# SYLLABUS/ CURRICULUM



(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, Madural - 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

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

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

Chapter 4

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

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

**TOTAL HOURS:35** 

Course-Coordinator

HOD

PRINCIPAL



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### DEPARTMENT OF CIVIL ENGINEERING

Academic Year 2021-2022

VACCE2122SSP - Strategies for Successful Project Execution
Course Schedule

| Date       | Time                | TOPICS  |  |  |  |
|------------|---------------------|---|--|--|--|
|            | 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,              |  |  |  |
| 02/12/2021 | 1.00 pm to 4.15 pm  | - achieving organizational project  |  |  |  |
| 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 needsthe development of a project        |  |  |  |
|            | 1.00 pm to 4.15 pm  | charter, - formal document - authorizing the project - establishing key project parameters.   |  |  |  |
| 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.        |  |  |  |
| 04/12/2021 | 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 |  |  |  |
|            | 1.00 pm to 4.15 pm  | -communication  |  |  |  |
| 06/12/2021 |                     | Monitoring and controlling - the project on track the various techniques for monitoring project performance - tracking progress, identifying deviations - plan, -         |  |  |  |
|            | 1.00 pm to 4.15 pm  | corrective actions .  |  |  |  |
| 07/12/2021 |                     | The Risk management - identifying project risk - addressing potential threats to project success. various techniques for identifying, assessing, and prioritizing project |  |  |  |
|            | 1.00 pm to 4.15 pm  | risks.  |  |  |  |

Tea Break

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

**Total Hours:35** 

Lunch

: 12:15 pm to 01:00pm

**Course-Coordinator** 

HOD

PDINCIPAL



### SARASWATHI YA

pproved by AICTE & Affiliated to Anna University, Chennai)

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### 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 tittle "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.

Course-Coordinator

# 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) Contro
- 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

### ARASANOOR-630561

### DEPARTMENT OF CIVIL ENGINEERING

Academic Year 2021-2022

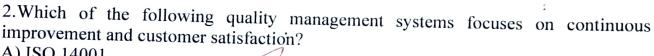
VACCE2122SSP - Strategies for Successful Project Execution

Assessment Test Paper

REGISTER NUMBER: 912018 103028

NAME OF THE STUDENT: Shalini m

- 1. What is the primary goal of quality management?
- A) Maximizing profits
- B) Minimizing costs
- e) Satisfying customer requirements
- D) Expanding market share



- 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
- 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) Ishtkawa Diagram (Fishbone Diagram)
- D) Gantt Chart



| <ul> <li>6. Which quality management decision-making?</li> <li>A) Customer Focus</li> <li>B) Leadership</li> <li>C) Involvement of People</li> <li>D) Process Approach</li> </ul>  | nt principle emphasizes the   | importance of fact-based             |
|--|---|--------------------------------------|
| 7. What does the term "Kaizer A) Continuous Improvement B) Total Quality Management C) Quality Control D) Quality Assurance  |   | ity management?                      |
| 8. Which of the following is Sigma? A) Define B) Monitor C) Analyze D) Contro  | NOT a component of the DN   | MAIC methodology in Six              |
| 9. What is the purpose of a Pa  A) To identify the most impo B) To visualize the distribution C) To monitor process perfor D) To analyze cause-and-effer   | ortant factors contributing to a property on of data contributing to a property or a property of the property | ent?<br>problem                      |
| A) Inspection is the primary in Quality is the responsibility of the primary in t | a key principle of Total Qualit<br>means of quality control<br>ty of the quality control departs<br>is essential for long-term succe<br>econdary to meeting production  | ment only                            |
| Course-Coordinator   | HOD   | PRINCIPAL                            |
| 9. What is the purpose of a Pa  A) To identify the most imporate the distribution of the distribution of the following is the primary of the  | ortant factors contributing to a point on of data  contributing to a point of the contributing to a point of the quality control departing to a point of the quality control departing essential for long-term successive.  | by Management (TQM)?  ment only  ess |

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### PANDIAN SARASWATHI YADAV ENGINEERING COLLEGE, ARASANOOR 630561 DEPARTMENT OF CIVIL ENGINEERING

