



SRI BHARATHI

ENGINEERING COLLEGE FOR WOMEN

(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)
Kaikkurichi, Pudukkottai -622 303

www.sbec.edu.in

NAAC DOCUMENTS



Quality Indicator Frame Work

Criterion – 2

Teaching-Learning and Evaluation

Submitted by

IQAC

Internal Quality Assurance Cell

Sri Bharathi Engineering College for Women



Criteria 2

Teaching-Learning and Evaluation

350

Key Indicator- 2.3. Teaching- Learning Process (40)

2021-2022

SCIENCE AND HUMANITIES

PARTICIPATIVE LEARNING

| Activity | Number of Students attended | Page No. |
|--------------------------------|-----------------------------|----------|
| Value Added Course | 96 | 3 |
| TOTAL STUDENTS ATTENDED | 96 | - |



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Kaikkurichi, Pudukkottai, Tamil Nadu – 622 303, India

Criteria 2

Teaching-Learning and Evaluation

350

Key Indicator- 2.3. Teaching- Learning Process (40)

2021-2022

SCIENCE AND HUMANITIES

PARTICIPATIVE LEARNING

VALUE ADDED COURSE



SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN

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Kaikkurichi, Pudukkottai, Tamil Nadu – 622 303, India

DEPARTMENT OF SCIENCE AND HUMANITIES

ACADEMIC YEAR 2021-2022 / ODD SEMESTER

Date: 17.01.2022

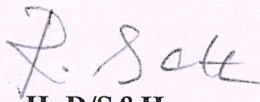
DEPARTMENT CIRCULAR

It is planned to conduct Value added course offered by the Department of Science and Humanities for all First year students on “**FOUNDATIONS OF COMPUTING**” by NOTUS SOFT SOLUTION from 24.01.2022 to 29.01.2022. Certificate will be issued to the eligible participants at the end of the course. The resource person details are shown in the following table.

| S.No. | Name of the Course | Resource Person |
|-------|---------------------------------|---|
| 1. | Foundations Of Computing | R.Karpagam B.E., Trainer, Notus Soft Solution. |

Cc:

- Principal's Office
- IQAC Coordinator
- Class In charges – I Years (All Departments)
- I-year Students(Civil,ECE,EEE,CSE)
- Notice Board


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COLLEGE FOR WOMEN
KAIKKURICHI
PUDUKKOTTAI - 622 303.


D. S. THILAGAVATHI M.E., Ph.D.,
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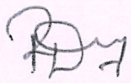
DEPARTMENT OF SCIENCE AND HUMANITIES

ACADEMIC YEAR 2021-2022 / ODD SEMESTER

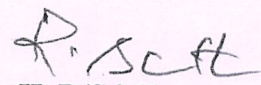
Value Added Course on “FOUNDATIONS OF COMPUTING”

SYLLABUS

| S.NO | TOPIC COVERED | DURATION (in hours) | DATE |
|--------------------|---|------------------------|------------|
| 1 | Understanding the basic concepts of Computer | 1 | 24.01.2022 |
| 2 | Evolution of computers and their impact on society | 2 | 24.01.2022 |
| 3 | Overview of hardware and software components | 3 | 24.01.2022 |
| 4 | Understanding the internal components of a computer | 3 | 25.01.2022 |
| 5 | Peripheral devices and their functions | 2 | 25.01.2022 |
| 6 | Computer assembly and maintenance basics | 1 | 25.01.2022 |
| 7 | Different types of software (operating systems, applications, utilities, etc.) | 3 | 27.01.2022 |
| 8 | Introduction to file systems and data organization | 3 | 27.01.2022 |
| 9 | Basic computer organization and architecture | 3 | 28.01.2022 |
| 10 | How the CPU executes instructions | 2 | 28.01.2022 |
| 11 | Memory hierarchy and cache systems | 1 | 28.01.2022 |
| 12 | Overview of programming languages (e.g., Python, Java, C++) | 3 | 29.01.2022 |
| 13 | Basic programming constructs (variables, data types, loops, conditionals) and Writing and running simple programs | 3 | 29.01.2022 |
| Total Hours | | 30 | |


VAC Coordinator


Dr. S.THILAGAVATHI M.E., Ph.D.,
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DEPARTMENT OF SCIENCE AND HUMANITIES

ACADEMIC YEAR 2021-2022 (ODD SEM)

STUDENTS PARTICIPATION LIST-VAC PROGRAM

FOUNDATIONS OF COMPUTING

| S.NO | ROLL.NO | NAME OF THE STUDENT | YEAR/BRANCH |
|------|---------|---------------------|-------------|
| 1 | 21CE01 | AKILA G | I/CIVIL |
| 2 | 21CE02 | GAYATHRI G | I/CIVIL |
| 3 | 21CE03 | JAYABHARATHI R | I/CIVIL |
| 4 | 21CE04 | JAYA MANOHARI B | I/CIVIL |
| 5 | 21CE05 | PRIYADHARSHINI A | I/CIVIL |
| 6 | 21CE06 | RABIA BANU M | I/CIVIL |
| 7 | 21CE07 | SHERLIN KAVYA B | I/CIVIL |
| 8 | 21EC01 | AMRIN M | I/ECE |
| 9 | 21EC02 | BHUVANESWARI C | I/ECE |
| 10 | 21EC03 | DHANYASHREE A | I/ECE |
| 11 | 21EC04 | KALAIVANI R | I/ECE |
| 12 | 21EC05 | KAVIYA K | I/ECE |
| 13 | 21EC06 | KEERTHANA V | I/ECE |
| 14 | 21EC07 | PAVITHRA P | I/ECE |
| 15 | 21EC08 | RAJESHWARI R | I/ECE |
| 16 | 21EC09 | SUBALAKSHMI M | I/ECE |
| 17 | 21EC10 | SUGUNA C | I/ECE |
| 18 | 21EE01 | GOKULAPRAVEENA A | I/EEE |
| 19 | 21EE02 | RAFEEQA N | I/EEE |
| | 21EE04 | SUMITHRA S | I/EEE |
| | 21CS01 | ASHIKA B | I/CSE |

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| | | | |
|----|--------|-------------------|-------|
| 22 | 21CS02 | ABINAYA K | I/CSE |
| 23 | 21CS03 | AMEERA N | I/CSE |
| 24 | 21CS04 | ANJUGAM C | I/CSE |
| 25 | 21CS05 | ARUNDATHI S | I/CSE |
| 26 | 21CS06 | DIVYA T | I/CSE |
| 27 | 21CS07 | ELACKIYA G | I/CSE |
| 28 | 21CS08 | GAYATHRI K | I/CSE |
| 29 | 21CS09 | GEETHA M | I/CSE |
| 30 | 21CS10 | HARSHITHA P | I/CSE |
| 31 | 21CS11 | ISHWARYA S | I/CSE |
| 32 | 21CS12 | JANANI R | I/CSE |
| 33 | 21CS13 | KANDALAKSHMI A | I/CSE |
| 34 | 21CS15 | LAVANYA S | I/CSE |
| 35 | 21CS16 | MAHASREE P | I/CSE |
| 36 | 21CS18 | PRIYA M | I/CSE |
| 37 | 21CS19 | RABIKA R | I/CSE |
| 38 | 21CS22 | SAHEENA BEGAM A | I/CSE |
| 39 | 21CS23 | SASIPRIYA R | I/CSE |
| 40 | 21CS21 | SHAMIMA P | I/CSE |
| 41 | 21CS24 | SHEERA BANU A | I/CSE |
| 42 | 21CS25 | SIVAJOTHIKA S | I/CSE |
| 43 | 21CS26 | SIVAPRIYA R | I/CSE |
| 44 | 21CS27 | SUBHA DHARSHINI S | I/CSE |
| 45 | 21CS28 | SUBIKSHA S | I/CSE |
| 46 | 21CS29 | VINITHA K | I/CSE |
| 47 | 21CS30 | VISALATCHI S | I/CSE |
| 48 | 21CS31 | YOGESHWARI S | I/CSE |

VAC Coordinator

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DEPARTMENT OF SCIENCE AND HUMANITIES

ACADEMIC YEAR 2021-2022 (ODD SEM)

