# COIMBATORE INSTITUTE OF TECHNOLOGY

(Government Aided Autonomous Institution)
(Affiliated to Anna University, Chennai & Approved by AICTE, New Delhi)
Established in 1956, A Unit of V.Rangasamy Naidu Educational Trust **CIVIL**
**AERODROME POST, COIMBATORE-641 014, TAMILNADU, INDIA**

# Criterion II – Teaching-Learning and Evaluation

## Key Indicator: 2.3 Teaching - Learning Process

*2.3.3. Preparation and adherence of Academic Calendar and Teaching plans by the institution*

## Contents

- Preparation and Adherence to Academic Calendar and Teaching Plans
- Institutional Planning and Approval
- Departmental Teaching Plans
- Continuous Monitoring and Feedback
- Scheduling and Resources
- Assessments and Audits
- Internal and External Audits

# WORK SCHEDULE

## COIMBATORE INSTITUTE OF TECHNOLOGY

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Established in 1956, A unit of V. Rangasamy Naidu Educational Trust
**CIVIL AERODROME POST, COIMBATORE - 641 014, TAMILNADU, INDIA**

CORRESPONDENT

**Thiru S. RAJIV RANGASAMI** M.Sc., MBA (USA)

PRINCIPAL IN-CHARGE

**Dr. A. RAJESWARI** M.E., Ph.D.,
08.02.2022
C/64

CIRCULAR

### WORK SCHEDULE FOR 2021-22 (ODD SEMESTER)

First Semester B.E /B.Tech., and M.Sc., (SS, DS, DCS and AIML)

| | | |
|---|---|---|
| Date of Opening | : | 26.10.2021 |
| Last Working Day | : | 09.03.2022 |
| First Mid-Semester Test | : | First week of Feb 2022 |
| Second Mid-Semester Test | : | Second week of March 2022 |

Sessional marks will be awarded by the respective faculty members on the basis of student's performance in Mid-Semester Tests, Assignments, Tutorials, Quiz, Seminars etc.,

Students are advised to be regular in attending the classes, in writing the Mid-Semester Tests and in submission of assignments etc.

**PRINCIPAL (I/c)**

Copy to
Dean – Students Affairs
Dean - Examination
All Heads of the Departments

14/02/2022

Tel : 0422 - 2574071, 2574072,
Fax : 0422 - 2573187 www.cit.edu.in

CORRESPONDENT

**Dr. S.R.K. PRASAD** D.Sc.,(USA)

PRINCIPAL

**Dr. V. SELLADURAI** M.E., Ph.D.,
FIE, FIIE, FIPE, Sr.M(ORSI),LM(SSI)

Ref :

Date 26.12.2019
C/142

## CIRCULAR

### WORK SCHEDULE FOR 2019-20 (EVEN SEMESTER)

**IV , VI & VIII Semester B.E / B.Tech**

**IV & VI & VIII Semester M.Sc. (S.S), (D.S),**

**IV & VI Semester M.Sc .(DCS), IV & VI Semester MCA and**

**II, IV & VI Semester Part time B.E.**

| | | |
|---|---|---|
| Date of Reopening | : | 09.12.2019 |
| Last Working Day | : | 04.04.2020 |
| First Mid-Semester Examinations | : | Second week of February 2020 |
| Second Mid-Semester Examinations | : | First week of April 2020 |

Sessional marks will be awarded by the respective faculty members on the basis of student's performance in Mid-Semester Examinations, Attendance and Assignments.

Students are advised to be regular in attending the classes, in writing the Mid-Semester Examinations and in submission of assignments etc.

PRINCIPAL

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Dean - Exam
All Head of the Departments
Admission

**Note:**

The following **Saturdays** will be working days to the Institute.

| Date | Time table | Reference |
|---|---|---|
| 04.01.2020 | Monday | As per Circular No. 49914 / J1 / 2019 dated 23.12.2019 from the Director of Technical Education, Chennai. |
| 11.01.2020 | Tuesday | |
| 25.01.2020 | Wednesday | |
| 01.02.2020 | Thursday | |
| 08.02.2020 | Friday | |
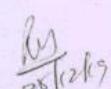
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CORRESPONDENT

**Dr. S.R.K. PRASAD** D.Sc.,(USA)

PRINCIPAL

**Dr. V. SELLADURAI** M.E., Ph.D.,

FIE, FIIE, FIPE, FORSI, LM(ISSE)

06.02.2020
C/142A

## CIRCULAR (REVISED)

### WORK SCHEDULE FOR 2019-20 (EVEN SEMESTER)

### IV Semester B.E / B.Tech and
### IV Semester M.Sc. (S.S), (D.S) & (DCS)

| | | |
|---|---|---|
| Date of Reopening | : | 09.12.2019 |
| Last Working Day | : | 13.04.2020 |
| First Mid-Semester Examinations | : | Second week of February 2020 |
| Second Mid-Semester Examinations | : | Second week of April 2020 |

Sessional marks will be awarded by the respective faculty members on the basis of student's performance in Mid-Semester Examinations, Attendance and Assignments.