### Academic Year 2021-2022

Period of course: X2 (2.262) (2.262)

**Duration of Course: 35 hours** 

### Period of course: 02(2.262) to 04(2.262) Duration of Co VACCE2122SSP - STRATEGIES FOR SUCCESSFUL PROJECT EXECUTION

| Sl. No | Register<br>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               |
|        |                    | BIKASH KUMAR       |                  |
| 7      | 912018103010       | 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     | 29               |
| 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               |
|        |                    | SHENBAGA PRAVEEN   |                  |
| 20     | 912018103029       | KUMAR M            | 92               |
| 21     | 912018103030       | SOUNDARYA M        | 93               |
| 22     | 912018103031       | SURYA K            | 90               |
| 23     | 912018103032       | SUSMITHA T         | 91               |
| 24     | 912018103033       | VASANTH M          | 94               |
| 25     | 912018103034       | VIGNESH A          | 96               |
| 26     | 912018103035       | YUVARAJ SINGH D    | 821              |
| 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 | 8-8 |
| 33 | 912018103501 | SAI SHREE R  | 86  |

Course Coordinator

HOD HOD

Principal

# Enrollment Student Name List

### PANDIAN SARASWATHI YADAV ENGINEERING COLLEGE, ARASANOOR 630561 DEPARTMENT OF CIVIL ENGINEERING

### Academic Year 2021-2022

# Period of course: 02.12.2021 to 07.12.202) VACCE2122SSP - STRATEGIES FOR SUCCESSFUL PROJECT EXECUTION

| Sl.<br>No | Register<br>Number | Student Name                | Signature of the Student |
|-----------|--------------------|-----------------------------|--------------------------|
| 1         | 912018103001       | AARTHI V                    | V. Aore                  |
| 2         | 912018103002       | ABIMANYU R                  | ABO                      |
| 3         | 912018103004       | ALAGU MURUGAN A             | ALACTU MURUSIANA         |
| 4         | 912018103005       | ANAND A                     | A. Arant                 |
| 5         | 912018103007       | AYYANAR P                   | D. Ayaras                |
| 6         | 912018103009       | BALAMURUGAN M               | BALAMWILLIAN.M           |
| 7         | 912018103010       | BIKASH KUMAR<br>MANDAL      | Bitan 2                  |
| 8         | 912018103012       | GOKULAKRISHNAN P            | GOYULAK PS LAMAN. P      |
| 9         | 912018103013       | HARI HARA SUDHAN P          | P. harri Lana Such Ran   |
| 10        | 912018103014       | HARIPRASATH P               | H ARIPTHSATH.P           |
| 11        | 912018103017       | KARTHIKEYAN A               | Karelikyeran             |
| 12        | 912018103018       | KARUPPU SAMY P              | P. Komulis               |
| 13        | 912018103019       | MAHA LAKSHMI M              | MARA LAKSAME.M           |
| 14        | 912018103022       | MUGESH K                    | K mcres                  |
| 15        | 912018103023       | POORNARAJAN A               | 9. Parha                 |
| 16        | 912018103024       | PRAVEEN B                   | B. Braveen O             |
| 17        | 912018103025       | PRAVEEN K                   | PRAVEE NIC               |
| 18        | 912018103026       | RUBINI P                    | Rugger P                 |
| 19        | 912018103028       | SHALINI M                   | Shalin                   |
| 20        | 912018103029       | SHENBAGA PRAVEEN<br>KUMAR M | M. ShenBaga Pravech      |
| 21        | 912018103030       | SOUNDARYA M                 | SOUNDARYA. M             |
| 22        | 912018103031       | SURYA K                     | Just ours. K             |
| 23        | 912018103032       | SUSMITHA T                  | Swith                    |
| 24        | 912018103033       | VASANTH M                   | M. vasanth               |
| 25        | 912018103034       | VIGNESH A                   | VIGNESH-A                |
| 26        | 912018103035       | YUVARAJ SINGH D             | p. youardy singh         |
| 27        | 912018103301       | ABINASH BABU N              | ABINASH                  |

| 28 | 912018103302 | BALASANKAR G | Ct. Bala sanger |
|----|--------------|--------------|-----------------|
| 29 | 912018103303 | BHARATHI M   | BHARATILL. M    |
| 30 | 912018103304 | HARI HARAN N | LARI HARAN.N    |
| 31 | 912018103305 | HEMANATHAN K | k. Hemanathon   |
| 32 | 912018103306 | MUTHUKUMAR K | mutheleumar.1c  |
| 33 | 912018103501 | SAI SHREE R  | R. Sais Mree    |

