh Gadekar | | |
| 100 | Vikas Rajkumar Mandlik | | |
| 101 | Rohit Shendage | | |
| 102 | Swanand Taware | | |
| 103 | Vaishnavi Moro | | |
| 104 | Sakshi Sawant | | |

|| Tamaso ma Jyotirgamaya ||
Shri Someshwar Shikshan Prasarak Mandal's

# Sharadchandra Pawar College of Engineering & Technology

Someshwarnagar, Tal.Baramati, Dist. Pune (Pin : 412 306 ) Maharashtra, India
Approved by AICTE New Delhi, Recognised by Govt. of Maharashtra &
Affilited to Savitribai Phule Pune University, Pune, Id. No. PU/PN. Engg./445/2012
Ph : (02112) 253185, Fax : (02112) 283185

Ref. No. : SPCE/ 2415 /2023 - 2024                    Date : 13 / 04/2024

To,

Mr. Uday Nawalade

CTO in SQUIREEL'S INFOTECH

Subject: Vote of thanks

Respected Sir,

We are really thankful to Mr. Uday Nawalade CTO in SQUIREEL'S INFOTECH. On the behalf of Sharadchandra Pawar College of Engineering & Technology Someshwarnagar, as you visited our institute and successfully conducted three days' workshop on Web Development. We assure you our students will definitely benefited through this workshop.

18/04/2024

Yours Faithfully

SHARADCHANDRA PAWAR COLLEGE OF ENGINEERING & TECHNOLOGY
SOMESHWARNAGAR, TAL-BARAMATI, DIST-PUNE (Pin-412 306)

# Student Registration Details for Workshop

| | Name of Student | Amount | Sign |
|---|---|---|---|
| ① | Kokate Mansi Sanjay | 150 | Mak |
| ② | Shinde Dipali Apparao | 150 | Dshind |
| ③ | Darade Aniket Uttareshwar | 150 | Aniket |
| ④ | Bansode Ashish Shamrao | 150 | Ashish B |
| ⑤ | Thopate shreya Anil | 150 | Thopate |
| ⑥ | Shinde gauri sunil | 150 | GShinde |
| ⑦ | Choudhari Tejasvi Laxman | 150 | Choudhari |
| ⑧ | Suryawanshi shruti santosh | 150 | Slut |
| ⑨ | Thopate Shruti Maruti | 150 | Sthopte |
| ⑩ | Kajal mohan Nazirkar | | |
| ⑪ | Sakshi kumbhar | | |
| ⑫ | Sandip Gardare | | |
| ⑬ | Priti Saste | 150 | Faste |
| ⑭ | Sakshi Bhosale | 150 | Bhosale |
| ⑮ | | | |
| ⑯ | | | |
| ⑰ | | | |

# Online Student Registration Details for Workshop

| Sr. No | Name of Student | Amount |
|--------|-----------------|--------|
| 1 | Sakshi Binawade | |
| 2. | Riya kakde | |
| 3. | Tanvi mahajan | |
| 4. | Atharv Mahadev Gursali | |
| 5. | Tushar Ashok khatik | |
| 6. | Priyanka Gorakh Baraukar | |
| 7. | Pratiksha Gurunath Shelke | |
| 8 | Jagtap sakshi sandip | |
| 9. | Saurabh Suresh Gadekar | |
| 10. | Nikhil Bhagawat Patil | |
| 11. | Vaibhav Kudal | |
| 12 | Ritesh Pawar | |
| 13. | Tanvi Dipak saste | |
| 14. | Atharv sanjay Gade | |
| 15. | Bhumika Vilas chavan | |
| 16 | Trupti Jadhav | |
| 17 | Sakshi Juvraj Bhapkar | |
| 18. | Sabaa Mujawar | |
| 19 | Dhanashri Prabhakar kale | |
| 20. | Gaurav Borokar | |
| 21. | Prachi Rohidas saste | |
| 22. | Sakshi Manohar Bhosale | |
| 23 | Akash Mali | |
| 24. | Akanksha Santosh Pawar | |
| 25. | Sanika Vishal Dandawate | |
| 26. | Dipali shivaji Daund | |
| 27. | Priti Vijay Jadhav | |
| 28 | Vaishnavi Vijaysinh kadam | |