Students are advised to be regular in attending the classes, in writing the Mid-Semester Examinations and in submission of assignments etc.

**PRINCIPAL**

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Dean - Exam
All Head of the Departments
Admission

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PRINCIPAL

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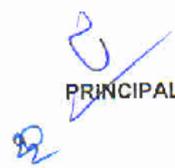FIE, FIIE, FIPE, FORSI, LM(ISSE)

21.01.2021
C/39

## CIRCULAR

## WORK SCHEDULE FOR 2020-21 (EVEN SEMESTER)

### VIII Semester B.E / B.Tech,

| | | |
|---|---|---|
| Date of Reopening | : | 16.12.2020 |
| Last Working Day | : | 20.04.2021 |
| First Mid-Semester Examinations | : | Second week of February 2021 |
| Second Mid-Semester Examinations | : | Second week of April 2021 |

Sessional marks will be awarded by the respective faculty members on the basis of student's performance in Mid-Semester Examinations, Attendance and Assignments.

Students are advised to be regular in attending the classes, in writing the Mid-Semester Examinations and in submission of assignments etc.

PRINCIPAL

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Admission

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Fax : 0422 - 2573187   www.cit.edu.in

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CORRESPONDENT

**Thiru S. RAJIV RANGASAMI** M.Sc., MBA (USA)

PRINCIPAL IN-CHARGE

**Dr. A. RAJESWARI** M.E., Ph.D.,

15.03.2022

C/81

## CIRCULAR

### WORK SCHEDULE FOR 2021-22 (EVEN SEMESTER)

IV,VI & VIII Semester B.E / B.Tech,
IV & VI , VIII & X Semester M.Sc. (S.S) (D.S),(DCS)
IV & VI Semester M.Sc .(AIML), IV & VI Semester MCA and
IV & VI Semester Part time B.E.

| | | |
|---|---|---|
| Date of Reopening | : | 25.02.2022 |
| Last Working Day | : | 21.06.2022 |
| First Mid-Semester Examinations | : | Last week of April 2022 |
| Second Mid-Semester Examinations | : | Third week of June 2022 |

Sessional marks will be awarded by the respective faculty members on the basis of student's performance in Mid-Semester Examinations, Attendance and Assignments.

Students are advised to be regular in attending the classes, in writing the Mid-Semester Examinations and in submission of assignments etc.

**PRINCIPAL (I/c)**

Copy to
    Dean – Students Affairs
    Dean - Examinations
    All Heads of the Departments

15/03/2022

**Adherence to Work Schedule**

Coimbatore Institute of Technology, Coimbatore 641 014
Department of Computer Science and Engineering
Mid-Semester I – Schedule

Programme : B.E CSE – Section I

Semester: VIII

AY: 2020- 2021 (EVEN)

Date: 27.01.2021

Hall No. Group A – M 311; Group B – M 313

| DATE | TIME | SUBJECT CODE / NAME | |
|------|------|---------------------|---|
| 08.02.2021 (Monday) | 2.25 PM To 4.25 PM | 15HSS02- INDUSTRIAL ECONOMICS AND CORPORATE MANAGEMENT **Dr Maheshwari** | |
| 09.02.2021 (Tuesday) | 2.25 PM To 4.25 PM | 15CI19- CRYPTOGRAPHY AND NETWORK SECURITY **Group A** **Mrs.S.Sangeetha Mariammal** | 15CI19- CRYPTOGRAPHY AND NETWORK SECURITY **Group B** **Mrs.Suruthi** |
| 10.02.2021 (Wednesday) | 2.25 PM To 4.25 PM | 15ITOE07- ENTERPRISE RESOURCE PLANNING CONCEPTS **Group A** **Mr.S.Ravisankar** | 15ITOE07- ENTERPRISE RESOURCE PLANNING CONCEPTS **Group B** **Ms.S.Saranya** |
| 11.02.2021 (Thursday) | 2.25 PM To 4.25 PM | 15CIE14 - WIRELESS SENSOR NETWORKS **Group A** **Mrs.M.Maranco** | 15CIE14 - WIRELESS SENSOR NETWORKS **Group B** **Mrs R.Pavithra** |
| 12.02.2021 (Friday) | 2.25 PM To 4.25 PM | 15CIE05 - DIGITAL FORENSICS **Group A** **Mrs.A.Punidha** | 15CIE05 - DIGITAL FORENSICS **Group B** **Mrs.S.Nithya** |