ATTENDANCE SHEET FOR VALUE ADDED COURSE- FOUNDATIONS OF COMPUTING

| S.N O | ROLL.NO | NAME OF THE STUDENT | YEAR/ BRANCH | DATE: 24.01.22 | | DATE: 25.01.22 | | DATE: 27.01.22 | | DATE: 28.01.22 | | DATE: 29.01.22 | | NO OF SESSIONS ATTENDED | SIGNATURE OF THE STUDENT |
|----------|---------|------------------------|-----------------|-------------------|--------|-------------------|---------|-------------------|----|-------------------|----|-------------------|----|-------------------------------|--------------------------------|
| | | | | FN | AN | FN | AN | FN | AN | FN | AN | FN | AN | | |
| | | | | 1 | 21CE01 | AKILA G | I/CIVIL | / | / | / | / | / | / | | |
| 2 | 21CE02 | GAYATHRI G | I/CIVIL | / | / | / | / | a | a | / | / | / | / | 08 | G. Gayathri |
| 3 | 21CE03 | JAYABHARATHI R | I/CIVIL | / | / | / | / | / | / | / | / | / | / | 10 | R. Jayabharathi |
| 4 | 21CE04 | JAYA MANOHARI B | I/CIVIL | / | / | / | / | / | / | / | / | / | / | 10 | B. Jayabharathi |
| 5 | 21CE05 | PRIYADHARSHINI A | I/CIVIL | / | / | / | / | / | / | / | / | / | / | 10 | P. Priyadharshini |
| 6 | 21CE06 | RABIA BANU M | I/CIVIL | / | / | / | / | / | / | / | / | / | / | 10 | R. Rabia Banu |
| 7 | 21CE07 | SHERLIN KAVYA B | I/CIVIL | / | / | / | / | / | / | / | / | / | / | 10 | B. Sherlin Kavya |
| 8 | 21EC01 | AMRIN M | I/ECE | / | / | / | / | / | / | / | / | / | / | 10 | M. Amrin |
| 9 | 21EC02 | BHUVANESWARI C | I/ECE | / | / | / | / | / | / | / | / | / | / | 10 | C. Bhuvaneshwari |
| 10 | 21EC03 | DHANYASHREE A | I/ECE | / | / | / | / | / | / | / | / | / | / | 10 | A. Dhanyashree |
| | | KALAIVANI R | I/ECE | / | / | / | / | / | / | / | / | / | / | 10 | R. Kalavani |

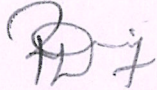
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PRINCIPAL

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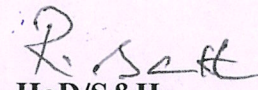
| | | | | | | | | | | | | | | | |
|----|--------|------------------|-------|---|---|---|---|---|---|---|---|---|---|----|---------------|
| 12 | 21EC05 | KAVIYA K | I/ECE | / | / | / | / | / | / | / | / | / | / | 10 | k.kaviya |
| 13 | 21EC06 | KEERTHANA V | I/ECE | / | / | / | / | / | / | / | / | / | / | 10 | V.Keerthana |
| 14 | 21EC07 | PAVITHRA P | I/ECE | / | / | / | / | / | / | / | / | / | / | 10 | P.Pavithra |
| 15 | 21EC08 | RAJESHWARI R | I/ECE | / | / | / | / | / | / | / | / | / | / | 10 | R.Rajeshwari |
| 16 | 21EC09 | SUBALAKSHMI M | I/ECE | / | / | / | / | / | / | / | / | / | / | 10 | M.Subalakshmi |
| 17 | 21EC10 | SUGUNA C | I/ECE | / | / | / | / | / | / | / | / | / | / | 10 | C.Suguna |
| 18 | 21EE01 | GOKULAPRAVEENA A | I/EEE | / | / | / | / | / | / | / | / | / | / | 10 | A.Gokulapriya |
| 19 | 21EE02 | RAFEEQA N | I/EEE | / | / | / | / | / | / | / | / | / | / | 10 | N.Rafeeqa |
| 20 | 21EE04 | SUMITHRA S | I/EEE | / | / | / | / | / | / | / | / | / | / | 10 | S.Sumithra |
| 21 | 21CS01 | ABINAYA K | I/CSE | / | / | / | / | / | / | / | / | / | / | 10 | K.Abinaya |
| 22 | 21CS02 | AMEERA N | I/CSE | / | / | / | / | / | / | / | / | / | / | 10 | Ameera |
| 23 | 21CS03 | ANJUGAM C | I/CSE | / | / | / | / | / | / | / | / | / | / | 10 | C.Anjugam |
| 24 | 21CS04 | ARUNDATHI S | I/CSE | / | / | / | / | / | / | / | / | / | / | 10 | S.Arundathi |
| 25 | 21CS05 | ASHIKA B | I/CSE | / | / | / | / | / | / | / | / | / | / | 10 | B.Ashika |
| 26 | 21CS06 | DIVYA T | I/CSE | / | / | / | / | / | / | / | / | / | / | 10 | T.Divya |
| 27 | 21CS07 | ELACKIYA G | I/CSE | / | / | / | / | / | / | / | / | / | / | 10 | G.Elackiya |
| 28 | 21CS08 | GAYATHRI K | I/CSE | / | / | / | / | / | / | / | / | / | / | 10 | K.Gayathri |
| 29 | 21CS09 | GEETHA M | I/CSE | / | / | / | / | / | / | / | / | / | / | 10 | M.Geetha |
| 30 | 21CS10 | HARSHITHA P | I/CSE | / | / | / | / | / | / | / | / | / | / | 10 | P.Harshitha |
| 31 | 21CS11 | ISHWARYA S | I/CSE | / | / | / | / | / | / | / | / | / | / | 10 | S.Ishwarya |
| 32 | 21CS12 | JANANI R | I/CSE | a | a | / | / | / | / | / | / | / | / | 08 | R.Janani |

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| | | | | | | | | | | | | | | | | |
|----|--------|-------------------|-------|---|---|---|---|---|---|---|---|---|---|---|----|------------------|
| 33 | 21CS13 | KANDALAKSHMI A | I/CSE | / | / | / | / | / | / | / | / | / | / | / | 10 | A. Kandalakshmi |
| 34 | 21CS15 | LAVANYA S | I/CSE | / | / | / | / | / | / | / | / | / | / | / | 10 | S. Lavanya |
| 35 | 21CS16 | MAHASREE P | I/CSE | / | / | / | / | / | / | / | / | / | / | / | 10 | P. Mahasree |
| 36 | 21CS18 | PRIYA M | I/CSE | / | / | / | / | / | / | / | / | / | / | / | 10 | M. Priya |
| 37 | 21CS19 | RABIKA R | I/CSE | / | / | / | / | / | / | / | / | / | / | / | 10 | R. Rabika |
| 38 | 21CS22 | SAHEENA BEGAM A | I/CSE | / | / | / | / | / | / | / | / | / | / | / | 10 | A. Saheena Begam |
| 39 | 21CS23 | SASIPRIYA R | I/CSE | / | / | / | / | / | / | / | / | / | / | / | 10 | R. Sasipriya |
| 40 | 21CS21 | SHAMIMA P | I/CSE | / | / | / | / | / | / | / | / | / | / | / | 10 | P. Shamima |
| 41 | 21CS24 | SHEERA BANU A | I/CSE | / | / | / | / | / | / | / | / | / | / | / | 10 | A. Sheera |
| 42 | 21CS25 | SIVAJOTHIKA S | I/CSE | / | / | / | / | / | / | / | / | / | / | / | 10 | S. Sivajothika |
| 43 | 21CS26 | SIVAPRIYA R | I/CSE | / | / | / | / | / | / | / | / | / | / | / | 10 | R. Sivapriya |
| 44 | 21CS27 | SUBHA DHARSHINI S | I/CSE | / | / | / | / | / | / | / | / | / | / | / | 10 | S. Subha |
| 45 | 21CS28 | SUBIKSHA S | I/CSE | / | / | / | / | / | / | / | / | / | / | / | 10 | S. Subiksha |
| 46 | 21CS29 | VINITHA K | I/CSE | / | / | / | / | / | / | / | / | / | / | / | 10 | K. Vinittha |
| 47 | 21CS30 | VISALATCHI S | I/CSE | / | / | / | / | / | / | / | / | / | / | / | 10 | S. Visalatchi |
| 48 | 21CS31 | YOGESHWARI S | I/CSE | / | / | / | / | / | / | / | / | / | / | / | 10 | S. Yogeshwari |


VAC Coordinator


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Kaikkurichi, Pudukkottai, Tamil Nadu – 622 303, India

Report on Value Added Course

Title: FOUNDATIONS OF COMPUTING

Resource Person: R.Karpagam B.E.,
Trainer,
Notus Soft Solution.

