

SYLLABUS/
CURRICULUM



PANDIAN SARASWATHI YADAV ENGINEERING COLLEGE

(Approved by AICTE & Affiliated to Anna University, Chennai)

Madurai - Sivagangai Highway, Arasanoor, Thirumansolai Post, Sivagangai Dt. - 630 561, Tamilnadu
Mobile : 9842102628, 7373002628 Email: info@psyec.edu.in Website : www.psyec.edu.in

City Office : 10, Pandian Saraswathi St, Sivagami Nagar, Narayanapuram, Madurai - 625 014. Telefax- 0452 2682338, Mobile : 98423-02628

DEPARTMENT OF CIVIL ENGINEERING

Academic Year 2021-2022

VACCE2122SSP - Strategies for Successful Project Execution

OBJECTIVE OF THE COURSE

- Develop skills in identifying project stakeholders, understanding their needs and expectations, and managing stakeholder engagement throughout the project lifecycle
- Gain proficiency in creating comprehensive project plans, including scope statements, work breakdown structures (WBS), schedules, budgets, and risk management plans

Chapter 1

5

Introduction to the fundamental concepts - principles of project management. The various project management methodologies - frameworks, - PMBOK and PRINCE2, - achieving organizational project

Chapter 2

6

The project objectives - scope of work, - deliverables- stakeholder analysis to identify individuals -groups - project and their needs. -the development of a project charter, - formal document - authorizing the project - establishing key project parameters.

Chapter 3

6

Planning - project details - the creation of a project management plan, Project scope, schedule, cost, quality, resources, communications, risks, and procurement.

Chapter 4

6

Execution - project plan - action. on directing and managing project execution - plan. - managing project resources, - quality assurance measures, - maintaining stakeholder - communication

Chapter 5

6

Monitoring and controlling - the project on track. - the various techniques for monitoring project performance - tracking progress, identifying deviations - plan, - corrective actions

Chapter 6

6

The Risk management - identifying project risk - addressing potential threats to project success. various techniques for identifying, assessing, and prioritizing project risks.

TOTAL HOURS:35

M. Karthi
Course-Coordinator

Dr. A. L. S.
HOD

K. S.
PRINCIPAL



PANDIAN SARASWATHI YADAV ENGINEERING COLLEGE

(Approved by AICTE & Affiliated to Anna University, Chennai)

Madurai - Sivagangai Highway, Arasanoor, Thirumansolai Post, Sivagangai Dt. - 630 561, Tamilnadu
Mobile : 9842102628, 7373002628 • Email: info@psyec.edu.in Website : www.psyec.edu.in

City Office : 10, Pandian Saraswathi St, Sivagami Nagar, Narayanapuram, Madurai - 625 014. Telefax- 0452 2682338, Mobile : 98423-02628

DEPARTMENT OF CIVIL ENGINEERING

Academic Year 2021-2022

VACCE2122SSP - Strategies for Successful Project Execution

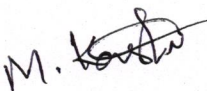
Course Schedule

| Date | Time | TOPICS |
|------------|---------------------|---|
| 02/12/2021 | 9.00 am to 12.15 pm | Introduction to the fundamental concepts - principles of project management. The various project management methodologies - frameworks, - PMBOK and PRINCE2, - achieving organizational project |
| | 1.00 pm to 4.15 pm | |
| 03/12/2021 | 9.00 am to 12.15 pm | The project objectives - scope of work, - deliverables- stakeholder analysis to identify individuals -groups - project and their needs. -the development of a project charter, - formal document - authorizing the project - establishing key project parameters. |
| | 1.00 pm to 4.15 pm | |
| 04/12/2021 | 9.00 am to 12.15 pm | Planning - project details - the creation of a project management plan, Project scope, schedule, cost, quality, resources, communications, risks, and procurement. |
| | 1.00 pm to 4.15 pm | |
| 05/12/2021 | 9.00 am to 12.15 pm | Execution - project plan - action. on directing and managing project execution - plan. - managing project resources, - quality assurance measures, - maintaining stakeholder -communication |
| | 1.00 pm to 4.15 pm | |
| 06/12/2021 | 9.00 am to 12.15 pm | Monitoring and controlling - the project on track. - the various techniques for monitoring project performance - tracking progress, identifying deviations - plan, - corrective actions |
| | 1.00 pm to 4.15 pm | |
| 07/12/2021 | 9.00 am to 12.15 pm | The Risk management - identifying project risk - addressing potential threats to project success. various techniques for identifying, assessing, and prioritizing project risks. |
| | 1.00 pm to 4.15 pm | |

