

IG Valley, Madurai Main Road, Manikandam, Tiruchirappalli - 620012

# NAAC DOCUMENTS

**QUALITY INDICATOR FRAME WORK** 

# **CRITERION – 1**

# **CURRICULAR ASPECTS**

SUBMITTED BY

IQAC INTERNAL QUALITY ASSURANCE CELL INDRA GANESAN COLLEGE OF ENGINEERING



### **DEPARTMENT OF SCIENCE AND HUMANITIES**

### ACADEMIC YEAR 2018-2019 / ODD SEMESTER

### **1.2 Academic Flexibility (30)**

**1.2.1** Number of Certificate/Value added courses offered and online courses of MOOCs, SWAYAM, NPTEL etc. (where the students of the institution have enrolled and successfully completed during the last five years)

### AND

**1.2.2** Percentage of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years

| VAC Title:   | СОМ                      | PUTE  | ER FUNDAN  | MENT  | ALS   |          |           |                           |  |  |  |  |  |
|--|--------------------------|-------|------------|-------|-------|----------|-----------|---------------------------|--|--|--|--|--|
| Resource Person:Mr. M. SenthilkumarMr. S. And<br>Team Least<br>Mecello, Tech, Chennai.Mr. S. And<br>Mecello, Tech, Chennai.Mr. S. And<br>Team Least<br>Mecello, Tech, Chennai. |                          |       |            |       |       |          |           | ai                        |  |  |  |  |  |
| Date of cond   | uct fro                  | m:    | 10.12.2018 |       | To:   | 14.12.20 | )18       | <b>Duration:</b> 30 Hours |  |  |  |  |  |
| Organized D  | epartm                   | nent: | SCIENCE A  | AND H | UMAN  | ITIES    |           |                           |  |  |  |  |  |
| Participant Y  | Participant Year: I Year |       |            | Seme  | ster: | ODD      | No. of St | . of Students Registered: |  |  |  |  |  |
| Venue: A   | Venue: AUDITORIUM        |       |            |       |       |          |           |                           |  |  |  |  |  |

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## Department of Science and Humanities Academic Year 2018-2019 –Odd Semester

05.12.2018

### **DEPARTMENT CIRCULAR**

Department of Science and Humanities in association with Mecello Tech is going to organize Value Added Course for all first year students on "Computer Fundamentals" from 10.12.2018 to 14.12.2018. Certificates will be issued to the eligible participants at the end of the Course. This training is to be provided in our campus.

|                        | 1. Mr.M.Senthilkumar<br>Managing Director,<br>MecelloTech, Chennai |
|------------------------|--|
| Resource Person Detail | 2. Mr.S.Aravindh<br>Team Leader,<br>Mecello, Tech, Chennai         |
| Venue                  | Auditorium, IGCE   |

HOD/S&H

PRINCIPAL

Cc:

1 84

121

- Principal office
- HoD/ S&H
- Class In charges I-Year
- I-Year S&H Students
- Office File
- NoticeBoard

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COLLEGE OF ENGINEERING Madural Main Road (NH-45B), Manikandam, Trichy-12. Approved by AICTE, NewDelhi & Affiliated to Anna University, Chennal

### Value Added Course

"Computer Fundamentals"

### **SYLLABUS**

| S.NO | TOPIC COVERED   | DURATION<br>(in hours) | DATE       |
|------|---|------------------------|------------|
| 1    | Knowing computer  | 3                      | 10.12.2018 |
| 2    | Operating Computer using GUI Based<br>Operating System.                           | 3                      | 10.12.2018 |
| 3    | Understanding Word Processing   | 3                      | 11.12.2018 |
| 4    | Using Spread Sheet  | 3                      | 11.12.2018 |
| 5    | Introduction to Internet, WWW and web browsers                                    | 3                      | 12.12.2018 |
| 6    | Communications and Collaboration  | 3                      | 12.12.2018 |
| 7    | Making small presentation   | 3                      | 13.12.2018 |
| 8    | Understanding URL; Domain name; IP Address  | 3                      | 13.12.2018 |
| 9    | Basics of electronic mail; Getting an email account; Sending and receiving emails | 3                      | 14.12.2018 |
| 10   | Basics of presentation software; Creating Presentation.                           | 3                      | 14.12.2018 |
| 11   | Exam  | 1                      | 14.12.2018 |
|      | Total Hours (Excluding Exam)  | 30                     | -          |

T. Kalaivani

VAC Coordinator

HoD/S&H

Dr. G. Balakrishnan, M.E., Ph.D., Principad Inder Ganesa Collegnood Engineerings JG Valley, Madurai Main Roado Manikandam, Trichy-620 0122



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# Indra Ganesan

GOLLEGE OF ENGINEERING Madural Main Road (NH-458), Manikandam, Trichy-12. Approved by AICTE, NewDelhi & Affiliated to Anna University, Chennai

## Value Added Course

### STUDENTS PARTICIPATION LIST

### "Computer Fundamentals"

| S.NO | Register Number | Name                   | Year/ Branch |
|------|-----------------|------------------------|--------------|
| 1    | 811218106001    | ABINAYA R              | I/ECE        |
| 2    | 811218106002    | AKILA K                | I/ECE        |
| 3    | 811218106003    | ANNIE SHALOM.S         | I/ECE        |
| 4    | 811218106004    | ARTHI M                | I/ECE        |
| 5    | 811218106005    | AZHAGU MEENA M         | I/ECE        |
| 6    | 811218106006    | DEVI K                 | I/ECE        |
| 7    | 811218106007    | DHANALAKSHMI S         | I/ECE        |
| 8    | 811218106008    | HARI KRISHNAN S        | I/ECE        |
| 9    | 811218106009    | JANANI V               | I/ECE        |
| 10   | 811218106010    | JENIFER C              | I/ECE        |
| 11   | 811218106011    | JENIFER S              | I/ECE        |
| 12   | 811218106012    | KESAVAMURTHI M         | I/ECE        |
| 13   | 811218106013    | KIRUTHIKA S            | I/ECE        |
| 14   | 811218106014    | MANIKANDA PRAKASH G    | I/ECE        |
| 15   | 811218106015    | MARIA FRANCIS D        | I/ECE        |
| 16   | 811218106016    | RAGAVI A               | I/ECE        |
| 17   | 811218106017    | <b>RUTHRAMOORTHY M</b> | I/ECE        |
| 18   | 811218106018    | SABARINATHAN K         | I/ECE        |
| 19   | 811218106019    | SARMILA M              | I/ECE        |
| 20   | 811218106020    | SUMATHI                | I/ECE        |
| 21   | 811218106021    | THIVYA PRIYA R         | I/ECE        |
| 22   | 811218105001    | ARUN PRAVEEN RAJ A     | I/EEE        |
| 23   | 811218105002    | HARIHARAN M            | I/EEE        |
| 24   | 811218105003    | INBARAJ A              | I/EEE        |
| 25   | 811218105004    | JEYA STEPHEN S         | I/EEE        |
| 26   | 811218105005    | MANIKANDAN N           | I/EEE        |
| 27   | 811218105006    | PADMANABAN A           | I/EEE        |
| 28   | 811218105007    | SASIKUMAR R            | I/EEE        |
| 29   | 811218105008    | SIVAKUMAR P            | I/EEE        |
| 80   | 811218105009    | VEERA RAGAVAN A        | I/EEE        |
| 31   | 811218105010    | YUVARAJ S              | I/EEE        |
| 2    | 811218106001    | AKASH                  | I/CIVIL      |
| 3    | 811218106002    | MAHENDRAN,M            | I/CIVIL      |

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| 34 | 811218106003 | MUSRAF ALI.S         | I/CIVIL |
|----|--------------|----------------------|---------|
| 35 | 811218106004 | PANDIMEENA.R         | I/CIVIL |
| 36 | 811218106005 | PRABU.J.J            | I/CIVIL |
| 37 | 811218106006 | SORNAMUTHU.M         | I/CIVIL |
| 38 | 811218114001 | ABINASH P            | I/Mech  |
| 39 | 811218114002 | AJITH KUMAR M        | I/Mech  |
| 40 | 811218114003 | ARUN PANDIAN M R     | I/Mech  |
| 41 | 811218114004 | ALAGURAJA M          | I/Mech  |
| 42 | 811218114005 | BALASUBRAMANI K      | I/Mech  |
| 43 | 811218114006 | DINESHKUMAR K        | I/Mech  |
| 44 | 811218114007 | GANESAPANDY K        | I/Mech  |
| 45 | 811218114008 | JAMES RAJA A         | I/Mech  |
| 46 | 811218114009 | KARTHIKEYAN R        | I/Mech  |
| 47 | 811218114010 | MURUGAPPAN P         | I/Mech  |
| 48 | 811218114011 | PRASANTH R           | I/Mech  |
| 49 | 811218114012 | PRAVEEN A            | I/Mech  |
| 50 | 811218114013 | RABIN SINGH X        | I/Mech  |
| 51 | 811218114014 | RAMESH.M             | I/Mech  |
| 52 | 811218114015 | RENISH BHARATHI S    | I/Mech  |
| 53 | 811218114016 | SANTHOSH K           | I/Mech  |
| 54 | 811218114017 | SATHISH SELVA A      | I/Mech  |
| 55 | 811218114018 | TAMILSELVAN T        | I/Mech  |
| 56 | 811218114019 | VASANTH D            | I/Mech  |
| 57 | 811218114020 | VIKRAM S             | I/Mech  |
| 58 | 811218114021 | VISHNU B             | I/Mech  |
| 59 | 811218114022 | YOGAVISHUVABARATHI G | I/Mech  |
| 60 | 811218114023 | VIGNESHWARAN         | I/Mech  |
| 61 | 811218105001 | ANJALI DEVI V        | I/IT    |
| 62 | 811218105002 | ANTONY ARUL DOSS A   | I/IT    |
| 63 | 811218105003 | ARJUN V              | I/IT    |
| 64 | 811218105004 | DEEPA T              | I/IT    |
| 65 | 811218105005 | DHARSHINI K          | I/IT    |
| 66 | 811218105006 | GOPI U               | I/IT    |
| 67 | 811218105007 | IRUDHAYARAJ A        | 1/IT    |
| 68 | 811218105008 | JANANI S             | 1/IT    |
| 69 | 811218105009 | JANARTHANAN          | I/IT    |
| 70 | 811218105010 | KAMALESH A           | I/IT    |
| 71 | 811218105011 | KAVIYARASU C         | 1/IT    |
| 72 | 811218105012 | KAYALVIZHI.B         | I/IT    |
| 73 | 811218105013 | KEERTHANA K          | I/IT    |
| 74 | 811218105014 | MANOHARAN T          | I/IT    |
| 75 | 811218105015 | MEENA R              | I/IT    |

Indra Ganesan College of Engineering Dr. G. Batakrishnan, M.E., Ph.D., IG Valley, Madurai Main Road Manikandam, Trichy-620 012. Principal i.



