



# Indra Ganesan

## COLLEGE OF ENGINEERING

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

Accredited by NAAC with 'B+' Grade, 2(f) & 12B Status Institution by UGC

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

# NAAC DOCUMENTS

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## QUALITY INDICATOR FRAME WORK

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### CRITERION – 2

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## TEACHING-LEARNING AND EVALUATION

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SUBMITTED BY

# IQAC

INTERNAL QUALITY ASSURANCE CELL

## INDRA GANESAN COLLEGE OF ENGINEERING





|                   |   |            |
|-------------------|---|------------|
| <b>Criteria 2</b> | <b>Teaching-Learning and Evaluation</b> | <b>350</b> |
|-------------------|---|------------|

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

**2019-2020**

**COMPUTER SCIENCE AND ENGINEERING**  
**PROBLEM SOLVING**

| <b>Activity</b>                | <b>Number of Students Attended</b> | <b>Page No</b> |
|--------------------------------|------------------------------------|----------------|
| <b>Tutorial</b>                | <b>20</b>                          | <b>3</b>       |
| <b>TOTAL STUDENTS ATTENDED</b> | <b>20</b>                          |                |



|                   |   |            |
|-------------------|---|------------|
| <b>Criteria 2</b> | <b>Teaching-Learning and Evaluation</b> | <b>350</b> |
|-------------------|---|------------|

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

**2019-2020**

**COMPUTER SCIENCE AND ENGINEERING**  
**PROBLEM SOLVING**  
**TUTORIAL**



# Indra Ganesan

**COLLEGE OF ENGINEERING**

Madurai Main Road (NH-45B), Manikandam, Tiruchirapalli- 620 012  
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

Academic Year 2019-2020

## Problem Solving Method

### List of the students

| SL.NO | Reg.No       | Name              | Year/Sem | Learning Method |
|-------|--------------|-------------------|----------|-----------------|
| 1.    | 811217104001 | Aarthi J          | II/III   | Compiler Design |
| 2.    | 811217104002 | Deepika N         | II/III   |                 |
| 3.    | 811217104003 | Dhanalakshmi R    | II/III   |                 |
| 4.    | 811217104004 | Goadhar Fathima S | II/III   |                 |
| 5.    | 811217104005 | Gowtham Raaj K    | II/III   |                 |
| 6.    | 811217104007 | Jeya Pratha A     | II/III   |                 |
| 7.    | 811217104008 | Jickson S         | II/III   |                 |
| 8.    | 811217104009 | Kamatchi V        | II/III   |                 |
| 9.    | 811217104010 | Kokila V          | II/III   |                 |
| 10.   | 811217104011 | Lakshmi Priya M   | II/III   |                 |
| 11.   | 811217104012 | Naveen R          | II/III   |                 |
| 12.   | 811217104013 | Panneer Selvam R  | II/III   |                 |
| 13.   | 811217104014 | Princy Deepa X    | II/III   |                 |
| 14.   | 811217104015 | Raghul L          | II/III   |                 |
| 15.   | 811217104016 | Salma Banu M      | II/III   |                 |
| 16.   | 811217104017 | Seebika M         | II/III   |                 |
| 17.   | 811217104019 | Siva Sankari S    | II/III   |                 |
| 18.   | 811217104020 | Swathi M          | II/III   |                 |
| 19.   | 811217104022 | Vasuki M          | II/III   |                 |
| 20.   | 811217104023 | Yogesh Kannan P H | II/III   |                 |

Signature of the Faculty Incharge

Hod/CSE

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

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

**INDRA GANESAN COLLEGE OF ENGINEERING**  
IG Valley, Manikandam, Tiruchirappalli, Tamil Nadu – 620 012, India  
(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25)

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**Tutorial Answer Sheet**

Name of the Student : R. NAVEEN


AU Register Number: 811217104012

|               |        |                  |                 |                     |            |    |
|---------------|--------|------------------|-----------------|---------------------|------------|----|
| Tutorial – 01 |        |                  | Date of Issue:  | 12.02.2020          | Marks      | 10 |
| Course code   | CS8602 | Course Title     | Compiler Design |                     |            |    |
| Year          | III    | Semester/Section | VI              | Date of Submission: | 18.02.2022 |    |


| Q.No | Questions   | CO     |
|------|---|--------|
| 1    | i) Show how the DFA is directly converted from an augmented regular expression $(\epsilon/a)b^*$<br>ii) Draw NFA for the regular expression $ab^*/ab$ | C313.2 |

**Mark Allocation**

| Rubrics                  | Marks Allocated | Marks obtained |
|--------------------------|-----------------|----------------|
| Problem solving approach | 6               | 5              |
| Correctness of Answer    | 2               | 2              |
| Timely submission        | 2               | 1              |
| Total marks              | 10              | 8              |

  
Name and Signature of the Faculty Incharge

  
HoD/CSE

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

# INDRA GANESAN COLLEGE OF ENGINEERING

IG Valley, Manikandam, Tiruchirappalli, Tamil Nadu – 620 012, India  
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## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### Tutorial Answer Sheet

Name of the Student : Deepika N

AU Register Number: 811217104002


|               |        |                  |                 |                     |            |    |
|---------------|--------|------------------|-----------------|---------------------|------------|----|
| Tutorial – 01 |        |                  | Date of Issue:  | 12.02.2020          | Marks      | 10 |
| Course code   | CS8602 | Course Title     | Compiler Design |                     |            |    |
| Year          | III    | Semester/Section | VI              | Date of Submission: | 18.02.2022 |    |

| Q.No | Questions   | CO     |
|------|---|--------|
| 1    | i) Show how the DFA is directly converted from an augmented regular expression $(\epsilon/a)b^*$<br>ii) Draw NFA for the regular expression $ab^*/ab$ | C313.2 |

### Mark Allocation

| Rubrics                  | Marks Allocated | Marks obtained |
|--------------------------|-----------------|----------------|
| Problem solving approach | 6               | 3              |
| Correctness of Answer    | 2               | 1              |
| Timely submission        | 2               | 1              |
| Total marks              | 10              | 5              |

Name and Signature of the Faculty Incharge

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