Prepared By
Mrs.G.Priyadharshini
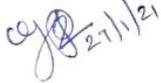
Signature of HOD

(Dr. A.Kunthavi)

**Teaching Plan**

<div align="center">

Coimbatore Institute of Technology
Coimbatore
Department of Information Technology
Lesson Plan / Course Information

</div>

| Course Code | Course Name | Contact Hours | | | |
|---|---|---|---|---|---|
| | | L | T | P | C |
| **19CI61** | **Artificial Intelligence** | 3 | 0 | 0 | 3 |

Name of the Faculty    : Dr.N.Geetha (Assistant Professor, Department of IT)
Time Slot           : Monday (9.00 AM to 9.55AM)
                     Wednesday (11:05 AM to 12.50 PM)

Faculty Cabin Details         : IT-121

1.                  **Course pre-requisites**      : NIL

1.  **Course learning objectives**     :
*Understanding and analysing problem solving methods, representing knowledge for reasoning in uncertainty and understanding different learning algorithms for decision making.*

1.   **Expected Level of Output**     : Conceptual and Design Level

1.   **Department Offered**       : Information Technology

1.  **Nature of the Course**         : Group 3 : 30 % Descriptive &
                                       70% Analytical

(Please choose any one)
        A. Group 1 – 100 % Descriptive                 B.Group 2–100% Analytical
        C. Group 3 –__% Descriptive & __%Analytical   D. Group 4 – Programming
        E. Group 5 – Practical                        F. Group 6 – Projects
        G. Group 7 –70 % Creative & 30 % Practical    H. Group 8 –
        I. Group 9 –

**Continuous Internal Assessment (CIA)**    : 25 Marks
**Semester End Examination (SEE)**       : 75 Marks

    6.  **Course Input**     :

| Module | Description | Text Book | Chapter | Instructional Hours | Level of Bloom's | CO mapping |
|---|---|---|---|---|---|---|
| | | | | | | |

## Coimbatore Institute of Technology
## Coimbatore
## Department of Information Technology
## Lesson Plan / Course Information

| e | | | | | Taxonomy | |
|---|---|---|---|---|---|---|
| | **Introduction** | | | | | |
| I | Foundation of AI - Agents and Environments- Concept of Rationality - Nature of Environments | T1 | 1 | 4 | U | CO1 |
| | Structure of Agents - Problem-Solving Agents and examples- Uninformed Search Strategies - Searching with Partial Information | T1 | 2,3 | 4 | A | |
| | **Search Techniques** | | | | | |
| II | Search Strategies: A* Search - Heuristic Functions - Local Search Algorithms and Optimization Problems | T1 | 3,4 | 3 | AP | CO2 |
| | Constraint Satisfaction Problems- Backtracking Search for CSPs - Local Search for Constraint Satisfaction Problems | T1 | 6 | 2 | U | |
| | Structure of Problems - Games - Optimal Decisions in Games - Alpha-Beta Pruning | T1 | 5,6 | 3 | AP | |
| III | **Knowledge and Reasoning** | | | | | |
| | Logic - Propositional Logic- Syntax and Semantics of First-Order Logic - Using First-Order Logic - Knowledge Engineering in First-Order Logic - Propositional vs. First-Order. | T1 | 7,8,9 | 5 | AP | CO3 |

