



## FACULTY OF ENGINEERING

Whereas it has been certified by duly appointed Examiners that

**Gayathri M. Nair**

is qualified to receive

the Degree of Bachelor of Technology (B.Tech.)

in Branch *Electrical & Electronics Engineering*,

she having been placed in **First Class**

at the Examination held in

**April 2016 (Reg.No. EKAMEEE018)**

The Senate of the University of Calicut hereby confers on her

the Degree of

*Bachelor of Technology*

with all the Rights, Privileges and Honours thereunto appertaining.

Given under the seal of the University



CALICUT UNIVERSITY P.O.  
Kerala, INDIA  
PIN - 673 635

Date .. 24/01/2018.....

**Vice - Chancellor**

Digitally signed by DR K MOHAMMED BASHEER  
Date: 24/01/2018 10:49:40 AM



No. 0721331



**UNIVERSITY OF CALICUT**

**CONSOLIDATED GRADE SHEET**

DATE : 01.03.2017

COURSE : BACHELOR OF TECHNOLOGY  
 EXAMINATION : VIII SEMESTER  
 MONTH & YEAR : APRIL, 2016  
 BRANCH : ELECTRICAL AND ELECTRONICS ENGINEERING  
 NAME OF CANDIDATE : GAYATHRI M. NAIR

REGISTER No. : EKAMEEE018

Subject Code	Subject Name	Credits	Grade	Exam	Rg/Su/Im
EE09 801	ELECTRICAL SYSTEM DESIGN	5	C	APRIL, 2016	Rg
EE09 802	POWER SYSTEM PROTECTION & UTILISATION	3	B	APRIL, 2016	Rg
EE09 803(L 09)	ENERGY AUDITING CONSERVATION & MANAGEMENT	4	B	APRIL, 2016	Rg
EE09 804(L 19)	POWER QUALITY ISSUES AND REMEDIAL MEASURES	4	B	APRIL, 2016	Rg
EE09 805(P)	SEMINAR	2	A	APRIL, 2016	Rg
EE09 806(P)	PROJECT	7	A	APRIL, 2016	Rg
EE09 807(P)	VIVA VOCE	3	A	APRIL, 2016	Rg
<b>Total Credits</b>		<b>28</b>			
<b>Total Credit Points Secured</b>				<b>: 217.00</b>	
<b>Semester Grade Point Average (SGPA-VIII)</b>				<b>: 7.75</b>	

**Details of Previous Semesters \***

Semester	Total Credits	Total Credit Points	SGPA	Examination
I and II Combined	38	277.00	7.29	4/2014
III	28	212.00	7.57	11/2013
IV	28	228.00	8.14	4/2014
V	28	231.00	8.25	11/2014
VI	28	242.00	8.64	4/2015
VII	28	232.50	8.30	11/2015

**Cumulative Grade Point Average (CGPA) : 7.96**

Rg : REGULAR Su : SUPPLEMENTARY Im : IMPROVEMENT  
 Note : Method of arriving at SGPA, CGPA and formula for conversion to percentage are shown overleaf.



Checked by

Section Officer

Controller of Examinations

AR/BR/UR (Exams)





**UNIVERSITY OF CALICUT**

**GRADE SHEET**

DATE : 24.12.2014

COURSE : BACHELOR OF TECHNOLOGY  
EXAMINATION : COMBINED I and II SEMESTER  
MONTH & YEAR : APRIL, 2014  
BRANCH : ELECTRICAL AND ELECTRONICS ENGINEERING