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# Indra Ganesan

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|                    | 76  | 811218105016 | MILTON BILLGATES J       | ИТ    |                    |
|--------------------|-----|--------------|--------------------------|-------|--------------------|
|                    | 77  | 811218105017 | PAVITHRA.N               | 1/IT  |                    |
|                    | 78  | 811218105018 | PRIYANKA A               | 1/IT  | -                  |
|                    | 79  | 811218105019 | <b>ROBINSON ISAIAH E</b> | I/IT  |                    |
|                    | 80  | 811218105020 | SANJAY KUMAR R           | I/IT  | -                  |
|                    | 81  | 811218105021 | SELVI M                  | I/IT  |                    |
|                    | 82  | 811218105022 | SHALINI GAYATHRI S       | I/IT  | -                  |
|                    | 83  | 811218105023 | SIVARAMAN S              | I/IT  | 1                  |
|                    | 84  | 811218105023 | SNEKAA R                 | I/IT  | 2                  |
|                    | 85  | 811218105025 | SUGANYA                  | IXIT  | -                  |
|                    | 86  | 811218105026 | VENNILA M                | I/IT  | <b>*</b>           |
|                    | 87  | 811218105027 | VIJAYAKARAN M            | I/IT  |                    |
|                    | 88  | 811218105028 | WILSON JAYARAJ S         | I/IT  | 1                  |
|                    | 89  | 811218104001 | AISHWARYA M              | I/CSE |                    |
|                    | 90  | 811218104002 | AJITH KUMAR S            | I/CSE |                    |
|                    | 91  | 811218104003 | ARAVINDH SAMY P          | I/CSE |                    |
|                    | 92  | 811218104004 | ARJUN V                  | I/CSE |                    |
|                    | 93  | 811218104005 | DHARSHINI A              | I/CSE |                    |
|                    | 94  | 811218104006 | DINESH KUMAR K           | I/CSE |                    |
|                    | 95  | 811218104007 | GOWTHAM K                | I/CSE |                    |
|                    | 96  | 811218104008 | HARIHARAN N              | I/CSE |                    |
|                    | 97  | 811218104009 | HEMA LATHA B             | I/CSE |                    |
|                    | 98  | 811218104010 | JEGATHISWARI.D           | I/CSE |                    |
| A REAL PROPERTY OF | 99  | 811218104011 | JOSHI DAYANA K           | I/CSE | hnan, M.E., Ph.D., |
|                    | 100 | 811218104012 | KANAGARAJ K S            | I/CSE | <u>д</u>           |
|                    | 101 | 811218104013 | KIRUTHIGA V              | I/CSE | M.E                |
| Same               | 102 | 811218104014 | MADHAVAN S               | I/CSE | Ű,                 |
|                    | 103 | 811218104015 | MAHENDRAN S              | I/CSE | j ni               |
|                    | 104 | 811218104016 | MOORTHI C                | I/CSE | Balakrish          |
| L                  | 105 | 811218104017 | MUTHAIYA P               | I/CSE | ak                 |
| L                  | 106 | 811218104018 | NEETHIMOZHI A            | I/CSE | Bal                |
|                    | 107 | 811218104019 | NITHYA P                 | I/CSE | ى 🗸                |
|                    | 108 | 811218104020 | NIVEDHA S                | I/CSE | Dr                 |
|                    | 109 | 811218104021 | PRIYANGA.G               | I/CSE |                    |
| L                  | 110 | 811218104022 | RAMYA R                  | I/CSE |                    |
|                    | 111 | 811218104023 | SHARVESH CHARAN.S.A      | I/CSE |                    |
| r                  | 112 | 811218104024 | SATHASIVAM P             | I/CSE |                    |
|                    | 113 | 811218104025 | SELVI MARGRATE A         | I/CSE |                    |
| Γ                  | 114 | 811218104026 | SHALINI P                | I/CSE |                    |
|                    | 116 | 811218104028 | SHEELA.S                 | I/CSE |                    |
|                    | 117 | 811218104029 | SUDHAKARAN C             | I/CSE |                    |
| -                  |     |              |                          |       |                    |

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| 118 | 811218104030 | SUGASINI.G       | I/CSE |
|-----|--------------|------------------|-------|
| 119 | 811218104031 | VAISHNAVI G      | I/CSE |
| 120 | 811218104032 | VIGNA SRI S      | I/CSE |
| 121 | 811218104033 | VIJAYA DHARANI K | I/CSE |
| 122 | 811218104034 | VINOTHINI S      | I/CSE |
| 123 | 811218104035 | SIVASANGARI C    | I/CSE |

T-Kalanani

**VAC Coordinator** 

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| Title:   | 66  | Report on Valu  | e Added Cours                                     | e            |          |
|--|---|---|---|--------------|----------|
| LILIE:   | "Com  | puter Fundamentals"   |   |              |          |
| Resource   | Person:                                       | Mr. M. SenthilkumarMr. S. AravindhManaging Director,Team Leader,Mecello, Tech,Mecello, Tech, Chennai  |   |              |          |
| Date of co                                       | nduct fro                                     | om : 10.12.2018 To:   | 14.12.2018  | Duration:    | 30 Hours |
| Organized  | Departm                                       | ent: SCIENCE AND HUM  | ANITIES   | 1            |          |
| Participan                                       | t Year:                                       | 1   | No. of St<br>Registere                            |              | 123      |
| Venue:   | AUDIT   | ORIUM   | 1-00-0-01-1-                                      | Autobali     |          |
| . Perform<br>binary a<br>. Differen<br>. Prepare | n basic a<br>urithmeti<br>ntiate be<br>docume | rent types of input/ output derithmetic operations using di c<br>tween system and application<br>nts / spreadsheets.<br>Assessment<br>e securing more than 70% of | fferent number<br>n software.<br>t Process        | systems inc  | luding   |
| attendan   | ce is elig<br>ore = (0.:                      | ible to receive the certificate fo<br>*Attendance in VAC out of 10  | r the VAC cours                                   | e conducted  |          |
| T- Ke<br>VACC                                    | oordina                                       | 1000  | Princi  | pal          |          |
|  |   |   | G. Balakrist                                      | rinal        |          |
|  |   | Inc   | dra Ganesan Coll<br>IG Valley, Mad<br>Manikandam, | ural Main No | BM       |



### Name of the Student:

Year/Sem:

#### AU Register Number:

### Value Added Course

### "Computer Fundamentals"

### MULTIPLE CHOICE QUESTIONS (25X4 = 100 Marks)

#### 1. Who is the father of Computers?

- a) James Gosling
- b) Charles Babbage
- c) Dennis Ritchie
- d) BjarneStroustrup

#### 2. Which of the following is the correct abbreviation of COMPUTER?

a) Commonly Occupied Machines Used in Technical and Educational Research

b) Commonly Operated Machines Used in Technical and Environmental Research

c) Commonly Oriented Machines Used in Technical and Educational Research

d) Commonly Operated Machines Used in Technical and Educational Research

### 3. Which of the following is the correct definition of Computer?

a) Computer is a machine or device that can be programmed to perform arithmetical or logic operation sequences automatically

b) Computer understands only binary language which is written in the form of 0s & 1s

c) Computer is a programmable electronic device that stores, retrieves, and processes the data

d) All of the mentioned

#### 4. What is the full form of CPU?

- a) Computer Processing Unit
- b) Computer Principle Unit
- c) Central Processing Unit
- d) Control Processing Unit

### 5. Which of the following language does the computer understand?

- a) Computer understands only C Language
- b) Computer understands only Assembly Language
- c) Computer understands only Binary Language
- d) Computer understands only BASIC

### 6. Which of the following computer language is written in binary codes only?

- a) Pascal
- b) machine language
- c) C
- d) C#

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- 7. Which of the following is the brain of the computer?
- a) Central Processing Unit
- b) Memory
- c) Arithmetic and Logic unit
- d) Control unit

#### 8. Which of the following is not a characteristic of a computer?

a) Versatility

b) Accuracy

c) Diligence

d) I.Q.

#### 9. Which of the following is the smallest unit of data in a computer?

- a) Bit
- b) KB
- c) Nibble
- d) Byte

# 10. Which of the following unit is responsible for converting the data received from the user into a computer understandable format?