| | | | | | |
|---|---|---|---|---|---|
| | Forward Chaining - Backward Chaining -Resolution | T1 | 9 | 3 | AP | |
| **Uncertain Knowledge and Reasoning** | | | | | | |
| IV | Acting under uncertainty-Bayes' Rule and Its Use - Representing Knowledge in an Uncertain Domain | T1 | 13 | 2 | U | CO4 |
| | The Semantics of Bayesian Networks-Exact inference in Bayesian Network-Approximate Inference in Bayesian Networks. | T1 | 14 | 4 | AP | |
| | Hidden Markov Models-Kalman Filters | T1 | 15 | 3 | U | |
| **Learning** | | | | | | |
| V | Forms of Learning - Learning Decision Trees – Artificial Neural Networks-Ensemble Learning | T1 | 18 | 3 | | |
| | Logical Formulation of Learning - Knowledge in Learning - Explanation-Based Learning | T1 | 19 | 3 | U | C05 |
| | Learning Using Relevance Information - Inductive Logic Programming - Statistical Learning | T1 | 19,20 | 3 | | |
| | Learning with Complete Data - EM Algorithm - Passive Reinforcement Learning - Active Reinforcement Learning. | T1 | 20,21 | 3 | | |

**Total hours: 45 hours**

**Bloom's Legends:**
 **R**-Remembering          **U**-Understanding          **AP**-Applying

**A**-Analyzing          **C**-Creating               **E** – Evaluating

**TEXT BOOKS:**

**T1.** Stuart J Russell and Peter Norvig, "Artificial Intelligence- A Modern Approach", Pearson Education Series, Third Edition, 2010.

**REFERENCES:**

**R1**. Deepak Khemani,"A First Course in Artificial Intelligence", Mc Graw Hill Education,First Edition,2017.

**R2**. Dan W. Patterson "Introduction to AI and ES", Pearson Education,First Edition, 2007

**R3**. Patrick Henry Winston, "Artificial Intelligence", Addison Wesley publishers, Third Edition, 1992.

**R4.** Elaine Rich, Kevin Knight and Shivashankar, "Artificial Intelligence", McGraw Hill, Third Edition, 2009

7.  **Expected outcome of the course:**
    **Upon completion of the course, students shall have ability to**

| CO1 | *Illustrate real world problems from the perspective of intelligent agents to achieve problem oriented goal.* | [U][A] |
|---|---|---|
| CO2 | *Apply various informed search strategies in optimal decision making.* | [U][AP] |
| C03 | *Employ first order logic for building knowledge base to infer reasoning using knowledge engineering.* | [AP] |
| C04 | *Describe representation of uncertain knowledge,Bayesian Networks and Temporal models.* | [U][AP] |
| C05 | *Describe several learning algorithms to improve the performance of intelligent agents.* | [U] |

8.  **Mapping course outcome with Bloom's Taxonomy LOT and HOT:**

|      | R | U | AP | A | C | E |
|------|---|---|----|---|---|---|
| CO1  |   | √ |    | √ |   |   |
| CO2  |   | √ | √  |   |   |   |
| CO3  |   |   | √  |   |   |   |
| CO4  |   | √ | √  |   |   |   |
| CO5  |   | √ |    |   |   |   |

## 9. Mapping course outcome with programme outcomes:

|     | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 | PO11 | PO12 |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|
| CO1 | √   | √   | √   | √   | √   |     |     |     | √   |      |      |      |
| CO2 | √   | √   |     | √   | √   |     |     |     | √   |      |      |      |
| CO3 | √   | √   |     |     | √   |     |     |     |     |      |      |      |
| CO4 | √   |     | √   | √   |     |     |     |     |     |      |      | √    |
| CO5 | √   |     |     | √   |     |     |     |     | √   |      |      | √    |

## 10.Course assessment methods:

| Continuous Assessment    | 15 marks  |
|--------------------------|-----------|
| Assignment & Tutorials   | 10 marks  |
| End semester examination | 75 marks  |
| Total                    | 100 marks |

*if any changes in the assessment will be intimated in the class

**Coimbatore Institute of Technology, Coimbatore**
**Department of Computer Science and Engineering**
**Lesson Plan / Course Information**

| Course Code | Course Name | Contact Hours | | | |
|---|---|---|---|---|---|
| | | L | T | P | C |
| **15CI08** | **Data Communications** | 3 | 0 | 0 | 3 |

**Name of the Faculty** : A.Priyadharshini

**Time Slot** : Monday – 5th hour(01.30 pm–2.25pm)
Tuesday - 1st hour (08.30 am – 9.25am)
Wednesday – 2nd hour (9.25 am – 10.20 am)

**Faculty Cabin Details** : IT - 118

1. **Course pre-requisites** : NIL

2. **Course learning objectives** :

*To understand the fundamentals of data communication technologies and standards. To acquire knowledge on wired and wireless environment and technologies used in it.*