Date of conduct from : 24.01.2022 To: 29.01.2022 Duration: 30 Hours

Organized Department : SCIENCE AND HUMANITIES

Participant Year: I(CIVIL, CSE,EEE ,ECE) Semester: ODD No. of Students Registered : 48

Venue: Seminar Hall

Outcome of Value Added Course (VAC)

At the end of the VAC course the student can able to

- Understanding the concept of input and output devices of Computers.
- Learn the functional units and classify types of computers, how they process information and how individual computers interact with other computing systems and devices.
- Understand an operating system and its working, and solve common problems related to operating systems.
- Learn basic word processing, Spreadsheet and Presentation Graphics Software skills.
- Use the Internet safely, legally, and responsibly

Assessment Process

- Students securing more than 60% on total score and secured more than 75% in attendance is eligible to receive the certificate for the VAC course conducted
- Total Score = (0.5 * Attendance in VAC out of 100 percentage + 0.5 * Test mark in VAC out of 100 marks)

VAC Coordinator

HoD/S&H
HOD / S&H

Principal

PRINCIPAL

Dr. S.THILAGAVATHI M.E., Ph.D.,
PRINCIPAL

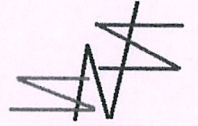
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PUDUKKOTTAI - 622 303.

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PUDUKKOTTAI DISTRICT



Notus Soft Solution



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Certificate of Completion

This is to certify that Ms. JAYABHARATHI R I Year *CIVIL* has completed her Value-added program regarding *Foundations of Computing* for a period of 5 days from 24.01.2022 to 29.01.2022.

Authorised Signature

NOTUS SOFT SOLUTION

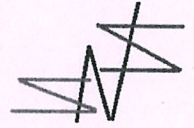
Dr. **S. THILAGAVATHI M.E., Ph.D.,**
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Kaikkurichi - 622 303, Pudukkottai Dt.

Principal

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Certificate of Completion

This is to certify that Ms. KEERTHANA V I Year *ECE* has completed her Value-added program regarding *Foundations of Computing* for a period of 5 days from 24.01.2022 to 29.01.2022.

Authorised Signature

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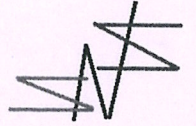
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Certificate of Completion

This is to certify that Ms. RAFEEQA N | Year *EEE* has completed her Value-added program regarding *Foundations of Computing* for a period of 5 days from 24.01.2022 to 29.01.2022.

Authorised Signature

NOTUS SOFT SOLUTION

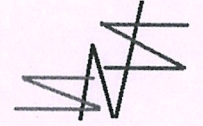
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Certificate of Completion

This is to certify that Ms. ELACKIYA G I Year *CSE* has completed her Value-added program regarding *Foundations of Computing* for a period of 5 days from 24.01.2022 to 29.01.2022.

Authorised Signature

NOTUS SOFT SOLUTION

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DEPARTMENT OF SCIENCE AND HUMANITIES

ACADEMIC YEAR 2021-2022 / ODD SEMESTER

Value Added Course on “Foundations Of Computing”

MCQ QUESTIONS (25X1=25 Marks)

1. What is a computer?
 - a) A device that performs calculations
 - b) A machine that stores and retrieves data
 - c) An electronic device that processes information
 - d) All of the above
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KAIKKURICHI, PUDUKKOTTAI -622 303.

DEPARTMENT OF SCIENCE AND HUMANITIES

ACADEMIC YEAR 2021-2022 / ODD SEMESTER

Value Added Course on “Foundations of Computing”

MCQ ANSWER KEY

| | | | | | | | | | |
|---|---|----|---|----|---|----|---|----|---|
| 1 | c | 6 | d | 11 | b | 16 | a | 21 | b |
| 2 | d | 7 | c | 12 | b | 17 | c | 22 | c |
| 3 | b | 8 | d | 13 | d | 18 | b | 23 | b |
| 4 | b | 9 | c | 14 | c | 19 | b | 24 | b |
| 5 | c | 10 | c | 15 | c | 20 | a | 25 | b |

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Kaikkurichi - 622 303, Pudukkotta: Dt.

VAC Coordinator



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Kaikkurichi, Pudukkottai, Tamil Nadu – 622 303, India

DEPARTMENT OF SCIENCE AND HUMANITIES

ACADEMIC YEAR 2021-2022 / ODD SEMESTER

Name of the Student : R. Jayabharathi

Year/Sem : I / I

AU Register Number : 2ICE 03

Department : Civil

Value Added Course on "Foundations Of Computing"

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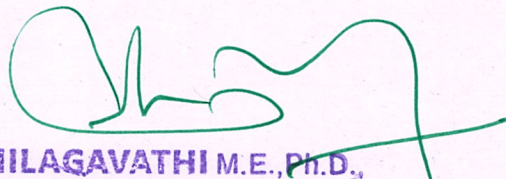
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DEPARTMENT OF SCIENCE AND HUMANITIES

ACADEMIC YEAR 2021-2022 / ODD SEMESTER

Name of the Student : P. PAVITHRA

Year/Sem : I / I

AU Register Number : Q1EC07

Department : ECE

19
25

DM

Value Added Course on “Foundations Of Computing”

MCQ QUESTIONS (25X1=25 Marks)

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DEPARTMENT OF SCIENCE AND HUMANITIES

ACADEMIC YEAR 2021-2022 / ODD SEMESTER

Name of the Student : *A. Gokula Praveena* Year/Sem : *I / I*

AU Register Number : *21EE01* Department : *EEE*

Value Added Course on “Foundations Of Computing”

MCQ QUESTIONS (25X1=25 Marks)

19
25

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DEPARTMENT OF SCIENCE AND HUMANITIES

ACADEMIC YEAR 2021-2022 / ODD SEMESTER

Name of the Student : R. Rabilca

Year/Sem : III

AU Register Number : 21CS17

Department : CSE

Value Added Course on "Foundations Of Computing"

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20. Which type of programming language requires a translator to convert code into machine-readable form?
 a) High-level language
c) Low-level language
b) Assembly language
d) Machine language
21. The process of converting high-level programming code into machine code is called:
a) Interpretation
c) Execution
 b) Compilation
d) Debugging
22. Which of the following is NOT a high-level programming language?
a) Python
 c) Assembly language
b) C++
d) Java
23. What is a programming language?
a) A language spoken by programmers
 b) A set of instructions for a computer to perform tasks
c) A language used for writing novels and stories
d) A language used for data representation
24. Which of the following is an example of a secondary storage device?
a) RAM (Random Access Memory)
c) CPU (Central Processing Unit)
 b) SSD (Solid State Drive)
d) Cache Memory
25. What is the function of RAM (Random Access Memory) in a computer?
a) Long-term storage of data and programs
b) Temporary storage for data and programs being used by the CPU
 c) Managing input and output devices
d) Executing application programs



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Kaikkurichi, Pudukkottai, Tamil Nadu – 622 303, India

DEPARTMENT OF SCIENCE AND HUMANITIES

ACADEMIC YEAR 2021-2022 (ODD SEM)

MARK SHEET FOR VALUE ADDED COURSE- FOUNDATIONS OF COMPUTING

| S.NO | ROLL.NO | NAME OF THE STUDENT | YEAR/ BRANCH | ATTENDANCE DETAILS | | VAC-MCQ TEST | | OVERALL MARK(100) (50% of A + 50% of B) |
|------|---------|---------------------|-----------------|-------------------------------|--------------------------------|-----------------------------|-------------------------|--|
| | | | | No of Sessions Attended | Attendance Mark(100) (A) | No of Correct Answers | MCQ Mark(100) (B) | |
| 1 | 21CE01 | AKILA G | I/CIVIL | 10 | 100 | 15 | 60 | 80 |
| 2 | 21CE02 | GAYATHRI G | I/CIVIL | 8 | 80 | 19 | 76 | 78 |
| 3 | 21CE03 | JAYABHARATHI R | I/CIVIL | 10 | 100 | 20 | 80 | 90 |
| 4 | 21CE04 | JAYA MANOHARI B | I/CIVIL | 10 | 100 | 18 | 72 | 86 |
| 5 | 21CE05 | PRIYADHARSHINI A | I/CIVIL | 10 | 100 | 13 | 52 | 76 |
| 6 | 21CE06 | RABIA BANU M | I/CIVIL | 10 | 100 | 14 | 56 | 78 |
| 7 | 21CE07 | SHERLIN KAVYA B | I/CIVIL | 10 | 100 | 19 | 76 | 88 |
| 8 | 21EC01 | AMRIN M | I/ECE | 10 | 100 | 17 | 68 | 84 |


