



Reg.No. 811412106037/RG



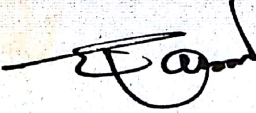
*The Syndicate of the Anna University hereby makes known that*  
**MEENATCHISUNDARAM G** *has been admitted to the* **DEGREE OF**  
**BACHELOR OF ENGINEERING** *in* **ELECTRONICS AND**  
**COMMUNICATION ENGINEERING** *under the Faculty of*  
*Information and Communication Engineering, having completed the*  
*prescribed programme of study and having been certified by the duly appointed*  
*examiners to be qualified to receive the same, and has been placed in* **SECOND**  
**CLASS** *at the Examination held in* **APRIL 2017** .

*Given under the Seal of the University*



Chennai 600 025  
India  
June 2018

  
Controller of Examinations

  
Registrar

  
Vice-Chancellor

# ANNA UNIVERSITY

CHENNAI - 600 025



## PROVISIONAL CERTIFICATE

Folio No.: AUU1487591

This is to certify that the following candidate has qualified for the award of Degree as detailed below:

Name : MEENATCHISUNDARAM G

Registration Number : 811412106037

Degree : B.E.

Branch/Specialization : Electronics and Communication Engineering

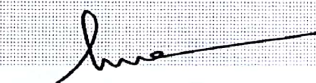
Month and Year of Passing: April 2017

Classification : SECOND CLASS

Chennai - 600 025.