# Online Student Registration Details for Workshop

| Sr. No | Name of Student | Amount |
|---|---|---|
| 29. | Aakash Sanas | |
| 30 | Omkar Raghunath Kumbhar | |
| 31. | Pokar Gaurav Vinod | |
| 32. | Pratik Dayanand Jagtap | |
| 33. | Akshay Sambhaji Jadhav | |
| 34. | Sujal Santosh Jadhav | |
| 35 | Shivraj Sanjay Kalokhe | |
| 36. | Pranali Sunil Jadhav | |
| 37 | Sangram Navnath Kale | |
| 38 | Vijay Shridhar Khalate | |
| 39 | Siddhant Dhananjay Pore | |
| 40 | Suyash Sachin Jadhav | |
| 41. | Pallavi Mahadev Nigade | |
| 42. | Rutuja Pandurang Gadhade | |
| 43 | Gaikwad Sakshi Anil | |
| 44. | Shinde Shweta Navanath | |
| 45. | Akshata Anil Jagadale | |
| 46. | Pooja Ramchandra Chandgude | |
| 47. | Hotke Pratik Dattatryay Holkar | |
| 48. | Aditya Sharad Pawar | |
| 49. | Shivanjali Pawar | |
| 50. | Chaitanya Shelke | |
| 51. | Abhijit Sudhakar Pawar | |
| 52. | Sneha Sachin Suryawanshi | |
| 53. | Ruchir | |
| 54. | Aditya Kavitake | |
| 55 | Sujata Bivelkar | |
| 56 | Pritam Giramkar | |

# Student Registration Details for Workshop

| Name of Student | Amount |
|---|---|
| 56] Sanket Promod Humbe | |
| 57] Vaishnavi Sakunde | |
| 58] Rohit Jagtap | |
| 59] Abhijeet Jalandar kadam | |
| 60] Ashlesha Dnyaneshwar Raut | |
| 61] Vedant Joshi | |
| 62] Vaibhav Dattatray Salunke | |
| 63] Rushikesh Suryakant Indorkar | |
| 64] Jaydeep Santosh Shinde | |
| 65] Sahil Shivaji Pisal | |
| 66] Sakshi Barde | |
| 67] Sakshi Satish Jagtap | |
| 68] Siddhi Mahadev Tambe | |
| 69] Ekta Shankar Amrale | |
| 70] Onkar Rajendra Deshmukh | |
| 71] Nikhil Rajandra Pawar. | |
| 72] Prathamesh Sopan Awalkar | |
| 73] Kedar Shankar Gaikwad | |
| 74] Pradip Pralhadrao kadam | |
| 75] Aniket godage | |
| 76] Tanuja Satish chavan | |
| 77] Nandini Shivaji khunte | |
| 78] Shruti Mohan Barculkar | |
| 79] Tejaswini Manik Gaikwad | |
| 80] Dhanraj hanumant natakale | |
| 82] Adiraj Sanas | |
| | |
| | |

# Shri Someshwar Shikshan Prasarak Mandal's Sharadchandra Pawar College of Engineering & Technology, Someshwarnagar, Tal – Baramati, Dist – Pune
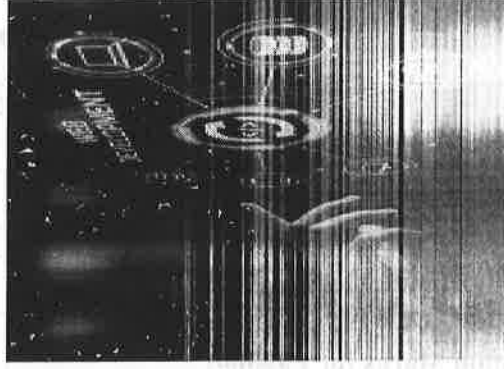
## DEPARTMENT OF COMPUTER ENGINEERING
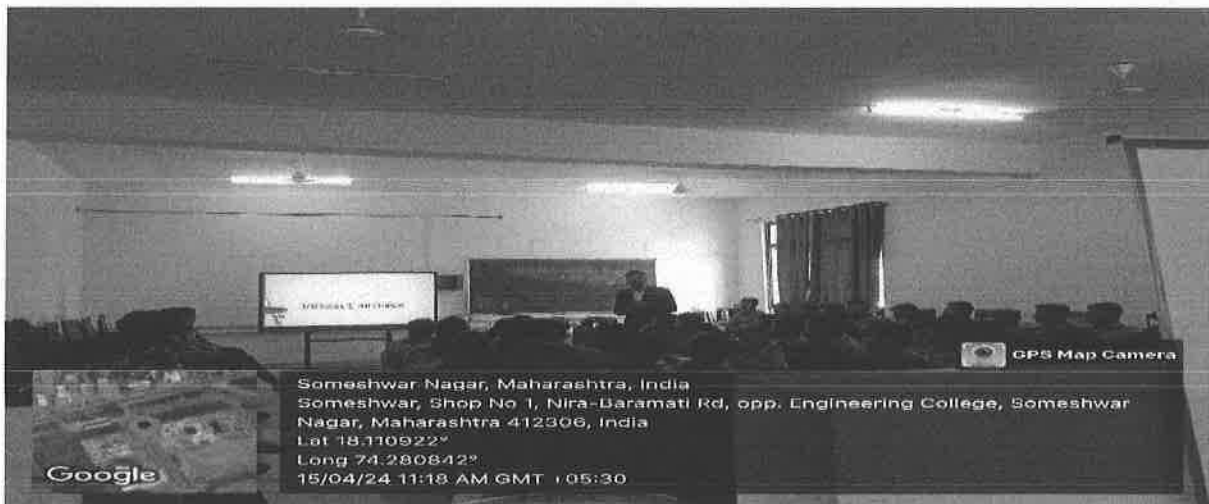
Organizing