Tea Break : FN- 11:00 am to 11:15am & AN-03:00 pm to 03:15 pm

Lunch : 12:15 pm to 01:00pm

Total Hours :35


Course-Coordinator


HOD


PRINCIPAL



PANDIAN SARASWATHI YADAV ENGINEERING COLLEGE

(Approved by AICTE & Affiliated to Anna University, Chennai)

Madurai - Sivagangai Highway, Arasanoor, Thirumansolai Post, Sivagangai Dt. - 630 561, Tamilnadu
Mobile : 9842102628, 7373002628 Email: info@psyec.edu.in Website : www.psyec.edu.in

City Office : 10, Pandian Saraswathi St, Sivagami Nagar, Narayanapuram, Madurai - 625 014. Telefax- 0452 2682338, Mobile : 98423-02628

DEPARTMENT OF CIVIL ENGINEERING

Academic Year 2021-2022

VACCE2122SSP - Strategies for Successful Project Execution One-page Report

Name of the course : Strategies for Successful Project Execution
Development Course Code : VACCE2122SSP
Course Coordinator : Mrs. M. KASTHURI AP/Civil
Date/Duration : 02.12.2021-07.12.2021 — 35 hours

I here affirm that the third-year students of strength 20 have been taught the value-added course title “Strategies for Successful Project Execution” as per the syllabus and completed within the stipulated time duration.

I confirm that the value-added course titled “Strategies for Successful Project Execution” has been conducted in the beginning of the semester and course delivery along with the attendance of the students was recorded.

I confirmed that all the students were actively participated in the course and the eligible students were certified for the course.

M. K. K.

Course-Cordinator

D. D. D.

HOD

PRINCIPAL

ASSESSMENT PROCEDURE

PANDIAN SARASWATHI YADAV ENGINEERING COLLEGE

ARASANOOR-630561

DEPARTMENT OF CIVIL ENGINEERING

Academic Year 2021-2022

VACCE2122SSP - Strategies for Successful Project Execution

Assessment Questions with Answer

1. What is the primary goal of quality management?

- A) Maximizing profits
- B) Minimizing costs
- C) Satisfying customer requirements**
- D) Expanding market share

2. Which of the following quality management systems focuses on continuous improvement and customer satisfaction?

- A) ISO 14001
- B) ISO 27001
- C) ISO 9001**
- D) ISO 22000

3. Which quality management methodology aims to reduce variation and defects by employing statistical analysis?

- A) Total Quality Management (TQM)
- B) Lean Six Sigma**
- C) Kaizen
- D) 5S Methodology

4. What does the acronym "TQM" stand for in quality management?

- A) Total Quantity Management
- B) Total Quality Measurement
- C) Total Quality Management**
- D) Total Quality Monitoring

5. Which of the following is NOT one of the seven basic quality tools?

- A) Scatter Diagram
- B) Histogram
- C) Ishikawa Diagram (Fishbone Diagram)
- D) Gantt Chart**

6. Which quality management principle emphasizes the importance of fact-based decision-making?

- A) **Customer Focus**
- B) Leadership
- C) Involvement of People
- D) Process Approach

7. What does the term "Kaizen" mean in the context of quality management?

- A) **Continuous Improvement**
- B) Total Quality Management
- C) Quality Control
- D) Quality Assurance

8. Which of the following is NOT a component of the DMAIC methodology in Six Sigma?

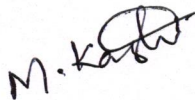
- A) Define
- B) **Monitor**
- C) Analyze
- D) Control

9. What is the purpose of a Pareto Chart in quality management?

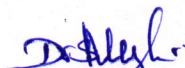
- A) **To identify the most important factors contributing to a problem**
- B) To visualize the distribution of data
- C) To monitor process performance over time
- D) To analyze cause-and-effect relationships

10. Which of the following is a key principle of Total Quality Management (TQM)?

- A) Inspection is the primary means of quality control
- B) Quality is the responsibility of the quality control department only
- C) **Continuous improvement is essential for long-term success**
- D) Customer satisfaction is secondary to meeting production targets