3. **Expected Level of Output** : Conceptual And Design Level

4. **Department Offered** : **Computer Science and Engineering**

5. **Nature of the Course** : Group 3 : 50% Descriptive & 50%Analytical

**Continuous Internal Assessment (CIA)** : 25 Marks
**Semester End Examination (SEE)** : 75 Marks

6. **Course Input :**

| Module | Description | Text Book | Chapter | Instructional Hours | Level of Bloom's Taxonomy | CO mapping |
|---|---|---|---|---|---|---|
| | **ANALOG AND DIGITAL TRANSMISSION** | | | | | |
| I | Overview of analog and digital signals | 1 | 3 | 2 | U | CO1 |
| | Transmission impairments – Data Rate Limits – Performance | 1 | 3 | 2 | U | |
| | Digital coding Schemes: Line Coding, Block Coding | 1 | 4 | 2 | U | |
| | Pulse-code modulation, Delta modulation | 1 | 4 | 2 | U | |
| | Frequency-shift keying, Phase-shift keying modulation, | 1 | 5 | 2 | U | |

| | | | | | |
|---|---|---|---|---|---|
| | Quadrature amplitude modulation | | | | |
| | Amplitude modulation, frequency modulation, Phase modulation | 1 | 5 | 2 | U | |
| | **BANDWIDTH UTILIZATION AND SWITHING** | | | | |
| II | Multiplexing: Frequency-Division, Wavelength-Division, Time-Division Multiplexing | 1 | 6 | 2 | U & A | CO2 |
| | Spread Spectrum: Frequency Hopping Spread spectrum, direct sequence Spread spectrum | 1 | 6 | 2 | U & A | |
| | Transmission Media: Guided, Unguided Media | 1 | 7 | 1 | U | |
| | Switching: Circuit Switching, Packet Switching – Space division switches, Time division switches | 1 | 8 | 3 | U & AP | |
| | **ERROR DETECTION AND CORRECTION** | | | | |
| III | Types of Errors – Block Coding | 1 | 10 | 2 | U | CO3 |
| | Hamming distance, Parity Check code | 1 | 10 | 2 | U & E | |
| | Cyclic Codes: Cyclic Redundancy Check | 1 | 10 | 3 | U & E | |
| | Checksum: One's Complement addition – Forward Error Correction | 1 | 10 | 2 | U & E | |
| | **WIRED COMMUNICATION** | | | | |
| IV | Telephone Networks: Components, LATAs, Signaling, SS7 | 1 | 14 | 2 | U | CO4 |
| | Dial-up Service, Digital Subscriber Line | 1 | 14 | 1 | U | |
| | Cable TV Networks | 1 | 14 | 1 | U | |
| | SONET: Architecture, STS-1 Frame Format | 1 | 14 | 3 | U | |
| | ATM: Architecture, Cell format | 1 | 14 | 2 | U | |
| | **WIRELESS COMMUNICATION** | | | | |
| V | Cellular Telephony: Operations | 1 | 16 | 1 | U | CO5 |
| | First generation (1G): AMPS- Second generation (2G): GSM, IS-95 | 1 | 16 | 2 | U | |

| Third generation (3G): IMT-2000-Introduction to 4G | 1 | 16 | 2 | U | |
|---|---|---|---|---|---|
| Satellite Communications: Operations, GEO, MEO, LEO Satellite Systems | 1 | 16 | 2 | U & A | |

**Total hours: 45 hours**

**Bloom's Legends:**

R-Remembering      U-Understanding      AP-Applying
A-Analyzing      C-Creating      E – Evaluating

**TEXT BOOKS:**

1. Behrouz A Forouzan, "Data Communication & Networks", McGraw Hill, 5th Edition, 2013.

**REFERENCES:**

1. William Stallings, "Data & Computer Communications", Pearson Education, 8th edition, 2013.

2. Wayne Tomasi , "Introduction to Data Communications and Networking", Pearson, 1st edition, 2009

7. **Expected outcome of the course:**
   **Upon completion of the course, students shall have ability to**

| CO1 | Summarize different analog and digital transmission techniques | [U] |
|---|---|---|
| CO2 | Discuss the types of Multiplexing and switching techniques for Data Communication | [AP][U] |
| CO3 | Apply various error detection and correction mechanisms to maintain the data accuracy | [U][E] |
| CO4 | Describe the various technologies used in wired networks with their applications | [U] |
| CO5 | Explain the different generations of cellular networks and various Satellite Communication | [U][A] |