NAME OF CANDIDATE : GAYATHRI M. NAIR

REGISTER No. : EKAMEEE018

Subject Code	Subject Name	Credits	Grade	Exam	Rg/Su/Im
EN09 101	ENGINEERING MATHEMATICS I	4	S	APRIL, 2014	Im
EN09 102	ENGINEERING MATHEMATICS II	4	B	APRIL, 2013	Rg
EN09 103	ENGINEERING PHYSICS	3	C	APRIL, 2013	Rg
EN09 103(P)	PHYSICS LAB	1	A	APRIL, 2013	Rg
EN09 104	ENGINEERING CHEMISTRY	3	B	APRIL, 2013	Rg
EN09 104(P)	CHEMISTRY LAB	1	A	APRIL, 2013	Rg
EN09 105	ENGINEERING MECHANICS	4	C	APRIL, 2014	Im
EN09 106	BASICS OF CIVIL AND MECHANICAL ENGINEERING	4	D	APRIL, 2013	Rg
EN09 107	BASICS OF ELECTRICAL, ELECTRONICS & COMMUNICATION ENGINEERING	4	B	APRIL, 2013	Rg
EN09 108(A)	ENGINEERING GRAPHICS (A)	3	B	APRIL, 2013	Rg
EN09 109(P)	COMPUTER PROGRAMMING IN C	3	C	APRIL, 2013	Rg
EN09 110(P)	MECHANICAL WORKSHOPS	2	B	APRIL, 2013	Rg
EN09 111(P)	ELECTRICAL AND CIVIL WORKSHOPS	2	C	APRIL, 2013	Rg
<b>Total Credits</b>		<b>38</b>			
<b>Semester Grade Point Average (SGPA-I and II) : 7.29</b>					

LETTER GRADE	S	A	B	C	D	E	U
GRADE POINTS	10	8.5	7.5	6.5	5.5	4.5	(0) FAILED

Rg : REGULAR Su : SUPPLEMENTARY Im : IMPROVEMENT



Checked by  
CUP/19326/14/1,0000

Section Officer

Controller of Examinations  
AR/DR/JR (Exams)





**UNIVERSITY OF CALICUT**

**GRADE SHEET**

DATE : 28.06.2014

COURSE : BACHELOR OF TECHNOLOGY  
EXAMINATION : III SEMESTER  
MONTH & YEAR : NOVEMBER, 2013  
BRANCH : ELECTRICAL AND ELECTRONICS ENGINEERING

NAME OF CANDIDATE : GAYATHRI M. NAIR

REGISTER No. : EKAMEEE018

Subject Code	Subject Name	Credits	Grade	Exam	Rg/Su/Im
EN09 301	ENGINEERING MATHEMATICS III	4	B	NOVEMBER, 2013	Rg
EN09 302	HUMANITIES AND COMMUNICATION SKILLS	3	D	NOVEMBER, 2013	Rg
EE09 303	ELECTRIC CIRCUIT THEORY	5	B	NOVEMBER, 2013	Rg
EE09 304	ELECTROMAGNETIC FIELD THEORY	4	B	NOVEMBER, 2013	Rg
EE09 305	ANALOG ELECTRONICS	4	B	NOVEMBER, 2013	Rg
EE09 306	MECHANICAL ENGINEERING	4	A	NOVEMBER, 2013	Rg
EE09 307 (P)	BASIC ELECTRICAL ENGINEERING LAB	2	A	NOVEMBER, 2013	Rg
EE09 308 (P)	ANALOG ELECTRONICS LAB	2	A	NOVEMBER, 2013	Rg
<b>Total Credits</b>		<b>28</b>			

**Semester Grade Point Average (SGPA-III) : 7.57**

LETTER GRADE	S	A	B	C	D	E	U
GRADE POINTS	10	8.5	7.5	6.5	5.5	4.5	(0) FAILED

Rg : REGULAR Su : SUPPLEMENTARY Im : IMPROVEMENT



Checked by

CLP 10326-14-1,00,000

Section Officer

Controller of Examinations  
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**UNIVERSITY OF CALICUT**

**GRADE SHEET**

DATE : 14.01.2015

COURSE : BACHELOR OF TECHNOLOGY  
 EXAMINATION : IV SEMESTER  
 MONTH & YEAR : APRIL, 2014  
 BRANCH : ELECTRICAL AND ELECTRONICS ENGINEERING  
 NAME OF CANDIDATE : GAYATHRI M. NAIR

REGISTER No. : EKAMEEE018

Subject Code	Subject Name	Credits	Grade	Exam	Rg/Su/Im
EN09 401B	ENGINEERING MATHEMATICS IV	4	A	APRIL, 2014	Rg
EN09 402	ENVIRONMENTAL SCIENCE	3	A	APRIL, 2014	Rg
EE09 403	SIGNALS AND SYSTEMS	5	B	APRIL, 2014	Rg
EE09 404	DC MACHINES AND TRANSFORMERS	4	A	APRIL, 2014	Rg
EE09 405	DIGITAL ELECTRONICS	4	B	APRIL, 2014	Rg
EE09 406	ELECTRICAL MEASUREMENTS & INSTRUMENTATION SYSTEMS	4	B	APRIL, 2014	Rg
EE09 407 (P)	MECHANICAL ENGINEERING LAB	2	A	APRIL, 2014	Rg
EE09 408 (P)	ELECTRICAL MEASUREMENTS & INSTRUMENTATION LAB	2	S	APRIL, 2014	Rg
<b>Total Credits</b>		<b>28</b>			
<b>Semester Grade Point Average (SGPA-IV) : 8.14</b>					

