Subject: Database Management Systems          Subject Code: 314442

Subject Teacher: Prof. Niraja Jain          Acad. Year: 2017-18 (Semester –I)

## Teaching Plan

| | | Name of the topic | Proposed date | Actual date | References |
|---|---|---|---|---|---|
| 1 | **Unit I 8 hrs** | **INTRODUCTION TO DBMS:** **Introduction**: Database Concepts, Database System Architecture, Data Modeling: Data Models | 15/6/2017 | | T1,T2,R1, R2, R3, R4 , R5 |
| 2 | | Basic Concepts, entity, attributes, relationships, constraints, keys. | 16/6/2017 | | T1,T2,R1, R2, R3, R4 , R5 |
| 3 | | **E-R and EER diagrams**: Components of E-R Model, conventions, converting E-R diagram into tables | 19/6/2017 | | T1,T2,R1, R2, R3, R4 , R5 |
| 4 | | EER Model components, converting EER diagram into tables, legacy system model | 21/6/2017 | | T1,T2,R1, R2, R3, R4 , R5 |
| 5 | | **Relational Model**: Basic concepts, Attributes and Domains, Codd's Rules | 22/6/2017 | | T1,T2,R1, R2, R3, R4 , R5 |
| 6 | | **Relational Integrity**: Domain, Entity, Referential Integrities, Enterprise Constraints, Schema Diagram. | 23/6/2017 | | T1,T2,R1, R2, R3, R4 , R5 |
| 7 | | **Relational Algebra**: Basic Operations, Selection, projection, joining, outer join, union, difference | 28/6/2017 | | T1,T2,R1, R2, R3, R4 , R5 |
| 8 | | Intersection, Cartesian product, division operations (examples of queries in relational algebraic using symbols) | 29/6/2017 | | T1,T2,R1, R2, R3, R4 , R5 |
| 9 | **Unit II 8 hrs** | **DATABASE DESIGN AND SQL:** **Database Design**: Functional Dependency, Purpose of Normalization, Data Redundancy and Update Anomalies | 30/6/2017 | | T1,T2,R1, R2, R3, R4 , R5 |
| 10 | | Single Valued Normalization: 1NF, 2NF, 3NF, BCNF. Decomposition: lossless join decomposition and dependency preservation | 3/7/2017 | | T1,T2,R1, R2, R3, R4 , R5 |
| 11 | | Multi valued Normalization (4NF), Join Dependencies and the Fifth Normal Form. | 5/7/2017 | | T1,T2,R1, R2, R3, R4 , R5 |
| 12 | | Introduction to SQL: Characteristics and advantages, SQL Data Types and Literals, DDL, DML, DCL, SQL Operators | 6/7/2017 | | T1,T2,R1, R2, R3, R4 , R5 |
| 13 | | **Tables**: Creating, Modifying, Deleting, Views: Creating, Dropping, Updating using Views, Indexes, Nulls | 7/7/2017 | | T1,T2,R1, R2, R3, R4 , R5 |
| 14 | | **SQL DML Queries**: SELECT Query and clauses, Set Operations, Predicates and Joins, Set membership, Tuple Variables | 10/7/2017 | | T1,T2,R1, R2, R3, R4 , R5 |
| 15 | | **Set** comparison, Ordering of Tuples, Aggregate Functions, Nested Queries | 12/7/2017 | | T1,T2,R1, R2, R3, R4 , R5 |
| 16 | | **Database Modification** using SQL Insert, Update and | 13/7/2017 | | T1,T2,R1, R2, R3, |

| | | | | | |
|---|---|---|---|---|---|
| | | Delete Queries | | | **R4 , R5** |
| 17 | **Unit III 8 hrs** | **QUERY PROCESSING AND DATABASE TRANSACTIONS:** **Query Processing:** Overview, Measures of query cost, Evaluation of expression, | 14/7/2017 | | **T1,T2,R1, R2, R3, R4 , R5** |
| 18 | | Materialization and Pipelining algorithm. | 17/7/2017 | | **T1,T2,R1, R2, R3, R4 , R5** |
| 19 | | **Transaction**: Basic concept of a Transaction, Transaction Management, Properties of Transactions | 19/7/2017 | | **T1,T2,R1, R2, R3, R4 , R5** |
| 20 | | Concept of Schedule, Serial Schedule | 20/7/2017 | | **T1,T2,R1, R2, R3, R4 , R5** |
| 21 | | **Serializability:** Conflict and View, Cascaded Aborts, | 21/7/2017 | | **T1,T2,R1, R2, R3, R4 , R5** |
| **22** | | Recoverable and No recoverable Schedules. | 24/7/2017 | | **T1,T2,R1, R2, R3, R4 , R5** |
| 23 | | Concept of Stored Procedures, Cursors, Triggers, assertions, roles and privileges | 26/7/2017 | | **T1,T2,R1, R2, R3, R4 , R5** |
| 24 | | **Programmatic SQL:** Embedded SQL, Dynamic SQL, Advanced SQL-Programming in **MYSQL** | 27/7/2017 | | **T1,T2,R1, R2, R3, R4 , R5** |
| 25 | **Unit IV 8 hrs** | **CONCURRENCY CONTROL AND ADVANCED DATABASES:** **Concurrency Control:** Need, Locking Methods, Deadlocks | 28/7/2017 | | **T1,T2,R1, R2, R3, R4 , R5** |
| 26 | | Time-stamping Methods, and Optimistic Techniques | 31/7/2017 | | **T1,T2,R1, R2, R3, R4 , R5** |
| 27 | | **Recovery Methods:** Shadow-Paging and Log-Based Recovery | 2/8/2017 | | **T1,T2,R1, R2, R3, R4 , R5** |
| 28 | | Checkpoints, Performance Tuning | 3/8/2017 | | **T1,T2,R1, R2, R3, R4 , R5** |
| 29 | | **Query Optimization** with respect to SQL Database. | 14/8/2017 | | **T1,T2,R1, R2, R3, R4 , R5** |
| 30 | | **Database Architectures:** Centralized and Client-Server Architectures, 2 Tier and 3 Tier Architecture | 16/8/2017 | | **T1,T2,R1, R2, R3, R4 , R5** |
| 31 | | Introduction to **Parallel Databases**, Key elements of Parallel Database Processing, Architecture of Parallel Databases | 17/8/2017 | | **T1,T2,R1, R2, R3, R4 , R5** |
| 32 | | Introduction to **Distributed Databases**,Architecture of Distributed Databases, Distributed Database Design | 18/8/2017 | | **T1,T2,R1, R2, R3, R4 , R5** |
| 33 | **Unit V 8 hrs** | **LARGE SCALE DATA MANAGEMENT:** **Emerging Database Technologies:** Introduction to No SQL Databases- Internet Databases, Cloud Databases, Mobile Databases | 21/8/2017 | | **T1,T2,R1, R2, R3, R4 , R5** |
| 34 | | SQLite Database, XML Databases, MongoDB | 23/8/2017 | | **T1,T2,R1, R2, R3, R4 , R5** |
| 35 | | **Introduction to Big Data and XML:** DTD, XML Schemas, XQuery, XPath | 24/8/2017 | | **T1,T2,R1, R2, R3, R4 , R5** |
| 36 | | **JSON:** Overview, Data Types, Objects, Schema, JSON with Java/PHP/Ruby/Pytho**n** | 28/8/2017 | | **T1,T2,R1, R2, R3, R4 , R5** |
| 37 | | **Hadoop:** HDFS, Dealing with Massive Datasets- | 30/8/2017 | | **T1,T2,R1, R2, R3,** |

| | | | | | R4 , R5 |
|---|---|---|---|---|---|
| **38** | | Map Reduce and Hadoop | 31/8/2017 | | T1,T2,R1, R2, R3, R4 , R5 |
| 39 | | **Introduction to HBase:** Overview, HBase Data Model | 1/9/2017 | | T1,T2,R1, R2, R3, R4 , R5 |
| 40 | | HBase Region, Hive | 4/9/2017 | | T1,T2,R1, R2, R3, R4 , R5 |
| 41 | **Unit VI 8 hrs** | **DATA WAREHOUSING AND DATA MINING:** **Data Warehousing:** Introduction, Evolution of Data Warehouse, Characteristics | 6/9/2017 | | T1,T2,R1, R2, R3, R4 , R5 |
| 42 | | Benefits, Limitation of Data Warehousing | 7/9/2017 | | T1,T2,R1, R2, R3, R4 , R5 |
| 43 | | Architecture and Components of Data Warehouse, Conceptual Models | 8/9/2017 | | T1,T2,R1, R2, R3, R4 , R5 |
| 44 | | Data Mart, OLAP | 11/9/2017 | | T1,T2,R1, R2, R3, R4 , R5 |
| 45 | | **Data Mining:** Process, Knowledge Discovery, | 13/9/2017 | | T1,T2,R1, R2, R3, R4 , R5 |
| 46 | | Goals of Data Mining, Data Mining Tasks, Association, Classification, Clustering, Big Data (Terminology and examples) | 14/9/2017 | | T1,T2,R1, R2, R3, R4 , R5 |
| 47 | | Clustering, Big Data (Terminology and examples) | 15/9/2017 | | T1,T2,R1, R2, R3, R4 , R5 |
| 48 | | Introduction to Machine learning for Big Data and Business Intelligence. | 18/9/2017 | | T1,T2,R1, R2, R3, R4 , R5 |

Prof. Niraja Jain
(Signature of Teacher)

Prof. Niraja Jain
(Head of Department)

**314442 : DATABASE MANAGEMENT SYSTEMS**

Teaching Scheme :          Lectures: 4 Hours/Week
Credits :                  04
Examination Scheme:        In-Semester : 30 Marks
                           End-Semester: 70 Marks

**Prerequisites:**
    1. Data structures.
    2. Discrete structures.

**Course Objectives :**
    1. To understand the fundamental concepts of database management. These concepts include aspects of database design, database languages, and database-system implementation.
    2. To provide a strong formal foundation in database concepts, technology and practice.
    3. To give systematic database design approaches covering conceptual design, logical design and an overview of physical design.
    4. To be familiar with the basic issues of transaction processing and concurrency control.
    5. To learn and understand various Database Architectures and Applications.
    6. To understand how analytics and big data affect various functions now and in the future.

