



JNAN VIKAS MANDAL'S
AmratlalRaichand Mehta Degree College of Arts
DiwaliMaa Degree College of Science
MohanlalRaichand Mehta College of Commerce
Padmashree(Dr.) R.T. Doshi Degree College of Computer Science
Plot no.9, Sector -19, AiroliNavi Mumbai

Date: 29/04/2023

NOTICE

All departmental members are hereby informed that the department meeting is arranged on April 29, 2023 at 11:30 a.m. in CS lab.

Agenda

1. Conduction of Certificate Course for SYCS students from 13th June 2023.
2. Exam Conduction of ^{ertificate} Certificate Course

Mrs. Janhavi Kshirsagar
Co-ordinator CS-IT DEPT

Dr. B.R. Deshpande
Vice Principal

Dr. (Mrs.) Leena Sarkar
Principal

PRINCIPAL
JNAN VIKAS MANDAL'S
M.R. MEHTA COLLEGE OF COMMERCE
D.M. COLLEGE OF SCIENCE
A.R. MEHTA COLLEGE OF ARTS
P.T. DOSHI COLLEGE OF COMPUTER SCIENCE
Plot No.9, SEC.- 19, AIROLI,
NAVI MUMBAI-400 708





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Plot no.9, Sector -19, AiroliNavi Mumbai

Date: 13/06/2023

NOTICE (Student)

This is to inform all the students that the certificate course on "Project Management" is scheduled from 13th June 2023 to 20th June 2023 as per time table.

Agenda

1. Conduction of Certificate Course of SYCS students
2. Exam Conduction of Certificate Course

Mrs. Janhavi Kshirsagar
Co-ordinator CS-IT DEPT

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Plot no.9, Sector -19, AiroliNavi Mumbai

Date: 13/06/2023

Minutes of Meeting

June 13, 2023

The offline departmental meeting was held on April 29, 2023 at 11:30 p.m. in CS Lab.

Following matters were discussed and finalized as per agenda.

❖ Conduction of Certificate course of SYCS students :

It was decided that the Certificate Course should be conducted from 13th June, 2023 to 20rd June, 2023. Total 04 modules are included in the Certificate Course. And it was decided that it should be 30 hrs separately for each class.

Syllabus compilation and preparation of time table for certificate course for SYCS is assigned to Dr. Sanjivani Nalkar for CS department.

❖ Exam conduction of Certificate course

After completion of lectures of certificate course on Tuesday 20th June, 2023 exam will be conducted for students in online mode.

Class teacher completed work related to bridge course like preparation of flyer, syllabus, timetable, feedback form, exam conduction, certificate design and distribution to SYCS students.

It will be conducted on google form and the exam will be conducted at 2 pm.

And finally the marksheet will be shared to the certificate committee for distribution of certificates.

Adjournment

Meeting was adjourned at 2:00 pm.





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Plot no.9, Sector -19, AiroliNavi Mumbai

Date: 19/06/2022

Following members were present:

Asst. Prof Sarita Sarang

Dr. Sanjivani Nalkar

Asst. Prof Shakuntala Kulkarni

Signature





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Padmashree(Dr.) R.T. Doshi Degree College of Computer Science
Plot no.9, Sector -19, AiroliNavi Mumbai

Date: 19/06/2022

Following members were present:

Asst. Prof Sarita Sarang

Dr. Sanjivani Nalkar

Asst. Prof Shakuntala Kulkarni

Signature

❖ Work Distribution

Work Distribution for the Certificate Course was as follows:-

| Name of the teacher | Duties Assigned |
|----------------------|---|
| Dr. Sanjivani Nalkar | Flyer Designing, Report of the ^{Certificate} Bridge Course |
| Dr. Sanjivani Nalkar | Conduction of Exam and Preparation of Result |
| Dr. Sanjivani Nalkar | Certificate Designing and Feedback form designing and analysis |
| Dr. Sanjivani Nalkar | Writing Minutes of Meeting, Syllabus Compilation, Timetable, Certificate Distribution |

Adjournment

Meeting was adjourned at 2:30 p.m.