# Three Days Workshop on Web Development

Venue: Computer Career Lab

# Shri. Someshwar Shikshan Prasarak Mandal's,

## Sharadchandra Pawar College of Engineering and Technology Someshwarnagar.

### DEPARTMENT OF COMPUTER ENGINEERING

### THREE DAYS WORKSHOP ON "WEB DEVELOPMENT"





**Date:** 15/04/2024, 16/04/2024 and 18/04/2024

1. **Expert Detail Name:** Mr.Uday Nalawade

Designation: CTO, Web Developer in SQUIREEL's INFOTECH, Satara.

Organization: SQUIREEL's INFOTECH, Satara.

Total Experience:10 Years

**2. Brief details of the Event:**

The workshop was organized by the Sharadchandra Pawar College of Engineering and technology Department of Computer engineering on 15/04/2024, 16/04/2024 and 18/04/2024. Mr. Udya Nalawade presided over as the guest speaker and the topic of his discussion was "Web Development" during which various concepts of Web Development, how to design website and also basic concepts of Javascript was explained by him.

**3. Response of the audience/learning for the students:**

It was nice learning experience for students and they thoroughly enjoyed the session.

**4. Faculty Coordinator Name:** Prof. Ghadage S.V.

**5. Number of Participants**: 104 students and 8 faculty

**6. Learning Objectives:**

1. To learn the concepts of HTM and CSS and Javascript.

2. Understand the concepts of Web Development.

3. Learn how to design the website.

Workshop Co-ordinator

HOD

# Sharadchndra Pawar College of Engineering and Technology, Someshwarnagar

## DEPARTMENT OF COMPUTERENGINEERING
■■■■■■■■■■■■■■■■■■■■■■■■■■■■■■■■■■■■■■■■■■■■■■■■■■■■■■■■■■■■■■■■■■■

**Date27/09/2023**

# NOTICE

All students of TE and BE Computer Engineering are here by informed that Workshop on **"Software Testing"** is arranged on **30/09/2023 and 01/10/2023** in computer department at **09:00 am.** Expert Faculty is Mr. Vishal Katore will guide on above topic. All students should 100% present for this workshop otherwise you will be self-responsible for your academic loss.

**Venue: Computer Center Lab, Computer Department**

**HOD**

**(Computer Dept)**

To

The Principal,

Sharadchandra Pawar College of Engineering and technology Someshwarnagar

Subject: Organizing 2 days Workshop on Software Testing.

Respected sir,

With reference to above subject, we want to organize Software Testing Workshop in Computer Engineering department for Third year and final year students as it is essential as they have subject in academics and helpful for Project Implementation.

Kindly give us permission for conducting the event successfully.

The details are as below.

Workshop coordinator: Prof. Bhapkar A.D.

Date: 30/09/2023 and 01/10/2023

Resource person Name: Mr.Vishal Katore, Software Tester

Om V Sab IT solution Karvenagr,Pune.

Fees per student =Rs 250/-(Tea+ remuneration for the guest)

Thanking you,

Yours Faithfully

Hawl)

(HOD Computer Dept.)