- a) Output Unit
- b) Input Unit
- c) Memory Unit
- d) Arithmetic & Logic Unit

# 11. Which of the following monitor looks like a television and are normally used with non-portable computer systems?

- a) LED b) LCD
- c) CRT
- d) Flat Panel Monitors

### 12. Which of the following is not a type of computer code?

- a) EDIC b) ASCII
- c) BCD
- d) EBCDIC

# 13. Which of the following part of a processor contains the hardware necessary to perform all the operations required by a computer?

- a) Controller
- b) Registers
- c) Cache
- d) Data path

### 14. Which of the following is designed to control the operations of a computer?

- a) User
- b) Application Software
- c) System Software
- d) Utility Software

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Manikandam, Trichy-620 012.



### 15. Which of the following device use positional notation to represent a decimal number?

- a) Pascale
- b) Abacus
- c) Computer
- d) Calculator

#### 16. Which of the following is used in EBCDIC?

- a) Super Computers
- b) Mainframes
- c) Machine Codes
- d) Programming

### 17. Which of the following are physical devices of a computer?

- a) Hardware
- b) Software
- c) System Software
- d) Package

# 18. Which of the following defines the assigned ordering among the characters used by the computer?

- a) Accumulation
- b) Sorting
- c) Collating Sequence
- d) Unicode

19. Which of the following storage is a system where a robotic arm will connect or disconnect off-line mass storage media according to the computer operating system demands?

- a) Magnetic
- b) Secondary
- c) Virtual
- d) Tertiary

20. Which of the following is known as the interval between the instant a computer makes a request for the transfer of data from a disk system to the primary storage and the instance the operation is completed?

- a) Disk utilization time
- b) Drive utilization time
- c) Disk access time
- d) Disk arrival time

21. Which of the following devices provides the communication between a computer and the outer world?

- a) Compact
- b) I/O
- c) Drivers
- d) Storage

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## 22. Which of the following are the input devices that enable direct data entry into a computer system from source documents?

a) System Access devices

b) Data acquiring devices

c) Data retrieving devices

d) Data Scanning devices

23. Which of the following is the device used for converting maps, pictures, and drawings into digital form for storage in computers?

a) Image Scanner

b) Digitizer

c) MICR

d) Scanner

#### 24. Which of the following can access the server?

a) Web Client

b) User

c) Web Browser

d) Web Server

### 25. Which of the following is known as the language made up of binary-coded instructions?

a) High level

b) **BASIC** 

c) C

d) Machine

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### Value Added Course

"Computer Fundamentals"

### ANSWER KEY

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

T-kalariani

**VAC Coordinator** 

Dr. G. Balakrishnan, M.E., Ph.D.,

Principal Indra Ganesan College of Engineering IG Valley, Madurai Main Road Manikandam, Trichy-620 012.



## Department of Science and Humanities

### Academic Year 2018-2019 - Odd Semester

STUDENTS ATTENDANCE LIST

### Value Added Gourse

### "Computer Fundamentals"

| S.NO Register<br>Number  |              | Name   | YEAR/ 10.12.20<br>BRANCH |     | .2018 11.12         |        | 11.12.2018 |    | 12.12.2018   |     | 018' |              |     | NO OF<br>SESSIONS | SIGNATURE<br>OF THE<br>STUDENTS |
|--|--------------|--|--------------------------|-----|---------------------|--------|------------|----|--------------|-----|------|--------------|-----|-------------------|---------------------------------|
| an and the state of the state o |              |  |                          | FN  | AN                  | FN     | AN         | FN | AN           | FN  | AN   | FN           | AN  | ATTENDED          |                                 |
| 1  | 811218106001 | ABINAYA R  | I/ECE                    | V   | a                   | V      | V          | V  | a            | V   | 1.00 | V            | 1   | 26                | 0 1-2                           |
| 2  | 811218106002 | AKILA K  | I/ECE                    | V   | $\overline{\nabla}$ | V      | V          | V  | V            | V   | a    | V            | V   |                   | R Abinaya                       |
| 3  | 811218106003 | ANNIE SHALOM.S                                       | I/ECE                    | V   | 1.2                 | 1      | -          |    | V            |     | 1×   |              | 1.7 | 88                | Anna                            |
| 4  | 811218106004 | ARTHI M  | I/ECE                    | V   | 1.                  | -V     | a          |    | 1.7          |     |      | V            | 1   | 28                | Anly S                          |
| 5  | 811218106005 | AZHAGU MEENA M                                       | I/ECE                    |     |                     | a      | Y          | V  | V            | V.  | a    | V            | V   | 26                | Arthie M                        |
| 6  | 811218106006 | DEVIK  | I/ECE                    | V   | a                   |        | 1Y         | V  | Y            |     | V    | V            | V   | 30                | AZAdano                         |
| 7  | 811218106007 | DHANALAKSHMI S                                       | I/ECE                    | V   | N.                  |        | V          | V  |              | ×.  | V .  | V            | V   | 27                | Devik                           |
| 8  | 811218106008 | HARI KRISHNAN S                                      | I/ECE                    | V   |                     | V      | 1V         | Y  | V            | V   | V    | V            | V   | 30                | Dianalakchimi                   |
| 9  | 811218106009 | JANANI V   | I/ECE                    |     | Ň                   | V      | 1×         |    | V            | ~   | æ    | V            | V   | 27                | Hankris                         |
| 10   | 811218106010 | JENIFER C  | I/ECE                    | a   | 1                   | X      |            | V  |              | V   | V    | V            | V   | 28                | Jum V                           |
| 11   | 811218106011 | JENIFER S  | I/ECE                    | V   | ×.                  | V      | la         | V  | a            | × · | V    | V            | V   | 26                | Jender                          |
| 12   | 811218106012 | KESAVAMURTHIM  | I/ECE                    | + V | V                   |        | ×          | V  | $\checkmark$ |     | V    |              | V   | 27                | Jerifae.                        |
| 13   | 811218106013 | KIRUTHIKAS   | I/ECE                    | V   | V                   | 1V     | V          | V  | V            | V.  | a    | $\checkmark$ | K   | 2.8               | Kerry                           |
| 14   |              |  |                          | V   | a                   | V      | V          | -V | V            | V   | V    |              | V   | 27                | kirutika.                       |
| 1.1  | 011210100014 | MANIKANDA PRAKASHOD.,<br>G. Balakrishnan, M.E. P.D., | I/ECE                    | Va  | V                   | $\vee$ | a          |    | V            |     | V    |              |     | 282               | Manikand                        |

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Ganesa COLLEGE OF ENGINEERING Madural Main Road (NH-45B), Manikandam, Trichy-12. Approved by AICTE, NewDelhi & Affiliated to Anna University, Chennal

| C. Succession | A CONTRACTOR OF |                   |                                 |                       |    |   |    |    | or De | Anna L       | Iniver | sity, Chenni        | -1                |   |
|---------------|---|-------------------|---------------------------------|-----------------------|----|---|----|----|-------|--------------|--------|---------------------|-------------------|---|
| 15            | 811218106015  | MARIA FRANCIS D   |                                 | -                     | -  |   |    |    |       | *            | ~      | erty, oneith:       | a1                |   |
| 16            | 811218106016  | RAGAVIA           | I/ECE                           | . ~                   | æ  | V                                       |    | 1. | 1.1   | V            |        | And a second second |                   | And the second se |
| 17            | 811218106017  | RUTHRAMOORTHY M   | I/ECE                           | ~                     | V  | V                                       | a  | V  | 15    |              | a      | ×                   | :26               | Mariatras   |
| 18            |   | SABARINATHAN K    | I/ECE                           | V                     | V  | V                                       | V  | ~  | V     | V            | Y      | VV                  | .28               | Ragavi  |
| 19            | 811218106019  | SARMILA M         | I/ECE                           | V                     | a  | V                                       |    | V  | a     | V            | V      | VV                  | 28                | Ruth ling .   |
| 20            | 811218106020  | SUMATHI           | I/ECE                           | V                     | V  | V                                       | Y  | V  | X     | V            | 9      | ~~                  | 26                | Sabarinathunk   |
| 21            | 811218106021  |                   | I/ECE                           | V                     | V  | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ |    | V  | V     | V            | V      | VV                  | 30                | Surmit.   |
| 22            | 811218105001  | THIVYA PRIYA R    | I/ECE                           | V                     | a  | V                                       | V  | V  | V     | ~            | a      | V.V                 | 27                | C   |
| 23            | 811218105002  | ARUN PRAVEEN RAJA | I/EEE                           | V                     | V  | V                                       | V  | V  | a     | V            | V      | VV                  | 26                | Sumathi, -  |
| 24            | 811218105002  | HARIHARAN M       | I/EEE                           | V                     |    |   | a  | V  | ×.    | V            | V      | VV                  | 27                | Thing Bay   |
| 25            | 811218105004  | INBARAJ A         | I/EEE                           | V                     | V  | V                                       | V  | V  | a     | V            | V      | VV                  | 28                | A Arrin preire  |
| 26            | 811218105005  | JEYA STEPHEN S    | I/EEE                           | V                     | Y  | V                                       | a  | V  | V     | V            | a      | VV                  | ab                | Axun Prome  |
| 27            | 811218105006  | MANIKANDAN N      | I/EEE                           | V                     | av | V                                       | V  | V  |       | V            | V      | VV                  | de-               | Interney  |
| 28            | 811218105007  | PADMANABAN A      | I/EEE                           | V                     | V  |   | V  | V  | a     | V            | V      | VV                  | 28                | day step  |
| 29            | 811218105008  | SASIKUMAR R       | I/EEE                           | VE                    | -  | X                                       | N  | V  | V     | V            | R      | VV                  | 26                | manner  |
| 30            | 811218105009  | SIVAKUMAR P       | I/EEE                           |                       | V. |   | V  | V  | V     | ~            | 2      | VV                  |                   | Parme   |
| 31            |   | VEERA RAGAVAN A   | I/EEE                           | V                     | V  | V                                       | V  | V  | V     | V            | a      | VV                  | 27                | Sabriken  |
| 32            | 811218105010  | YUVARAJ S         | I/EEE                           | V                     | a  | V                                       | V  | V  | V     | V            |        | VV                  | 28                | Sivatumore  |
| 1             | 811218106001  | AKASH             | I/CIVIL                         |                       | N  | V                                       | V  | V  | a     | $\checkmark$ | a      | VV                  | Painting Painting | Veera Reyarar   |
| 33            | 811218106002  | MAHENDRAN.M       | I/CIVIL                         | -V                    | a  | V                                       | a  | 5  | 4     | ~            | V      | VV                  | 26                | Thrangers   |
| 34            | 811218106003  | MUSRAF ALLS       | the second second second second | V                     | V  | V                                       | ~  | V  | a     | V            | 1      |                     | 26                | Alend-  |
| 35            | 811218106004  | PANDIMEENA.R      | I/CIVIL                         | and the second second | ~  | V                                       | V  | V  | V     | V            | -      | -VV                 | 27                | Mahendr is  |
| 36            |   | PRABUJJ           | I/CIVIL                         |                       | a  | V                                       | ~  | V  | V     | V            | 9      | VV                  | 28                | musrap this   |
| 37            | 811218106006.   | SORNAMUTHU.M      | I/CIVIL                         | V                     | a  | V                                       | V  | V  | V     | V            | a      | - VV                | _26_              | Landingent  |
| 38            | 8 12181 4001  | ABINASH P         | I/CIVIL                         | V                     | ~  | ~                                       | V  |    | a     | V            | V      | -VV                 | 27                | Praton of   |
| 39            | 811218114002  | AJITH KUMAR M     | I/Mech                          | V                     | V  | V                                       | a  | V  | ~     |              |        | -VV                 | 28                | Somamathin  |
| 40-           | 811218114003  | ARUN PANDIAN M R  | I/Mech                          | X                     | a  | VI                                      | V  | V  | V     | 1            | a      | 1V                  | 26                | Abinath P   |
| 1             | Principal   | M.E., Ph.D.,      | I/Mech                          | V                     | V  | V                                       | VT | V  | V     | V            | a      | VV                  | 28                | Art lenna   |
| Indra         | Ganesan College of  | Engineering       |                                 |                       |    | man monda.                              |    |    |       |              |        | - X V               | 28                | Arun Pondian  |
| IC            | G Valley, Madurai Ma  | in Road           |                                 |                       |    |   |    |    |       |              |        |                     |                   |   |
| N             | Aanikandam, Trichy-t  | 520 012           |                                 |                       |    |   |    |    |       |              |        |                     |                   |   |
|               |   |                   |                                 |                       |    |   |    |    |       |              |        |                     |                   |   |