Following members were present:

Asst. Prof Sarita Sarang


Asst. Prof Dr. Sanjivani Nalkar

Asst. Prof Shakuntala Kulkarni

Signature



4) Flyer :



JNAN VIKAS MANDAL'S DEGREE COLLEGE
NAAC RE-ACCREDITED 'A' GRADE (CGPA 3.33)
Plot No. 9, Sector-19, Airoli, Navi Mumbai

**Department of Computer Science
Organizes
Certificate Course
on
Project Management
for
Second Year Computer Science**

Mrs. Sarita Sarang
Dr. Sanjivani Nalkar
Ms. Shakuntala Kulkarni

Date : 13th June to 20th June 2023
Duration: 30 hours

Mrs. Janhavi Kshirsagar
CS-IT Coordinator

Dr. Mrs. Leena Sarkar
Principal



5) Course Syllabus :



JNAN VIKAS MANDAL'S

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Amritlal Raichand Mehta Degree College of Arts
Padmashree (Dr.) R.T. Doshi Degree College of Computer Science
Plot no.9, Sector -19, Airoli, Navi Mumbai

Certificate Course for SYBsc(CS)

Duration: - 30 hours

OBJECTIVES: -

- 1) To deal with the basics of project management
- 2) To learn different skill management regarding projects
- 3) To evaluate risk factors involved in a project and learn to manage it.
- 4) To demonstrate a depth of knowledge in the discipline of computer science.

OUTCOME: -

Students will be able to

- 1) Understand the tools and techniques used in project management..
- 2) Understand skills and abilities for effective project management.
- 3) Understand the essence of knowledge gaining beyond curriculum.

| Module | Contents | Number of hours |
|--------|--|-----------------|
| I | Module I: Introduction to Software Project Management: Introduction, Why is Software Project Management Important? What is a Project? Software Projects versus Other Types of Project, Contract Management and Technical Project Management, Activities | 6 hours |



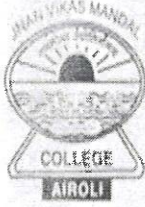
| | | |
|-----|---|---------|
| | Covered by Software Project Management, Plans, Methods and Methodologies, Some Ways of Categorizing Software Projects, Project Charter, Stakeholders, Setting Objectives, The Business Case, Project Success and Failure, What is Management? Management Control, Project Management Life Cycle, Traditional versus Modern Project Management Practices | |
| | Case study/Assignment and test | 1 hour |
| II | Module II: Selection of an Appropriate Project Approach: Introduction, Build or Buy? Choosing Methodologies and Technologies, Software Processes and Process Models, Choice of Process Models, Structure versus Speed of Delivery, The Waterfall Model, The Spiral Model, Software Prototyping, Other Ways of Categorizing Prototypes, Incremental Delivery, Atern/Dynamic Systems Development Method, Rapid Application Development, Agile Methods, Extreme Programming (XP), Scrum, Lean Software Development, Managing Iterative Processes, Selecting the Most Appropriate Process Model. | 6 hours |
| | Case study/Assignment and test | 1 hour |
| III | Module III: Activity Planning: Introduction, Objectives of Activity Planning, When to Plan, Project Schedules, Projects and Activities, Sequencing and Scheduling Activities, Network Planning Models, Formulating a Network Model, Adding the Time Dimension, The Forward Pass, Backward Pass, Identifying the Critical Path, Activity Float, Shortening the Project | 6 hours |



| | | |
|----|---|---------|
| | Duration, Identifying Critical Activities, Activity-on-Arrow Networks. Risk Management: Introduction, Risk, Categories of Risk, Risk Management Approaches, A Framework for Dealing with Risk, Risk Identification, Risk Assessment, Risk Planning, Risk Management | |
| | Case study/Assignment and test | 1 hour |
| IV | Module IV: Monitoring and Control: Introduction, Creating the Framework, Collecting the Data, Review, Visualizing Progress, Cost Monitoring, Earned Value Analysis, Prioritizing Monitoring, Getting the Project Back to Target, Change Control, Software Configuration Management (SCM). Managing Contracts: Introduction, Types of Contract, Stages in Contract Placement, Typical Terms of a Contract, Contract Management, Acceptance. | 6 hours |
| | Case study/Assignment and test | 1 hour |