Course-Coordinator


HOD


PRINCIPAL

PANDIAN SARASWATHI YADAV ENGINEERING COLLEGE
ARASANOOR-630561

DEPARTMENT OF CIVIL ENGINEERING

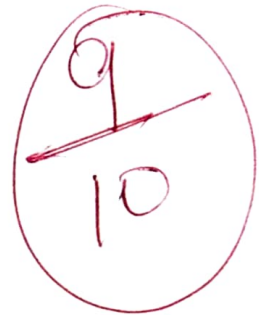
Academic Year 2021-2022

VACCE2122SSP - Strategies for Successful Project Execution

Assessment Test Paper

REGISTER NUMBER: 912018103028

NAME OF THE STUDENT: shalini.m



1. What is the primary goal of quality management?
A) Maximizing profits
B) Minimizing costs
C) Satisfying customer requirements ✓
D) Expanding market share
2. Which of the following quality management systems focuses on continuous improvement and customer satisfaction?
A) ISO 14001
B) ISO 27001
C) ISO 9001 ✓
D) ISO 22000
3. Which quality management methodology aims to reduce variation and defects by employing statistical analysis?
A) Total Quality Management (TQM)
B) Lean Six Sigma ✓
C) Kaizen
D) 5S Methodology
4. What does the acronym "TQM" stand for in quality management?
A) Total Quantity Management
B) Total Quality Measurement
C) Total Quality Management ✓
D) Total Quality Monitoring
5. Which of the following is NOT one of the seven basic quality tools?
A) Scatter Diagram
B) Histogram
C) Ishikawa Diagram (Fishbone Diagram) ✓
D) Gantt Chart

6. Which quality management principle emphasizes the importance of fact-based decision-making?

- A) Customer Focus
- B) Leadership
- C) Involvement of People
- D) Process Approach

7. What does the term "Kaizen" mean in the context of quality management?

- A) Continuous Improvement
- B) Total Quality Management
- C) Quality Control
- D) Quality Assurance

8. Which of the following is NOT a component of the DMAIC methodology in Six Sigma?

- A) Define
- B) Monitor
- C) Analyze
- D) Control

9. What is the purpose of a Pareto Chart in quality management?

- A) To identify the most important factors contributing to a problem
- B) To visualize the distribution of data
- C) To monitor process performance over time
- D) To analyze cause-and-effect relationships

10. Which of the following is a key principle of Total Quality Management (TQM)?

- A) Inspection is the primary means of quality control
- B) Quality is the responsibility of the quality control department only
- C) Continuous improvement is essential for long-term success
- D) Customer satisfaction is secondary to meeting production targets

M. 
Course-Coordinator


HOD


PRINCIPAL

Student Performance Sheet

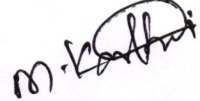
Period of course: 02.12.2021 to 07.12.2021

Duration of Course: 35 hours

VACCE2122SSP - STRATEGIES FOR SUCCESSFUL PROJECT EXECUTION

| Sl. No | Register Number | Student Name | Assessment Marks |
|--------|-----------------|-----------------------------|------------------|
| 1 | 912018103001 | AARTHI V | 85 |
| 2 | 912018103002 | ABIMANYU R | 75 |
| 3 | 912018103004 | ALAGU MURUGAN A | 81 |
| 4 | 912018103005 | ANAND A | 88 |
| 5 | 912018103007 | AYYANAR P | 79 |
| 6 | 912018103009 | BALAMURUGAN M | 74 |
| 7 | 912018103010 | BIKASH KUMAR MANDAL | 86 |
| 8 | 912018103012 | GOKULAKRISHNAN P | 95 |
| 9 | 912018103013 | HARI HARA SUDHAN P | 87 |
| 10 | 912018103014 | HARIPRASATH P | 82 |
| 11 | 912018103017 | KARTHIKEYAN A | 96 |
| 12 | 912018103018 | KARUPPU SAMY P | 92 |
| 13 | 912018103019 | MAHA LAKSHMI M | 89 |
| 14 | 912018103022 | MUGESH K | 84 |
| 15 | 912018103023 | POORNARAJAN A | 78 |
| 16 | 912018103024 | PRAVEEN B | 79 |
| 17 | 912018103025 | PRAVEEN K | 85 |
| 18 | 912018103026 | RUBINI P | 89 |
| 19 | 912018103028 | SHALINI M | 91 |
| 20 | 912018103029 | SHENBAGA PRAVEEN KUMAR M | 92 |
| 21 | 912018103030 | SOUNDARYA M | 93 |
| 22 | 912018103031 | SURYA K | 95 |
| 23 | 912018103032 | SUSMITHA T | 91 |
| 24 | 912018103033 | VASANTH M | 94 |
| 25 | 912018103034 | VIGNESH A | 96 |
| 26 | 912018103035 | YUVARAJ SINGH D | 89 |
| 27 | 912018103301 | ABINASH BABU N | 89 |