**Course Outcomes :**
    1. To define basic functions of DBMS & RDBMS.
    2. To analyze database models & entity relationship models.
    3. To design and implement a database schema for a given problem-domain.
    4. To populate and query a database using SQL DML/DDL commands.
    5. Do Programming in PL/SQL including stored procedures, stored functions, cursors and packages.
    6. To appreciate the impact of analytics and big data on the information industry and the external ecosystem for analytical and data services.

**Text Books:**

1. Silberschatz A., Korth H., Sudarshan S., "Database System Concepts", 4th Edition, McGraw Hill Publishers, 2002, ISBN 0-07-120413-X
2. Elmasri R., Navathe S., "Fundamentals of Database Systems", 4th Edition, Pearson Education, 2003, ISBN 8129702282

**Reference Books:**

1. Rab P. Coronel C. "Database Systems Design, Implementation and Management", 5th Edition, Thomson Course Technology, 2002, ISBN 981-243-135-7
2. Connally T., Begg C., "Database Systems", 3rd Edition, Pearson Education, 2002, ISBN 81-7808-861-4
3. Date C., "An Introduction to Database Systems", 7th Edition, Pearson Education, 2002, ISBN 81 -7808-231- 4
4. Ramkrishna R., Gehrke J., "Database Management Systems", 3rd Edition, McGraw-Hill, 2003, ISBN 0-07- 123151 –X
5. Atul Kahate, "Introduction to Database Management System", 3rd Edition, Pearson Education 2009, ISBN 978-81-317-0078-

Subject: Machine Learning                                       Subject Code: 414455

Subject Teacher: Prof Niraja Jain                         Theory: In Semester– 30 Marks

Lectures: 4 Hours/Week                                          End Semester– 70 Marks

**Prerequisites : Linear Algebra and Calculus, Probability Basics**

**Course Objectives :**

1. Understanding Human learning aspects.
2. Understanding primitives in learning process by computer.
3. Understanding nature of problems solved with Machine Learning.

**Course Outcomes :**

1. Students will be able to model the learning primitives.
2. Students will be able to build the learning model.
3. Student will be able to tackle real world problems in the domain of Data Mining, Information Retrieval, Computer vision, Linguistics and Bioinformatics.

**Text Books**

1. Peter Flach: Machine Learning: The Art and Science of Algorithms that Make Sense of Data, Cambridge University Press, Edition 2012.
2. Hastie, Tibshirani, Friedman: Introduction to Statistical Machine Learning with Applications in R, Springer, 2nd Edition-2012.

**Reference Books**

1. C. M. Bishop : Pattern Recognition and Machine Learning, Springer 1st Edition-2013.
2. Ethem Alpaydin : Introduction to Machine Learning, PHI 2nd Edition-2013.
3. Parag Kulkarni : Reinforcement and Systematic Machine Learning for Decision Making, Wiley-IEEE Press, Edition July 2012.

Subject: Machine Learning                    Subject Code: 414455

Subject Teacher: Prof. Niraja Jain           Acad. Year: 2017-18 (Semester –I)

## Teaching Plan

| Sr No | Unit | Topic To Be Covered | Planned Date | Actual Date | Reference |
|---|---|---|---|---|---|
| 1. | **Unit I 7 Hours** | **Introduction To Machine Learning** Why Machine Learning, Examples Of Machine Learning Problems, Structure Of Learning | 16/6/2017 | | T1,T2 R1,R2,R3 |
| 2. | | Learning Versus Designing, Training Versus Testing | 17/6/2017 | | T1,T2 R1,R2,R3 |
| 3. | | Characteristics Of Machine Learning Tasks, Predictive And Descriptive Tasks | 19/6/2017 | | T1,T2 R1,R2,R3 |
| 4. | | Machine Learning Models: Geometric Models | 20/6/2017 | | T1,T2 R1,R2,R3 |
| 5. | | Logical Models, Probabilistic Models | 23/6/2017 | | T1,T2 R1,R2,R3 |
| 6. | | Features: Feature Types, Feature Construction And Transformation, | 24/6/2017 | | T1,T2 R1,R2,R3 |
| 7. | | Feature Selection | 27/6/2017 | | T1,T2 R1,R2,R3 |
| 8. | **Unit Ii 8 Hours** | **Classification And Regression** Classification: Binary Classification- Assessing Classification Performance | 30/6/2017 | | T1,T2 R1,R2,R3 |
| 9. | | Class Probability Estimation- Assessing Class Probability Estimates, | 1/7/2017 | | T1,T2 R1,R2,R3 |
| 10. | | Multiclass Classification | 3/7/2017 | | T1,T2 R1,R2,R3 |
| 11. | | Regression: Assessing Performance Of Regression- Error Measures, Overfitting- Catalysts For Overfitting, | 4/7/2017 | | T1,T2 R1,R2,R3 |
| 12. | | Case Study Of Polynomial Regression | 7/7/2017 | | T1,T2 R1,R2,R3 |
| 13. | | Theory Of Generalization: Effective Number Of Hypothesis, Bounding The Growth Function, | 8/7/2017 | | T1,T2 R1,R2,R3 |
| 14. | | Vc Dimensions, | 10/7/2017 | | T1,T2 R1,R2,R3 |
| 15. | | Regularization Theory | 11/7/2017 | | T1,T2 R1,R2,R3 |
| 16. | **Unit Iii 7 Hours** | **Linear Models** Least Squares Method, Multivariate Linear Regression | 14/7/2017 | | T1,T2 R1,R2,R3 |
| 17. | | Regularized Regression Using Least Square | 15/7/2017 | | T1,T2 R1,R2,R3 |
| 18. | | Regression For Classification. Perceptron | 17/7/2017 | | T1,T2 R1,R2,R3 |
| 19. | | Support Vector Machines | 18/7/2017 | | T1,T2 R1,R2,R3 |
| 20. | | Support Vector Machines ,SOFT Margin Svm | 21/7/2017 | | T1,T2 R1,R2,R3 |
| 21. | | Obtaining Probabilities From Linear Classifiers | 22/7/2017 | | T1,T2 R1,R2,R3 |

| | | | | | |
|---|---|---|---|---|---|
| 22. | | Kernel Methods For Non-Linearity | 24/7/2017 | | T1,T2 R1,R2,R3 |
| 23. | **Unit Iv 6 Hours** | **Logic Based And Algebraic Models** Distance Based Models: Neighbours And Examples, Nearest Neighbours Classification | 25/7/2017 | | T1,T2 R1,R2,R3 |
| 24. | | Distance Based Clustering-K Means Algorithm, Hierarchical Clustering | 28/7/2017 | | T1,T2 R1,R2,R3 |
| 25. | | Rule Based Models: Rule Learning For Subgroup Discovery | 29/7/2017 | | T1,T2 R1,R2,R3 |
| 26. | | Association Rule Mining | 31/7/2017 | | T1,T2 R1,R2,R3 |
| 27. | | Tree Based Models: Decision Trees, Ranking And Probability Estimation Trees, | 1/8/2017 | | T1,T2 R1,R2,R3 |
| 28. | | Regression Trees, Clustering Trees. | 14/8/2017 | | T1,T2 R1,R2,R3 |
| 29. | **Unit V** 6 Hours | **Probabilistic Models** Normal Distribution And Its Geometric Interpretations | 18/8/2017 | | T1,T2 R1,R2,R3 |
| 30. | | Naïve Bayes Classifier | 19/8/2017 | | T1,T2 R1,R2,R3 |
| 31. | | Discriminative Learning With Maximum Likelihood | 21/8/2017 | | T1,T2 R1,R2,R3 |
| 32. | | Probabilistic Models With Hidden Variables: Estimation-Maximization Methods | 22/8/2017 | | T1,T2 R1,R2,R3 |
| 33. | | Gaussian Mixtures | 26/8/2017 | | T1,T2 R1,R2,R3 |
| 34. | | Compression Based Models | 28/8/2017 | | T1,T2 R1,R2,R3 |
| 35. | **Unit Vi 8 Hours** | **Trends In Machine Learning** Model And Symbols- Bagging And Boosting, | 29/8/2017 | | T1,T2 R1,R2,R3 |
| 36. | | Multitask Learning | 1/9/2017 | | T1,T2 R1,R2,R3 |
| 37. | | Online Learning | 4/9/2017 | | T1,T2 R1,R2,R3 |
| 38. | | Sequence Prediction | 5/9/2017 | | T1,T2 R1,R2,R3 |
| 39. | | Data Streams And Active Learning | 8/9/2017 | | T1,T2 R1,R2,R3 |
| 40. | | Deep Learning | 9/9/2017 | | T1,T2 R1,R2,R3 |
| 41. | | Reinforcement Learning | 11/9/2017 | | T1,T2 R1,R2,R3 |
| 42. | | Reinforcement Learning | 12/9/2017 | | T1,T2 R1,R2,R3 |