6) Time Table :



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 Plot no.9, Sector -19, Airoli, Navi Mumbai

Class: S.Y.: B.Sc. (C.S)

Certificate Course Time Table

Academic year: 2023-2024

| Time | Tuesday 13/06/2023 | Wednesday 14/06/2023 | Thursday 15/06/2023 | Friday 16/06/2023 | Saturday 17/06/2023 | Monday 19/06/2023 | Tuesday 20/06/2023 |
|-----------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| 8:40am to 9:30am | Module II (Sarita) | Module III (Sanjivani) | Module II (Sarita) | Module IV (Shakuntala) | Module II (Sarita) | Module III (Sanjivani) | Module II (Sarita) |
| 9:30am to 10:10am | Module I (Janhavi) | Module I (Janhavi) | Module I (Janhavi) | Module I (Janhavi) | Module I (Janhavi) | Module I (Janhavi) | Module I (Janhavi) |
| 10:10am to 11:00am | Module IV (Shakuntala) | Module II (Sarita) | Module III (Sanjivani) | Module III (Sanjivani) | Module IV (Shakuntala) | Module II (Sarita) | Module III (Sanjivani) |
| 11:00am to 11:50am | Module III (Sanjivani) | Module IV (Shakuntala) | Module IV (Shakuntala) | Module II (Sarita) | Module III (Sanjivani) | Module IV (Shakuntala) | Module IV (Shakuntala) |

Module I: Mrs. Janhavi Kabiragar
 Module II: Mrs. Sarita Sarang
 Module III: Dr. Sanjivani Nalkar
 Module IV: Ms. Shakuntala Kulkarni

Co-ordinator of CS/IT dept

Vice Principal

Principal



PRINCIPAL
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Exam Paper :

Section 1 of 3

SYCS CERTIFICATE COURSE TEST

PROJECT MANAGEMENT JUNE 2012

Email *

Your email

This form is collecting emails. [Change settings](#)

NAME OF THE STUDENT

Short answer

Short answer text

Answer key (0 points)

Required

ROLL NUMBER

Short answer text

Section 2 of 3

PLEASE ANSWER THE FOLLOWING QUESTIONS

Description (optional)

A _____ is a set of activities which are networked in an order and aimed towards achieving the goals of a project.

- Project
- Process
- Project management
- Project cycle

Developing a technology is an example of _____.

- Process
- Project
- Scope
- Goals

Project performance consists of _____.

- Time
- Cost
- Quality
- All of the above



Five dimensions that must be managed on a project _____*

- Constraint, Quality, Cost, Schedule, Staff
- Features, Quality, Cost, Schedule, Staff
- Features, priority, Cost, Schedule, Staff
- Features, Quality, Cost, Schedule, customer

What is the first step in project planning?*

- Determine the budget.
- Select the team/organizational model.
- Establish the objectives and scope.
- Determine project constraints.

Assembling project team and assigning their responsibilities are done during which phase of a project management?

- Initiation
- Planning



Which of the following is not a software development life cycle model?

- Agile Model
- RAD Model
- Prototype Model
- Automock Model

SDLC stands for _____

- Software Development Life Cycle
- Settle Development Life Cycle
- Secure Development Life Cycle
- None of the Above

Which of the following shows correct sequence of waterfall model?