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| | | | | | | | | |
|----|--------|------------------|-------|----|-----|----|----|----|
| 9 | 21EC02 | BHUVANESWARI C | I/ECE | 10 | 100 | 13 | 52 | 76 |
| 10 | 21EC03 | DHANYASHREE A | I/ECE | 10 | 100 | 16 | 64 | 82 |
| 11 | 21EC04 | KALAIVANI R | I/ECE | 10 | 100 | 15 | 60 | 80 |
| 12 | 21EC05 | KAVIYA K | I/ECE | 10 | 100 | 17 | 68 | 84 |
| 13 | 21EC06 | KEERTHANA V | I/ECE | 10 | 100 | 15 | 60 | 80 |
| 14 | 21EC07 | PAVITHRA P | I/ECE | 10 | 100 | 19 | 76 | 88 |
| 15 | 21EC08 | RAJESHWARI R | I/ECE | 10 | 100 | 14 | 56 | 78 |
| 16 | 21EC09 | SUBALAKSHMI M | I/ECE | 10 | 100 | 19 | 76 | 88 |
| 17 | 21EC10 | SUGUNA C | I/ECE | 10 | 100 | 20 | 80 | 90 |
| 18 | 21EE01 | GOKULAPRAVEENA A | I/EEE | 10 | 100 | 19 | 76 | 88 |
| 19 | 21EE02 | RAFEEQA N | I/EEE | 10 | 100 | 18 | 72 | 86 |
| 20 | 21EE04 | SUMITHRA S | I/EEE | 10 | 100 | 17 | 68 | 84 |
| 21 | 21CS01 | ABINAYA K | I/CSE | 10 | 100 | 13 | 52 | 76 |
| 22 | 21CS02 | AMEERA N | I/CSE | 10 | 100 | 18 | 72 | 86 |
| 23 | 21CS03 | ANJUGAM C | I/CSE | 10 | 100 | 11 | 44 | 72 |

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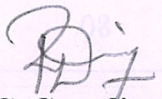
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| | | | | | | | | |
|----|--------|-----------------|-------|----|-----|----|----|----|
| 24 | 21CS04 | ARUNDATHI S | I/CSE | 10 | 100 | 17 | 68 | 84 |
| 25 | 21CS05 | ASHIKA B | I/CSE | 10 | 100 | 15 | 60 | 80 |
| 26 | 21CS06 | DIVYA T | I/CSE | 10 | 100 | 16 | 64 | 82 |
| 27 | 21CS07 | ELACKIYA G | I/CSE | 10 | 100 | 18 | 72 | 86 |
| 28 | 21CS08 | GAYATHRI K | I/CSE | 10 | 100 | 19 | 76 | 88 |
| 29 | 21CS09 | GEETHA M | I/CSE | 10 | 100 | 20 | 80 | 90 |
| 30 | 21CS10 | HARSHITHA P | I/CSE | 10 | 100 | 18 | 72 | 86 |
| 31 | 21CS11 | ISHWARYA S | I/CSE | 10 | 100 | 13 | 52 | 76 |
| 32 | 21CS12 | JANANI R | I/CSE | 8 | 80 | 15 | 60 | 70 |
| 33 | 21CS13 | KANDALAKSHMI A | I/CSE | 10 | 100 | 17 | 68 | 84 |
| 34 | 21CS15 | LAVANYA S | I/CSE | 10 | 100 | 13 | 52 | 76 |
| 35 | 21CS16 | MAHASREE P | I/CSE | 10 | 100 | 15 | 60 | 80 |
| 36 | 21CS18 | PRIYA M | I/CSE | 10 | 100 | 20 | 80 | 90 |
| 37 | 21CS19 | RABIKA R | I/CSE | 10 | 100 | 21 | 84 | 92 |
| 38 | 21CS22 | SAHEENA BEGAM A | I/CSE | 10 | 100 | 19 | 76 | 88 |

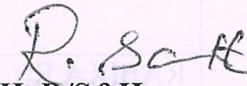
Dr. **S.THILAGAVATHI M.E.,PH.D.**
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| | | | | | | | | |
|----|--------|-------------------|-------|----|-----|----|----|----|
| 39 | 21CS23 | SASIPRIYA R | I/CSE | 10 | 100 | 18 | 72 | 86 |
| 40 | 21CS21 | SHAMIMA P | I/CSE | 10 | 100 | 13 | 52 | 76 |
| 41 | 21CS24 | SHEERA BANU A | I/CSE | 10 | 100 | 15 | 60 | 80 |
| 42 | 21CS25 | SIVAJOTHIKA S | I/CSE | 10 | 100 | 21 | 84 | 92 |
| 43 | 21CS26 | SIVAPRIYA R | I/CSE | 10 | 100 | 20 | 80 | 90 |
| 44 | 21CS27 | SUBHA DHARSHINI S | I/CSE | 10 | 100 | 18 | 72 | 86 |
| 45 | 21CS28 | SUBIKSHA S | I/CSE | 10 | 100 | 22 | 88 | 94 |
| 46 | 21CS29 | VINITHA K | I/CSE | 10 | 100 | 20 | 80 | 90 |
| 47 | 21CS30 | VISALATCHI S | I/CSE | 10 | 100 | 21 | 84 | 92 |
| 48 | 21CS31 | YOGESHWARI S | I/CSE | 10 | 100 | 19 | 76 | 88 |


VAC Coordinator


S. THILAGAVATHI M.E., Ph.D.
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DEPARTMENT OF SCIENCE AND HUMANITIES

ACADEMIC YEAR 2021-2022 / EVEN SEMESTER

Date: 24.03.2022


DEPARTMENT CIRCULAR

Certificate course offered by the Department of Science and Humanities for all First year students on “**Aptitude and Reasoning**” in our college campus from 28.03.2022 to 01.04.2022. Certificate will be issued to the eligible participants at the end of the course.

| S.No. | Name of the Course | Resource Person |
|-------|------------------------|--|
| 1. | APTITUDE AND REASONING | 1.Mrs.N.Vithya Assistant Professor/Mathematics Sri Bharathi Engineering College for Women, Pudukkottai-622303, Tamilnadu. |
| | | 2.Ms.R.Divya Assistant Professor/Mathematics Sri Bharathi Engineering College for Women, Pudukkottai-622303, Tamilnadu. |

Cc:

- Principal's Office
- IQAC Coordinator
- Class In charges – I Years (All Departments)
- I-year Students(Civil,ECE,EEE,CSE)
- Notice Board


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DEPARTMENT OF SCIENCE AND HUMANITIES

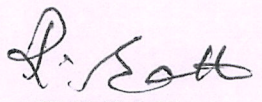
ACADEMIC YEAR 2021-2022 / EVEN SEMESTER

Certificate Course on “APTITUDE AND REASONING”

| S.NO | TOPIC COVERED | DURATION (in hours) | DATE/Session | Resource person |
|--------------------|---|------------------------|---------------|-----------------|
| 1 | Number systems and basic arithmetic operations | 1 | 28.03.2022/FN | N.Vithya |
| 2 | Percentages, ratios, and proportions, Profit and loss problems | 2 | 28.03.2022/FN | N.Vithya |
| 3 | Time, speed, and distance, Averages and mixtures | 3 | 28.03.2022/AN | R.Divya |
| 4 | Tabular Data Interpretation and Bar Graphs and Pie Charts | 3 | 29.03.2022/FN | R.Divya |
| 5 | Line Graphs and Trend Analysis | 3 | 29.03.2022/AN | N.Vithya |
| 6 | Syllogisms and logical deductions | 3 | 30.03.2022/FN | N.Vithya |
| 7 | Coding-decoding and Analogies and classification | 3 | 30.03.2022/AN | R.Divya |
| 8 | Blood relations and Critical Reasoning | 3 | 31.03.2022/FN | N.Vithya |
| 9 | Logical Puzzles and Statement-Assumption and Statement - conclusion | 3 | 31.03.2022/AN | R.Divya |
| 10 | Verbal Reasoning | 3 | 01.04.2022/FN | R.Divya |
| 11 | Statement and inference | 3 | 01.04.2022/AN | N.Vithya |
| Total Hours | | 30 | | |


Course Coordinator


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DEPARTMENT OF SCIENCE AND HUMANITIES

ACADEMIC YEAR 2021-2022 (EVEN SEM)

