



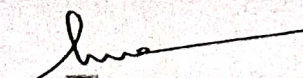
Reg.No. 611811106301/RG

*The Syndicate of the Anna University hereby makes known that*  
**AMARESAN S** *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* **FIRST CLASS** *at the Examination held in* **APRIL**  
**2015 .**


*Given under the Seal of the University*



Chennai 600 025  
India  
January 2016

  
Controller of Examinations

  
Registrar

  
Vice-Chancellor



**ANNA UNIVERSITY, CHENNAI - 600 025**



**PROVISIONAL CERTIFICATE**

Folio No.:AUY1067296

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

Name :AMARESAN S

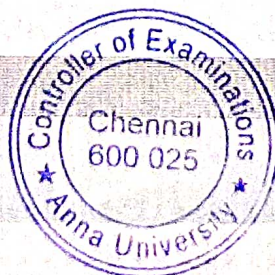
Registration Number :611811106301

Degree :B.E.

Branch/Specialization :Electronics and Communication Engineering


Month and Year of Passing :April 2015

Classification :FIRST CLASS



**Chennai - 600 025**

**Date:** 08/06/2015  
A114723886224S

  
**Controller of Examinations**





# ANNA UNIVERSITY, CHENNAI - 600 025

**B.E. DEGREE EXAMINATIONS**  
**CONSOLIDATED STATEMENT OF GRADES**

Folio No. AUY1067296

A11472386224S



NAME OF THE CANDIDATE		AMARESAN S		REGISTER NO.		611811106301		REGULATIONS		2008			
COLLEGE OF STUDY		P.S.V.COLLEGE OF ENGINEERING AND TECHNOLOGY		GENDER		MALE		DATE OF BIRTH		22-JAN-91			
PROGRAMME & BRANCH		B.E. Electronics and Communication Engineering		MONTH & YEAR OF LAST APPEARANCE		April 2015		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
03	EC2201	Electrical Engineering	3	C	7	NOV 2012	07	CS2060	High Speed Networks	3	B	8	NOV 2014
03	EC2202	Data Structures and Object Oriented Programming in C++	3	A	9	NOV 2012	07	EC2034	Television and Video Engineering	3	A	9	NOV 2014
03	EC2203	Digital Electronics	4	B	8	NOV 2012	07	GE2025	Professional Ethics in Engineering	3	C	7	NOV 2014
03	EC2204	Signals and Systems	4	E	5	NOV 2012	07	EC2404	Electronics System Design Lab	2	S	10	NOV 2014
03	EC2205	Electronic Circuits - I	4	B	8	NOV 2012	07	EC2405	Optical & Microwave Lab	2	S	10	NOV 2014
03	MA2211	Transforms and Partial Differential Equations	4	C	7	NOV 2012	08	EC2045	Satellite Communication	3	C	7	APR 2015
03	EC2207	Digital Electronics Lab	2	S	10	NOV 2012	08	EC2050	Mobile Adhoc Networks	3	B	8	APR 2015
03	EC2208	Electronics Circuits Lab - I	2	A	9	NOV 2012	08	EC2451	Project Work	6	S	10	APR 2015
03	EC2209	Data Structures and Object Oriented Programming Lab	2	A	9	NOV 2012	<div>*** End of Statement ***</div> <div>Cumulative Grade Point Average : 8.23</div> <div>Classification : FIRST CLASS</div>						
04	EC2251	Electronics Circuits II	4	D	6	APR 2013							
04	EC2252	Communication Theory	4	A	9	APR 2013							
04	EC2253	Electromagnetic Fields	4	A	9	APR 2013							
04	EC2254	Linear Integrated Circuits	3	B	8	APR 2013							
04	EC2255	Control Systems	3	B	8	APR 2013							
04	MA2261	Probability and Random Processes	4	A	9	APR 2013							
04	EC2257	Electronics Circuits II and Simulation Lab	2	S	10	APR 2013							
04	EC2258	Linear Integrated Circuit Lab	2	S	10	APR 2013							
04	EC2259	Electrical Engineering and Control System Lab	2	A	9	APR 2013							
05	EC2301	Digital Communication	3	C	7	NOV 2013	<div>Controller of Examinations</div> <div>Chennai</div> <div>600 025</div> <div>Anna University</div>						
05	EC2302	Digital Signal Processing	4	A	9	NOV 2013							
05	EC2303	Computer Architecture and Organization	3	S	10	NOV 2013							
05	EC2304	Microprocessors and Microcontrollers	4	C	7	NOV 2013							
05	EC2305	Transmission Lines and Wave Guides	4	B	8	NOV 2013							
05	GE2021	Environmental Science and Engineering	3	A	9	NOV 2013							
05	EC2306	Digital Signal Processing Lab	2	S	10	NOV 2013							
05	EC2307	Communication Systems Lab	2	S	10	NOV 2013							
05	EC2308	Microprocessor and Microcontroller Lab	2	S	10	NOV 2013							
06	EC2351	Measurements and Instrumentation	3	C	7	APR 2014							
06	EC2352	Computer Networks	3	C	7	APR 2014							
06	EC2353	Antenna and Wave Propagation	4	B	8	APR 2014							
06	EC2354	VLSI Design	3	B	8	APR 2014							
06	MG2351	Principles of Management	3	B	8	APR 2014							
06	EC2021	Medical Electronics	3	C	7	APR 2014							
06	EC2356	Computer Networks Lab	2	S	10	APR 2014							
06	EC2357	VLSI Design Lab	2	S	10	APR 2014							
07	EC2401	Wireless Communication	3	C	7	NOV 2014							
07	EC2402	Optical Communication and Networking	3	C	7	NOV 2014							
07	EC2403	RF and Microwave Engineering	3	C	7	NOV 2014							