- Feasibility study, Requirement analysis, Design, coding, testing, integration and system testing, Maintenance
- Requirement analysis, Feasibility study, Design, coding, testing, integration and system testing, Maintenance
- Requirement analysis, Design, Feasibility study, coding, testing, integration and system testing, Maintenance
- Feasibility study, Requirement analysis, Design, coding, testing, Maintenance, integration and system tes



Before actual software development begins, this model requires to build the toy implementation of it.

- Iterative waterfall model
- RAD model
- Agile model
- Prototype model

Which of the following is known as incremental model? *

- Evolutionary Model
- RAD Model
- Iterative waterfall model
- Agile model

When you build a product or system, it's important to go through a series of predictable steps. * the process which you follow to develop it is known as _____.

- Software design
- Software process
- Software schedule
- Framework



When you build a product or system, it's important to go through a series of preferable steps, the process which you follow to develop it is known as _____.

- Software design
- Software process
- Software schedule
- Framework

The PERT in project management means program evaluation and _____ technique.

- resource
- responsibility
- reconsideration
- review

Risk is usually _____ as the project progresses.

- increases
- reduces
- remains same
- becomes negligible



What is the first step in project planning? *

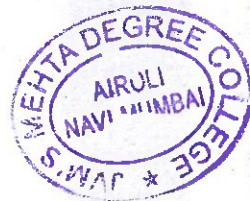
- Establish the objectives and scope.
- Determine the budget.
- Select the team organizational model.
- Determine project constraints.

What is the first step in developing a risk management plan? *

- Analyze the risks.
- Estimate the likelihood of the risks occurring.
- Identify potential project risks.
- Develop a risk mitigation plan.

The _____, also referred to as the project graph, shows the activities and events of the project and their logical relationships.

- Network diagram
- PERT diagram
- CRM diagram
- None



_____ is a discipline for dealing with the possibility that some future event will cause harm.

Risk mitigation

Risk identification

Risk management

Risk reduction

_____ is the central process around which others revolve.

Development Process

Analysis

Risk

Requirements

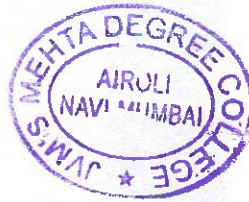
Methods for other processes often influenced by the _____ process.

Development

Risk

Analysis

Testing



Which of the following is not a phase in development process? *

- Inception
- Elaboration
- Construction
- Requirement analysis

Overall responsibility for the successful planning, execution, monitoring, control and closure of a project is of _____.

- Project Manager
- Tester
- Developer
- Risk Manager

_____ analysis is performed when the development process is over *

- Postmortem
- Requirement
- Development
- Process



_____ analysis is performed when the development process is over

- Postmortem
- Requirement
- Development
- Process

Postmortem analysis is also called _____ analysis *

- termination
- analysis
- requirement
- development

The pitch, tone, and inflections in the speaker's voice is called as _____ attribute *

- paralingual
- lingual
- necessary
- none





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List of Participants
Student Participants List-Certificate Course(2023-24)

| ROLL NUMBER | NAME OF THE STUDENT | Score |
|-------------|----------------------------|-------|
| 1701 | Priyanka Gurnani | 36 |
| 1702 | Sofiya ansari | 46 |
| 1703 | Jaiwin Antson Franklin | 42 |
| 1704 | Virendra ramratan bandore | 40 |
| 1705 | Mamta belurkar | 46 |
| 1706 | Raj Ramesh Bengade | 14 |
| 1707 | Priti | 30 |
| 1708 | Shreya Sanjay Bodke | 42 |
| 1709 | Ayush Dhananjay Borade | 12 |
| 1710 | Anjali boudh | 46 |
| 1711 | Rahul charate | 44 |
| 1712 | Vanshika Chaudhary | 44 |
| 1714 | Kanchan Choudhary | 34 |
| 1715 | omeshwariben Sanjay desai | 42 |
| 1716 | Pranali bibhishan Deshmukh | 40 |
| 1717 | Sneha Sujit Deshmukh | 44 |
| 1718 | Aarti Guruprasad Gupta | 40 |