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| 41                             | Q1121011400                                  |                      |  |                                 | or., n | rewbell | 11 & A | ffiliate        | d to         | Anna Uni  | n,Trichy<br>versity, Ci | -12.   |  |            |  |
|--------------------------------|--|----------------------|--|---------------------------------|--------|---------|--------|-----------------|--------------|-----------|-------------------------|--------|--|------------|--|
| 42                             | 811218114004                                 | ALAGURAJA M          | I/Mech   |                                 |        |         |        |                 | New york     |           | Charly, Cr              | lennai |  |            |  |
| rakangala kampanga             | 811218114005                                 | BALASUBRAMANI K      |  | V                               | a      | V       | 12     | V               |              |           |                         |        | Contraction of the local division of the loc |            |  |
| 43                             | 811218114006                                 | DINESHKUMAR K        | I/Mech   | LV                              | V      | 1/      | 17     | V.              | Y -          |           | av                      |        | 26   | N. Mar     |  |
| 44                             | 811218114007                                 | GANESAPANDY K        | I/Mech   | 1V                              | V      |         | V      |                 | Y            | V         | V                       | VI     | 30   | adagang    | 2014   |
| 45                             | 811218114008                                 | JAMES RAJA A         | I/Mech   | V                               | V      | V       |        | V               | V            | VI        | 1 F                     | V.     | 100  | balay      | ebraman  |
| 46                             | 811218114009                                 |                      | I/Mech   | V                               |        | V       | a      | V               | V            | ~ / /     |                         |        | 27   | Pinesh 1   | umar   |
| 47                             | 811218114010                                 | KARTHIKEYAN R        | I/Mech   | V                               | a      | V       | V      | V               | V            | V         |                         |        | 28   | Ganesa     | Randyk   |
| 48                             | 811218114011                                 | MURUGAPPAN P         | I/Mech   | 1000 1 1000 1000                | V      | V       | a1     | V               |              | VV        | 1                       | -      | 26   | Jamesia    | te-  |
| 49 .                           |  | PRASANTHR            | I/Mech   | -V                              | ×.     | V       | V      |                 | a            | V.        | there when a street out |        | 27   | Barti      | Keyan e  |
| 50                             | 811218114012                                 | PRAVEEN A            | I/Mech   | -V                              | +V!    | V       | a      | V               | V            |           |                         |        | 28   | Murule     | neyan g  |
| 51                             | 811218114013                                 | RABIN SINGH X        | and show have a second product of the second s   | +×                              | a      | V       | V      | ~               | 1            | /         |                         |        | 26   | PP-1.      | minup  |
| recommendation characteristics | 811218114014                                 | RAMESH.M             | I/Mech   | V                               | 1      | V       | a      | V               | . /          | V V       | 1 V                     |        | 28   | Raha       | r i  |
| 52                             | 811218114015                                 | RENISH BHARATHI S    | I/Mech   |                                 | V      | V       | a      | V               | ×+           | -V/V      | 1_ <u>1</u>             |        | 28   | Palle      |  |
| 53                             | 811218114016                                 | SANTHOSH K           | I/Mech   | V                               | V      | V       | V      | V               | Y            | Va        | sumplement ( )          |        | 26   | Rabins     | agn  |
| 54                             | 811218114017                                 | SATHISH SELVA A      | I/Mech   | Y                               |        | V       | 1      |                 | V.           | VV        | · VV                    |        |  | Do Ha      |  |
| 55                             | 811218114018                                 | TAMILSELVAN T        | <b>I</b> /Mech   | V                               | 1.7    | V       | V      | V               | V            | Va        | it VI                   |        | 30   | Kanich &   | cl_  |
| 56                             | 811218114019                                 | VASANTH D            | I/Mech   | V                               | t.t    |         | v      | V               | $\checkmark$ | VV        |                         |        | 27   | Resonth    | olh  |
| 57                             | 811218114020                                 |                      | I/Mech   | V                               |        | V       | V      | manager and and | d            | VV        |                         |        | 30   | Sathish    | 5000   |
| 58                             | 811218114021                                 | VIKRAM S             | I/Mech   | to deside and the second second | V      | Y       | a      | V               | V.           | VU        | A                       | 7      | 27   | mileal     | A. Star  |
| 59                             |  | VISHNU B             | I/Mech   | V                               | a      | V       | V      | 1               | ~            | Va        |                         |        | 28   | Varmit     | 3  |
| 60                             | 811218114022                                 | YOGAVISHUVABARATHI G | I/Mech   | V                               | V      | V       | a      | V               | 1            | Va        | VV                      |        | 26   | Vik Boon   |  |
| presentationen and salars      | 811218114023                                 | VIGNESHWARAN         | Concernant and and a state of the state of t | ~                               | V      | VI      | ~      | V               | T            | VV        |                         |        | 27   | Dich       |  |
| 61                             | 811218105001                                 | ANJALI DEVI V        | I/Mech   | V                               | VI     | VI      | at     |                 |              | va        | VV                      |        | 28   |            |  |
| 62                             | 811218105002                                 | ANTONY ARUL DOSS A   | I/IT   |                                 | a      | V       | V      | V ·             | V_           | Va        | VV                      |        |  | Yoganish   |  |
| 63                             | 0.11.0.1                                     | ARJUN V              | I/IT   | 1                               |        | 17-     |        | V               | $\leq$       | $\sqrt{}$ | VV                      |        | 36   | vignesh wa |  |
| 64                             | Otto a la l |                      | I/IT   | V                               | V      |         | a      | V               |              | VV        | VV                      |        | 28   | Anjäli der | - V  |
| 65                             | OI LOY :                                     | DEEPA T              | I/IT   | V                               |        |         | 2      | V               |              | Va        | VV                      | 2      | 18   | AmeryAr    | rel nels   |
| 66                             | 811218105004                                 | DHARSHINI K          | I/IT   |                                 | V      | V       | V      | VI              |              | VV        | 1                       | 1      | www.   | Ardun V.   |  |
| Dr. G.                         | Balakrishnan,                                | GOPI U               | I/IT   | X                               | V      | V       | V      | VI              | V            | Va        | manager - ma            | 7-3    | 10   | Deefat     | -  |
|                                | Principal                                    |                      | DII  | Vai                             | V      | V       | V      | VI.             | V-           | 117       | VV                      |        | 29   | Pharshing  | 5  |
| - Indra G                      | Ganesan College of E                         |                      |  |                                 |        |         |        | I               |              | VV        | LVV                     | 3      | 0  | Gopip      |  |
| IG                             | Valley, Madurai Mai                          | ngineering           |  | •                               | ÷      |         |        |                 |              |           | 5 <b>4</b> ,            |        |  | C'         |  |
| Ma                             | nikandam, Trichy-62                          |                      |  |                                 |        |         | *      |                 |              |           |                         |        |  |            | and the second s |
|                                | and then you                                 | CU UTE               |  |                                 |        |         |        |                 |              |           |                         |        |  |            | . *  |