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

$$CGPA = \frac{\sum C_i GP_i}{\sum C_i} \text{ where } C_i = \text{credits assigned to the course}$$

GP<sub>i</sub> - is the grade obtained for each course  
n - is number of all courses successfully cleared during all the semesters

Chennai - 600 025  
Date : 08/06/2015

SIGNATURE OF THE STUDENT

*[Signature]*

CONTROLLER OF EXAMINATIONS



*[Signature]*





**ANNA UNIVERSITY, CHENNAI - 25**  
**B.E. DEGREE EXAMINATIONS**  
**GRADE SHEET**



Sl. No. **GSC 811280**

Folio No. AUCC169434

NAME OF THE CANDIDATE	AMARESAN S					REGISTER NO.	611811106301
DATE OF BIRTH	22-JAN-91	GENDER	MALE	MONTH & YEAR OF EXAMINATION	NOV 2012	DATE OF PUBLICATION	05-MAR-13
COLLEGE OF STUDY	P.S.V.COLLEGE OF ENGINEERING AND TECHNOLOGY					REGULATIONS	2008
PROGRAMME & BRANCH	B.E. Electronics and Communication Engineering						

SEM. NO.	COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	RESULT
03	EC2201	Electrical Engineering	3	C	7	PASS
03	EC2202	Data Structures and Object Oriented Programming in C++	3	A	9	PASS
03	EC2203	Digital Electronics	4	B	8	PASS
03	EC2204	Signals and Systems	4	E	5	PASS
03	EC2205	Electronic Circuits - I	4	B	8	PASS
03	MA2211	Transforms and Partial Differential Equations	4	C	7	PASS
03	EC2207	Digital Electronics Lab	2	S	10	PASS
03	EC2208	Electronics Circuits Lab - I	2	A	9	PASS
03	EC2209	Data Structures and Object Oriented Programming Lab	2	A	9	PASS
*** End of Statement ***						

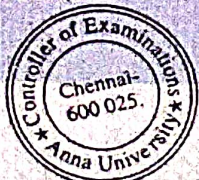
Semester	I	II	III	IV	V	VI	VII	VIII	IX	X
Credits Registered			28							
Credits Earned			28							
Grade Points Earned			72							
Grade Point Average (GPA)			7.714							
Cumulative Credits Earned	28		Cumulative Grade Point Average (CGPA)			7.714	Medium of Instruction : ENGLISH			

RA - Reappearance is Required

W-Withdrawal

SE - Sports Exemption

\* Absent for University Examination



Chennai - 25.

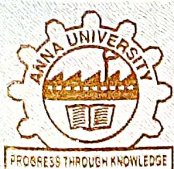
Date : 07-03-14

SIGNATURE OF THE CANDIDATE



CONTROLLER OF EXAMINATIONS





ANNA UNIVERSITY, CHENNAI - 25  
B.E. DEGREE EXAMINATIONS  
GRADE SHEET



Sl. No. GSC 789974

Folio No. AUCD168875

NAME OF THE CANDIDATE	AMARESAN S					REGISTER NO.	611811106301
DATE OF BIRTH	22-JAN-91	GENDER	MALE	MONTH & YEAR OF EXAMINATION	APR 2013	DATE OF PUBLICATION	01-AUG-13
COLLEGE OF STUDY	P.S.V.COLLEGE OF ENGINEERING AND TECHNOLOGY					REGULATIONS	2008
PROGRAMME & BRANCH	B.E. Electronics and Communication Engineering						