M. Course Coordinator

HOD

Principal

# STUDENTS ATTENDANCE

### PANDIAN SARASWATHI YADAV ENGINEERING COLLEGE, ARASANOOR 630561 DEPARTMENT OF CIVIL ENGINEERING

### Academic Year 2021-2022

### Student attendance Sheet

Period of course: 12-12-2021 to 07-12-2021 Duration of Course VACCE2122SSP-STRATEGIES FOR SUCCESSFUL PROJECT EXECUTION

**Duration of Course: 35 hours** 

|           | Attend             | lance Sheet                 | Day 1         | Day 2         | Day 3         | Day 4         | Day 5         | Day 6         |
|-----------|--------------------|-----------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Sl.<br>No | Register<br>Number | Student Name                | 09.00<br>am - |
| 110       | rumoer             |                             | 04.15<br>pm   | 04.15<br>pm   | 04.15<br>pm   | 04.15<br>pm   | 04.15<br>pm   | 04.15<br>pm   |
| 1         | 912018103001       | AARTHI V                    | Aughi         | Am Thi        | fruth.        | Amth          | Autri         | Auth.         |
| 2         | 912018103002       | ABIMANYU R                  | R.Abi         | R. Abi        |
| 3         | 912018103004       | ALAGU MURUGAN A             | All           | Ala           | Ahy           | She           | Aly           | Alg           |
| 4         | 912018103005       | ANAND A                     | Am            | An            | 4             | A             | A             | A             |
| 5         | 912018103007       | AYYANAR P                   | Agyanas       | Ayer.         | Aggar         | Aggar.        | Dagya         | Awyan         |
| 6         | 912018103009       | BALAMURUGAN M               | M. Bal        | M. Balo       | M. Balo       | M.Bols        | - 1           | n.Bab         |
| 7         | 912018103010       | BIKASH KUMAR<br>MANDAL      | B1-14         | Shop          | gn+           | gha           | Sh            | A.4           |
| 8         | 912018103012       | GOKULAKRISHNAN P            | P.Gum.        | Park          | Bank          | P.Quy         | P Contr.      | Pearly        |
| 9         | 912018103013       | HARI HARA SUDHAN P          | P. 402        | P.Haz         | P. Hazz       | P. Haz        | P. 402        | P. Har        |
| 10        | 912018103014       | HARIPRASATH P               | Home          | Hor           | Har           | Has           | Hor           | Har           |
| 11        | 912018103017       | KARTHIKEYAN A               | Karı          | Ket 1         | Kala          | Keth          | Koth          | Keth          |
| 12        | 912018103018       | KARUPPU SAMY P              | the C         | for           | Mesa          | my            | My            | Mus           |
| 13        | 912018103019       | MAHA LAKSHMI M              | Mor           | Mar           | Mar           | Ma            | Man           | Ma            |
| 14        | 912018103022       | MUGESH K                    | Moush         | Mesosh        | MULLIERA      | Musuch        | Myser         | Myour         |
| 15        | 912018103023       | POORNARAJAN A               | Bair          | Poor          | Pos           | boon          | Bon           | Pso           |
| 16        | 912018103024       | PRAVEEN B                   | Pomber (      | Dunch         | Dunk.         | Dome          | Dandy         | Pinis         |
| 17        | 912018103025       | PRAVEEN K                   | Pour          | Ren           | Ra            | Pm            | Roy           | Bur           |
| 18        | 912018103026       | RUBINI P                    | P. Rubi       | P. Rubia      | P. Rupi       | P. Rubi       | P-Rubin       | P. Rubi       |
| 19        | 912018103028       | SHALINI M                   | Zuha          | Soul          | Zh            | Salvel        | Jours .       | Zu,           |
| 20        | 912018103029       | SHENBAGA PRAVEEN<br>KUMAR M | km            | Kar           | Kar           | Ku            | Km            | Ku            |
| 21        | 912018103030       | SOUNDARYA M                 | Box           | Son           | سوهی          | Sex           | Som           | Son           |
| 22        | 912018103031       | SURYA K                     | Saufer        | Burga         | Surya.        | Zwyd          | Surryer.      | Surge-        |
| 23        | 912018103032       | SUSMITHA T                  | Sw            | Sw            | Som           | Su            | Su            | Sw            |