STUDENTS PARTICIPATION LIST-CERTIFICATE PROGRAM

APTITUDE AND REASONING

| S.NO | REG.NO | NAME OF THE STUDENT | YEAR/BRANCH |
|------|--------------|---------------------|-------------|
| 1 | 912621103001 | AKILA G | I/CIVIL |
| 2 | 912621103002 | GAYATHRI G | I/CIVIL |
| 3 | 912621103003 | JAYABHARATHI R | I/CIVIL |
| 4 | 912621103004 | JAYA MANOHARI B | I/CIVIL |
| 5 | 912621103005 | PRIYADHARSHINI A | I/CIVIL |
| 6 | 912621103006 | RABIA BANU M | I/CIVIL |
| 7 | 912621103007 | SHERLIN KAVYA B | I/CIVIL |
| 8 | 912621106001 | AMRIN M | I/ECE |
| 9 | 912621106002 | BHUVANESWARI C | I/ECE |
| 10 | 912621106003 | DHANYASHREE A | I/ECE |
| 11 | 912621106004 | KALAIVANI R | I/ECE |
| 12 | 912621106005 | KAVIYA K | I/ECE |
| 13 | 912621106006 | KEERTHANA V | I/ECE |
| 14 | 912621106007 | PAVITHRA P | I/ECE |
| 15 | 912621106008 | RAJESHWARI R | I/ECE |
| 16 | 912621106009 | SUBALAKSHMI M | I/ECE |
| 17 | 912621106010 | SUGUNA C | I/ECE |
| 18 | 912621105001 | GOKULAPRAVEENA A | I/EEE |
| 19 | 912621105002 | RAFEEQA N | I/EEE |
| 20 | 912621105004 | SUMITHRA S | I/EEE |
| | 912621104001 | ABINAYA K | I/CSE |

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| | | | |
|----|--------------|-------------------|-------|
| 22 | 912621104002 | AMEERA N | I/CSE |
| 23 | 912621104003 | ANJUGAM C | I/CSE |
| 24 | 912621104004 | ARUNDATHI S | I/CSE |
| 25 | 912621104005 | ASHIKA B | I/CSE |
| 26 | 912621104006 | DIVYA T | I/CSE |
| 27 | 912621104007 | ELACKIYA G | I/CSE |
| 28 | 912621104008 | GAYATHRI K | I/CSE |
| 29 | 912621104009 | GEETHA M | I/CSE |
| 30 | 912621104010 | HARSHITHA P | I/CSE |
| 31 | 912621104011 | ISHWARYA S | I/CSE |
| 32 | 912621104012 | JANANI R | I/CSE |
| 33 | 912621104013 | KANDALAKSHMI A | I/CSE |
| 34 | 912621104015 | LAVANYA S | I/CSE |
| 35 | 912621104016 | MAHASREE P | I/CSE |
| 36 | 912621104018 | PRIYA M | I/CSE |
| 37 | 912621104019 | RABIKA R | I/CSE |
| 38 | 912621104021 | SAHEENA BEGAM A | I/CSE |
| 39 | 912621104022 | SASIPRIYA R | I/CSE |
| 40 | 912621104023 | SHAMIMA P | I/CSE |
| 41 | 912621104024 | SHEERA BANU A | I/CSE |
| 42 | 912621104025 | SIVAJOTHIKA S | I/CSE |
| 43 | 912621104026 | SIVAPRIYA R | I/CSE |
| 44 | 912621104027 | SUBHA DHARSHINI S | I/CSE |
| 45 | 912621104028 | SUBIKSHA S | I/CSE |
| 46 | 912621104029 | VINITHA K | I/CSE |
| 47 | 912621104030 | VISALATCHI S | I/CSE |
| 48 | 912621104031 | YOGESHWARI S | I/CSE |

Course Coordinator

Dr. S. THILAGAVATHI M.E., ...

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DEPARTMENT OF SCIENCE AND HUMANITIES

ACADEMIC YEAR 2021-2022 (EVEN SEM)

ATTENDANCE SHEET FOR CERTIFICATE COURSE- APTITUDE AND REASONING


| S.N O | REG.NO | NAME OF THE STUDENT | YEAR/ BRANCH | DATE: 28.03.22 | | DATE: 29.03.22 | | DATE: 30.03.22 | | DATE: 31.03.22 | | DATE: 01.04.22 | | NO OF SESSIONS ATTENDED | SIGNATURE OF THE STUDENT |
|----------|--------------|------------------------|-----------------|-------------------|----|-------------------|----|-------------------|----|-------------------|----|-------------------|----|-------------------------------|--------------------------------|
| | | | | FN | AN | FN | AN | FN | AN | FN | AN | FN | AN | | |
| 1 | 912621103001 | AKILA G | I/CIVIL | / | / | / | / | / | / | / | / | / | / | 10 | G. Akila |
| 2 | 912621103002 | GAYATHRI G | I/CIVIL | / | / | / | / | / | / | / | / | / | / | 10 | Gt. Gayathri |
| 3 | 912621103003 | JAYABHARATHI R | I/CIVIL | / | / | / | / | / | / | a | a | / | / | 08 | Jayabharathi R |
| 4 | 912621103004 | JAYA MANOHARI B | I/CIVIL | / | / | / | / | / | / | / | / | / | / | 10 | Jaya Manohari B |
| 5 | 912621103005 | PRIYADHARSHINI A | I/CIVIL | / | / | / | / | / | / | / | / | / | / | 10 | Priyadharshini A |
| 6 | 912621103006 | RABIA BANU M | I/CIVIL | / | / | / | / | / | / | / | / | / | / | 10 | Rabia Banu M |
| 7 | 912621103007 | SHERLIN KAVYA B | I/CIVIL | / | / | / | / | / | / | / | / | / | / | 10 | B. Sh. Sherlin |
| 8 | 912621106001 | AMRIN M | I/ECE | / | / | / | / | / | / | / | / | / | / | 10 | Amrin M |
| 9 | 912621106002 | BHUVANESWARI C | I/ECE | / | / | / | / | / | / | / | / | / | / | 10 | C. Bhuvani |
| 10 | 912621106003 | DHANYASHREE A | I/ECE | / | / | / | / | / | / | / | / | / | / | 10 | A. Dhanyashree |
| 11 | 912621106004 | KALAIVANI R | I/ECE | a | a | / | / | / | / | / | / | / | / | 08 | K. Kalavani |
| 12 | 912621106005 | KAVIYA K | I/ECE | / | / | / | / | / | / | / | / | / | / | 10 | K. Kaviya |
| 13 | 912621106006 | KEERTHANA V | I/ECE | / | / | / | / | / | / | / | / | / | / | 10 | K. Keerthana |
| 14 | 912621106007 | PAVITHRA S | I/ECE | / | / | / | / | / | / | / | / | / | / | 10 | P. Pavithra |

| | | | | | | | | | | | | | | | | |
|----|--------------|------------------|-------|---|---|---|---|---|---|---|---|---|---|---|----|------------------|
| 15 | 912621106008 | RAJESHWARI R | I/ECE | / | / | / | / | / | / | / | / | / | / | / | 10 | R. Rajesh |
| 16 | 912621106009 | SUBALAKSHMI M | I/ECE | / | / | / | / | / | / | / | / | / | / | / | 10 | M. Subal |
| 17 | 912621106010 | SUGUNA C | I/ECE | / | / | / | / | / | / | / | / | / | / | / | 10 | C. Suguna |
| 18 | 912621105001 | GOKULAPRAVEENA A | I/EEE | / | / | / | / | / | / | / | / | / | / | / | 10 | A. Gokul |
| 19 | 912621105002 | RAFEEQA N | I/EEE | / | / | / | / | / | / | / | / | / | / | / | 10 | N. Rafeeqa |
| 20 | 912621105004 | SUMITHRA S | I/EEE | / | / | / | / | / | / | / | / | / | / | / | 10 | S. Sumi |
| 21 | 912621104001 | ABINAYA K | I/CSE | / | / | / | / | / | / | / | / | / | / | / | 10 | K. Abinaya |
| 22 | 912621104002 | AMEERA N | I/CSE | / | / | / | / | / | / | / | / | / | / | / | 10 | A. Ameera |
| 23 | 912621104003 | ANJUGAM C | I/CSE | / | / | / | / | / | / | / | / | / | / | / | 10 | C. Anjugam |
| 24 | 912621104004 | ARUNDATHI S | I/CSE | / | / | / | / | / | / | / | / | / | / | / | 10 | S. Arundathi |
| 25 | 912621104005 | ASHIKA B | I/CSE | / | / | / | / | / | / | / | / | / | / | / | 10 | B. Ashika |
| 26 | 912621104006 | DIVYA T | I/CSE | / | / | a | a | / | / | / | / | / | / | / | 08 | T. Divya |
| 27 | 912621104007 | ELACKIYA G | I/CSE | / | / | / | / | / | / | / | / | / | / | / | 10 | G. Elackiya |
| 28 | 912621104008 | GAYATHRI K | I/CSE | / | / | / | / | / | / | / | / | / | / | / | 10 | K. Gayathri |
| 29 | 912621104009 | GEETHA M | I/CSE | / | / | / | / | / | / | / | / | / | / | / | 10 | M. Geetha |
| 30 | 912621104010 | HARSHITHA P | I/CSE | / | / | / | / | / | / | / | / | / | / | / | 10 | P. Harshitha |
| 31 | 912621104011 | ISHWARYA S | I/CSE | / | / | / | / | / | / | / | / | / | / | / | 10 | S. Ishwarya |
| 32 | 912621104012 | JANANI R | I/CSE | / | / | / | / | / | / | / | / | / | / | / | 10 | R. Janani |
| 33 | 912621104013 | KANDALAKSHMI A | I/CSE | / | / | / | / | / | / | / | / | / | / | / | 10 | A. Kandalakshmi |
| 34 | 912621104015 | LAVANYA S | I/CSE | / | / | / | / | / | / | / | / | / | / | / | 10 | S. Lavanya |
| 35 | 912621104016 | MAHASREE P | I/CSE | / | / | / | / | / | / | / | / | / | / | / | 10 | P. Mahasree |
| 36 | 912621104018 | PRIYA M | I/CSE | / | / | / | / | / | / | / | / | / | / | / | 10 | M. Priya |
| 37 | 912621104019 | RABIKA R | I/CSE | / | / | / | / | / | / | / | / | / | / | / | 10 | R. Rabika |
| 38 | 912621104021 | SAHEENA BEGAM A | I/CSE | / | / | / | / | / | / | / | / | / | / | / | 10 | A. Saheena Begam |
| 39 | 912621104022 | SASIPRIYA R | I/CSE | / | / | / | / | / | / | / | / | / | / | / | 10 | R. Sasipriya |