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|------|--|--|-------|--------------|--------------|--|--------------|--------------|--------------|---------|-----------------|------------|------------------------|------------------|
| 67   | 01121010300/   | IRUDHAYARAJ A  |       |              |              | Sector contributing restorates, Souther to |              |              |              | Anna U  | niver           | Sity, Chen | 1a)                    | *                |
| 68   | 011210103008   | JANANI S   | I/IT  | 1            |              | V  | Test.        | 1.7          |              | a —     |                 |            | _                      |                  |
| 69   | 811218105009   | JANARTHANAN  | I/IT  | V            | V            |  | V            | V.           | 14           | 1V      | a               | VV         | 27                     |                  |
| 70   | 811218105010   | KAMALESH A   | I/IT  | V            | Y            | ~  | V            | V            | a            | V       | $\checkmark$    | VV         | man more since dance . | Irudhayaky       |
| 71   | 811218105011   | KAVIVADAGY   | I/IT  | V            | R            | V  | V            | V            | V            | Y       | a               | VV         | 28                     | Jorm 9           |
| 72   | 811218105012   | KAVIYARASU C   | I/IT  | V            | a            |  | 1X           |              | V            | V       | 1               | V          | 26                     | Janarthana       |
| 73   | 811218105013   | KAYALVIZHI.B   | I/IT  |              | -            | M  | V            | V            | V            |         | 1               | -V         | 27                     | Kamesh           |
| 74   | 811218105014   | KEERTHANA K  | I/IT  | X            | X-           | S.   | a            | V            | $\checkmark$ | V       | a               |            | 28                     | Kavirance        |
| 75   | 811218105015   | MANOHARAN T  | I/IT  | V            | a            | V  | V            | $\checkmark$ | $\vee$       |         | V               | VV         | 26                     | Kayalyiens       |
| 76   | 811218105016   | MEENA R  | I/IT  | 1V           | × .          | V  | $\checkmark$ | $\checkmark$ | V            | 1.71    |                 |            | 28                     | Keul             |
| 77   | 811218105017   | MILTON BILLGATES J   | I/IT  | K            | a            | V  | V            | $\checkmark$ | a            | V       | 2               | VV         | 28                     | Maker            |
| 78   | 811218105018   | PAVITHRA.N   | I/IT  |              | V.           | V,   | a            | V            | V            |         | V               | - Y Y      | 26                     | meena            |
| 79   | 811218105019   | PRIYANKA A   | I/IT  | V            | V            | V  | V            | V            | V            | 71      | 13-1-           | -VV        | 28                     | Matter           |
| 80   | 811218105020   | ROBINSON ISAIAH E  | I/IT  |              | V.           | V .  | $\checkmark$ | V            | V            |         | 3               | VV         | 229                    | Pavithera        |
| 81   | 811218105021   | SANJAY KUMAR R   | I/IT  | V            | V.           | ~  | a            | V            | V            |         | ×               | VY         | 30                     | Britange.        |
| 82   | CLAR B   | SELVIM   |       | V            | $\checkmark$ | V  | VT           | V            | V            |         |                 | VV         | 27                     | Robrios          |
| 83   | 811218105022   | SHALINI GAYATHRI S   |       | V            | a            | V  | V            | $\checkmark$ | a            |         | X.              | XX         | 28                     | Sealsphan        |
| 84   | 011210105023   | SIVARAMAN S  | I/IT  | -V-          | V            | $\checkmark$                               | VT           | V            | 5            | - Y     | -               | VV         | 26                     | Selvin           |
| 85   |  | SNEKAA R   |       | V            | 9.           | $\sqrt{1}$                                 | V            | 1            |              | Y       | 2               | VV         | 28                     | Shi.             |
| 86   | 811218105025   | SUGANYA  | I/IT  |              | V            | VI   | V            | 1            | Y            | Y -     |                 | VV         | 28                     | City band        |
| iter | 811218105026   | VENNILA M  | I/IT  | ~            |              | 1  | VT           | 7            | y            | V C     | 2               | VV         | 2b                     | Sivatanan        |
| 87   | 811218105027   | VIJAYAKARAN M  | 1/IT  | -V           |              | ./   | V            |              | -+           | V.      | $\langle  $     | VV         | 36                     | Shites           |
| 88   | 011218105028   | WILSON JAYARAJ S   | I/IT  | $\checkmark$ | V.           | 1  | -            | ×            | V            | V.      | 2               | VV         | 27                     | Sugarya          |
| 89   | 011210104001   | AISHWARYA M  | I/IT  | V            | 1            | 7  | 1            | V            | V            | VI      | /               | VV         | 30                     | venne            |
| 90   | 011218104002   | AJITH KUMAR S  | I/CSE | V            |              |  | -            | V_           | a            | VI      |                 | VV         |                        | mapon            |
| 91   | 811218104003   | ARAVINDH SAMY P  | I/CSE | V            |              | 10   | ~            | V,           | V            | Va      |                 | VV         | 27                     | wil son your     |
| 92   | 811218104004. B  | Vakristnan, M.E., Ph.D.,   | I/CSE | VE           |              | 1  | n            | V,           | a            | VV      |                 | VV         | 28                     | Aushuarra        |
|      | to the second se | Principal  | I/CSE | 1            | 7            | 7  | 1-           | V/           | V            | VV      |                 | VV         | 21                     | Asithkumar       |
|      | Indra Gan  | esan College of Engineering  |       | - ac         | V 1          |  | V L          | V            | V            | V a     |                 | VV         | - <u>q1</u>            | Ana Kinthe Sorry |
|      | IG Vâl   | ey, Madurai Main Road  |       |              |              |  | -thath       |              |              |         | tran _determent |            | 28                     | Agrin .+         |
|      | Manik  | andam, Trichy-620 012.   |       |              |              |  |              |              |              |         | 25              |            |                        | V                |
|      |  |  |       |              |              |  |              |              |              |         |                 |            |                        |                  |



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| 93       | 0110101010   |  |  |       | ,   |  | n ce a       | Iffiliate      | d to Anni  | a Unive | sity, Chenn | 2.  |                |
|----------|--------------|--|--|-------|-----|--|--------------|----------------|--|---------|-------------|-----|----------------|
|          | 811218104005 |  | I/CSE  |       |     | and the second |              | - Andrew State | and the second |         | -Ji onein   |     |                |
| 94       | 811218104006 | DINESH KUMAR K                           | and another well-second life a bis way weight advances | IV    | a   | V  | ~            |                |  | 21.     |             |     |                |
| 95       | 811218104007 | GOWTHAM K                                | I/CSE  | -x    | V   | V  | 12           | V              | -44  | -       | VV          | 26  | Thorshinis     |
| 96       | 811218104008 | HARIHARANN                               | I/CSE  | 1-1-  | V   |  |              | -V             | 14-Le  | a       | LVV         | 28  |                |
| 97       | 811218104009 | HEMA LATHA B                             | I/CSE  |       | V   | -  | 1×           | V              | a k  | 14      | ~~          | 28  | Phesh kunore   |
| 98       | 811218104010 |  | I/CSE  | V     |     |  | 9            | 2              | 44   | a       | VV          | 26  | Gettam ke      |
| 99       | 811218104011 | JEGATHISWARI.D                           | I/CSE  |       | 1   | V  | V            | ~              | ZV   | V       | VV          | 30  | Auntha         |
| 100      | 811218104012 | JOSHI DAYANA K                           | I/CSE  |       | V.  | Vii  | X            | V              | J.V.V  | a       | VV          |     | - Hemahatha -A |
| 101      | 811218104012 | KANAGARAJ K S                            | I/CSE  | -12   | V   | V  | V            | V              | 211  |         | 11          | 29  | Testingara     |
| 102      |              | KIRUTHIGA V                              | I/CSE  | 1-1-  | V   | V  | ~            | V              | E V  | a       | - VV        | 30  | -Joskishayant  |
| 102      | 811218104014 | MADHAVAN S                               | I/CSE  | -K-   | · · | V  | ~            |                | Va   |         | VV          | 27  | - Kanagarajas  |
| 103      | 811218104015 | MAHENDRAN S                              | I/CSE  |       | 9   | - 1/   | V            | a              |  | - X     | -VV         | 28  | Kinathiga      |
| Thursday | 811218104016 | MOORTHIC                                 | and the second second second second                    |       | V   | V  | V            | 1              | a  |         | -VY         | 26  | madhayan .     |
| 105      | 811218104017 | MUTHAIYA P                               | I/CSE  |       | V   | V  | V            |                | -  | V       | ~~~         | 021 | Makendran      |
| 106      | 811218104018 | NEETHIMOZHI A                            | I/CSE  | -x    | a   | V  | V            | VI             | YK   | a *     | VV          | 28  | makandland     |
| 107      | 811218104019 | NITHYA P                                 | I/CSE  | ~     | V   | 1  |              | ave            | av   | 10      | VV          | 26  | Muthaire       |
| .108     | 811218104020 | NIVEDHA S                                | I/CSE  | 1     | VI  |  |              | V              | K-K  |         | VV          | 28  | Neething       |
| 109      | 811218104021 | PRIYANGA.G                               | I/CSE  | V     | V   | a  | X            |                | -KK  | a       | ~~          | 28  | Mithaya        |
| 110      | 811218104022 | RAMYA R                                  | I/CSE  | 100   | V   |  | <u>v</u>     | V              | YX   | a       | VV          | ab  | tingya         |
| 111      | 811218104023 |  | I/CSE  | V     | V   |  | V            | V              | ax   | ~~.     | VV          | 28  | Nievelhas      |
| 112      | 811218104024 | SHARVESH CHARAN.S.A                      | I/CSE  | 11/   | V   |  | V            | V              | Ma   | V       | VV          | 29  | Privanja       |
| 113      | 811218104025 | SATHASIVAM P                             | I/CSE  |       | V   | ~  | V            | V              | VV   | 4       | VV          |     | Kamva n        |
| 114      | 811218104026 | SELVI MARGRATE A                         | I/CSE  |       | V   | 14   | $\checkmark$ | VI             | Y V  | a       | VV          | _30 | phannel charm  |
| 115      | 811218104027 | SHALINI P                                | I/CSE  | K     |     | -  | $\vee$       | V              | va   | V       |             | 21  | Sathasinan P   |
| 116      |              | SHANMUGANATHAN P                         | I/CSE  |       |     | a  | $\checkmark$ | VI             | VV   | 9       | VV          | 28  | Delvi Mararate |
| 117      | 811218104028 | SHEELA.S                                 | I/CSE  | V     | V   | V  | 1            |                | QV   |         | VV          | 2b  | Stalin         |
| 118      | 811218104029 | SUDHAKARAN C                             | I/CSE  |       | V   | V  | N            | VI             | VV   | a       |             | ,27 | Stanganthanp   |
| 110      | 811218104030 | SUGASINI.G<br>Balakrishnan, M.E., Ph.D., |  | V     | V   | a  | V            | $\checkmark$   | 17   |         | - Y Y -     | 28  | Reela &        |
|          | Dr. G.       |  | I/CSE  | La la | V   | V  | ~            | V              | VV   | -V      | V           | 28  | Sudh te C      |
|          | Index (      | Principal                                |  |       |     |  | whippen 1    |                | M  | a       | VV          | 28  | Sugalog        |
|          |              | Sanesan College of Engineering           |  | *     |     |  |              |                |  |         |             |     | ¢,             |
|          |              | Valley, Madurai Main Road                |  |       |     |  | e .          |                |  |         |             |     | , ŵ            |
|          | IVIC         | anikandam, Trichy-620 012.               |  |       |     |  |              |                |  |         |             |     |                |