**Prof Niraja Jain**
**Subject Teacher**

**Prof Niraja Jain**
**Head of Department**

# Savitribai Phule Pune University

## Formerly University Of Pune

**First half of the year,2019**

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19072600030

**26/07/2019 07:00**

Jain Niraja Ravindra

Pune District Education Association College of Engineering,Manjari Budruk Addr: Hadapsar-Manjari Road,Manjari Bk,Pune-412307 Ta: Pune (corporation Area) Dist: Pune

Mobile No. : 9823072774          Email : nirajajain@rediffmail.com

Sir/ Madam,

1. The University Authorities have been pleased to appoint you for the Chairman, in the subject of :-

| Post Name | Examination | Paper / Subject | Chairman | Important Dates |
|---|---|---|---|---|
| Chairman<br><br>**Appt NO.**<br>19111915 | TE 2012 (Insem)<br><br>(Theory)<br><br>BOS:Information Technology | Paper- Database Management Systems (314443) ,<br>TE 2012 | **Jain Niraja Ravindra**<br>Pune District Education Association College of Engineering,Manjari Budruk Addr: Hadapsar-Manjari Road,Manjari Bk,Pune-412307 Ta: Pune (corporation Area) Dist: Pune<br>**9823072774** | **Theory Exam**<br>06.03.19<br>**P.S. Meetings**<br>20.02.19 To 21.02.19<br>**Manuscript Submission**<br>21.02.19 |

2. This appointment is based on certain assumptions and subject to respective provisions of Maharashtra Public Universities Act, 2016 and Statutes/ Ordinances, Rule and Regulations framed thereunder.

   It shall be obligatory on every teacher and on the non-teaching employee of the University, affiliated, conducted colleges, community colleges or recognized institution to render necessary assistance and service in respect of examination of the university and evaluation of students as prescribed by statutes. If any teacher or non-teaching employee fails to comply with the order of the university or colleges or institution , in this respect, it shall be treated as misconduct and the employee shall be liable for disciplinary action.in case of failure on the part of the teacher or non-teaching employee of any affiliated college, conducted college , community college or recognized institution, to comply with the order of the university in this respect, the vice-chancellor shall have power to take an appropriate action against them, which may include imposing penalties including suspension of approval to the appointment of a teacher, as may be prescribed by Statutes.

3. Please put yourself in communication with your Chairman immediately in regard to the meeting of the paper setting.

4. If required, you will be called by the Director, Central Assessment Programme for Central Assessment.

5. Please intimate the Director,Board of Examination and Evaluation , Savitribai Phule Pune University, Ganeshkhind, Pune 411 007, in case you are holding the other appointments of this University, if any.

6. Any change in the address, phone no., email address etc may please be communicated to both, the Chairman and the Co-ordination Section, Examination Branch, Savitribai Phule Pune University, Ganeshkhind, Pune-7.

7. The TA/DA will be paid only to those paper-setters who will attened the meeting of the paper-setters on the invitation from the concerned chirman.  **Travel by car for attending meeting is not allowed**.

8. Please read and adhere to the enclosed important instructions.

9. _Note only for Pharmacy : External examiners appointed for B.Pharm (first year to fourth year) examination schedule in First half of 2019 are requested to please treat the order for the Colleges, having students of that particular year (first/second/third/fourth)_

I seek your co-operation.

Thanking You                                                                                    Yours,

**For Director,Board of Examination and Evaluation**

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_THIS IS A COMPUTER-GENERATED DOCUMENT AND IT DOES NOT REQUIRE A SIGNATURE. THIS  DOCUMENT SHALL NOT BE INVALIDATED SOLELY ON THE GROUND THAT IT IS NOT SIGNED._          8/16/2019 4:59:00 PM

To,
**The Principal/Directors,**
      **You are requested to relieve the teachers for paper setting. Also requested to communicate names of the teacher/s who remain absent for the work of paper setting, the said information is required for submission to the University Authorities for necessary action under the provisions of section 48(4) of the maharashtra Public Universityes Act,2016.**

*For early payment of examination remuneration work through ECS, you are requested to update your BCUD online teacher profile with Bank Account details. Also submit printed copy of same at the time of paper setting meeting. For details contact 020-25601388*

*Chairman has to attend  meeting before 45 mins  of schedule.*

*Paper setter payment will done through automated  NEFT/RTGS  service for which  please update your pancard ,bank account details and bank IFSC code in your teacher profile.`*

| Course Code | Course Name | Subject Code | Subject Name |
|---|---|---|---|
| 24813 | M.E. ( 2013 PAT.) | 604102 | WIRELESS & MOBILE TECHNOLOGIES |
| 25013 | M. COM. (2013) | 215 | BANKING LAW & PRACTICES |
| 70115 | F.E. (2015 COURSE) EXAMINATION | 102006 | ENGINEERING GRAPHICS  I |

8/16/2019 4:59:00 PM

To,

## Shirsath Somnath Shantilal

**College:** Pune District Education Association College of Engineering,Manjari Budruk Addr: Hadapsar-Manjari RoadManjari BkPun Ta: Pune (corporation Area) Dist: Pune

**Mobile No. :** 9960940323          **Email :** shirsath.somnath36@gmail.com

---

Sir/ Madam,

You have been appointed for Central Assessment Programme (CAP) details as follows

| Post Name | Examination | Paper / Subject | Chairman | Schedule Date |
|---|---|---|---|---|
| Examiner<br><br>**CAP Appt No.**<br>1810212530<br><br>IIIIIIIIIIIIIIIIIIII | BE 2012 (Endsem)<br><br>(Theory)<br><br>BOS:Mechanical Engineering | Exam - BE 2012 (Endsem) Paper-Design of Pumps, Blowers and Compressors (402050C) ,(Theory) | **Morankar Kamalakar Prabhakar** Amrutvahini Sheti And Shikshan Vikas Sanstha Amrutvahini Engineering College Addr: PO Sangamner SKsangmaner-422608 Ta: Sangamner Dist: Ahmednagar<br>**09421329888** | From : 29/05/2018 |

| | | |
|---|---|---|
| **CAP Center Name & Address** | : | All India Shri Shivaji Memorial Society Institute of Information Technology Addr: Kennedy Road Near RTO Ta: Pune (corporation Area) Dist: Pune |
| **Telephone No.** | : | 020-26057983 |
| **Email Id** | : | becap.ioit@gmail.com |
| **CAP Director** | : | **Name:** Mane Pradeep Bajrang<br>**Contact Person Mob No.:** 8275053999 |

**Please note that As per Maharashtra Public Universities Act, 2016 It shall be obligatory on every teacher and on the non-teaching employee of the university, affiliated, conducted or autonomous college or recognized institution to render necessary assistance and service in respect of examinations of the university. If any teacher or non-teaching employee fails to comply with the order of the university or college or institution, in this respect, it shall be treated as misconduct and the employee shall be liable for disciplinary action".**

I seek your co-operation.

Thanking You

Yours faithfully,

**For CAP Director**

**To,**
**The Principal/Directors,**
        **You are requested to relieve the teachers for paper setting. Also requested to communicate names of the teacher/s who remain absent for the work of paper setting, the said information is required for submission to the University Authorities for necessary action under the provisions of section 48(4) of the Maharashtra Universityes Act,2016.**

For early payment of examination work remuneration through ECS, you are requested to update your BCUD online teacher profile with financial details. Also submit printed copy of same at the time of paper setting meeting. For details contact 02025601235

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**examcoordination@unipune.ac.in**
**Web : http://www.unipune.ac.in**

**CO-ORDINATION SECTION**
**Ganeshkhind, Pune - 411 007**
**Maharashtra (INDIA)**

**Second half of the year,2019**

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**19082000411**

**20/08/2019 09:00**

Kamble Sushama Bhagavan

Pune District Education Association College of Engineering,Manjari Budruk Addr: Hadapsar-Manjari RoadManjari BkPun Ta: Pune (corporation Area) Dist: Pune

Mobile No. : 7741972082          Email : kamblesd2013@gmail.com

Sir/ Madam,

1. The University Authorities have been pleased to appoint you for the Chairman, in the subject of :-

| Post Name | Examination | Paper / Subject | Chairman | Important Dates |
|---|---|---|---|---|
| Chairman<br><br>**Appt NO.**<br>19208640 | BE 2015 (Endsem)<br><br>(Theory)<br><br>BOS:Electronics Engineering | Paper-Electronics System Design (404203) ,<br>(sem-I) | **Kamble Sushama Bhagavan**<br>Pune District Education Association College of Engineering,Manjari Budruk Addr: Hadapsar-Manjari RoadManjari BkPun Ta: Pune (corporation Area) Dist: Pune<br>**7741972082** | **Theory Exam**<br>14.11.19<br>**P.S. Meetings**<br>29.08.19 To 31.08.19<br>**Manuscript Submission**<br>31.08.19 |

2. This appointment is based on certain assumptions and subject to respective provisions of Maharashtra Public Universities Act, 2016 and Statutes/ Ordinances, Rule and Regulations framed thereunder.