| | | | | | | | | | | | | | | | | |
|----|--------------|-------------------|-------|---|---|---|---|---|---|---|---|---|---|---|----|----------------|
| 40 | 912621104023 | SHAMIMA P | I/CSE | / | / | / | / | / | / | / | / | / | / | / | 10 | P. Shaniraj |
| 41 | 912621104024 | SHEERA BANU A | I/CSE | / | / | / | / | / | / | / | / | / | / | / | 10 | A. Sheerbanu |
| 42 | 912621104025 | SIVAJOTHIKA S | I/CSE | / | / | / | / | / | / | / | / | / | / | / | 10 | S. Sivajothika |
| 43 | 912621104026 | SIVAPRIYA R | I/CSE | / | / | / | / | / | / | / | / | / | / | / | 10 | R. Sripriya |
| 44 | 912621104027 | SUBHA DHARSHINI S | I/CSE | / | / | / | / | / | / | / | / | / | / | / | 10 | S. Subha |
| 45 | 912621104028 | SUBIKSHA S | I/CSE | / | / | / | / | / | / | / | / | / | / | / | 10 | S. Subiksha |
| 46 | 912621104029 | VINITHA K | I/CSE | / | / | / | / | / | / | / | / | / | / | / | 10 | K. Vinitha |
| 47 | 912621104030 | VISALATCHI S | I/CSE | / | / | / | / | / | / | / | / | / | / | / | 10 | S. Visalatchi |
| 48 | 912621104031 | YOGESHWARI S | I/CSE | / | / | / | / | / | / | / | / | / | / | / | 10 | S. Yogeswari |


Course Coordinator


Dr. S. THILAGAVATHI M.E., Ph.D.,
PRINCIPAL
SRI BHARATHI ENGINEERING
COLLEGE FOR WOMEN
Kaikkurchi - 622 303, Pudukkottai Dt. -


HoD/S&H
HOD / S&H
SRI BHARATHI ENGINEERING
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KAIKKURCHI
PUDUKKOTTAI - 622 303.



SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25)

Kaikkurichi, Pudukkottai, Tamil Nadu – 622 303, India

Report on Certificate Course

Title: APTITUDE AND REASONING

Resource Person: **1.Mrs.N.Vithya,**
2.Ms.R.Divya,
Assistant Professor/Mathematics,
Sri Bharathi Engineering College for Women,
Pudukkottai-622303,Tamilnadu.

Date of conduct from : **28.03.2022** To: **01.04.2022** Duration: **30 Hours**

Organized Department : **SCIENCE AND HUMANITIES**

Participant Year: **I(CIVIL, CSE,EEE ,ECE)** Semester: **EVEN** No. of Students Registered : **48**

Venue: **Seminar Hall**

Outcome of Certificate Course (CC)

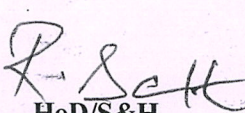
At the end of the Certificate course the student can able to

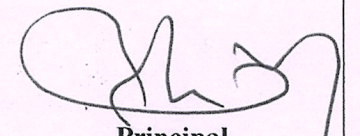
- Understand the basic concepts of quantitative ability
- Understand the basic concepts of logical reasoning Skills
- Acquire satisfactory competency in use of reasoning
- Solve campus placements aptitude papers covering Quantitative Ability, Logical Reasoning Ability

Assessment Process

- Students securing **more than 60% on total score** and secured more than 75% in attendance is eligible to receive the certificate for the Certificate course conducted
- Total Score = (0.5 * Attendance in out of 100 percentage + 0.5 *Test mark in CC out of 100 marks)


Course Coordinator


HoD/S&H
HOD / S&H


Principal
PRINCIPAL


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Kaikkurichi - 622 303, Pudukkottai Dt.

SRI BHARATHI ENGINEERING
COLLEGE FOR WOMEN
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SRI BHARATHI ENGINEERING
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PUDUKKOTTAI DISTRICT



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Kaikkurichi, Pudukkottai, Tamil Nadu – 622 303, India

DEPARTMENT OF SCIENCE AND HUMANITIES

CERTIFICATE OF PARTICIPATION

This is to certify that AKILA G (Reg.No 912621103001) I Year CIVIL has successfully completed the Certificate course on **Aptitude and Reasoning** from 28th March 2022 to 1st April 2022 (5 days) for the academic year 2021-2022.

COURSE COORDINATOR

HOD/S&H

PRINCIPAL

Dr. S.THILAGAVATHI M.E., Ph.D.,
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Kaikkurichi, Pudukkottai, Tamil Nadu – 622 303, India

DEPARTMENT OF SCIENCE AND HUMANITIES

CERTIFICATE OF PARTICIPATION

This is to certify that AMRIN M (Reg.No 912621106001) I Year ECE has successfully completed the Certificate course on **Aptitude and Reasoning** from 28th March 2022 to 1st April 2022 (5 days) for the academic year 2021-2022.

COURSE COORDINATOR

HOD/S&H

PRINCIPAL

Dr. S.THILAGAVATHI M.E., Ph.D.,

PRINCIPAL

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Kaikkurichi, Pudukkottai, Tamil Nadu – 622 303, India

DEPARTMENT OF SCIENCE AND HUMANITIES

CERTIFICATE OF PARTICIPATION

This is to certify that SUMITHRA S (Reg.No 912621105004) I Year EEE has successfully completed the Certificate course on **Aptitude and Reasoning** from 28th March 2022 to 1st April 2022 (5 days) for the academic year 2021-2022.

COURSE COORDINATOR

HOD/S&H

PRINCIPAL

Dr. **S. THILAGAVATHI** M.E., Ph.D.
PRINCIPAL
SRI BHARATHI ENGINEERING
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Kaikkurichi - 622 303, Pudukkottai Dt.



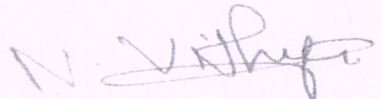
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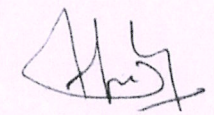

DEPARTMENT OF SCIENCE AND HUMANITIES

CERTIFICATE OF PARTICIPATION

This is to certify that SHAMIMA P (Reg.No 912621104023) I Year CSE has successfully completed the Certificate course on **Aptitude and Reasoning** from 28th March 2022 to 1st April 2022 (5 days) for the academic year 2021-2022.