Date : 28/08/2017

M1171313028220G

  
Controller of Examinations



# ANNA UNIVERSITY, CHENNAI - 600 025

## B.E. DEGREE EXAMINATIONS

### CONSOLIDATED STATEMENT OF GRADES

Folio No. AUU1487591  
M1171313028220G



| NAME OF THE CANDIDATE |             | MEENATCHISUNDARAM G                                    |   |    |    |                         | GENDER                                |             | 811412106037                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |   | REGULATIONS           |          | 2008                    |  |
|-----------------------|-------------|--------------------------------------------------------|---|----|----|-------------------------|---------------------------------------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|-----------------------|----------|-------------------------|--|
| COLLEGE OF STUDY      |             | JAYARAM COLLEGE OF ENGINEERING AND TECHNOLOGY          |   |    |    |                         | MONTH & YEAR OF LAST APPEARANCE       |             | MALE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |   | DATE OF BIRTH         |          | 18-MAY-94               |  |
| PROGRAMME & BRANCH    |             | B.E. Electronics and Communication Engineering         |   |    |    |                         | MONTH & YEAR OF PASSING               |             | April 2017                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |   | MEDIUM OF INSTRUCTION |          | English                 |  |
| SEM                   | COURSE CODE | COURSE TITLE                                           | C | LG | GP | MONTH & YEAR OF PASSING | SEM                                   | COURSE CODE | COURSE TITLE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | C | LG                    | GP       | MONTH & YEAR OF PASSING |  |
| 01                    | CY2111      | Engineering Chemistry - I                              | 3 | E  | 5  | APR 2016                | 05                                    | EC2304      | Microprocessors and Microcontrollers<br>Transmission Lines and Wave Guides<br>Environmental Science and Engineering<br>Digital Signal Processing Lab<br>Communication Systems Lab<br>Microprocessor and Microcontroller Lab<br>Measurements and Instrumentation<br>Computer Networks<br>Antenna and Wave Propagation<br>VLSI Design<br>Principles of Management<br>Medical Electronics<br>Computer Networks Lab<br>VLSI Design Lab<br>Communication Skills Laboratory<br>Wireless Communication<br>Optical Communication and Networking<br>RF and Microwave Engineering<br>High Speed Networks<br>Digital Image Processing<br>Cryptography and Network Security<br>Electronics System Design Lab<br>Optical & Microwave Lab<br>Satellite Communication<br>Mobile Adhoc Networks<br>Project Work | 4 | E                     | 5        | NOV 2014                |  |
| 01                    | GE2111      | Engineering Graphics                                   | 5 | C  | 7  | JAN 2013                | 05                                    | EC2305      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 4 | E                     | 5        | APR 2016                |  |
| 01                    | GE2112      | Fundamentals of Computing and Programming              | 3 | C  | 5  | APR 2013                | 05                                    | GE2021      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 3 | E                     | 5        | NOV 2014                |  |
| 01                    | HS2111      | Technical English - I                                  | 4 | E  | 5  | APR 2017                | 05                                    | EC2306      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2 | B                     | 8        | NOV 2014                |  |
| 01                    | MA2111      | Mathematics - I                                        | 3 | E  | 5  | JAN 2013                | 06                                    | EC2307      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2 | S                     | 10       | NOV 2014                |  |
| 01                    | PH2111      | Engineering Physics - I                                | 2 | S  | 10 | JAN 2013                | 06                                    | EC2308      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2 | C                     | 7        | NOV 2014                |  |
| 01                    | GE2115      | Computer Practice Laboratory - I                       | 2 | B  | 8  | APR 2013                | 06                                    | EC2351      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 3 | E                     | 5        | APR 2016                |  |
| 01                    | GE2116      | Engineering Practices Laboratory                       | 3 | E  | 5  | APR 2013                | 06                                    | EC2352      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 3 | C                     | 7        | APR 2015                |  |
| 02                    | CY2161      | Engineering Chemistry - II                             | 4 | E  | 5  | APR 2013                | 06                                    | EC2353      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 4 | E                     | 5        | APR 2015                |  |
| 02                    | EC2151      | Electric Circuits and Electron Devices                 | 4 | E  | 5  | APR 2013                | 06                                    | EC2354      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 3 | E                     | 5        | APR 2016                |  |
| 02                    | GE2152      | Basic Civil & Mechanical Engineering                   | 4 | E  | 5  | APR 2013                | 06                                    | MG2351      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 3 | E                     | 5        | APR 2015                |  |
| 02                    | HS2161      | Technical English - II                                 | 4 | E  | 5  | APR 2017                | 06                                    | EC2021      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 3 | E                     | 5        | APR 2015                |  |
| 02                    | MA2161      | Mathematics - II                                       | 4 | E  | 5  | APR 2013                | 06                                    | EC2356      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2 | B                     | 8        | APR 2015                |  |
| 02                    | PH2161      | Engineering Physics - II                               | 3 | E  | 5  | APR 2013                | 06                                    | EC2357      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2 | C                     | 7        | APR 2015                |  |
| 02                    | EC2155      | Circuits and Devices Laboratory                        | 2 | D  | 6  | NOV 2013                | 07                                    | GE2321      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2 | C                     | 7        | APR 2015                |  |
| 02                    | GE2155      | Computer Practice Laboratory - II                      | 2 | C  | 7  | APR 2013                | 07                                    | EC2401      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2 | C                     | 7        | APR 2015                |  |