   It shall be obligatory on every teacher and on the non-teaching employee of the University, affiliated, conducted colleges, community colleges or recognized institution to render necessary assistance and service in respect of examination of the university and evaluation of students as prescribed by statutes. If any teacher or non-teaching employee fails to comply with the order of the university or colleges or institution , in this respect, it shall be treated as misconduct and the employee shall be liable for disciplinary action.in case of failure on the part of the teacher or non-teaching employee of any affiliated college, conducted college , community college or recognized institution, to comply with the order of the university in this respect, the vice-chancellor shall have power to take an appropriate action against them, which may include imposing penalties including suspension of approval to the appointment of a teacher, as may be prescribed by Statutes.

3. Please put yourself in communication with your Chairman immediately in regard to the meeting of the paper setting.

4. If required, you will be called by the Director, Central Assessment Programme for Central Assessment.

5. Please intimate the Director,Board of Examination and Evaluation , Savitribai Phule Pune University, Ganeshkhind, Pune 411 007, in case you are holding the other appointments of this University, if any.

6. Any change in the address, phone no., email address etc may please be communicated to both, the Chairman and the Co-ordination Section, Examination Branch, Savitribai Phule Pune University, Ganeshkhind, Pune-7.

7. The TA/DA will be paid only to those paper-setters who will attened the meeting of the paper-setters on the invitation from the concerned chirman. **Travel by car for attending meeting is not allowed**.

8. Please read and adhere to the enclosed important instructions.

9. *Note only for Pharmacy : External examiners appointed for B.Pharm (first year to fourth year) examination schedule in Second half of the year,2019 are requested to please treat the order for the Colleges, having students of that particular year (first/second/third/fourth)*

I seek your co-operation.

Thanking You

Yours,

9/24/2019 2:27:24 PM

To,

**The Principal/Directors,**

     **You are requested to relieve the teachers for paper setting. Also requested to communicate names of the teacher/s who remain absent for the work of paper setting, the said information is required for submission to the University Authorities for necessary action under the provisions of section 48(4) of the maharashtra Public Universityes Act,2016.**

*For early payment of examination remuneration work through ECS, you are requested to update your BCUD online teacher profile with Bank Account details. Also submit printed copy of same at the time of paper setting meeting. For details contact 020-25601388*

*Chairman has to attend  meeting before 45 mins  of schedule.*

*Paper setter payment will done through automated  NEFT/RTGS  service for which  please update your pancard ,bank account details and bank IFSC code in your teacher profile.`*

| Course Code | Course Name | Subject Code | Subject Name |
|---|---|---|---|
| 24813 | M.E. ( 2013 PAT.) | 604102 | WIRELESS & MOBILE TECHNOLOGIES |
| 25013 | M. COM. (2013) | 215 | BANKING LAW & PRACTICES |
| 70115 | F.E. (2015 COURSE) EXAMINATION | 102006 | ENGINEERING GRAPHICS  I |

9/24/2019 2:27:24 PM

**Phone : 020-25601206**
**Fax : 020-25601206**
**Email :**
**examcoordination@unipune.ac.in**
**Web : http://www.unipune.ac.in**

**CO-ORDINATION SECTION**
**Ganeshkhind, Pune - 411 007**
**Maharashtra (INDIA)**

**Second half of the year,2019**

**25/07/2019 07:00**

19072500169

Kamble Sushama Bhagavan

Pune District Education Association College of Engineering,Manjari Budruk Addr: Hadapsar-Manjari RoadManjari BkPun Ta: Pune (corporation Area) Dist: Pune

Mobile No. : 7741972082          Email : kamblesd2013@gmail.com

Sir/ Madam,

1. The University Authorities have been pleased to appoint you for the Chairman, in the subject of :-

| Post Name | Examination | Paper / Subject | Chairman | Important Dates |
|---|---|---|---|---|
| Chairman<br><br>**Appt NO.**<br>19207974 | BE 2015 (Insem) Sem I<br><br>(Theory)<br><br>BOS:Electronics<br>Engineering | Paper-Electronics System Design (404203) ,<br>(sem-I) | **Kamble Sushama Bhagavan**<br>Pune District Education Association College of Engineering,Manjari Budruk Addr: Hadapsar-Manjari RoadManjari BkPun Ta: Pune (corporation Area) Dist: Pune<br>**7741972082** | **Theory Exam**<br>19.08.19<br>**P.S. Meetings**<br>29.07.19 To 30.07.19<br>**Manuscript Submission**<br>30.07.19 |

2. This appointment is based on certain assumptions and subject to respective provisions of Maharashtra Public Universities Act, 2016 and Statutes/ Ordinances, Rule and Regulations framed thereunder.

   It shall be obligatory on every teacher and on the non-teaching employee of the University, affiliated, conducted colleges, community colleges or recognized institution to render necessary assistance and service in respect of examination of the university and evaluation of students as prescribed by statutes. If any teacher or non-teaching employee fails to comply with the order of the university or colleges or institution , in this respect, it shall be treated as misconduct and the employee shall be liable for disciplinary action.in case of failure on the part of the teacher or non-teaching employee of any affiliated college, conducted college , community college or recognized institution, to comply with the order of the university in this respect, the vice-chancellor shall have power to take an appropriate action against them, which may include imposing penalties including suspension of approval to the appointment of a teacher, as may be prescribed by Statutes.

3. Please put yourself in communication with your Chairman immediately in regard to the meeting of the paper setting.

4. If required, you will be called by the Director, Central Assessment Programme for Central Assessment.

5. Please intimate the Director,Board of Examination and Evaluation , Savitribai Phule Pune University, Ganeshkhind, Pune 411 007, in case you are holding the other appointments of this University, if any.

6. Any change in the address, phone no., email address etc may please be communicated to both, the Chairman and the Co-ordination Section, Examination Branch, Savitribai Phule Pune University, Ganeshkhind, Pune-7.

7. The TA/DA will be paid only to those paper-setters who will attened the meeting of the paper-setters on the invitation from the concerned chirman.  **Travel by car for attending meeting is not allowed**.

8. Please read and adhere to the enclosed important instructions.

9. *Note only for Pharmacy : External examiners appointed for B.Pharm (first year to fourth year) examination schedule in Second half of the year,2019 are requested to please treat the order for the Colleges, having students of that particular year (first/second/third/fourth)*

I seek your co-operation.

Thanking You                                                                            Yours,

9/24/2019 2:24:55 PM

To,

The Principal/Directors,

You are requested to relieve the teachers for paper setting. Also requested to communicate names of the teacher/s who remain absent for the work of paper setting, the said information is required for submission to the University Authorities for necessary action under the provisions of section 48(4) of the maharashtra Public Universityes Act,2016.

*For early payment of examination remuneration work through ECS, you are requested to update your BCUD online teacher profile with Bank Account details. Also submit printed copy of same at the time of paper setting meeting. For details contact 020-25601388*

*Chairman has to attend  meeting before 45 mins  of schedule.*

*Paper setter payment will done through automated  NEFT/RTGS  service for which  please update your pancard ,bank account details and bank IFSC code in your teacher profile.`*

| Course Code | Course Name | Subject Code | Subject Name |
|---|---|---|---|
| 24813 | M.E. ( 2013 PAT.) | 604102 | WIRELESS & MOBILE TECHNOLOGIES |
| 25013 | M. COM. (2013) | 215 | BANKING LAW & PRACTICES |
| 70115 | F.E. (2015 COURSE) EXAMINATION | 102006 | ENGINEERING GRAPHICS  I |

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**Department of Instrumentation & Control Engineering**    Year 2017-18     Semester-II

Date: 04/2018

Class-S.E

**Dear Student,**

Your considered feedback over the performance of the teacher is required on the basis of questions given below. Please provide your assignment by putting ✓ mark. Mention the total of each point and grand total for the respective subject using multiplying Factor(MF) and marks.