8. **Mapping course outcome with Bloom's Taxonomy LOT and HOT:**

| | R | U | AP | A | C | E |
|---|---|---|---|---|---|---|
| CO1 | | √ | | | | |
| CO2 | | √ | √ | | | |

| | | | | | |
|------|---|---|---|---|---|
| CO3 | | √ | | | √ |
| CO4 | | √ | | | |
| CO5 | | √ | | √ | |

9. **Mapping course outcome with programme outcomes:**

| | a | b | c | d | e | f | g | h | i | j | k |
|-----|---|---|---|---|---|---|---|---|---|---|---|
| CO1 | | 3 | | 2 | 2 | | | | | | |
| CO2 | 3 | 2 | | | 2 | | | | | | |
| CO3 | | 3 | | | | | | | | | |
| CO4 | 3 | 2 | 2 | 2 | 2 | | | | | | |
| CO5 | | 3 | 3 | | | 3 | 3 | | 3 | | |

10. **Course assessment methods:**

| Continuous Assessment | 15 marks |
|------------------------|----------|
| Tutorials/Tests/Coding | 5 marks |
| Assignment | 5 marks |
| End semester examination | 75 marks |
| Total | 100 marks |
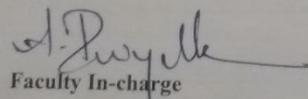
**Faculty In-charge**

**(Mrs.A.Priyadharshini)**
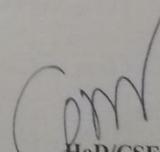
**HoD/CSE**

Dr G.KOUSALYA
(Dr.G.Kousalya)
Professor & Head
Department of Computer Science
and Engineering
Coimbatore Institute of Technology
Coimbatore-641014

Project Review Schedules

**Coimbatore Institute of Technology, Coimbatore-14**
**Department of CSE**
**Main Project Review**

Class:IV-B.E-CSE(Section-II)                Semester-8                AY:2018-2019

| S.No | Roll No | Student Names | Date | Reviewer's Name/Signature | Guide/Signature | Venue |
|---|---|---|---|---|---|---|
| 1. | 15 05 090<br>15 05 119<br>15 05 096<br>15 05 107 | MATHAN KUMAR.M.<br>TRIDEV SHASHI KASHYAP<br>NISHOR.P.B.<br>RAJESH KUMAR.D | 1/2/2019<br>15-02-2019<br>01/03/2019<br>15/03/2019<br>29/03/2019<br>12/04/2019<br>Friday(FN) | Dr.G.Kousalya<br>Mr.T.Ramraj | Dr.R.Prabhakar | L-103 |
| 2. | 15 05 078<br>15 05 067<br>15 05 120 | HARIPRIYA.M<br>AISHWARIYA.S.<br>VINODHA.M. | 1/2/2019<br>15-02-2019<br>01/03/2019<br>15/03/2019<br>29/03/2019<br>12/04/2019<br>Friday(FN) | Dr.G.Kousalya<br>Mr.T.Ramraj | Mrs.S.P.Abirami | L-103 |
| 3. | 16 05 223<br>15 05 116<br>15 05 094 | SANTHI.R.<br>SUJITHA.G.<br>NANDHINI.K. | 1/2/2019<br>15-02-2019<br>01/03/2019<br>15/03/2019<br>29/03/2019<br>12/04/2019<br>Friday(FN) | Dr.G.Kousalya<br>Mr.T.Ramraj | Mr.B.Arunkumar | L-103 |
| 4. | 15 05 108<br>15 05 110<br>16 05 218<br>16 05 227 | RAJINSHA.S.<br>RUDHRADHARSHINI.A.<br>KEERTHANA.B.<br>VANIPRIYA.M. | 1/2/2019<br>15-02-2019<br>01/03/2019<br>15/03/2019<br>29/03/2019<br>12/04/2019<br>Friday(FN) | Dr.G.Kousalya<br>Mr.T.Ramraj | Mrs.A.Punidha | L-103 |
| 5. | 15 05 088<br>15 05 080<br>15 05 081 | MADHUMITHA.V.S.<br>HARITHA.A.<br>KALAIVANI.G. | 28-01-2019<br>11-02-2019<br>25-02-2019<br>11-03-2019<br>25-03-2019<br>08-04-2019 | Mrs.D.Mohana<br>Dr.K.Amshakala | Dr.G.Kousalya | L-103 |