| | | | |
|----|--------------|--------------|----|
| 28 | 912018103302 | BALASANKAR G | 81 |
| 29 | 912018103303 | BHARATHI M | 92 |
| 30 | 912018103304 | HARI HARAN N | 95 |
| 31 | 912018103305 | HEMANATHAN K | 91 |
| 32 | 912018103306 | MUTHUKUMAR K | 88 |
| 33 | 912018103501 | SAI SHREE R | 86 |


Course Coordinator


HOD


Principal

Enrollment
Student Name
List

Student Registration Sheet

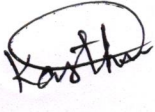
Period of course: 02.12.2021 to 07.12.2021

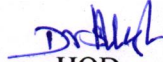
Duration of Course: 35 hours

VACCE2122SSP - STRATEGIES FOR SUCCESSFUL PROJECT EXECUTION

| Sl. No | Register Number | Student Name | Signature of the Student |
|--------|-----------------|--------------------------|---------------------------|
| 1 | 912018103001 | AARTHI V | V. Arthi |
| 2 | 912018103002 | ABIMANYU R | ABR |
| 3 | 912018103004 | ALAGU MURUGAN A | ALAGU MURUGAN A |
| 4 | 912018103005 | ANAND A | A. Anand |
| 5 | 912018103007 | AYYANAR P | P. Ayanar |
| 6 | 912018103009 | BALAMURUGAN M | BALAMURUGAN M |
| 7 | 912018103010 | BIKASH KUMAR MANDAL | Bikash |
| 8 | 912018103012 | GOKULAKRISHNAN P | GOKULAKRISHNAN P |
| 9 | 912018103013 | HARI HARA SUDHAN P | P. harihara Sudhan |
| 10 | 912018103014 | HARIPRASATH P | HARIPRASATH P |
| 11 | 912018103017 | KARTHIKEYAN A | Karthikeyan |
| 12 | 912018103018 | KARUPPU SAMY P | P. Karuppu |
| 13 | 912018103019 | MAHA LAKSHMI M | MAHA LAKSHMI M |
| 14 | 912018103022 | MUGESH K | K. Mugesh |
| 15 | 912018103023 | POORNARAJAN A | A. Poornarajan |
| 16 | 912018103024 | PRAVEEN B | B. Praveen |
| 17 | 912018103025 | PRAVEEN K | PRAVEEN K |
| 18 | 912018103026 | RUBINI P | Rubini P |
| 19 | 912018103028 | SHALINI M | shalini |
| 20 | 912018103029 | SHENBAGA PRAVEEN KUMAR M | M. Shenbaga Praveen Kumar |
| 21 | 912018103030 | SOUNDARYA M | SOUNDARYA M |
| 22 | 912018103031 | SURYA K | Surya K |
| 23 | 912018103032 | SUSMITHA T | Susmitha |
| 24 | 912018103033 | VASANTH M | M. vasanth |
| 25 | 912018103034 | VIGNESH A | VIGNESH A |
| 26 | 912018103035 | YUVARAJ SINGH D | D. Yuvaraj Singh |
| 27 | 912018103301 | ABINASH BABU N | ABINASH |

| | | | |
|----|--------------|--------------|-----------------|
| 28 | 912018103302 | BALASANKAR G | Cf. Bala sangar |
| 29 | 912018103303 | BHARATHI M | BHARATHI. M |
| 30 | 912018103304 | HARI HARAN N | HARI HARAN. N |
| 31 | 912018103305 | HEMANATHAN K | k. Hemanathan |
| 32 | 912018103306 | MUTHUKUMAR K | Muthukumar. K |
| 33 | 912018103501 | SAI SHREE R | R. Sai shree |