COURSE COORDINATOR


HOD/S&H


PRINCIPAL

Dr. S.THILAGAVATHI M.E., Ph.D.,
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DEPARTMENT OF SCIENCE AND HUMANITIES

ACADEMIC YEAR 2021-2022 / EVEN SEMESTER

Certificate Course on “Aptitude and Reasoning”

MCQ QUESTIONS (25X1=25 Marks)

- 75% of 300 is same as
 - 300% of 100
 - 2/3 of 400
 - 150% of 150
 - 120% of 350
- The ratio of decade and a century is
 - 1:10
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 - 1:5
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- The value of $\pi/3$ radians in degrees is
 - 30 degrees
 - 120 degrees
 - 90 degrees
 - 60 degrees
- Diagram used to represent sets
 - bar chart
 - venn diagram
 - pert chart
 - pie chart
- A man is five times as old as his son, and the sum of the squares of their ages is equal to 2106, find their ages
 - son's age = 5 years, father's age = 25 years
 - son's age = 7 years, father's age = 35 years
 - son's age = 9 years, father's age = 45 years
 - son's age = 10 years, father's age = 50 years
- Two numbers are in the ratio of 5:8. If 9 be added to each, are in the ratio of 8:11. The numbers are
 - 15, 24
 - 5, 8
 - 8, 11
 - 20, 32
- What would be the total accumulated amount in 5 years if the sum of Rs. 10,000 is deposited in the bank at an interest rate of 6% per annum compounded monthly
 - rs. 13,488.50
 - rs. 13,288.50
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- A's mother is sister of B and daughter of C. D is the daughter of B and sister of E. How is C related to E?
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- a) north
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c) east
d) south
10. ELFA, GLHA, ILJA, _____, MLNA
- a) olpa
b) klma
c) llma
d) klla
11. Which number should come next in the series? 25, 24, 22, 19, 15, ?
- a) 4
b) 5
c) 10
d) 14
12. A bell is related to 'sound', lamp is related to _____ ?
- a) flame
b) light
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13. Six people P, Q, R, S, T, U are sitting in a circular path, who are facing the centre. R is 3rd from P in the right. Q is 3rd from T in the left. U is between P and T, S is 3rd from U in the left. The order of the six people from the left is
- a) sqrutp
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- a) bfd
b) nrp
c) hlg
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15. If the sum and difference of two numbers are 20 and 4, then the product is
- a) 84
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c) 54
d) 96
16. The L.C.M. of $\frac{2}{3}$, $\frac{3}{4}$, $\frac{5}{6}$ is
- a) 30
b) 24
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17. Look at this series: 3, 4, 7, 8, 11, 12, ____ . What number should come next?
- a) 7
b) 10
c) 14
d) 15
18. The cost price of 20 articles is the same as the selling price of 'x' articles. If the profit is 25% then the value of 'x' is
- a) 15
b) 16
c) 18
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19. Mohan buys a cycle for Rs. 1400 and sells it to Sohan at a loss of 15%. Sohan again sells it to Ravi at a profit of 15%. What is the selling price of Ravi?
- a) 1368.5
b) 1400
c) 1418.5
d) 1450


J. THILAGAVATHI M.E., Ph.D.,
 PRINCIPAL
 SRI BHARATHI ENGINEERING
 COLLEGE FOR WOMEN
 Kaikkurchi - 622 303, Pudukkottai Dt.

20. The product of two positive numbers is 120 and the sum of their square is 289. The difference between them is
- a) 7
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d) none of the above
21. Statement: The school will remain closed tomorrow due to heavy rainfall.
Assumption:
- a) The school building is not safe during heavy rainfall.
b) Parents will not send their children to school during heavy rainfall.
c) The heavy rainfall will continue tomorrow.
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24. What is the conclusion in the following syllogism?
Premise 1: All dogs are mammals.
Premise 2: Some mammals are carnivores.
Conclusion: _____
- a) Some dogs are carnivores.
b) All dogs are carnivores.
c) Some carnivores are dogs.
d) All carnivores are dogs.
25. In a hypothetical syllogism, the first premise is a conditional statement. What form does it take?
- a) If A is true, then B is true.
b) If B is true, then A is true.
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Dr. S. THILAGAVATHI M.E., Ph.D.,
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KAIKKURICHI, PUDUKKOTTAI -622 303.

DEPARTMENT OF SCIENCE AND HUMANITIES

ACADEMIC YEAR 2021-2022 / EVEN SEMESTER

Certificate Course on "Aptitude and Reasoning"

MCQ ANSWER KEY

| | | | | | | | | | |
|---|---|----|---|----|---|----|---|----|---|
| 1 | b | 6 | a | 11 | c | 16 | a | 21 | b |
| 2 | a | 7 | a | 12 | b | 17 | d | 22 | b |
| 3 | d | 8 | c | 13 | c | 18 | d | 23 | c |
| 4 | c | 9 | a | 14 | c | 19 | a | 24 | a |
| 5 | a | 10 | d | 15 | d | 20 | c | 25 | a |

Dr. S. THILAGAVATHI M.E., Ph.D.,
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Course Coordinator



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Kaikkurichi, Pudukkottai, Tamil Nadu – 622 303, India

DEPARTMENT OF SCIENCE AND HUMANITIES

ACADEMIC YEAR 2021-2022 / EVEN SEMESTER

Name of the Student : *Cr. Gayathri*

Year/Sem : *I/II*

AU Register Number : *912621103002*

Department : *civil*

21
25
AD7

Certificate Course on “Aptitude and Reasoning”

MCQ QUESTIONS (25X1=25 Marks)

- 75% of 300 is same as
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d) 120% of 350
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[Signature]
Dr. S. THILAGAVATHI M.E., Ph.D.,
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Kaikkurichi - 622 303, Pudukkottai Dt.

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- a) olpa
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15. If the sum and difference of two numbers are 20 and 4, then the product is

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- c) 54

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21. Statement: The school will remain closed tomorrow due to heavy rainfall.

Assumption:

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DEPARTMENT OF SCIENCE AND HUMANITIES

ACADEMIC YEAR 2021-2022 / EVEN SEMESTER

Name of the Student : R. Rajeswari

Year/Sem : I / II

AU Register Number : 91261106008

Department : ECE

193
25
RJR

Certificate Course on "Aptitude and Reasoning"

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Dr. S. THILAGAVATHI M.E., Ph.D.,
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SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25)

Kaikkurichi, Pudukkottai, Tamil Nadu – 622 303, India

DEPARTMENT OF SCIENCE AND HUMANITIES

ACADEMIC YEAR 2021-2022 / EVEN SEMESTER

Name of the Student : N. RAFEESA Year/Sem : I/II

AU Register Number : 912621105002 Department : EEE

23
25
AD-7

Certificate Course on "Aptitude and Reasoning"

MCQ QUESTIONS (25X1=25 Marks)

- 75% of 300 is same as
a) 300% of 100
b) 150% of 150
c) 2/3 of 400
d) 120% of 350
- The ratio of decade and a century is
a) 1:10
b) 1:5
c) 1:20
d) 1:2
- The value of $\pi/3$ radians in degrees is
a) 30 degrees
b) 90 degrees
c) 120 degrees
d) 60 degrees
- Diagram used to represent sets
a) bar chart
b) pert chart
c) venn diagram
d) pie chart
- A man is five times as old as his son, and the sum of the squares of their ages is equal to 2106, find their ages
a) son's age = 5 years, father's age = 25 years
b) son's age = 7 years, father's age = 35 years
c) son's age = 9 years, father's age = 45 years
d) son's age = 10 years, father's age = 50 years
- Two numbers are in the ratio of 5:8. If 9 be added to each, are in the ratio of 8:11. The numbers are
a) 15, 24
b) 8, 11
c) 5, 8
d) 20, 32
- What would be the total accumulated amount in 5 years if the sum of Rs. 10,000 is deposited in the bank at an interest rate of 6% per annum compounded monthly
a) rs. 13,488.50
b) rs. 13,345.50
c) rs. 13,288.50
d) rs. 13,500.50
- A's mother is sister of B and daughter of C. D is the daughter of B and sister of E. How is C related to E?
a) father
b) uncle
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9. Rahim started walking straight facing east. After walking a distance of 20 meters, he took a right turn, and again, after walking 10 meters, he took left turn, and after walking 10 meters, he took a left turn. What he is facing now?

- a) north
b) west
c) east
d) south

10. ELFA, GLHA, ILJA, _____, MLNA

- a) olpa
b) klma
c) llma
d) klla

11. Which number should come next in the series? 25, 24, 22, 19, 15, ?

- a) 4
b) 5
c) 10
d) 14

12. A bell is related to 'sound', lamp is related to _____ ?

- a) flame
b) light
c) wick
d) oil

13. Six people P, Q, R, S, T, U are sitting in a circular path, who are facing the centre. R is 3rd from P in the right. Q is 3rd from T in the left. U is between P and T, S is 3rd from U in the left. The order of the six people from the left is

- a) sqrutp
b) tsrqup
c) srtupq
d) sqputr

14. Find the odd one out

- a) bfd
b) nrp
c) hlg
d) qus

15. If the sum and difference of two numbers are 20 and 4, then the product is

- a) 84
b) 108
c) 54
d) 96

16. The L.C.M. of $\frac{2}{3}$, $\frac{3}{4}$, $\frac{5}{6}$ is

- a) 30
b) 24
c) 60
d) 72

17. Look at this series: 3, 4, 7, 8, 11, 12, ____ . What number should come next?

- a) 7
b) 10
c) 14
d) 15

18. The cost price of 20 articles is the same as the selling price of 'x' articles. If the profit is 25% then the value of 'x' is

- a) 15
b) 16
c) 18
d) 25

19. Mohan buys a cycle for Rs. 1400 and sells it to Sohan at a loss of 15%. Sohan again sells it to Ravi at a profit of 15%. What is the selling price of Ravi?