| 24 | 912018103033 | VASANTH M       | Va       | Vo-     | Vo     | Va      | Va     | Van     |
|----|--------------|-----------------|----------|---------|--------|---------|--------|---------|
| 25 | 912018103034 | VIGNESH A       | Voya     | Vym     | Vigar  | Vigni   | bigh   | Vogen   |
| 26 | 912018103035 | YUVARAJ SINGH D | Die      | Dygo    | Dung.  | Day.    | 1),900 | D. yen  |
| 27 | 912018103301 | ABINASH BABU N  | Da       | AI      | Ad     | A       | Au     | A2      |
| 28 | 912018103302 | BALASANKAR G    | Zul      | B-+     | Bret   | BUL     | Bus    | 21      |
| 29 | 912018103303 | BHARATHI M      | Ba       | Bom     | Bar    | B 0-    | Во     | Bar     |
| 30 | 912018103304 | HARI HARAN N    | N. Hari. | N. Homi | N. the | Mars    | Mr Hay | b. boar |
| 31 | 912018103305 | HEMANATHAN K    | .A.z     | Hung    | that   | trust   | Hong   | Hay     |
| 32 | 912018103306 | MUTHUKUMAR K    | Muton    | mth     | when I | putury. | M      | urfen   |
| 33 | 912018103501 | SAI SHREE R     | Ski      | Spin    | Shi.   | SHO     | Si     | 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

Approved by AICTE & Affiated 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      | PRAVEE        | x.k         | from            | third year     | r stude  | nts has |
|-------------------------|-----------|---------------|-------------|-----------------|----------------|----------|---------|
| participated in         | the va    | lue-added     | course on   | Strategies      | for Succe      | essful   | Project |
| <b>Execution</b> by the | e Departr | ment of Civil | Engineering | g from 02.12.20 | 021 to 07.12.2 | 2021 (35 | Hours)  |
| at Pandian Sarc         | aswathi Y | adav Engine   | ering Colle | ge, Sivagang    | ai.            |          |         |

Dr. MEENAKSHI SUDARVIZHI
HOD

Dr. R. RAJA PRINICIPAL

Approved by AICTE & Affiated 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      | · POORNARAJAN-A          | from th              | nird year students has   |
|------------------------------|--------------------------|----------------------|--------------------------|
| participated in the          | value-added course       | on Strategies fo     | r Successful Project     |
| <b>Execution</b> by the Depo | artment of Civil Enginee | ring from 02.12.2021 | to 07.12.2021 (35 Hours) |
| at Pandian Saraswath         | ni Yadav Engineering Co  | ollege, Sivagangai.  |                          |

Dr. MEENAKSHI SUDARVIZHI

HOD

Dr. R. RAJA PRINICIPAL

Approved by AICTE & Affiated 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 stude    | ents has   |
|------------------------------|------------------------|------------|------------|---------------------|--|
| participated in the v        | value-added course     | on Stro    | itegies f  | or Successful       | Proiect  |
| <b>Execution</b> by the Depa | rtment of Civil Engine | ering fron | n 02.12.20 | 21 to 07.12.2021 (3 | 5 Hours)   |
| at Pandian Saraswathi        | Yadav Engineering C    | ollege, Si | vaganga    | ii.                 | The second section is a second section of the second section of the second section is a second section of the second section of the second section is a second section of the section of the section is a second section of the section of th |

Dr. MEENAKSHI SUDARVIZHI

Dr. R. RAJA PRINICIPAL