| | | |
|------|-------------------------------------|----|
| 1720 | Prathamesh Gurav | 44 |
| 1721 | Tushar Rajaram jadhav | 44 |
| 1723 | Aryan Kadam | 44 |
| 1724 | Sneha Suresh Kamble | 48 |
| 1725 | Swapnil Santosh Khunte | 44 |
| 1726 | Vaishnavi Magadum | 34 |
| 1727 | Sujal M | 26 |
| 1729 | Mane Swapnil laxman | 46 |
| 1730 | Rakesh Kumar gajaram meghwal | 44 |
| 1731 | Arya mhatre | 42 |
| 1732 | HARISH MUDRAS | 16 |
| 1733 | Sameeruddin khan | 42 |
| 1734 | Devraj ramraj nishad | 44 |
| 1735 | Archita Pandey | 48 |
| 1736 | Pushkar Pandey | 38 |
| 1737 | Omkar Ramesh Patil. | 38 |
| 1738 | Azhar qureshi | 40 |
| 1739 | Aditya rai | 40 |
| 1740 | Anamika Rajesh Rajak | 40 |
| 1741 | Ajit Rajbhar | 40 |
| 1742 | Avani Rambhia | 44 |
| 1743 | Harhsad rawal | 38 |
| 1745 | Purav Ranjan Salla | 42 |
| 1746 | Siddhi | 36 |
| 1748 | Sneha Shinde | 46 |
| 1750 | Jatin singh | 38 |
| 1751 | Rahul sonawane | 38 |
| 1752 | Vaishnavi Tiwari | 46 |
| 1753 | Vinayak Vishwakarma | 40 |
| 1754 | Vinita Santosh Kumar Vishwakarma | 36 |
| 1756 | Anand Udayraj Yadav | 38 |
| 1757 | Chandrasen Melaram Yadav | 44 |



Feedback Form :

Questions Responses **40** Settings

SYCS Sem IV Certificate Course Feedback Form

B *I* U ↻ ✕

Form description

Email *

Valid email

This form is collecting emails. [Change settings](#)

Name of the Student * ***

Short answer text

Roll Number *

Short answer text



Were the objectives of the course clear to you? *

- Very Clear
- Moderately Clear
- Not at all Clear

The lectures were clear & easy to understand. *

- Strongly Agree
- Agree
- Neutral
- Disagree
- Strongly Disagree

The course was organized in a manner that helped you understand the underlying concepts. *

- Strongly Agree
- Agree
- Neutral
- Disagree
- Strongly Disagree

How useful to you was this course? *

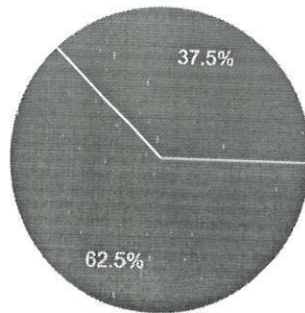
- Very Useful
- Moderately useful
- Not at all useful



Feedback Analysis :

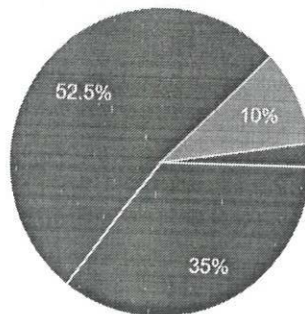
Bridge course Feedback Analysis SYCS Sem-III June 2022-23

Were the objectives of the course clear to you?
40 responses



- Very Clear
- Moderately Clear
- Not at all Clear

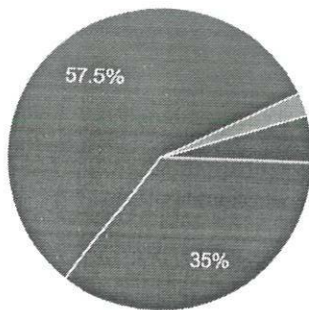
The lectures were clear & easy to understand.
40 responses