| | | | Monday(AN) | | | |
|---|---|---|---|---|---|---|
| **6** | 15 05 083<br><br>15 05 097<br><br>15 05 115<br><br>15 05 118 | KARTHIK PRABU.R.<br><br>NOOR MOHAMED.J.<br><br>SUJITH.M.<br><br>SURESH KUMAR.P. | 28-01-2019<br>11-02-2019<br>25-02-2019<br>11-03-2019<br>25-03-2019<br>08-04-2019<br>Monday(AN) | Mrs.D.Mohana<br><br>Dr.K.Amshakala | Mr.S.Ravisankar | L-103 |
| 7. | 15 05 073<br><br>15 05 105<br><br>15 05 101 | DIVAINA.K.<br><br>PRIYADHARSHINI.L.<br><br>POOJA.V. | 28-01-2019<br>11-02-2019<br>25-02-2019<br>11-03-2019<br>25-03-2019<br>08-04-2019<br>Monday(AN) | Mrs.D.Mohana<br><br>Dr.K.Amshakala | Mrs.S.SaranyaRubini | L-103 |
| 8. | 15 05 066<br><br>15 05 093<br><br>16 05 228<br><br>15 05 076 | ADITHIYA GURU PATHAM.V.<br><br>MURALI PRASAD, M.<br><br>VIJAYAKUMAR.G.<br><br>GOKUL.V. | 28-01-2019<br>11-02-2019<br>25-02-2019<br>11-03-2019<br>25-03-2019<br>08-04-2019<br>Monday(AN) | Mrs.D.Mohana<br><br>Dr.K.Amshakala | Mrs.S.Sangeetha Mariammal | L-103 |
| 9. | 15 05 122<br><br>15 05 092<br><br>16 05 219<br><br>15 05 095 | VIVEK.P.<br><br>MOHAMED ARRUMAN SHALIK.A.M.<br><br>KULANDAISAMY.K.A.<br><br>NIDHEESH.B. | 28-01-2019<br>11-02-2019<br>25-02-2019<br>11-03-2019<br>25-03-2019<br>08-04-2019<br>Monday(AN) | Dr.Nedunchezhian<br>Dr.Mohanapriya | Mrs.D.Mohana | IT-443 |
| 10. | 15 05 070 | ASHWIN SAI.C. | 28-01-2019<br>11-02-2019 | Dr.Nedunchezhian<br>Dr.Mohanapriya | Ms.N.Gayathriy | IT-443 |

**Class:IV-B.E-CSE(Section-II)**          **Semester-8**          **AY:2018-2019**

| | | | | | | |
|---|---|---|---|---|---|---|
| | 15 05 069 | ALLWYN RAJA PANNEERSELVAM | 25-02-2019 11-03-2019 25-03-2019 08-04-2019 Monday(AN) | | | |
| | 15 05 084 | KARTHIK SRINIVAS.K. | | | | |
| | 15 05 079 | HARI SHANKAR.G. | | | | |
| 11. | 15 05 068 | AKALYA.K. | 28-01-2019 11-02-2019 25-02-2019 11-03-2019 25-03-2019 08-04-2019 Monday(AN) | Dr.Nedunchezhian Dr.Mohanapriya | Mrs.K.Sathya | IT-443 |
| | 15 05 063 | ABINAYA.K. | | | | |
| | 15 05 112 | SIVARANJANI.A. | | | | |
| | 15 05 091 | MEDHA RAVI GOJE | | | | |
| 12. | 15 05 086 | KISHORE.M. | 1/2/2019 15-02-2019 01/03/2019 15/03/2019 29/03/2019 12/04/2019 Friday(FN) | Prof.K.S.Palanisamy Dr.Kumudha Mrs.A.Priyadharshini | Mr.A.N.Senthilvel | IT-443 |
| | 15 05 117 | SURENDER.M. | | | | |
| | 16 05 226 | SUDHAKAR.L. | | | | |
| | 15 05 065 | ABISHEK.K.B. | | | | |
| 13. | 15 05 113 | SRUTHI.S. | 1/2/2019 15-02-2019 01/03/2019 15/03/2019 29/03/2019 12/04/2019 Friday(FN) | Prof.K.S.Palanisamy Dr.Kumudha Mrs.A.Priyadharshini | Mrs.R.Pavithra | IT-443 |
| | 15 05 074 | DIVYA.D. | | | | |
| | 15 05 071 | ASWATHI.M | | | | |
| 14. | 16 05 230 | VIVEK KUMAR.N. | 1/2/2019 15-02-2019 01/03/2019 15/03/2019 29/03/2019 12/04/2019 Friday(FN) | Prof.K.S.Palanisamy Dr.Kumudha Mrs.A.Priyadharshini | Mr.M.Maranco | IT-443 |
| | 16 05 222 | MOHAMED SHAFEEK.A. | | | | |
| | 16 05 216 | HARISHKUMAR.S. | | | | |
| | 15 05 123 | YOKESH .K | | | | |