Permitted

Shri Someshwar Shikshan Prasarak Mandal's

# Sharadchandra Pawar College of Engineering & Technology, Someshwarnagar Tal – Baramati, Dist – Pune 412 306

(Approved by AICTE New Delhi, Recognized by Govt. of Maharashtra & Affiliated to
Savitribai Phule Pune University, Accredited NAAC 'B' Grade   Pun Code: IEGP019550
Id.no.PU/PN.Engg./445/2012)   * Ph. (02112) 283185       * Fax : (02112) 283185
* Web :www.secsomeshwar.ac.in                    * Email:sspm1972@gmail.com

Ref. No. SSPM/SPCOET/ 675 2023-24                    Date : 27/09/2023

To,

**Mr. Vishal Katore**

**Software Tester Om V Sab IT Solution Karvenar,Pune.**

**Subject: Invitation letter to conduct Two Days Workshop on "Software Testing"**

**dated  30/09/2023 to 01/10/2023.**

Respected Sir,

As you may be aware, Shri Someshwar Shikshan Prasark  Mandal's, Sharadchandra Pawar College of Engineering & Technology  Someshwarnagar is one of the most reputed Engineering Institutions in Savitribai Phule Pune University And known for  its  excellent record in academics and co-curricular activities. The college offers Bachelor degree Course in Mechanical, civil Electrical & Computer.

We are requesting you to conduct Two days Workshop  on **"Software Testing"** at Sharadchandra Pawar College of Engineering & Technology Someshwarnagar on  dated 30/09/2023 to 01/10/2023.We kindly request you to accept our invitation and guide our Computer Engineering students related to software testing.

Thanking You,    Accepted:

Yours Faithfully

PRINCIPAL
Sharadchandra Pawar College of Engineering & Technology
Someshwarnagar, Tal. Baramati, Dist. Pune (Pin : 412 306)

Ref.No : SSPM/SPCOET/      /2022-23

Date :      /    /2023

## WORKSHOP ON:Sodtware Testing & Quality Assurance

**1.Date:** 30/09/2023 and 01/10/2023

**2.Expert Detail Name:** Mr.Vishal Katore
**Designation:** Software tester Om V Sab IT solution Pune

**Organization**: Om V Sab IT solution Pune

**Total Experience:** 6 years
**3.Brief details of the event:** The workshop was organised by SPCOETs Department of Computer Engineering on 30/09/2023 and 01/10/2023 by mr Vishal katore software tester pf Om V Sab It solution pune.

**4.Response of the audience/ learning for the students:**
It was nice learning experience for students and they thoroughly enjoyed the session.