| Sr No. | Name of Teacher / Subject / Question | M / F | PVW ST-II/ID | | | | | | MCP EI(TH) | | | | | | ATB DT(TH) | | | | | | STS ACS | | | | | | STS ACS | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 4 | 3 | 2 | 1 | 0 | Total | 4 | 3 | 2 | 1 | 0 | Total | 4 | 3 | 2 | 1 | 0 | Total | 4 | 3 | 2 | 1 | 0 | Total | 4 | 3 | 2 | 1 | 0 | Total |
| 1. | How prepared is the teacher in every theory class? | 3 | ✓ | | | | | | ✓ | | | | | | ✓ | | | | | | ✓ | | | | | | | | | | | |
| 2. | How effective is the teaching presentation of the teacher? | 3 | ✓ | | | | | | | ✓ | | | | | | ✓ | | | | | | ✓ | | | | | | | | | | | |
| 3. | Are the concepts & principles understandable? | 3 | ✓ | | | | | | | ✓ | | | | | | ✓ | | | | | | | ✓ | | | | | | | | | | |
| 4. | How satisfied are you the way courses are covered? | 3 | ✓ | | | | | | | ✓ | | | | | | ✓ | | | | | | ✓ | | | | | | | | | | | |
| 5. | Is Teacher giving & assessing homework/Assignments on each Unit? | 3 | ✓ | | | | | 60 | ✓ | | | | | 57 | ✓ | | | | | | | ✓ | | | | 51 | | | | | | |
| 6. | How punctual is the teacher in engaging theory class? | 2 | | ✓ | | | | 36 | | ✓ | | | | 38 | | ✓ | | | | | | ✓ | | | | 40 | | | | | | |
| 7. | Does Teacher allows you to be active in the classroom learning Environment? | 2 | | ✓ | | | | | | ✓ | | | | | | ✓ | | | | | | ✓ | | | | | | | | | | | |
| 8. | How available is the teacher for help & guidance for the subject? | 2 | ✓ | | | | | | | | ✓ | | | | | ✓ | | | | | | ✓ | | | | | | | | | | | |
| 9. | How effective is the teaching in preparing for examination? | 2 | ✓ | | | | | | | ✓ | | | | | | ✓ | | | | | | ✓ | | | | | | | | | | | |
| 10. | How does the teacher satisfy your questions? | 2 | ✓ | | | | | | | ✓ | | | | | ✓ | | | | | | | ✓ | | | | | | | | | | | |
| | **Grand Total** | | | | | | | 96 | | | | | | 95 | | | | | | 100 | | | | | | 91 | | | | | | |
| 11. | Topics which are not covered in respective subjects. (You can mention on separate page). | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Rating:- 4—Excellent 3—Very Good 2—Satisfactory 1—Unsatisfactory 0—Very Poor

HOD.      Dean Academic      PRINCIPAL

# ALUMNI INTERACTION WITH STUDENTS

Name: Mr NISHANT MODI

Organization: Xorient Solutions, Baner

Profile: Software Developer

Experience: 2.5 yrs.

Objective of Interaction:
1) Motivate students towards self-learning
2) Introduce students to the latest technological advancements.
3) Make students aware about the Industry trends.

Beneficieries of the program:
   SE / TE / BE Students

Highlights of the Discussion:
1) Enthusiastic participation of the students in the discussion regarding the current projects Mr. Nishant Modi is working with.

2) Students requested Mr Nishant Modi to guide them further in seeking the jobs in the current recruitment scenario.

Feedback of the Speaker after the interaction:

Student were very energetic and was very responsive to seminar.

Helped them to make habbit of solving Aptitude at daily basis

Conveyed them Importance of certification and how it helped me in my projects

Will Look forward, to provide Students with any job oppurtunity available in my organization.

HOD (IT)

# Alumni Interaction

Name: Mr. Nishant Mudi
(2014 pass out)

Organization: Xoriant Solutions
Baner

Profile : Python Developer

Experience : 3+ years

Major Projects worked on:
1) SAP Citi   3) MorganStanley
2) Elinae

Suggestions towards new technologies
to be included in current syllabus:

1) Python 3.n — Practicals for Operating Sys.

2) Hadoop — DBMS/RDBMS alternative

3) .NET 4.5 — an alternative for Java tech.

**PDEA'S**
# College of Engineering, Manjari (Bk), Pune-412307
## ALUMNI FEEDBACK (EXIT SURVEY)

Dear Alumni,

We are glad that you have spent valuable years pursuing courses of your choice at PDEA's COEM, Manjari. We shall be thankful if you can spare some of your valuable time to fill up this feedback form and give us valuable suggestions for further improvement of the College. Your valuable inputs will be of great use to improve the quality of our academic programs and enhancethe credibility of our **PDEA's College Of Engineering Manjari(Bk.).**

Thank You.

Principal,

P.D.E.A.'s COEM.Hadapsar - Pune.

---

### Alumni Feedback Form

**Give ratings for each question as per the key provided below by tick**

| Attributes | Excellent | Very Good | Good | Average | Poor |
|---|---|---|---|---|---|
| Admission Procedure | ✓ | | | | |
| Environment | ✓ | | | | |
| Infrastructure &Facilities | | ✓ | | | |
| Faculty Quality | ✓ | | | | |
| Project Guidance | ✓ | | | | |
| Quality of support material | | ✓ | | | |
| Training & Placement | | ✓ | | | |
| Library Facilities | ✓ | | | | |
| Canteen Facilities | | ✓ | | | |
| Hostel Facilities | | ✓ | | | |
| Your Network of Old Friends | ✓ | | | | |
| How do you rate the learning experience in terms of their relevance to the real life Application? | ✓ | | | | |
| Did you ever avail Career counseling and guidance for higher studies from College? | | ✓ | | | |
| How do you rate development activities organized by the Department/College for your overall development | ✓ | | | | |

Related to Programme Educational Objectives fulfilled by the Institute.
For each of the Program Educational Objectives (1-5) given below, which of the four statements (1-4) describes your understanding. Please tick any comments.

| Your assessment | Very little | Some extent | Quite a bit | Very much |
|---|---|---|---|---|
| Programme Educational Objectives | 1 | 2 | 3 | 4 |
| 1. Preparation: To educate students for graduate and postgraduate programmes and to succeed in their chosen related fields. | | | | ✓ |
| 2. Core Competence: To provide students with sound knowledge in their chosen area. | | | ✓ | |
| 3. Breadth: To train students with knowledge relating to an array of professional fields undertaken so as to comprehend, analyze, design, and create innovative products and find solutions to improve the quality of life. | | | | ✓ |
| 4. Professionalism: To create professionally superior and ethically strong global manpower and to uphold institutions. With effective communication skills, teamwork skills, Multi-disciplinary approach and an ability to improve the quality of life. | | | ✓ | |
| 5. Learning Environment: To create an intellectual environment for research and development aware of emerging technologies leading to continual learning needed for a successful professional career, to create a sense of excellence develop institutions and business leaders. | | | | ✓ |

Any other suggestions/comments: _____

_____

_____

Thank You for Your valuable time. Your inputs are of immense important to us.

Name: _____

Passing Year Allumuch 2014  IT

E-Mail ID: _____

Current Position & Company Name:

Degree:

Contact No. _____

_____
Signature

Pune District Education Association

## College of Engineering Manjari (Bk), Pune -412307

ALUMNI MEET

26th Jan 2017

### Registration Form

Department:-_____

| Sr.No | Name of Alumni | Year of Passing | Email ID | Contact No | Name of Organization Currently Working | Permanent address | Sign |
|---|---|---|---|---|---|---|---|
| 1 | Akshay Jadhav. | 2014 | akshay.jadhav@gmail.com. | 8421891798 | MBA - IIMP | PONE | Akshay |
| 2 | Godbole Devadatta | 2014 | devdatta.godbole 777@gmail.com. | 7709233603 | Walchand COE sangli | Pune. | Devadatta |
| 3 | Pol Sarika | 2014 | sarika.pol040@gmail.com | 9422619386 | Syntel. | Jamsut | Spol |
| 4 | Anagha Magar | 2012 | anagha-magar@yahoo.com. | | | PUNE | Anagha |
| 5 | Shendage Swapnil | 2012 | swapnil.shendage 007@gmail.com. | | | | Swapnil |
| 6 | Pradnya Pawar. | 2011. | p.praspeed@gmail.com | | | | Prathya |
| 7 | Sachin Biramane | 2010 | sachin007biramane@gmail.com. | 9823324876 | Cognizant | Pune. | Sachin |
| 8 | + Garima Jha. | 2012 | garima.jha63@gmail.com | | | | Garima |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

## FEEDBACK FORM

1. Name of the Alumni: _Akshay Jadhav_

2. Branch _IT_ Year of passing: _2014_

3. Occupation _____ Current Position _____

4. CTC/Package _____

5. Name of Organization with address _MBA – ITMP_

6. Permanent Address: _PUNE_

7. Phone No _____ E- Mail _____

| Sr No | Topic | Excellent | Good | Satisfactory |
|---|---|---|---|---|
| 1 | Presentation | ✓ | | |
| 2 | Program/Interaction | | ✓ | |
| 3 | College Environment | | ✓ | |
| 4 | Hospitality | ✓ | | |
| 5 | Food | | ✓ | |

8. Suggestions if Any _food quality should be improved_

9. How Alumni would like to build interaction with college?

_____

_Aku_
Signature

# Feedback from Employer

Name of Industry/Organisation: **TATA STRIVE**

Address: **Chandrakant Chembers Dhole Road Pune - 411001**

Please rate our alumni who are employed with you, based on following attributes ( ✓ appropriate):

| Attributes | 5 Excellent | 4 Very Good | 3 Good | 2 Satisfactory | 1 Not Satisfactory |
|---|---|---|---|---|---|
| Technical Knowledge | | ✓ | | | |
| Knowledge of modern engineering tools | | | ✓ | | |
| Verbal communication skill | | | | ✓ | |
| Writing skill | | | ✓ | | |
| Professional ethics and responsibility | | | ✓ | | |
| Ability to work in team | | | ✓ | | |
| Leadership quality | | | ✓ | | |
| Independent and life-long learning ability | | | ✓ | | |
| Sincerity in work | | | | | |
| Punctuality | | | ✓ | | |
| Overall rating | | | | | |

Please select the area(s) in which your industry/organization can interact/collaborate with COEM.