M. 
Course Coordinator


HOD

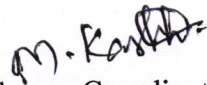

Principal

STUDENTS ATTENDANCE

| | | | | | | | | |
|----|--------------|-----------------|------|------|------|------|------|------|
| 24 | 912018103033 | VASANTH M | Va | Va | Va | Va | Va | Va |
| 25 | 912018103034 | VIGNESH A | Vign | Vign | Vign | Vign | Vign | Vign |
| 26 | 912018103035 | YUVARAJ SINGH D | Yug | Yug | Yug | Yug | Yug | Yug |
| 27 | 912018103301 | ABINASH BABU N | Ab | Ab | Ab | Ab | Ab | Ab |
| 28 | 912018103302 | BALASANKAR G | Ba | Ba | Ba | Ba | Ba | Ba |
| 29 | 912018103303 | BHARATHI M | Ba | Ba | Ba | Ba | Ba | Ba |
| 30 | 912018103304 | HARI HARAN N | H.H | H.H | H.H | H.H | H.H | H.H |
| 31 | 912018103305 | HEMANATHAN K | He | He | He | He | He | He |
| 32 | 912018103306 | MUTHUKUMAR K | Mu | Mu | Mu | Mu | Mu | Mu |
| 33 | 912018103501 | SAI SHREE R | Sai | Sai | Sai | Sai | Sai | Sai |

Tea Break : FN- 11:00 am to 11:15am & AN-03:00 pm to 03:15 pm

Lunch : 12:15 pm to 01:00pm


Course Coordinator


HOD


Principal

MODEL
CERTIFICATES

PANDIAN SARASWATHI YADAV ENGINEERING COLLEGE

Approved by AICTE & Affiliated to Anna University, Chennai.
Arasanoor, Thirumansolai Post, Sivagangai – Madurai Highway, Tamilnadu – 630 561

Value added course on

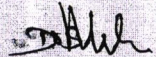
Strategies for Successful Project Execution

Organized by

DEPARTMENT OF CIVIL ENGINEERING

CERTIFICATE

This is to Certify that PRAVEEN K from third year students has participated in the value-added course on **Strategies for Successful Project Execution** by the Department of Civil Engineering from 02.12.2021 to 07.12.2021 (35 Hours) at Pandian Saraswathi Yadav Engineering College, Sivagangai.



Dr. MEENAKSHI SUDARVIZHI

HOD



Dr. R. RAJA

PRINCIPAL

PANDIAN SARASWATHI YADAV ENGINEERING COLLEGE

Approved by AICTE & Affiliated to Anna University, Chennai.

Arasanoor, Thirumansolai Post, Sivagangai – Madurai Highway, Tamilnadu – 630 561

Value added course on

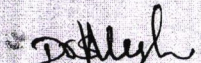
Strategies for Successful Project Execution

Organized by

DEPARTMENT OF CIVIL ENGINEERING

CERTIFICATE

This is to Certify that POORNARAJANA from third year students has participated in the value-added course on **Strategies for Successful Project Execution** by the Department of Civil Engineering from 02.12.2021 to 07.12.2021 (35 Hours) at Pandian Saraswathi Yadav Engineering College, Sivagangai.


Dr. MEENAKSHI SUDARVIZHI
HOD


Dr. R. RAJA
PRINCIPAL

PANDIAN SARASWATHI YADAV ENGINEERING COLLEGE

Approved by AICTE & Affiliated to Anna University, Chennai.
Arasanoor, Thirumansolai Post, Sivagangai – Madurai Highway, Tamilnadu – 630 561

Value added course on

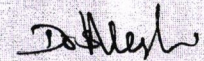
Strategies for Successful Project Execution

Organized by

DEPARTMENT OF CIVIL ENGINEERING

CERTIFICATE

This is to Certify that PRAVEENB from third year students has participated in the value-added course on **Strategies for Successful Project Execution** by the Department of Civil Engineering from 02.12.2021 to 07.12.2021 (35 Hours) at Pandian Saraswathi Yadav Engineering College, Sivagangai.


Dr. MEENAKSHI SUDARVIZHI
HOD


Dr. R. RAJA
PRINCIPAL