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| 119 | 811218104031                                 | VAISHNAVI G                     | ( ·                                      |      |      | , a Annate                              | d to Anna U                           | nivers                 | sity, Chenn | al                   | <b>*</b>  |
|-----|--|---------------------------------|--|------|------|---|---------------------------------------|------------------------|-------------|----------------------|---|
| 122 | 811218104032<br>811218104033<br>811218104034 | VIGNA SRI S<br>VIJAYA DHARANI K | VCSE<br>I/CSE<br>I/CSE<br>I/CSE<br>I/CSE | 7777 | 1777 | 1 1 1 1 1 1 A 1 A 1 A 1 A 1 A 1 A 1 A 1 | × × × × × × × × × × × × × × × × × × × | a v<br>a v<br>a v<br>a |             | 28<br>26<br>26<br>28 | Vaishang.<br>Viorsi s<br>Miaya Marani k<br>Pure |
|     |  |                                 |  |      |      | to be a statement                       | + men with management                 |                        | - V V       | 28                   | Sharl 1   |

T. Kalanami

VAC Coordinator

Dr. G. Balakrishnan, M.E., Ph.D., **Principal** Indra Ganesan College of Engineering IG Valley, Madurai Main Road Manikandam, Trichy-620 012.

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# **Department of Science and Humanities**

# Academic Year 2018-2019 - Odd Semester

# VALUE ADDED COURSE ASSESMENT SHEET

"Computer Fundamentals"

| S.NO | REGISTER     |  |  | Attendance D   | etails   | VAC-MCC  | Q TEST            |                                      |
|------|--------------|--|--|--|--|--|-------------------|--------------------------------------|
|      | NUMBER       | NAME   | YEAR/<br>BRANCH  | No. of Hours<br>Attended   | Attendance<br>Mark(100)                                | No of<br>Correct   | MCQ<br>Mark(100)  | OVERALL<br>MARK (100)<br>(50% of A + |
| 1    | 811218106001 | ABINAYA R  |  |  | (A)  | Answers  |                   | 50% of B)                            |
| 2    | 811218106002 | AKILAK   | I/ECE  | 26   | 79   | 10   | (B)               |                                      |
| 3    | 811218106003 |  | I/ECE  | 28   | 85   | 18   | 72                | 75                                   |
| 4    | 811218106004 | ANNIE SHALOM.S   | I/ECE  | 28   | 85   | 19   | 76                | 80                                   |
| 5    | 811218106005 | ARTHI M  | I/ECE  | 26   | 1 Million 100  | 19   | 76                | 80                                   |
| 6    | 811218106005 | AZHAGU MEENA M   | I/ECE  | 30   | 79   | 18   | 72                | 75                                   |
| 7.   | MAN MANY     | DEVIK  | I/ECE  | 27   | 91   | 18   | 72                | 81                                   |
| 8    | 811218106007 | DHANALAKSHMI S   | I/ECE  | and have been and the second s | 82   | 21   | 84                |                                      |
|      | 811218106008 | HARI KRISHNAN S  | Provide and a state of the stat | 30   | 91   | 18   | 72                | 83                                   |
| 9    | 811218106009 | JANANI V   | I/ECE  | 27   | 82   | 21   | The second second | 81                                   |
| 10   | 811218106010 | JENIFER C  | I/ECE  | 28   | 85   | 19   | 84                | 83                                   |
| 11   | 811218106011 | the stand of the second s | I/ECE  | 26   | 79   | the state of the s | 76                | 80                                   |
| 12   | 811218106012 | JENIFER S  | I/ECE  | 27   | 82   | 18   | 72                | 75                                   |
|      |              | KESAVAMURTHI M   | I/ECE  | 28   | A Million Aligona Application of States in constraints | 21   | 84                | 83                                   |
|      |              | say and a say a  | the second se  | 40   | 85   | 19   | 100 g             | 80                                   |

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| (Tar) | Contraction of the local division of the loc | An                  | IT FORMATION AND A |  |   | B/I com 1 I m | and the second se | and the second sec |   |               |
|-------|--|---------------------|--------------------|--|---|---------------|---|--|---|---------------|
| 13    | 811218106013   | KIRUTHIKA S         | proved by          | AICTE, Ne  | wDelhi & Affilia                              | ted to Anna U | iversity of   | -12.   |   |               |
| 14    | 811218106014   |                     | J/ECE              | 27   | 82  |               | and the second se | ennai  |   |               |
| 15    | 811218106015   | MANIKANDA PRAKASH G | I/ECE              | 28   | 85  | 21            | 84  | 83   | , terr  |               |
| 16    | 811218106016   | MARIA FRANCIS D     | I/ECE              | 26   | 79  | 19            | 76  | 80   |   | 1             |
| 17    | 811218106017   | RAGAVIA             | I/ECE              | 28   | 85  | 18            | 72  | 75   |   |               |
| 18    | 811218106018   | RUTHRAMOORTHY M     | I/ECE              | 28   | 85  | 19            | 76  | 80   |   |               |
| 19    | 811218106019   | SABARINATHAN K      | I/ECE              | 26   | 79  | 19            | 76  | 80   |   |               |
| 20    | 811218106020   | SARMILA M           | I/ECE              | 30   | 91  | 18            | 72  | 75   |   |               |
| 21    | 811218106021   | SUMATHI             | I/ECE              | 27   | . 82  | 18            | 72  | 81   |   |               |
| 22    | 811218105001   | THIVYA PRIYA R      | I/ECE              | 26   | 79  | 21            | 84  | 83   | 10111 - 10111 - 1011  |               |
| 23    | 811218105002   | ARUN PRAVEEN RAJ A  | I/EEE              | 27   | A   | 18            | 72  | 75   |   |               |
| 24    | 811218105003   | HARIHARAN M         | I/EEE              | 28   | 82<br>85                                      | 21            | 84  | 83   |   |               |
| 25    | 811218105004   | INBARAJ A           | I/EEE              | 26   | Solar inclusions and and the solar solar ball | 19            | 76  | 80   |   |               |
| 26    | 811218105005   | JEYA STEPHEN S      | I/EEE              | 28   | 79  | 18            | 72  | 75   |   | ć             |
| 27    | 811218105006   | MANIKANDAN N        | I/EEE              | 28   | 85  | 19            | 76  | 80   |   | h             |
| 28    | 811218105007   | PADMANABAN A        | I/EEE              | 26   | 85  | 19            | 76  | 80   | Commence.   | M.E. Ph.D.    |
| 9     | 811218105008   | SASIKUMAR R         | I/EEE              | 30   | 79  | 18            | 72  | 75   | -   | N             |
| 30    | 811218105009   | SIVAKUMAR P         | I/EEE              | 27   | 91  | 18            | 72  | 81   | 1   | - E           |
| 1     | 811218105010   | VEERA RAGAVAN A     | I/EEE              | 28   | 82  | 21            | 84  | 83   |   | , uc          |
| 2     |  | YUVARAJ S           | I/EEE              | 26   | 85  | 19            | 76  | interesting .  | A   | i, i          |
| 3     | 811218106001   | AKASH               | I/CIVIL            |  | 79  | 18            | 72  | 80   | A   |               |
| 4     | 811218106002   | MAHENDRAN.M         |                    | 26   | 79  | 18            | 72  |  | -   | Balakrishnan. |
|       | 811218106003   | MUSRAF ALI.S        | I/CIVIL            | 27   | 82  | 21            | 84  | 75   |   | E E           |
| 5     | 811218106004   | PANDIMEENA.R        | I/CIVIL            | 28   | 85  | 19            |   | 83   |   | Dr. (         |
| 6     | 811218106005   | PRABU.J.J           | I/CIVIL            | 26   | 79  | 18            | 76  | 80   |   | C             |
| 7     | 811218106006   | SORNAMUTHU.M        | I/CIVIL            | 27   | 82  | 21            | 72  | 75   |   |               |
| 8     | 811218114001   | ABINASH P           | I/CIVIL,           | 28   | 85  | 19            | 84  | 83   |   |               |
| )     | 811218114002   | AJITH KUMAR M       | I/Mech             | 26   | 79  | 19            | 76  | 80   |   |               |
|       |  | A CHIAR IVE         | I/Mech             | 28   | 85  | 18            | 72  | 75   | and the second se |               |
|       |  |                     |                    | and a second | anne 1  | 17            | 76  | 80   |   |               |