☐ Projects          ☑ Training/internships

☐ Expert lecture          ☐ Industrial visit

☐ Hands-on workshop          ☐ Any other, (specify)

| Please rate on the scale of 5 | 5 Excellent | 4 Very Good | 3 Good | 2 Satisfactory | 1 Scope for improvement |
|---|---|---|---|---|---|
| Your experience during placement at our institute | | | ✓ | | |
| Overall rating of the institute | | | ✓ | | |

Suggestions, if any:

Name of Industry Person: **Sagar Chatterjee**
Designation: **Mobilization & Placement.**
Signature:

FDEA's

## College of Engineering, Manjari (Bk.)

Department of Computer Engineering

# PARENTS FEEDBACK

Academic Year: 2017—2018
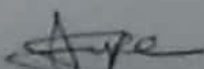
### 1. Parents Information:

| Name Of Parent | Sandeep D Type | |
|---|---|---|
| Name of Ward and Class | Vedant Sandeep Type | That year com |
| Occupation | Buisness | |
| Permanent Address | Hadepser, Sade sotra, Anson tota, Pne 28 | |
| Contact Number | 9822007389 | |

### 2. Questionnaire for Parents (Give ratings for each question as per the key provided below by tick)

| Sr No | Questionnaire | Excellent | Very Good | Good | Satisfactory | Poor |
|---|---|---|---|---|---|---|
| 1 | Infrastructure facilities like Campus, Laboratory, Library, Internet and Canteen etc. | ✓ | | | | |
| 2 | Teaching standard and Teachers approach towards student | ✓ | | | | |
| 3 | Quality of Education provided by our Institute | | ✓ | | | |
| 4 | Professional and technical skills gained by your ward | | ✓ | | | |
| 5 | Encouragement to students for participating in various co-curricular and extracurricular activities | | ✓ | | | |
| 6 | Programmes arranged by departments for achieving Industry exposure | | ✓ | | | |
| 7 | Rate us for our college security policy? | ✓ | | | | |
| 8 | Rate the Contribution of Institute in overall performance of your wards | | ✓ | | | |
| 9 | Vision, Mission statements/PEO's of department | ✓ | | | | |
| 10 | Audit Courses Conducted by Department/Institute | ✓ | | | | |

Any Suggestions/Comments: ——————————————————————

————————————————————————————————

Parents Signature

Date: 10/8/18

**Parents Feedback for Syllabus Design and Review**

Academic Year: 2017-18
Date: 10/3/2018

| Sr. No | Questionnaire | Excellent | Very Good | Good | Satisfactory | Poor |
|--------|---------------|-----------|-----------|------|--------------|------|
| 1. | To meet present job requirement Syllabus Structure/Design is- | | ✓ | | | |
| 2. | To what extent the curriculum of Savitribai Phule Pune University meets requirement of Industry and Higher Studies ? | ✓ | | | | |
| 3. | Efforts are taken to improve Soft Skill and Personality during the course | | ✓ | | | |
| 4. | What do you think the knowledge obtained from the Engineering program is helpful in succeeding relevant competitive examinations? | ✓ | | | | |
| 5. | Which Courses (Subjects) in the present curriculum have become redundant or obsolete according to you? | | | | | |
| 6. | Suggestion / Comment (if any) : | — | | | | |

Name & Signature of Parent

Sandeep D Tupe

1.1.3 Percentage of participation of full time teachers in various bodies of the Universities/Autonomous Colleges/ Other Colleges, such as BoS and Academic Council during the last five years. (5)

| Year | Name of teachers participated | Name of the body in which full time teacher participated |
|---|---|---|
| 2017 | Dr R V Patil | University Exam (Theory/Practical) |
| 2017 | D O Patil | University Exam (Theory/Practical) |
| 2017 | S A Patil | University Exam (Theory/Practical) |
| 2017 | N R Jain | University Exam (Theory/Practical) |
| 2017 | A S Deshpande | University Exam (Theory/Practical) |
| 2017 | Bhadkumbhe Swati M | University Exam (Theory/Practical) |
| 2017 | Phulari S V | University Exam (Theory/Practical) |
| 2017 | Sonawane Nayana D | University Exam (Theory/Practical) |
| 2017 | Rathod Ravindra B | University Exam (Theory/Practical) |
| 2017 | Hingane Madhuri C | University Exam (Theory/Practical) |
| 2017 | Bamanikar Ashwini A | University Exam (Theory/Practical) |
| 2017 | Kankate Bharat S | University Exam (Theory/Practical) |
| 2017 | Patil S. A. | University Exam (Theory/Practical) |
| 2017 | Suryatal B. K. | University Exam (Theory/Practical) |
| 2017 | Dumbre A. V. | University Exam (Theory/Practical) |
| 2017 | Bagwan A. A. | University Exam (Theory/Practical) |
| 2017 | Gaikwad A. D. | University Exam (Theory/Practical) |
| 2017 | Kumbhar N. A. | University Exam (Theory/Practical) |
| 2017 | Sirsat S. S. | University Exam (Theory/Practical) |
| 2017 | Gadewar A. B. | University Exam (Theory/Practical) |
| 2017 | Hirolikar D. S. | University Exam (Theory/Practical) |
| 2017 | Kawale R. M. | University Exam (Theory/Practical) |
| 2017 | Saraswat Shalu | University Exam (Theory/Practical) |
| 2017 | Sahu R. M. | University Exam (Theory/Practical) |
| 2017 | Bankar S. M. | University Exam (Theory/Practical) |
| 2017 | Kamble S. B. | University Exam (Theory/Practical) |
| 2017 | Moje R. K. | University Exam (Theory/Practical) |
| 2017 | Sanamdikar S. T. | University Exam (Theory/Practical) |
| 2017 | Borkar A. T. | University Exam (Theory/Practical) |
| 2017 | Pande M. C. | University Exam (Theory/Practical) |
| 2017 | Bhalerao N B | University Exam (Theory/Practical) |
| 2017 | Kedari M S | University Exam (Theory/Practical) |
| 2017 | Hiwarale V S | University Exam (Theory/Practical) |
| 2017 | Mahajan V R | University Exam (Theory/Practical) |
| 2017 | HirulkarVikas A | University Exam (Theory/Practical) |

1.2 Academic Flexibility (30)

1.2.1 Percentage of new courses introduced of the total number of courses across all programs

| Name of the new course introduced in the last 5 years | Program name | Program code | Audit Courses |
| --- | --- | --- | --- |
| | | | Course code |
| BE Mechanical Engg | yes | yes | Mech |
| BE Computer Engg | yes | yes | Comp |
| BE Information Technology | yes | yes | IT |
| BE Instrumentation & Control Engg | yes | yes | Instru |
| BE Electronics Engg | yes | yes | Electronics |

offered during the last five years (10)

| | Year of introduction | Link of the relevant document |
|---|---|---|
| | 2015 | http://collegecirculars.unipune.ac.in/sites/documents/Syllabus%202017/Forms/AllIt |
| | 2015 | http://collegecirculars.unipune.ac.in/sites/documents/Syllabus%202017/Forms/AllIt |
| | 2015 | http://collegecirculars.unipune.ac.in/sites/documents/Syllabus%202017/Forms/AllIt |
| | 2015 | http://collegecirculars.unipune.ac.in/sites/documents/Syllabus%202017/Forms/AllIt |
| | 2015 | http://collegecirculars.unipune.ac.in/sites/documents/Syllabus%202017/Forms/AllIt |

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1.2.2 Percentage of programs in which Choice Based Credit System (CBCS)/elective course syst

| Name of all programs | whether adopting CBCS course system (yes/No) | Whether adopting  elective course system (yes/No) |
|---|---|---|
| BE Mechanical Engg | yes | yes |
| BE Computer Engg | yes | yes |
| BE Information Technology | yes | yes |
| BE Instrumentation & Control Engg | yes | yes |
| BE Electronics Engg | yes | yes |
| MBA | yes | yes |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