- Strongly Agree
- Agree
- Neutral
- Disagree
- Strongly disagree

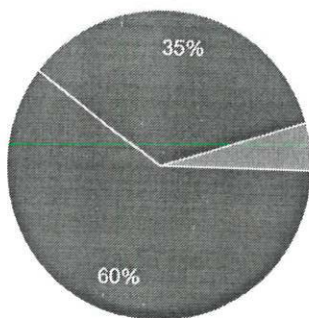


The course was organized in a manner that helped you understand the underlying concepts.
40 responses



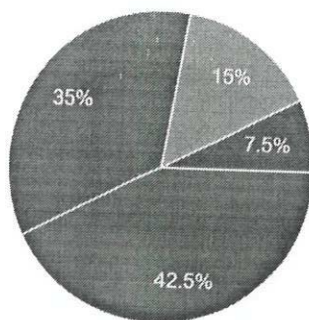
- Strongly Agree
- Agree
- Neutral
- Disagree
- Strongly disagree

How useful to you was this course?
40 responses



- Very Useful
- Moderately useful
- Not at all useful

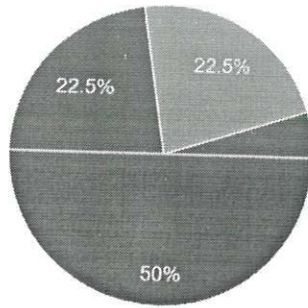
How much did you learn from this course?
40 responses



- A great deal
- A lot
- A moderate amount
- A little
- Nothing



Overall, how would you describe the quality of the instruction in this course?
40 responses



- Excellent
- Very good
- Good
- Fair
- Poor



11) Certificate :



Jnan Vikas Mandal's Degree College
NAAC Re-Accredited 'A' Grade (CGPA- 3.33)
Plot No. 9, Sector-19, Airoli, Navi Mumbai, Maharashtra - 400 708

Certificate

This certificate is awarded to

<<NAME>>

of S.Y.B.Sc (C.S) who has successfully completed Certificate Course on "Project Management" organized by Department of Computer Science of JVM's Degree College from 13th June 2023 to 20th June 2023.

Janhavi Kshirsagar
Asst. Prof. Janhavi Kshirsagar
CS-IT Coordinator

Leena Sarkar
Dr. (Mrs.) Leena Sarkar
Principal



12) Report :



JNAN VIKAS MANDAL'S
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Report on Certificate Course

The certificate course on "Project Management" was conducted for Second Year computer science students from 13/06/2023 to 20/06/2023. The duration of the course was 30 hours. The course was conducted by Computer Science department

faculty members.

| | |
|-----------------------------|------------|
| Mrs. Janhavi Kshirsagar | Module I |
| Dr. (Mrs.) Sanjivani Nalkar | Module III |
| Mrs. Sarita Sarang | Module II |
| Ms. Shakuntala Kulkarni | Module IV |

The course benefitted 38 students.

The intention of this course was to introduce industry oriented subjects not covered in the regular curriculum. The course contents were designed to give enough knowledge of the subject as well as its application in the industry. The course was divided into four modules which covered all aspects of the subject and its application. The course also aimed at laying a strong foundation for the students to become successful in their careers.

A test was conducted for all the students using Google Form. All the teachers shared 5 questions based on the module taught in the course.

Due to network issues some students had not submitted paper, so retest was conducted the following day. A student has to secure a minimum 40% in the test to qualify for the certificate.

Successful students were awarded certificates for the certificate course.

Mrs. Janhavi Kshirsagar

Co-ordinator CS-IT DEPT

Dr. B.R. Deshpande

Vice Principal

Dr. (Mrs.) Leena Sarkar

Principal

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