Indra Ganesan College of Engineering IG Valley, Madurai Main Road Manikandam, Trichy-620 012. Principal

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| 40 | 811218114003  | ARUN PANDIAN M R          |        | ICIC, NOV | vDeihi & Affiliat   | ted to Anna Un   | iversity, Ch | ennai |   |
|----|---|---------------------------|--------|-----------|---|--|--------------|-------|---|
| 41 | 811218114004  | ALAGURAJA M               | I/Mech | 28        | 85  | 19   | 76           | 0.0   |   |
| 42 | 811218114005  | BALASUBRAMANIK            | I/Mech | 26        | 79  | 18   | 72           | 80    |   |
| 43 | 811218114006  | DINESHKUMAR K             | I/Mech | 30        | 91  | 18   | 72           | 75    |   |
| 44 | 811218114007  | GANESAPANDY K             | I/Mech | 27        | 82  | 21   | 84           | 81    |   |
| 45 | 811218114008  | JAMES RAJA A              | I/Mech | 28        | 85  | 19   |              | 83    |   |
| 46 | 811218114009  | KARTHIKEYAN R             | I/Mech | 26        | 79  | 18   | 76           | 80    |   |
| 47 | 811218114010  | MURUGAPPAN P              | I/Mech | 27        | 82  | 21   | 72           | 75    |   |
| 48 | 811218114011  | PRASANTH R                | I/Mech | 28        | 85  | 19   | 84           | 83    |   |
| 49 | 811218114012  | PRAVEEN A                 | I/Mech | 26        | 79  | 19   | 76           | 80    |   |
| 50 | 811218114013  |                           | I/Mech | 28        | 85  | 10   | 72           | 75    |   |
| 51 | 811218114014  | RABIN SINGH X<br>RAMESH.M | I/Mech | 28        | 85  | 19   | 76           | 80    |   |
| 52 | 811218114015  |                           | I/Mech | 26        | 79  | and the second state from the second state from the second state | 76           | 80    | 1   |
| 53 | 811218114016  | RENISH BHARATHI S         | I/Mech | 30        | 91  | 18   | 72           | 75    | Balakrishnan, M.E., Ph.D.,<br>Principal<br>Sanesan College of Engineering |
| 54 | 811218114017  | SANTHOSH K                | I/Mech | 27        | 82  | 18   | 72           | 81    | . P   |
| 55 | 811218114018  | SATHISH SELVA A           | I/Mech | 30        | 91  | 21   | 84           | 83    | A.E.  |
| 56 | 811218114019  | TAMILSELVAN T             | I/Mech | 27        | 82  | 18   | 72           | 81    | D, N  |
| 57 | 811218114020  | VASANTH D                 | I/Mech | 28        | 85  | 21   | 84           | 83    | rishnai<br>Principal<br>College (   |
| 58 | 811218114021  | VIKRAM S                  | I/Mech | 26        | 79  | 19   | 76           | 80 .  | shi<br>inci   |
| 59 | 811218114022  | VISHNU B                  | I/Mech | 27        | 82  | 18   | 72           | 75    | L' L' L'  |
| 60 | 811218114022  | YOGAVISHUVABARATHI G      | I/Mech | 28        | 85  | 21   | 84           | 83    | Dr. G. Balakrishnan,<br>Principal<br>Indra Ganesan College of             |
| 61 | 811218105001  | VIGNESHWARAN              | I/Mech | 26        | 79  | 19   | 76           | 80    | Ba Ba   |
| 62 | and the second se | ANJALI DEVI V             | I/IT   | 28        | 85  | 18   | 72           | 75    | S C   |
| 63 | 811218105002  | ANTONY ARUL DOSS A        | U/IT   | 28        | and a subscription of the second se | 19   | 76           | 80    | Dr.   |
| 64 | 811218105003  | ARJUN V                   | I/IT   | 26        | 85  | 19   | 76           | 80    |   |
| 65 | 811218105004  | DEEPA T                   | VIT    | 30        | 79  | 18   | 72           | 75    | -   |
|    | 811218105005  | DHARSHINI K               | I/IT   | 29        | 91  | 18   | 72           | 81    |   |
| 66 | 811218105006  | GOPI U                    | I/IT   | 30        | 88  | 20   | 80           | 84    |   |
|    |   |                           | A/ L L | 30        | 91  | 18   | 72           | 81    |   |

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| 67 | 811218105007        | IRUDHAYARAJ A      |                                     | AIGIE, Nev         | vDelhi & Affilla  | ted to Anna Un | liversity, Ch  | ·1.2.<br>Innai |  |
|----|---------------------|--------------------|-------------------------------------|--------------------|---|----------------|--|----------------|--|
| 68 | 811218105008        | JANANI S           |                                     | 27                 | 82  | 21             |  |                | Contractory of the local division of the loc |
| 69 | 811218105009        | JANARTHANAN        | I/IT                                | 28                 | 85  | 19             | 84   | 83             |  |
| 70 | 811218105010        | KAMALESH A         | I/IT                                | 26                 | 79  | 19             | 76   | 80             |  |
| 71 | 811218105011        | KAVIYARASU C       | I/IT                                | 27                 | 82  | 21             | 72   | 75             |  |
| 72 | 811218105012        |                    | I/IT                                | 28                 | 85  | 19             | 84   | 83             |  |
| 73 | 811218105013        | KAYALVIZHI.B       | I/IT                                | 26                 | 79  |                | 76   | 80             |  |
| 74 | 811218105014        | KEERTHANA K        | I/IT                                | 28                 | 85  | 18             | 72   | 75             |  |
| 75 | 811218105015        | MANOHARAN T        | I/IT                                | 28                 | 85  | 19             | 76   | 80             |  |
| 76 | 811218105016        | MEENA R            | I/IT                                | 26                 | 79  | 19             | 76   | 80             |  |
| 77 | 811218105017        | MILTON BILLGATES J | I/IT                                | 28                 | 85  | 18             | 72   | 75             | -  |
| 78 | 811218105018        | PAVITHRA.N         | I/IT                                | 29                 | 88  | 19             | 76   | 80             |  |
| 79 | 811218105019        | PRIYANKA A         | l/IT                                | 30                 | 91  | 20             | 80   | 84             | n, M.E., Ph.D.,<br>of Engineering  |
| 80 | 811218105020        | ROBINSON ISAIAH E  | I/IT                                | 27                 | Contraction of the second s | 18             | 72   | 81             |  |
| 1  | 811218105021        | SANJAY KUMAR R     | I/IT                                | 28                 | 82  | 21             | 84   | 83             | M.E.   |
| 32 | 811218105022        | SELVIM             | I/IT                                | 26                 | 85  | 19             | 76   | 80             | L L  |
| 3  |                     | SHALINI GAYATHRI S | I/IT                                | 28                 | 79  | 18             | 72   | 75             |  |
| 4  | 811218105023        | SIVARAMAN S        | I/IT                                | 28                 | 85  | 19             | 76   | 80             | sh sh  |
| 5  | 811218105023        | SNEKAA R           | L/IT                                | 26                 | 85  | 19             | 76   | 80             | Balakrishna<br>Principal   |
| 86 | 811218105025        | SUGANYA            | I/IT                                | 30                 | 79  | 18             | 72   | 75             |  |
| 7  | 811218105026        | VENNILA M          | VIT                                 | 27                 | 91  | 18             | 72   | 81             |  |
| 8  | 811218105027        | VIJAYAKARAN M      | I/IT                                | with any many many | 82  | 21             | 84   | 83             | Dr. G. Balakrishna<br>Principa<br>Indra Ganesan College  |
|    | 811218105028        | WILSON JAYARAJ S   |                                     | 30                 | 91  | 18             | 72   | 81             | Dr.  |
| 9  | 811218104001        | AISHWARYA M        | I/CSE                               | 27                 | 82  | 21             | 84   | 83             | 1  |
| 0  | 811218104002        | AJITH KUMAR S      | An advent of An advent of An advent | 28                 | 85  | 19             | 76   | 80             | 4  |
| 1  | 811218104003        | ARAVINDH SAMY P    | I/CSE                               | 26                 | 79  | 18             | 72   | - Maler -      |  |
| 2  | 811218104004        | ARJUN V            | I/CSE                               | 27                 | 82  | 21             | 84   | 75             |  |
| 3  | 811218104005        | DHARSHINI A        | I/CSE                               | 28                 | 85  | 19             | - California a group of a construction of the second | 83             |  |
|    | <ul> <li></li></ul> |                    | I/CSE                               | 26                 | 79  | 18             | 76   | 80             |  |
|    |                     |                    |                                     | P = 10             | and an and a second second second second second second  | 1.0            | 1/2  | 75             |  |