SEM. NO.	COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	RESULT
04	EC2251	Electronics Circuits II	4	D	6	PASS
04	EC2252	Communication Theory	4	A	9	PASS
04	EC2253	Electromagnetic Fields	4	A	9	PASS
04	EC2254	Linear Integrated Circuits	3	B	8	PASS
04	EC2255	Control Systems	3	B	8	PASS
04	MA2261	Probability and Random Processes	4	A	9	PASS
04	EC2257	Electronics Circuits II and Simulation Lab	2	S	10	PASS
04	EC2258	Linear Integrated Circuit Lab	2	S	10	PASS
04	EC2259	Electrical Engineering and Control System Lab	2	A	9	PASS
*** End of Statement ***						

Semester	I	II	III	IV	V	VI	VII	VIII	IX	X
Credits Registered				28						
Credits Earned				28						
Grade Points Earned				78						
Grade Point Average (GPA)				8.500						
Cumulative Credits Earned	56	Cumulative Grade Point Average (CGPA)				8.107	Medium of Instruction : ENGLISH			

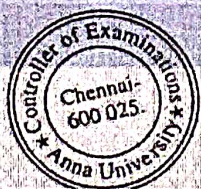
RA - Reappearance Is Required

W-Withdrawal

SE - Sports Exemption

\* Absent for University Examination

Chennai - 25  
Date : 25-02-14



SIGNATURE OF THE CANDIDATE



CONTROLLER OF EXAMINATIONS





ANNA UNIVERSITY, CHENNAI - 25  
B.E. DEGREE EXAMINATIONS  
GRADE SHEET



Sl. No. GSC 1209253

Folio No. AUCE068379

NAME OF THE CANDIDATE	AMARESAN S					REGISTER NO.	611811106301
DATE OF BIRTH	22-JAN-91	GENDER	MALE	MONTH & YEAR OF EXAMINATION	NOV 2013	DATE OF PUBLICATION	21-JAN-14
COLLEGE OF STUDY	P.S.V.COLLEGE OF ENGINEERING AND TECHNOLOGY					REGULATIONS	2008
PROGRAMME & BRANCH	B.E. Electronics and Communication Engineering						

SEM. NO.	COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	RESULT
05	EC2301	Digital Communication	3	C	7	PASS
05	EC2302	Digital Signal Processing	4	A	9	PASS
05	EC2303	Computer Architecture and Organization	3	S	10	PASS
05	EC2304	Microprocessors and Microcontrollers	4	C	7	PASS
05	EC2305	Transmission Lines and Wave Guides	4	B	8	PASS
05	GE2021	Environmental Science and Engineering	3	A	9	PASS
05	EC2306	Digital Signal Processing Lab	2	S	10	PASS
05	EC2307	Communication Systems Lab	2	S	10	PASS
05	EC2308	Microprocessor and Microcontroller Lab	2	S	10	PASS

\*\*\* End of Statement \*\*\*

Semester	I	II	III	IV	V	VI	VII	VIII	IX	X
Credits Registered					27					
Credits Earned					27					
Grade Points Earned					80					
Grade Point Average (GPA)					8.667					
Cumulative Credits Earned	83		Cumulative Grade Point Average (CGPA)			8.289	Medium of Instruction : ENGLISH			

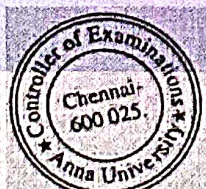
RA - Reappearance is Required

W-Withdrawal

SE - Sports Exemption

\* Absent for University Examination

Chennai - 25.  
Date : 07-06-14

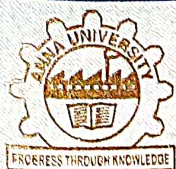


SIGNATURE OF THE CANDIDATE



CONTROLLER OF EXAMINATIONS





**ANNA UNIVERSITY, CHENNAI - 25**  
**B.E. DEGREE EXAMINATIONS**  
**GRADE SHEET**



Sl. No. **GSC 2039577**

Folio No. AUCF068010

NAME OF THE CANDIDATE	AMARESAN S					REGISTER NO.	611811106301
DATE OF BIRTH	22-JAN-91	GENDER	MALE	MONTH & YEAR OF EXAMINATION	APR 2014	DATE OF PUBLICATION	14-JUL-14
COLLEGE OF STUDY	P.S.V.COLLEGE OF ENGINEERING AND TECHNOLOGY					REGULATIONS	2008
PROGRAMME & BRANCH	B.E. Electronics and Communication Engineering						

SEM. NO.	COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	RESULT
06	EC2021	Medical Electronics	3	C	7	PASS
06	EC2351	Measurements and Instrumentation	3	C	7	PASS
06	EC2352	Computer Networks	3	C	7	PASS
06	EC2353	Antenna and Wave Propagation	4	B	8	PASS
06	EC2354	VLSI Design	3	B	8	PASS
06	MG2351	Principles of Management	3	B	8	PASS
06	EC2356	Computer Networks Lab	2	S	10	PASS
06	EC2357	VLSI Design Lab	2	S	10	PASS
06	GE2321	Communication Skills Laboratory	2	A	9	PASS
*** End of Statement ***						

