



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: 18/06/2022

NOTICE

All departmental members are hereby informed that the department meeting is arranged on June 18, 2022 at 1:30 p.m. in CS lab.

Agenda

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

JK

Asst. Prof. Janhavi Kshirsagar
Coordinator CS-IT DEPT



Leena

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
Dr. R.T. DOSHI COLLEGE OF COMPUTER SCIENCE
Plot No.9, SEC.- 19, AIROLI,
NAVI MUMBAI-400 708



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Date: 19/06/2022

Minutes of Meeting

June 18, 2022

The offline departmental meeting was held on June 18, 2022 at 01:30 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 20th June, 2022 to 25th June, 2022. Total 10 subjects are included in the Bridge Course. And it was decided that it should be 30 hrs separately for each class.

Syllabus compilation and preparation of time table for bridge 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 Saturday 25th June, 2022 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.

❖ Work Distribution

Work Distribution for the Bridge Course was as follows:-

Name of the teacher	Duties Assigned
Dr. Sanjivani Nalkar	Flyer Designing, Report of the Certificate 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 2:00 pm.

Following members were present:

- Dr.(Mrs.)Leena Sarkar- Principal
Mrs. Janhavi Kshirsagar- CS-IT Coordinator
Asst. Prof Sarita Sarang
Dr. Sanjivani Nalkar
Asst. Prof Shakuntala Kulkarni
Flyer :

Signature

Leena
Sarkar
Janhavi
Kulkarni

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 : 20th June to 25th June 2022
Duration: 30 hours

Mrs. Janhavi Kshirsagar
CS-IT Coordinator

Dr. Mrs. Leena Sarkar
Principal



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 Covered by Software Project Management, Plans, Methods and Methodologies, Some Ways of Categorizing Software Projects, Project Charter, Stakeholders, Setting	6 hours



	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 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	6 hours



	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

Time Table :



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

Certificate Course Time Table

Academic year: 2022-2023

Time	Thursday 20/06/2022	Friday 21/06/2022	Saturday 22/06/2022	Monday 23/06/2022	Tuesday 24/06/2022	Wednesday 25/06/2022
9:00-10:00	Module II (Sarita)	Module III (Sanjivani)	Module IV (Shakuntala)	Module I (Janhavi)	Module II (Sarita)	Module III (Sanjivani)
10:10-11:10	Module I (Janhavi)	Module II (Sarita)	Module III (Sanjivani)	Module IV (Shakuntala)	Module I (Janhavi)	Module II (Sarita)
11:30-12:30	Module IV (Shakuntala)	Module I (Janhavi)	Module II (Sarita)	Module III (Sanjivani)	Module IV (Shakuntala)	Module I (Janhavi)
12:40-1:40	Module III (Sanjivani)	Module IV (Shakuntala)	Module I (Janhavi)	Module II (Sarita)	Module III (Sanjivani)	Module IV (Shakuntala)
1:40-2:40	Module II (Sarita)	Module III (Sanjivani)	Module IV (Shakuntala)	Module I (Janhavi)	Assignment	Test

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



Deena
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7) Exam Paper :

Questions Responses **Settings** Total points

Section 1 of 3

SYCS CERTIFICATE COURSE TEST

PROJECT MANAGEMENT June 2022

Email *
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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
- Goods

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
- Autonomous 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, Maintena...
- Requirement analysis, Feasibility study, Design, coding, testing, integration and system testing, Maintena...
- Requirement analysis, Design, Feasibility study, coding, testing, integration and system testing, Maintena...
- 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 predictable 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
- reconciliation
- 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
- GEM 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
- Requirement

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

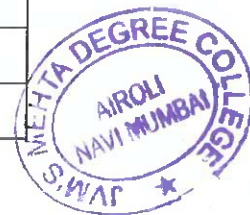
The pitch, tone, and inflections in the speaker's voice is called as _____ attribute? *

- paralingual
- lingual
- necessary
- None



Marksheet :