- a) 1368.5
b) 1400
c) 1418.5
d) 1450

20. The product of two positive numbers is 120 and the sum of their square is 289. The difference between them is

- a) 7
b) 2
c) 14
d) none of the above

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21. Statement: The school will remain closed tomorrow due to heavy rainfall.

Assumption:

- a) The school building is not safe during heavy rainfall.
 - b) Parents will not send their children to school during heavy rainfall.
 - c) The heavy rainfall will continue tomorrow.
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22. The present ages of three persons are in proportions 4:7:9. Eight years ago, the sum of their ages was 56. Their present ages are

- a) 8, 20, 28
- b) 16, 28, 36
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23. A line graph displays the annual revenue of a company for the past five years. The graph shows an upward trend followed by a sudden sharp decline in the last year. What could be a possible reason for the decline?

- a) Increase in marketing efforts
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24. What is the conclusion in the following syllogism?


Premise 1: All dogs are mammals.

Premise 2: Some mammals are carnivores.

Conclusion: _____

- a) Some dogs are carnivores.
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25. In a hypothetical syllogism, the first premise is a conditional statement. What form does it take?

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DEPARTMENT OF SCIENCE AND HUMANITIES

ACADEMIC YEAR 2021-2022 / EVEN SEMESTER

Name of the Student : *R. Sasipriya* Year/Sem : *I / V*

AU Register Number : *912621104022* Department : *CSE*

Certificate Course on "Aptitude and Reasoning"

MCQ QUESTIONS (25X1=25 Marks)

19
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[Signature]
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DEPARTMENT OF SCIENCE AND HUMANITIES

ACADEMIC YEAR 2021-2022 (EVEN SEM)

MARK SHEET FOR CERTIFICATE COURSE- APTITUDE AND REASONING

| S.NO | REG.NO | NAME OF THE STUDENT | YEAR/ BRANCH | ATTENDANCE DETAILS | | CC-MCQ TEST | | OVERALL MARK(100) (50% of A + 50% of B) |
|------|--------------|---------------------|-----------------|-------------------------------|--------------------------------|-----------------------------|-------------------------|--|
| | | | | No of Sessions Attended | Attendance Mark(100) (A) | No of Correct Answers | MCQ Mark(100) (B) | |
| 1 | 912621103001 | AKILA G | I/CIVIL | 10 | 100 | 19 | 76 | 88 |
| 2 | 912621103002 | GAYATHRI G | I/CIVIL | 10 | 100 | 21 | 84 | 92 |
| 3 | 912621103003 | JAYABHARATHI R | I/CIVIL | 8 | 80 | 19 | 76 | 78 |
| 4 | 912621103004 | JAYA MANOHARI B | I/CIVIL | 10 | 100 | 18 | 72 | 86 |
| 5 | 912621103005 | PRIYADHARSHINI A | I/CIVIL | 10 | 100 | 13 | 52 | 76 |
| 6 | 912621103006 | RABIA BANU M | I/CIVIL | 10 | 100 | 18 | 72 | 86 |
| 7 | 912621103007 | SHERLIN KAVYA B | I/CIVIL | 10 | 100 | 17 | 68 | 84 |
| 8 | 912621106001 | AMRIN M | I/ECE | 10 | 100 | 20 | 80 | 90 |

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| | | | | | | | | |
|----|--------------|---|-------|----|-----|----|----|----|
| 9 | 912621106002 | BHUVANESWARI C | I/ECE | 10 | 100 | 19 | 76 | 88 |
| 10 | 912621106003 | DHANYASHREE A | I/ECE | 10 | 100 | 18 | 72 | 86 |
| 11 | 912621106004 | KALAIVANI R | I/ECE | 8 | 80 | 16 | 64 | 72 |
| 12 | 912621106005 | KAVIYA K | I/ECE | 10 | 100 | 18 | 72 | 86 |
| 13 | 912621106006 | KEERTHANA V | I/ECE | 10 | 100 | 18 | 72 | 86 |
| 14 | 912621106007 | PAVITHRA P | I/ECE | 10 | 100 | 17 | 68 | 84 |
| 15 | 912621106008 | RAJESHWARI R | I/ECE | 10 | 100 | 19 | 76 | 88 |
| 16 | 912621106009 | SUBALAKSHMI M | I/ECE | 10 | 100 | 21 | 84 | 92 |
| 17 | 912621106010 | SUGUNA C | I/ECE | 10 | 100 | 16 | 64 | 82 |
| 18 | 912621105001 | GOKULAPRAVEENA A | I/EEE | 10 | 100 | 18 | 72 | 86 |
| 19 | 912621105002 | RAFEEQA N | I/EEE | 10 | 100 | 23 | 92 | 96 |
| 20 | 912621105004 | SUMITHRA S | I/EEE | 10 | 100 | 18 | 72 | 86 |
| 21 | 912621104001 | ABINAYA K | I/CSE | 10 | 100 | 20 | 80 | 90 |
| 22 | 912621104002 | AMEERA N | I/CSE | 10 | 100 | 19 | 76 | 88 |
| 23 | 912621104003 | ANJUGAM C Dr. S.THILAGAVATHI M.E., Ph.D., PRINCIPAL | I/CSE | 10 | 100 | 17 | 68 | 84 |

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| | | | | | | | | |
|----|--------------|-----------------|-------|----|-----|----|----|----|
| 24 | 912621104004 | ARUNDATHI S | I/CSE | 10 | 100 | 16 | 64 | 82 |
| 25 | 912621104005 | ASHIKA B | I/CSE | 10 | 100 | 19 | 76 | 88 |
| 26 | 912621104006 | DIVYA T | I/CSE | 8 | 80 | 19 | 76 | 78 |
| 27 | 912621104007 | ELACKIYA G | I/CSE | 10 | 100 | 19 | 76 | 88 |
| 28 | 912621104008 | GAYATHRI K | I/CSE | 10 | 100 | 12 | 48 | 74 |
| 29 | 912621104009 | GEETHA M | I/CSE | 10 | 100 | 11 | 44 | 72 |
| 30 | 912621104010 | HARSHITHA P | I/CSE | 10 | 100 | 18 | 72 | 86 |
| 31 | 912621104011 | ISHWARYA S | I/CSE | 10 | 100 | 17 | 68 | 84 |
| 32 | 912621104012 | JANANI R | I/CSE | 10 | 100 | 21 | 84 | 92 |
| 33 | 912621104013 | KANDALAKSHMI A | I/CSE | 10 | 100 | 20 | 80 | 90 |
| 34 | 912621104015 | LAVANYA S | I/CSE | 10 | 100 | 22 | 88 | 94 |
| 35 | 912621104016 | MAHASREE P | I/CSE | 10 | 100 | 21 | 84 | 92 |
| 36 | 912621104018 | PRIYA M | I/CSE | 10 | 100 | 19 | 76 | 88 |
| 37 | 912621104019 | RABIKA R | I/CSE | 10 | 100 | 22 | 88 | 94 |
| 38 | 912621104021 | SAHEENA BEGAM A | I/CSE | 10 | 100 | 20 | 80 | 90 |

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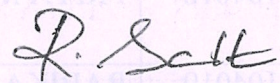
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| | | | | | | | | |
|----|--------------|-------------------|-------|----|-----|----|----|----|
| 39 | 912621104022 | SASIPRIYA R | I/CSE | 10 | 100 | 19 | 76 | 88 |
| 40 | 912621104023 | SHAMIMA P | I/CSE | 10 | 100 | 18 | 72 | 86 |
| 41 | 912621104024 | SHEERA BANU A | I/CSE | 10 | 100 | 16 | 64 | 82 |
| 42 | 912621104025 | SIVAJOTHIKA S | I/CSE | 10 | 100 | 17 | 68 | 84 |
| 43 | 912621104026 | SIVAPRIYA R | I/CSE | 10 | 100 | 12 | 48 | 74 |
| 44 | 912621104027 | SUBHA DHARSHINI S | I/CSE | 10 | 100 | 14 | 56 | 78 |
| 45 | 912621104028 | SUBIKSHA S | I/CSE | 10 | 100 | 11 | 44 | 72 |
| 46 | 912621104029 | VINITHA K | I/CSE | 10 | 100 | 20 | 80 | 90 |
| 47 | 912621104030 | VISALATCHI S | I/CSE | 10 | 100 | 21 | 84 | 92 |
| 48 | 912621104031 | YOGESHWARI S | I/CSE | 10 | 100 | 19 | 76 | 88 |


Course Coordinator


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