:em has been implemented (Current Year data) (10)

| Programme Code | Year of imlemetation of CBCS / elective course system | Link of the relevant document |
|---|---|---|
| Mech | 2015 | http://www.unipune.ac.in/university_fil es/Syllabi-revised2015.htm |
| Comp | 2015 | http://www.unipune.ac.in/university_fil es/Syllabi-revised2015.htm |
| IT | 2015 | http://www.unipune.ac.in/university_fil es/Syllabi-revised2015.htm |
| Instru | 2015 | http://www.unipune.ac.in/university_fil es/Syllabi-revised2015.htm |
| Electronics | 2015 | http://www.unipune.ac.in/university_fil es/Syllabi-revised2015.htm |
| MBA | 2015 | http://collegecirculars.unipune.ac.in/sites |
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/documents/Syllabus%202016/Forms/AllItems.aspx

| Sr No | Program Title | Date |
|---|---|---|
| 1 | Pedagogy for Online & Blended Teaching Learning | 14-Sep-2017 |
| 2 | Foundation Program in ICT for Education | 03-Aug-2017 |
| 3 | CAE/CAD Training | 03-Mar-2018 |
| 4 | Advanced PLC | 15-Jan-2018 |
| 5 | College to Corporate Program-Technical skills | 20-Feb-2018 |
| 6 | College to Corporate Program-Financial Literacy | 23-Jan-2018 |
| 7 | College to Corporate Program-Soft skills | 07-Sep-2017 |
| 8 | College to Corporate Program-Workplace Communication | 07-Sep-2017 |
| 9 | Workshop on Java Technologies | 24/04/2018 |
| 10 | Project on Lifespan of AC vents in car | 05/10/2017 |
| 11 | Seminar on Approaches in career | 18/07/2017 |
| 12 | Workshop on Microprocessor Lab | 26/03/2018 |
| 13 | Workshop on hands on exposure to MySQL & MongoDB | 04/10/2017 |
| 14 | Career guidance seminar by M/s. Employer Factory | 01/03/2018 |
| 15 | Workshop on Machine learning for data Science. | 06/02/2018 |
| 16 | Workshop on Cloud Computing | 29/07/2017 |
| 17 | How to crack GATE exam in first attempt | |

| Duration | No of Beneficiaries | Association |
|----------|---------------------|-------------|
| 4 weeks | 10 | |
| 4 weeks | 26 | |
| 1 day | 12 | |
| 1 day | 16 | |
| 2 weeks | 18 | |
| 2 weeks | 23 | |
| 2 weeks | 16 | |
| 2 weeks | 16 | |
| 1 day | 23 | |
| 1 day | 2 | |
| 1 day | 30 | |
| 1 day | 28 | |
| 1 day | 23 | |
| 1 day | 26 | |
| 1 day | 38 | |
| 1 day | 34 | |
| 1 day | 32 | |

| | | | | | |
|---|---|---|---|---|---|
| 1 | Seminar on PrePlacement Talk | 28/02/2018 | 1 day | 41 | |
| 2 | Seminar on Job Opportunities for Fresher's in IT Industry | 01/03/2018 | 1 day | 48 | |
| 3 | Seminar on Preparation for GD, PI | 20/03/2018 | 1 day | 28 | |
| 4 | Seminar on Preparation for Overseas Studies | 21/03/2018 | 1 day | 61 | |
| 5 | Seminar on Preparation of Resume and use of Job Portals and Professional Network | 22/03/2018 | 1 day | 47 | |
| 6 | Seminar on Unconventional Education | 24/03/2018 | 1 day | 29 | |
| 7 | Expert lecture on study abroad | | 1 day | 60 | |
| 8 | Preparation for GD/Presentation/ Personal Interview | 24/01/2018 | 1 day | 84 | IBS |
| 9 | Study International Education | 20/01/2018 | 1 day | 78 | SIEC India |
| 10 | Unconventional Education | 24/01/2018 | 1 day | 33 | I Dentify |
| 11 | JAVA Interview Preparation | 09/04/2018 | 1 day | 23 | PradipBatule (IT Professional) |
| 12 | Employment for Fresher Student for IT | 01/03/2018 | 1 day | 22 | Employee Factory |

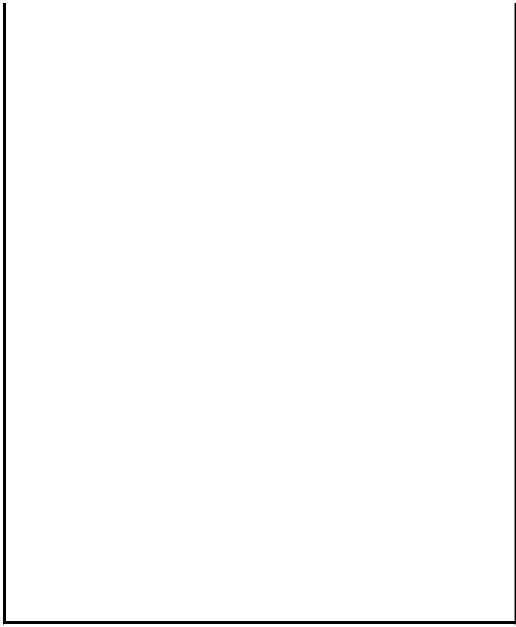**1.3.3 Percentage of students undertaking field projects / internship**

| Programme name | Program Code | Name of students undertaking field projects / internships |
|---|---|---|
| BE | MECHANICAL | Charudatt Suresh Deogade |
| BE | MECHANICAL | PrakshGautam |
| BE | MECHANICAL | SantoshWaekar |
| BE | MECHANICAL | Kunal Bhatu Gavande |
| BE | MECHANICAL | Kunal Bhatu Gavande |
| BE | MECHANICAL | AkashWagh |
| BE | MECHANICAL | Shrikant Joshi |
| BE | MECHANICAL | Sahil D.Pophalkar |
| BE | MECHANICAL | Paramshetti Shripad |
| BE | MECHANICAL | J. Borade |
| BE | MECHANICAL | AkashJagadale |
| BE | MECHANICAL | SahilTamboli |
| MBA | MBA | Vinod Subhash Kale |
| MBA | MBA | Kuldip Bapurao Jadhav |
| MBA | MBA | Mahesh Digambar Kharade |
| MBA | MBA | Pratiksha Mangesh Harpale |
| MBA | MBA | Shrutika Lohade |
| MBA | MBA | Apeksha R.Badjate |
| MBA | MBA | Atul Digambar Kalpande |
| MBA | MBA | Kunal Tirupati Bhandari |
| MBA | MBA | Vicky Balaji Waghmare |
| MBA | MBA | Mayur Mahadeo Munde |
| MBA | MBA | Rahul Murlidhar Shingane |
| MBA | MBA | Ashish Ramesh Goud |
| MBA | MBA | Shubham Suresh Raipure |
| MBA | MBA | Ajinkya Sanjay Chavan |
| MBA | MBA | Akshay Ravindra Borker |
| MBA | MBA | Rahul Bajirao Nevase |
| MBA | MBA | Tushar Ashok Bhandari |
| MBA | MBA | Juned Jainnoddn Sayyed |
| MBA | MBA | Snehal Mahadeo Chavan |
| MBA | MBA | Swapnil S.Gajare |
| MBA | MBA | Prashant Hande |
| MBA | MBA | Shubham Tilekar |
| MBA | MBA | Akshay Z.Pathak |
| MBA | MBA | Arjun Rajendra Raut |
| MBA | MBA | Niranjan Gulab Dhavale |
| MBA | MBA | Rashmi Ravindra Bhole |
| MBA | MBA | Pankaja Jadhav |
| MBA | MBA | Yadav Prashant Atmaram |
| MBA | MBA | Shaila S.Kedar |

| MBA | MBA | Sahil D.Pophalkar |
|-----|-----|-------------------|
| MBA | MBA | Hemant Ashok Raut |
| MBA | MBA | Abhay Dilip Pawar |
| MBA | MBA | Sumit Vilas Madage |
| MBA | MBA | Dharmaraj Singh |
| MBA | MBA | Akshay Baban Hapse |
| MBA | MBA | Leena Prakash Hingane |
| MBA | MBA | Kajal Vilas Bakshe |
| MBA | MBA | Anita Pravin Jadhav |
| MBA | MBA | Minal Nerkar |
| MBA | MBA | Mahendra Ingale |
| MBA | MBA | Pratik Gawali |
| MBA | MBA | Raguram Devkar |
| MBA | MBA | Neeraj Saraswat |
| MBA | MBA | Chetan Patil |
| MBA | MBA | Ganesh Bhosale |

| Link of the relevant document |
| --- |
| Industry Linkage |

1.3.3Ref

1.3.3 Percentage of students undertaking field projects / in

| Nature of linkage | Title of the linkage | Name of the partnering institution/ industry /research lab with contact details | Duration From |
|---|---|---|---|
| Develop the Mobile Application | Android Development Training | TATA Strive | 08/06/2018 |
| Industry Internship Programmes | Internship | Bilai Steel Plant Raipur, Chattisgad | 05/05/2018 |
| Industry Internship Programmes | Internship | Shree Allys Bhilwara, Rajastan | 05/05/2018 |
| Industry Internship Programmes | Internship | Hindustan liver khamgaon | 01/06/2018 |
| Industry Internship Programmes | Internship | Essential Equipment, Dhule | 01/06/2018 |
| Industry Internship Programmes | Internship | Aask Precesion Engineering | 20/05/2018 |
| Industry Internship Programmes | Internship | Gujarat Guardian Ltd | 20/05/2018 |
| Industry Internship Programmes | Internship | Skyy Rider Institutions | 15/06/2018 |
| Industry Internship Programmes | Internship | OM SAI Autolines, Market yard Pune | 01/06/2018 |
| Industry Internship Programmes | Internship | Raj Equipments Rental And Sales, Ranjhangaon, Pune | 01/06/2018 |
| Industry Internship Programmes | Internship | Sagar Industries Pvt Ltd, Uruli Kanchan, Pune | 01/06/2018 |
| Industry Internship Programmes | Internship | Prothom Industries India Ltd. Dighi Pune | 01/06/2018 |
| Industry Internship Programmes | Internship | PE Electronics Ltd., Aurangabad | 01/06/2018 |