| 02                    | GS2165      | Physics and Chemistry Laboratory                       | 2 | C  | 7  | NOV 2016                | 07                                    | EC2402      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 3 | E                     | 5        | NOV 2016                |  |
| 03                    | EC2201      | Electrical Engineering                                 | 3 | E  | 5  | APR 2014                | 07                                    | CS2060      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 3 | E                     | 5        | APR 2016                |  |
| 03                    | EC2202      | Data Structures and Object Oriented Programming in C++ | 3 | E  | 5  | APR 2014                | 07                                    | EC2069      | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | E | 5                     | NOV 2015 |                         |  |
| 03                    | EC2203      | Digital Electronics                                    | 4 | E  | 5  | NOV 2016                | 07                                    | EC2029      | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | E | 5                     | APR 2016 |                         |  |
| 03                    | EC2204      | Signals and Systems                                    | 4 | E  | 5  | NOV 2015                | 07                                    | EC2035      | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | E | 5                     | NOV 2016 |                         |  |
| 03                    | EC2205      | Electronic Circuits - I                                | 4 | E  | 5  | NOV 2016                | 07                                    | EC2404      | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | E | 5                     | NOV 2016 |                         |  |
| 03                    | MA2211      | Transforms and Partial Differential Equations          | 4 | E  | 5  | NOV 2013                | 07                                    | EC2405      | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | A | 9                     | NOV 2015 |                         |  |
| 03                    | EC2207      | Digital Electronics Lab                                | 2 | C  | 7  | NOV 2013                | 08                                    | EC2045      | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | B | 8                     | NOV 2015 |                         |  |
| 03                    | EC2208      | Electronics Circuits Lab - I                           | 2 | C  | 7  | NOV 2013                | 08                                    | EC2050      | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | E | 5                     | APR 2016 |                         |  |
| 03                    | EC2209      | Data Structures and Object Oriented Programming Lab    | 2 | B  | 8  | NOV 2013                | 08                                    | EC2451      | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | E | 5                     | NOV 2016 |                         |  |
| 04                    | EC2251      | Electronics Circuits II                                | 4 | E  | 5  | NOV 2015                |                                       |             | 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | C | 7                     | APR 2016 |                         |  |
| 04                    | EC2252      | Communication Theory                                   | 4 | E  | 5  | NOV 2016                | *** End of Statement ***              |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |   |                       |          |                         |  |
| 04                    | EC2253      | Electromagnetic Fields                                 | 4 | E  | 5  | NOV 2015                | Cumulative Grade Point Average : 5.71 |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |   |                       |          |                         |  |
| 04                    | EC2254      | Linear Integrated Circuits                             | 3 | E  | 5  | NOV 2014                | Classification : SECOND CLASS         |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |   |                       |          |                         |  |
| 04                    | EC2255      | Control Systems                                        | 3 | E  | 5  | NOV 2016                |                                       |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |   |                       |          |                         |  |
| 04                    | MA2261      | Probability and Random Processes                       | 4 | E  | 5  | APR 2016                |                                       |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |   |                       |          |                         |  |
| 04                    | EC2257      | Electronics Circuits II and Simulation Lab             | 2 | B  | 8  | APR 2014                |                                       |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |   |                       |          |                         |  |
| 04                    | EC2258      | Linear Integrated Circuit Lab                          | 2 | S  | 10 | APR 2014                |                                       |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |   |                       |          |                         |  |
| 04                    | EC2259      | Electrical Engineering and Control System Lab          | 2 | D  | 6  | APR 2014                |                                       |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |   |                       |          |                         |  |
| 05                    | EC2301      | Digital Communication                                  | 3 | E  | 5  | NOV 2014                |                                       |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |   |                       |          |                         |  |
| 05                    | EC2302      | Digital Signal Processing                              | 3 | E  | 5  | NOV 2014                |                                       |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |   |                       |          |                         |  |
| 05                    | EC2303      | Computer Architecture and Organization                 | 3 | E  | 5  | APR 2016                |                                       |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |   |                       |          |                         |  |

SEM - Semester, C - Credits, LG - Letter Grade, GP - Grade Point

| Range of Marks | 91 - 100 | 81 - 90 | 71 - 80 | 61 - 70 | 57 - 60 | 50 - 56 | < 50 |
|----------------|----------|---------|---------|---------|---------|---------|------|
| Letter Grade   | S        | A       | B       | C       | D       | E       | U    |
| Grade Point    | 10       | 9       | 8       | 7       | 6       | 5       | 0    |

Chennai - 600 025  
Date : 28/08/2017

SIGNATURE OF THE STUDENT

$$CGPA = \frac{\sum C_i GP_i}{\sum C_i}$$

where  
C<sub>i</sub> - is the credits assigned to the course  
GP<sub>i</sub> - is the point corresponding to the grade obtained for each course  
n - is number of all courses successfully cleared during all the semesters

CONTROLLER OF EXAMINATIONS