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| 94  | 811218104006 | DINESH KUMAR K   | LOOD         |    | Delhi & Affiliat | ed to Anna Un | iversity, Che      | ennal |                                  |
|-----|--------------|--|--------------|----|------------------|---------------|--------------------|-------|----------------------------------|
| 95  | 811218104007 | GOWTHAM K  | I/CSE        | 28 | 85               | 19            | 76                 | 80    | -                                |
| 96  | 811218104008 | HARIHARAN N  | I/CSE        | 28 | 85               | 19            | 76                 | 80    |                                  |
| 97  | 811218104009 | HEMA LATHA B   | I/CSE        | 26 | 79               | 18            | 72                 | 75    |                                  |
| 98  | 811218104010 | JEGATHISWARI,D   | I/CSE        | 30 | 91               | 18            | 72                 |       |                                  |
| 99  | 811218104011 | JOSHI DAYANA K   | I/CSE        | 29 | 88               | 20            | 80                 | 81    | -                                |
| 100 | 811218104012 | KANAGARAJ K S  | I/CSE        | 30 | 91               | 18            | 72                 | 84    | -                                |
| 101 | 811218104013 | KIRUTHIGA V  | I/CSE        | 27 | 82               | 21            | 84                 | 81    | 1                                |
| 102 | 811218104014 | MADHAVAN S   | I/CSE        | 28 | 85               | 19            | 76                 | 83    |                                  |
| 103 | 811218104015 | MAHENDRAN S  | I/CSE        | 26 | 79               | 18            |                    | 80    | -                                |
| 104 | 811218104016 | MOORTHI C  | I/CSE        | 27 | 82               | 21            | 72<br>84           | 75    |                                  |
| 105 | 811218104017 | MUTHAIYA P   | I/CSE        | 28 | 85               | 19            | 76                 | 83    | Ph.D.,                           |
| 106 | 811218104018 | NEETHIMOZHI A  | I/CSE        | 26 | 79               | 18            | 78                 | 80    | Ph                               |
| 107 | 811218104019 | NITHYA P   | I/CSE        | 28 | 85               | 19            | 76                 | 75    | M.E.,                            |
| 108 | 811218104020 | NIVEDHA S  | I/CSE        | 28 | 85               | 19            | BPROMINENT MILLION | 80    |                                  |
| 109 | 811218104021 | PRIYANGA.G   | I/CSE        | 26 | 79               | 18            | 76                 | 80    | an,<br>al                        |
| 110 | 811218104022 | RAMYA R  | I/CSE        | 28 | 85               | 19            | 72                 | 75    | atakrishn<br>Princip             |
| 111 | 811218104023 | The second s | I/CSE        | 29 | 88               | 20            | 76                 | 80    | Prir                             |
| 112 | 811218104024 | SHARVESH CHARAN.S.A<br>SATHASIVAM P  | <b>I/CSE</b> | 30 | 91               | 18            | 80                 | 84    | Ř                                |
| 113 | 811218104025 |  | I/CSE        | 27 | 82               | 21            | 72                 | 81    | Bat                              |
| 114 | 811218104026 | SELVI MARGRATE A<br>SHALINI P  | I/CSE        | 28 | 85               | 19            | 84                 | 83    | Dr. G. Balakrishnan<br>Principal |
| 115 | 811218104027 | All and a second s   | I/CSE        | 26 | 79               | 18            | 76                 | 80    | Dr.                              |
| 116 | 811218104028 | SHANMUGANATHAN P   | I/CSE        | 27 | 82               | 21            | 72                 | 75    |                                  |
| 117 | 811218104029 | SHEELA.S   | I/CSE        | 28 | 85               | 19            | 84                 | 83    |                                  |
| 118 | 811218104030 | SUDHAKARAN C   | I/CSE        | 26 | 79               | 19            | 76                 | 80    |                                  |
| 119 | 811218104031 | SUGASINI.G   | I/CSE        | 28 | 85               | 18            | 72                 | 75    |                                  |
| 120 | 811218104031 | VAISHNAVI G  | I/CSE        | 28 | 85               | 19            | 76                 | 80    |                                  |
|     | 011210104032 | VIGNA SRI S  | I/CSE        | 26 | 79               | 19            | 76                 | 80    |                                  |

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Approved by AICTE, NewDelhi & Affiliated to Anna University, Chennal

| 121 | 811218104033 | VIJAYA DHARANI K | I/CSE          | Contraction of the second seco | and the second se  |    | , one, one |    |
|-----|--------------|------------------|----------------|--|--|----|------------|----|
| 122 | 811218104034 | VINOTHINI S      | MCOL           |  | 79   | 18 | 72         | 75 |
| 123 | 811218104035 | SIVASANGARI C    | I/CSE<br>I/CSE | 28 8   | the state of the s | 19 | 76         | 80 |
|     |              |                  | I ICOL         | 28 8   | 15   | 19 | 76         | 80 |

J. Kalariani

**VAC Coordinator** 

Dr. G. Balakrishnan, M.E., Ph.D., Principal Indra Ganesan College of Engineering IG Valley, Madurai Main Road Manikandam, Trichy-620 012.

HoD/S&H



This is to certify that **MR. VASANTH D**, I Year, Mech has successfully completed the Value Added Course on "**COMPUTER FUNDAMENTALS**" **Organized** by Department of Science and Humanities of our Institution in Association with **Mecello Tech** from 10<sup>th</sup> Dec 2018 to 14<sup>th</sup> Dec 2018 (5days) during the Academic year 2018-2019.

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Year/Sem:

Name of the Student: P. Musugappan AU Register Number: 811218114010

Value Added Course

## "Computer Fundamentals"

### **MULTIPLE CHOICE QUESTIONS (25X4 = 100 Marks**

### 1. Who is the father of Computers?

a) James Gosling

(b) Charles Babbage

c) Dennis Ritchie

d) BjarneStroustrup

### 2. Which of the following is the correct abbreviation of COMPUTER?

a) Commonly Occupied Machines Used in Technical and Educational Research

b Commonly Operated Machines Used in Technical and Environmental Research

c) Commonly Oriented Machines Used in Technical and Educational Research

d) Commonly Operated Machines Used in Technical and Educational Research

## 3. Which of the following is the correct definition of Computer?

a) Computer is a machine or device that can be programmed to perform arithmetical or logic operation sequences automatically

b) Computer understands only binary language which is written in the form of 0s & 1s

c) Computer is a programmable electronic device that stores, retrieves, and processes the data d) All of the mentioned

### 4. What is the full form of CPU?

a) Computer Processing Unit

b) Computer Principle Unit

c)Central Processing Unit

d) Control Processing Unit

## 5. Which of the following language does the computer understand?

a) Computer understands only C Language

b) Computer understands only Assembly Language

c) Computer understands only Binary Language

d) Computer understands only BASIC

### 6. Which of the following computer language is written in binary codes only?

a) Pascal

b) machine language

c) C

(d) C#

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#### 7. Which of the following is the brain of the computer?

- a) Central Processing Unit
- b) Memory
- C Arithmetic and Logic unit
- d) Control unit

### 8. Which of the following is not a characteristic of a computer?

- a) Versatility
- b) Accuracy
- c) Diligence
- (d)]I.Q.

## 9. Which of the following is the smallest unit of data in a computer?

- a) Bit
- b) KB
- c) Nibble
- d) Byte

# 10. Which of the following unit is responsible for converting the data received from the user into a computer understandable format?

- a) Output Unit
- b) Input Unit
- c) Memory Unit
- d) Arithmetic & Logic Unit

# 11. Which of the following monitor looks like a television and are normally used with non-portable computer systems?

a) LED b) LCD c) CRT d) Flat Panel Monitors

#### 12. Which of the following is not a type of computer code?

- a) EDIC
- b) ASCII
- c) BCD
- d) EBCDIC

13. Which of the following part of a processor contains the hardware necessary to perform all the operations required by a computer?

- a) Controller
- b) Registers
- c) Cache
- d) Data path

14. Which of the following is designed to control the operations of a computer? a) User

b) Application Software

- c) System Software
- d) Utility Software 💡 🧹



## 15. Which of the following device use positional notation to represent a decimal number?

a) Pascale

b)Abacus

c) Computer

d) Calculator

### 16. Which of the following is used in EBCDIC?

a) Super Computers

(b) Mainframes

c) Machine Codes

d) Programming

### 17. Which of the following are physical devices of a computer?

a) Hardware

b) Software

c) System Software

d) Package

# 18. Which of the following defines the assigned ordering among the characters used by the computer?

a) Accumulation

b) Sorting

c) Collating Sequence

d) Unicode

19. Which of the following storage is a system where a robotic arm will connect or disconnect off-line mass storage media according to the computer operating system demands?

a) Magnetic

b) Secondary

c) Virtual

d) Tertiary

20. Which of the following is known as the interval between the instant a computer makes a request for the transfer of data from a disk system to the primary storage and the instance the operation is completed?

a) Disk utilization time

b) Drive utilization time

c) Disk access time

d) Disk arrival time 🗸

21. Which of the following devices provides the communication between a computer and the outer world?

a) Compact b) I/O c) Drivers d) Storage



# 22. Which of the following are the input devices that enable direct data entry into a computer system from source documents?

a) System Access devices

b) Data acquiring devices

c) Data retrieving devices

d) Data Scanning devices

23. Which of the following is the device used for converting maps, pictures, and drawings into digital form for storage in computers?

a) Image Scanner

(b) Digitizer c) MICR

d) Scanner

24. Which of the following can access the server?

a) Web Client

(b) User

c) Web Browser

d) Web Server

25. Which of the following is known as the language made up of binary-coded instructions?

a) High level b) BASIC c) C

d) Machine