**5.Faculty Coordinator Name:** Prof.Ghadge S.V.

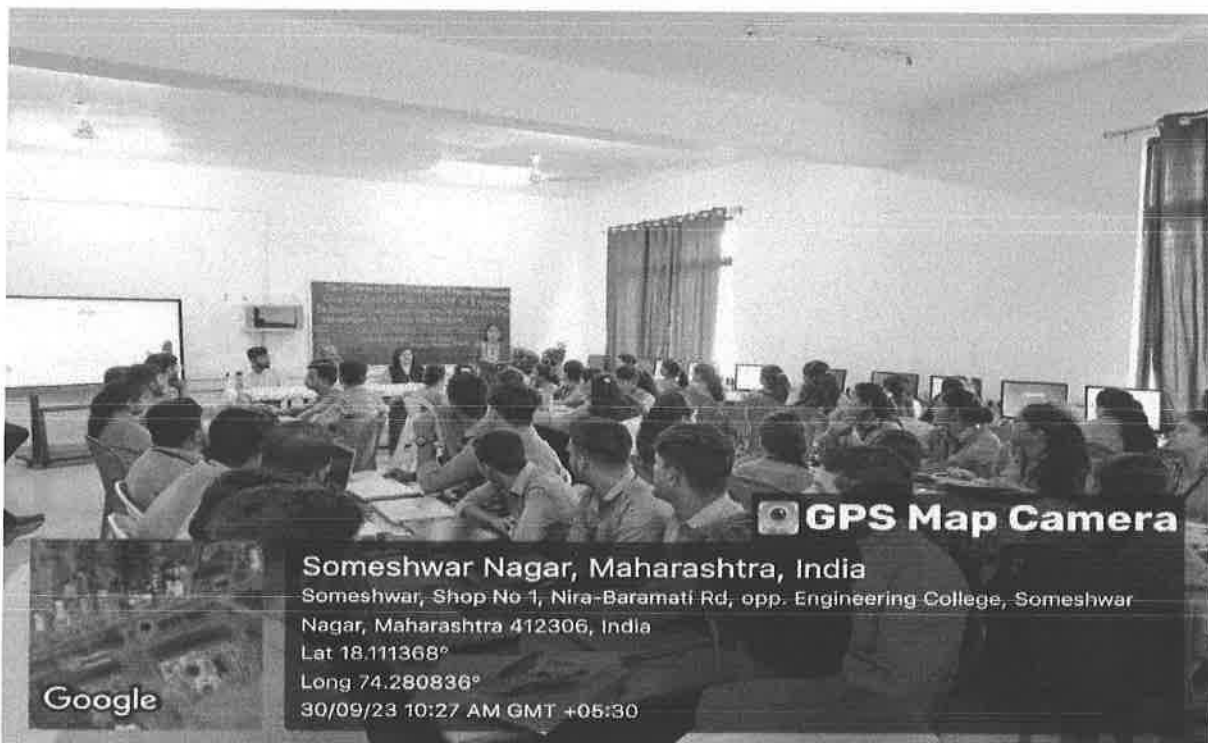**6.Number of Participants:**90

**7.Learning Objectives:**
    1.To install and run the selenium.
    2.Create and execute java programs.
    3.Understand the concepts of automation testing.

**Shri. Someshwar Shikshan Prasarak Mandal's,**

**Sharadchandra Pawar College of Engineering and Technology Someshwarnagar.**

## DEPARTMENT OF COMPUTER ENGINEERING

## TWO DAYS WORKSHOP ON "SOFTWARE TESTING"



Someshwar Nagar, Maharashtra, India
303, WAGHALWADI SOMESHWARNAGAR, Someshwar Nagar, Maharashtra 412306, India
Lat 18.110909°
Long 74.281216°
01/10/23 11:05 AM GMT +05:30



Someshwar Nagar, Maharashtra, India
Someshwar, Shop No 1, Nira-Baramati Rd, opp. Engineering College, Someshwar Nagar, Maharashtra 412306, India
Lat 18.111368°
Long 74.280836°
30/09/23 10:27 AM GMT +05:30

**Date:** 30/09/2023 and 01/10/2023

1. **Expert Detail Name:** Mr.Vishal Katore

Designation: Manager OM VSab IT Solution Karvenagar, Pune.

Organization: OM VSab IT Solution Karvenagar, Pune.

Total Experience:7 Years

## 2. Brief details of the Event:

The workshop was organized by the Sharadchandra Pawar College of Engineering and technologies Department of Computer engineering on 30/09/2023 and 01/10/2023. Mr. Vishal Katore presided over as the guest speaker and the topic of his discussion was "software Testing" during which various techniques of software testing.

## 3. Response of the audience/learning for the students:

It was nice learning experience for students and they thoroughly enjoyed the session.

## 4. Faculty Coordinator Name: Prof. Ghadage S.V.

## 5. Number of Participants: 100 students and 8 faculty

## 6. Learning Objectives:

1. To learn the basic concepts of software testing.

2. Installation of the selenium automation tool.

3. Understand the concepts of automation testing.

Workshop Co-ordinator

HOD

Ref. No. SUI/18/SPI                                    Date : 18 / 04 / 2024

The Principal
SPCOET, Someshwar nagar
Tal- Baramati, Dist- Pune

Respected Sir,

Subject :- Industrial Training / Internship Program.

We are from Squirrel's info tech group. We are really happy to inform you that we will conduct IT Industrial, Training for Diploma & Degree Students we will provide training in various sector i.e. C, C++, JAVA, Python, DM, WebTech, Machine Learning approach, AI, & Upcoming Technology and Softskill in various Domains. to full fill the gap between IT industry and education sector . As per your Academic requirements. we will provide the training, so consider our training request .

Director
SQUIRREL'S INFOTECH

Industry Co-Ordinator
SQUIRREL'S INFOTECH

Yours Faithfully

SQUIRREL'S INFOTECH

# SQUIRREL'S INFOTECH
## FEEDBACK FORM

Q.1) Overall feedback of Training?

So, the Overall training was very good. I have attended many workshops but this was the best one. In this training I learned about html, CSS, Javascript from the every basic steps. from this training of three days i have learned lot of things. and also heard about your experience.

Q.2) Rating out of 10 for training ...?

10/10
Communication, teaching technique, understanding everything is good.

Q.3) Your Value able Comments

Hope so you will come again with your valuable knowledge.