Result-Certificate course Sem-III June2022		
NAME OF THE STUDENT	Marks	Remark
Amisha Anirudhan Achari	15	PASS
Pranil dhamal	23	PASS
GAUTAM RAVISHANKAR DURGASHANKAR	16	PASS
Rahul	16	PASS
Sahil Harishchandra Gupta	13	PASS
Vinit	18	PASS
Shrejal Shreedhar Hande	10	PASS
Pranay shankar jadhav	22	PASS
Suraj ugrasen jaiswar	21	PASS
KADAM YASH RAMESH	18	PASS
Sapna Kapil Kewat	16	PASS
Sujal Lodha	13	PASS
Vinita mandal	18	PASS
Ketna Mhatre	13	PASS
Mhetre Ganesh Vishwanath	16	PASS
Shivani Pandey	17	PASS
Yash Bramhadev Pandey	12	PASS
Walid Shaikh	20	PASS
Amanshukla	13	PASS
Pradeep Shukla	15	PASS
Khushboo Singh	16	PASS
AMIT UDAYBHAN THAKUR	13	PASS
ARPIT PREMNARAYAN TIWARI	15	PASS



Anurag Verma	13	PASS
Aryan sandeep waghmare	11	PASS
Pawan yadav	15	PASS
Atharva Santosh Shinde	20	PASS
Bhagyashri Babu Bhandari	18	PASS
Sakshi Ashok Naik	19	PASS
Kumud singh	20	PASS
Anshu Virendra Chaurasiya	12	PASS
Aryan Mahendra Mokashi	18	PASS
Smita Gavit	16	PASS
Anushka Chavan	19	PASS
Aniruddh Suhas Hatkar	22	PASS
Kashish kamble	14	PASS

Neena

9) Feedback Form :

FEEDBACK FORM

SYCS Sem III Bridge Course Feedback Form

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



How much did you learn from this course? *

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

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

- Excellent
- Very good
- Good
- Fair
- Poor

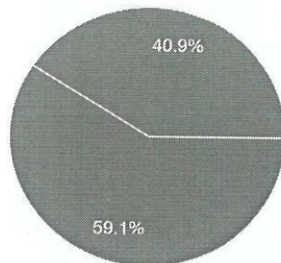
What skills or knowledge did you learn or improve? *

Long answer text

Feedback Analysis :

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

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



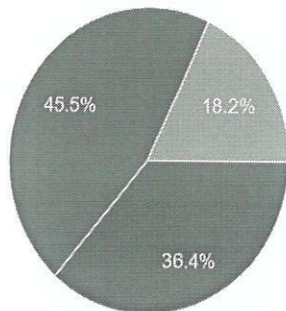
- Very Clear
- Moderately Clear
- Not at all Clear



Heena
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The lectures were clear & easy to understand.

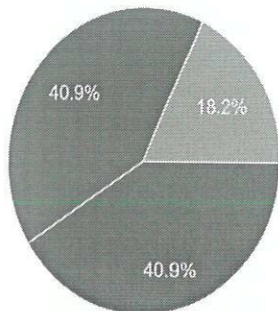
22 responses



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

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

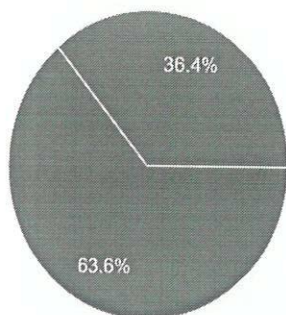
22 responses



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

How useful to you was this course?

22 responses

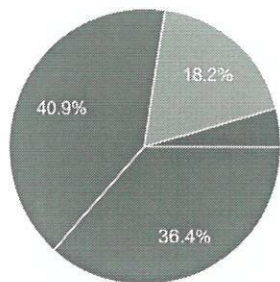


- Very Useful
- Moderately useful
- Not at all useful



How much did you learn from this course?

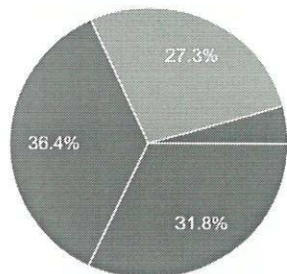
22 responses



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


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

22 responses



- Excellent
- Very good
- Good
- Fair
- Poor

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 20th June 2022 to 25th June 2022.

Asst. Prof. Janhavi Kshirsagar
CS-IT Coordinator

Dr. (Mrs.) Leena Sarkar
Principal



Leena

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Report on Certificate Course

The certificate course on "Project Management" was conducted for Second Year computer science students from 20/06/2022 to 25/06/2022. 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 22 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.



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



Dr. (Mrs.) Leena Sarkar



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