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|---|---|---|---|
| Industry Internship Programmes | Internship | Event Mantra Pune | 01/06/2018 |
| Industry Internship Programmes | Internship | Mahalaxmi Autimobiles Pvt.Ltd ,Mudhwa,Pune | 01/06/2018 |
| Industry Internship Programmes | Internship | Treesha Desire Infotech Solutions Pvt.ltd, Warje, Pune | 01/06/2018 |
| Industry Internship Programmes | Internship | M/S. S. D. Pote Co. Kharadi, Pune | 01/06/2018 |
| Industry Internship Programmes | Internship | The Lexicon International School, Pune | 01/06/2018 |
| Industry Internship Programmes | Internship | Suburbia Estate, Pune | 01/06/2018 |
| Industry Internship Programmes | Internship | Core Ocean, Pune | 01/06/2018 |
| Industry Internship Programmes | Internship | SNAVI Tech Solutions Pvt. Ltd. Pune | 01/06/2018 |
| Industry Internship Programmes | Internship | Mhetre Automotive,Pune | 01/06/2018 |
| Industry Internship Programmes | Internship | Saudi Basic Industries Corporations(SABIC)Pune | 01/06/2018 |
| Industry Internship Programmes | Internship | ACE Kudale Cars Pvt. Ltd, Pune | 01/06/2018 |
| Industry Internship Programmes | Internship | Sagar Industries Pvt. Ltd. Pune | 01/06/2018 |
| Industry Internship Programmes | Internship | Kutwal Foods Pvt. LTD. Andhalgaon, Pune | 01/06/2018 |
| Industry Internship Programmes | Internship | Serum Institute Of India Pvt. Ltd, Pune | 01/06/2018 |
| Industry Internship Programmes | Internship | Chefs Corner ,Pune | 01/06/2018 |

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|---|---|---|---|
| Industry Internship Programmes | Internship | Niramay Hospital, Ahmed Nagar | 01/06/2018 |
| Industry Internship Programmes | Internship | Bhairavnath Industries, Wadaki , Pune | 01/06/2018 |
| Industry Internship Programmes | Internship | INA Bearings India Pvt. Ltd. Pune | 01/06/2018 |
| Industry Internship Programmes | Internship | Coca Cola Company, Pirangut Pune | 01/06/2018 |
| Industry Internship Programmes | Internship | Sadu IT Consultancy Services, Pune | 01/06/2018 |
| Industry Internship Programmes | Internship | White Wabler Communication Pvt. Ltd., Camp, Pune | 01/06/2018 |
| Industry Internship Programmes | Internship | Omkar Enterprises, Sanaswadi, Pune | 01/06/2018 |
| Industry Internship Programmes | Internship | Yantrik Engineers, Phursungi, Pune | 01/06/2018 |
| Industry Internship Programmes | Internship | Rajlaxmi Engineering, Pune | 01/06/2018 |
| Industry Internship Programmes | Internship | Kirloskar Pneumatic Company Ltd. Pune | 01/06/2018 |
| Industry Internship Programmes | Internship | Prakash Pharmaceuticals Sadashiv Peth, Pune | 01/06/2018 |
| Industry Internship Programmes | Internship | B. G. Shirke Contruction Pvt. Ltd., Pune | 01/06/2018 |
| Industry Internship Programmes | Internship | Jay Bhavani Mata Export, Pune | 01/06/2018 |
| Industry Internship Programmes | Internship | Yantrik Engineers, Phursungi, Pune | 01/06/2018 |
| Industry Internship Programmes | Internship | Super Auto India Pvt. Ltd., Pune | 01/06/2018 |

1.3.3Ref

| Industry Internship Programmes | Internship | Angel Broking Pvt. Ltd., Pune | 01/06/2018 |
|---|---|---|---|
| Industry Internship Programmes | Internship | Chefs Corner ,Pune | 01/06/2018 |
| Industry Internship Programmes | Internship | Sadguru Constructions and Pvt. Ltd., Pune | 01/06/2018 |
| Industry Internship Programmes | Internship | Writgen India Pvt. Ltd., Pune | 01/06/2018 |
| Industry Internship Programmes | Internship | Writgen India Pvt. Ltd., Pune | 01/06/2018 |
| Industry Internship Programmes | Internship | Folix Media Pune | 01/06/2018 |
| Industry Internship Programmes | Internship | Electrolab India Pvt. Ltd., Mumbai | 01/06/2018 |
| Industry Internship Programmes | Internship | Zinith Software Pvt. Ltd., Pune | 01/06/2018 |
| Industry Internship Programmes | Internship | Metal Impregnations Pvt. Ltd., Pune | 01/06/2018 |
| Industry Internship Programmes | Internship | Nipro India Corporation Pvt. Ltd., Satara | 01/06/2018 |

For Detail information http://www.pdeacoem.org/downloadhd?hdid=164

ternships (5) (current year data)

| Duration To | Participant | |
| --- | --- | --- |
| 07/08/2018 | 38 | |
| 04/06/2018 | 1 | Charudatt Suresh Deogade |
| 04/06/2018 | 1 | PrakshGautam |
| 30/06/2018 | 1 | SantoshWaekar |
| 30/06/2018 | 1 | Kunal Bhatu Gavande |
| 19/06/2018 | 1 | Kunal Bhatu Gavande |
| 19/06/2018 | 1 | AkashWagh |
| 29/06/2018 | 5 | Shrikant Joshi Shubham P. Paramshetti Shripad J. Borade, AkashJ |
| 15/07/2018 | 1 | Vinod Subhash Kale |
| 15/07/2018 | 1 | Kuldip Bapurao Jadhav |
| 15/07/2018 | 1 | Mahesh Digambar Kharade |
| 15/07/2018 | 1 | Pratiksha Mangesh Harpale |
| 15/07/2018 | 1 | Shrutika Lohade |

| | | | |
|---|---|---|---|
| 15/07/2018 | | 1 | Apeksha R.Badjate |
| 15/07/2018 | | 1 | Atul Digambar Kalpande |
| 15/07/2018 | | 1 | Kunal Tirupati Bhandari |
| 15/07/2018 | | 1 | Vicky Balaji Waghmare |
| 15/07/2018 | | 1 | Mayur Mahadeo Munde |
| 15/07/2018 | | 1 | Rahul Murlidhar Shingane |
| 15/07/2018 | | 1 | Ashish Ramesh Goud |
| 15/07/2018 | | 1 | Shubham Suresh Raipure |
| 15/07/2018 | | 1 | Ajinkya Sanjay Chavan |
| 15/07/2018 | | 1 | Akshay Ravindra Borker |
| 15/07/2018 | | 1 | Rahul Bajirao Nevase |
| 15/07/2018 | | 1 | Tushar Ashok Bhandari |
| 15/07/2018 | | 1 | Juned Jainnoddn Sayyed |
| 15/07/2018 | | 1 | Snehal Mahadeo Chavan |
| 15/07/2018 | | 1 | Swapnil S.Gajare |

| | | | |
|---|---|---|---|
| 15/07/2018 | | 1 | Prashant Hande |
| 15/07/2018 | | 1 | Shubham Tilekar |
| 15/07/2018 | | 1 | Akshay Z.Pathak |
| 15/07/2018 | | 1 | Arjun Rajendra Raut |
| 15/07/2018 | | 1 | Niranjan Gulab Dhavale |
| 15/07/2018 | | 1 | Rashmi Ravindra Bhole |
| 15/07/2018 | | 1 | Pankaja Jadhav |
| 15/07/2018 | | 1 | Yadav Prashant Atmaram |
| 15/07/2018 | | 1 | Shaila S.Kedar |
| 15/07/2018 | | 1 | Sahil D.Pophalkar |
| 15/07/2018 | | 1 | Hemant Ashok Raut |
| 15/07/2018 | | 1 | Abhay Dilip Pawar |
| 15/07/2018 | | 1 | Sumit Vilas Madage |
| 15/07/2018 | | 1 | Dharmaraj Singh |
| 15/07/2018 | | 1 | Akshay Baban Hapse |

| | | | |
|---|---|---|---|
| 15/07/2018 | | 1 | Leena Prakash Hingane |
| 15/07/2018 | | 1 | Kajal Vilas Bakshe |
| 15/07/2018 | | 1 | Anita Pravin Jadhav |
| 15/07/2018 | | 1 | Minal Nerkar |
| 15/07/2018 | | 1 | Mahendra Ingale |
| 15/07/2018 | | 1 | Pratik Gawali |
| 15/07/2018 | | 1 | Raguram Devkar |
| 15/07/2018 | | 1 | Neeraj Saraswat |
| 15/07/2018 | | 1 | Chetan Patil |
| 15/07/2018 | | 1 | Ganesh Bhosale |

agadale SahilTamboli