| | | | | | | |
|---|---|---|---|---|---|---|
| 15. | 15 05 111 | SANJAY.S. | 1/2/2019 15-02-2019 01/03/2019 15/03/2019 29/03/2019 12/04/2019 Friday(FN) | Prof.K.S.Palanisamy Dr.Kumudha Mrs.A.Priyadharshini | Dr.P.Kumudha | IT-443 |
| | 15 05 102 | PRADEEP ESWAR.A. | | | | |
| | 15 05 121 | VINU.J. | | | | |
| | 16 05 217 | KARVENDHAN.G. | | | | |
| 16. | 15 05 075 | DIVYA.R. | 28-01-2019 11-02-2019 25-02-2019 11-03-2019 25-03-2019 08-04-2019 Monday(AN) | Dr.A.Kunthavai Dr.A.N.Senthilvel | Mr.T.Ramraj | L-315 |
| | 15 05 064 | ABINAYA.S. | | | | |
| | 15 05 103 | PRASHANTH ARAVIND.R. | | | | |
| 17. | 15 05 072 | DAYANA.P. | 28-01-2019 11-02-2019 25-02-2019 11-03-2019 25-03-2019 08-04-2019 Monday(AN) | Dr.A.Kunthavai Dr.A.N.Senthilvel | Mrs.R.Saveeth | L-315 |
| | 15 05 085 | KEERTHANA.K. | | | | |
| | 15 05 089 | MANKAIYARKARASI.N. | | | | |
| | 15 05 109 | RENUGANTHAN.M. | | | | |
| 18. | 15 05 099 | POOJA BHAGYALAKSHMI.P. | 28-01-2019 11-02-2019 25-02-2019 11-03-2019 25-03-2019 08-04-2019 Monday(AN) | Dr.A.Kunthavai Dr.A.N.Senthilvel | Smt.A.Priyadharshini | L-315 |
| | 15 05 100 | POOJA NANDHINI.V. | | | | |
| | 15 05 104 | PREETHA.J. | | | | |

**Coimbatore Institute of Technology, Coimbatore – 14.**
**Department of Computer Science and Engineering**

Academic Year        : 2019-2020
Class                : Final Year B.E. CSE Sec -2
Semester             :VII
Subject code/Name    : 15CS17 – Compiler Laboratory
Staff – Incharges    : Mr.M.Ramraj
                       Ms.S.Sangeetha Mariammal
                       Mr.B.Arunkumar

## COURSE PLAN

Regular Lab Timings

| BATCH | DAY | TIME |
|---|---|---|
| I | Monday | 01.30PM – 04.15 PM |
| II | Wednesday | 09.25AM – 12.25 PM |

The following is the procedure to be followed in the **Continuous Assessment Scheme (CAS)** for the academic year 2019 – 2020

1. The marks are awarded as given below:

        Lab – CAT Exams (1 & 2)    = 60
        Assignments                = 30
        Record & Observation       = 10

                  Total   = 100

2. **Attendance for test is mandatory for pass. Attendance Maintained Should be above 75% to write CAT I and II.**

If any changes in the above schedule, will be informed in the class.

## Lab Programs

### CAT I Portions

1. Study Exercises using LEX Tools
2. Programs using LEX Tool
3. Construct NFA from Regular Expression
4. Conversion of NFA to DFA
5. Recognition of Strings from DFA

### CAT II Portions

6. Study Exercises using YACC Tools
7. Programs using LEX and YACC Tool
8. Implementation of any one Top Down parsing Technique.
9. Implementation of any one Bottom down parsing Technique.
10. Design of a simple compiler for the given grammar.

**CAT I Tentative Schedule** - Last Week of July

[S. Sangeetha Manammal]

[B. Arunkumar]

[T. Ramaj]
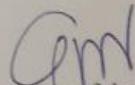
Signature of the HOD

Head of the Department
Department of CSE
Coimbatore Institute of Technology
Coimbatore-641014

Pg 2