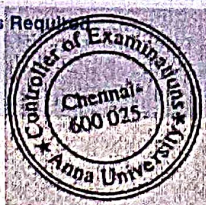
Semester	I	II	III	IV	V	VI	VII	VIII	IX	X
Credits Registered						25				
Credits Earned						25				
Grade Points Earned						74				
Grade Point Average (GPA)						8.040				
Cumulative Credits Earned	108		Cumulative Grade Point Average (CGPA)			8.231	Medium of Instruction : ENGLISH			

RA - Reappearance Is Required

W-Withdrawal

SE - Sports Exemption

\* Absent for University Examination



Chennai - 25  
Date 10-10-14

SIGNATURE OF THE CANDIDATE



CONTROLLER OF EXAMINATIONS





**ANNA UNIVERSITY, CHENNAI - 25**  
**B.E. DEGREE EXAMINATIONS**  
**GRADE SHEET**



Sl. No. **GSC 3207207**

Folio No. **AUZ0327744**

NAME OF THE CANDIDATE	AMARESAN S					REGISTER NO.	611811106301
DATE OF BIRTH	22-JAN-91	GENDER	MALE	MONTH & YEAR OF EXAMINATION	NOV 2014	DATE OF PUBLICATION	23-JAN-15
COLLEGE OF STUDY	P.S.V.COLLEGE OF ENGINEERING AND TECHNOLOGY					REGULATIONS	2008

PROGRAMME & BRANCH	B.E. Electronics and Communication Engineering						
--------------------	--	--	--	--	--	--	--

SEM. NO.	COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	RESULT
07	CS2060	High Speed Networks	3	B	8	PASS
07	EC2034	Television and Video Engineering	3	A	9	PASS
07	EC2401	Wireless Communication	3	C	7	PASS
07	EC2402	Optical Communication and Networking	3	C	7	PASS
07	EC2403	RF and Microwave Engineering	3	C	7	PASS
07	EC2404	Electronics System Design Lab	2	S	10	PASS
07	EC2405	Optical & Microwave Lab	2	S	10	PASS
07	GE2025	Professional Ethics in Engineering	3	C	7	PASS
*** End of Statement ***						

Semester	I	II	III	IV	V	VI	VII	VIII	IX	X
Credits Registered							22			
Credits Earned							22			
Grade Points Earned							65			
Grade Point Average (GPA)							7.955			
Cumulative Credits Earned	130		Cumulative Grade Point Average (CGPA)			8.185	Medium of Instruction : ENGLISH			

RA - Reappearance is Required

W-Withdrawal

SE - Sports Exemption

\* Absent for University Examination



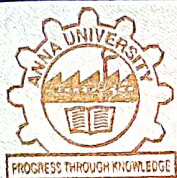
Chennai - 25.  
Date: 25-05-15

SIGNATURE OF THE CANDIDATE



CONTROLLER OF EXAMINATIONS





ANNA UNIVERSITY, CHENNAI - 25  
B.E. DEGREE EXAMINATIONS  
GRADE SHEET



Sl. No. GSC 2964945

Folio No. AUY1067296

NAME OF THE CANDIDATE	AMARESAN S					REGISTER NO.	611811106301
DATE OF BIRTH	22-JAN-91	GENDER	MALE	MONTH & YEAR OF EXAMINATION	APR 2015	DATE OF PUBLICATION	23-MAY-15
COLLEGE OF STUDY	P.S.V.COLLEGE OF ENGINEERING AND TECHNOLOGY					REGULATIONS	2008
PROGRAMME & BRANCH	B.E. Electronics and Communication Engineering						

SEM. NO.	COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	RESULT
08	EC2045	Satellite Communication	3	C	7	PASS
08	EC2050	Mobile Adhoc Networks	3	B	8	PASS
08	EC2451	Project Work	6	S	10	PASS
*** End of Statement ***						

Semester	I	II	III	IV	V	VI	VII	VIII	IX	X
Credits Registered								12		
Credits Earned								12		
Grade Points Earned								25		
Grade Point Average (GPA)								8.750		
Cumulative Credits Earned	142		Cumulative Grade Point Average (CGPA)			8.23	Medium of Instruction : ENGLISH			

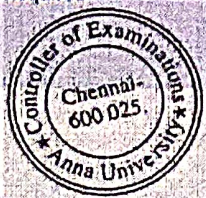
RA - Reappearance Is Required

W-Withdrawal

SE - Sports Exemption

\* Absent for University Examination

Chennai - 25.  
Date 30-06-15



SIGNATURE OF THE CANDIDATE



CONTROLLER OF EXAMINATIONS