LETTER GRADE	S	A	B	C	D	E	U
GRADE POINTS	10	8.5	7.5	6.5	5.5	4.5	(0) FAILED

Rg : REGULAR Su : SUPPLEMENTARY Im : IMPROVEMENT



*(Signature)*

Controller of Examinations

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**UNIVERSITY OF CALICUT**

**GRADE SHEET**

DATE : 12.08.2015

COURSE : BACHELOR OF TECHNOLOGY  
 EXAMINATION : V SEMESTER  
 MONTH & YEAR : NOVEMBER, 2014  
 BRANCH : ELECTRICAL AND ELECTRONICS ENGINEERING  
 NAME OF CANDIDATE : GAYATHRI M. NAIR

REGISTER No. : EKAMEEE018

Subject Code	Subject Name	Credits	Grade	Exam	Rg/Su/Im
EE09 501	SYNCHRONOUS AND INDUCTION MACHINES	5	B	NOVEMBER, 2014	Rg
EE09 502	POWER SYSTEM GENERATION, TRANSMISSION AND DISTRIBUTION	4	B	NOVEMBER, 2014	Rg
EE09 503	LINEAR CONTROL SYSTEMS	4	A	NOVEMBER, 2014	Rg
EE09 504	POWER ELECTRONICS	4	S	NOVEMBER, 2014	Rg
EE09 505	DIGITAL SYSTEM DESIGN	4	B	NOVEMBER, 2014	Rg
EE09 506	ELECTRICAL MATERIAL SCIENCE	3	B	NOVEMBER, 2014	Rg
EE09 507 (P)	ELECTRICAL MACHINES LAB-I	2	S	NOVEMBER, 2014	Rg
EE09 508 (P)	DIGITAL ELECTRONICS LAB	2	A	NOVEMBER, 2014	Rg
<b>Total Credits</b>		<b>28</b>			
<b>Semester Grade Point Average (SGPA-V) : 8.25</b>					

LETTER GRADE	S	A	B	C	D	E	U
GRADE POINTS	10	8.5	7.5	6.5	5.5	4.5	(0) FAILED

Rg : REGULAR Su : SUPPLEMENTARY Im : IMPROVEMENT



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Controller of Examinations

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AR/DR/JR (Exams)

*[Signature]*  
Section Officer

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Checked by  
CUP 10494/14/1,00,000





Calicut University P.O.  
Pin 673 635

**UNIVERSITY OF CALICUT**

554506

**GRADE SHEET**

DATE : 14.01.2016

**COURSE** : BACHELOR OF TECHNOLOGY  
**EXAMINATION** : VI SEMESTER  
**MONTH & YEAR** : APRIL, 2015  
**BRANCH** : ELECTRICAL AND ELECTRONICS ENGINEERING  
**NAME OF CANDIDATE** : GAYATHRI M. NAIR

**REGISTER No.:** EKAMEEE018

Subject Code	Subject Name	Credits	Grade	Exam	Rg/Su/Im
EE09 601	MICROPROCESSORS AND MICROCONTROLLERS	5	A	APRIL, 2015	Rg
EE09 602	ENGINEERING ECONOMICS AND PRINCIPLES OF MANAGEMENT	4	A	APRIL, 2015	Rg
EE09 603	MODERN CONTROL THEORY	4	S	APRIL, 2015	Rg
EE09 604	ELECTRIC DRIVES	4	A	APRIL, 2015	Rg
EE09 605	ELECTRICAL ENGINEERING DRAWING	3	D	APRIL, 2015	Rg
EE09 L02	NUMERICAL ANALYSIS AND OPTIMIZATION THEORY	4	S	APRIL, 2015	Rg
EE09 607 (P)	ELECTRICAL MACHINES LAB II	2	S	APRIL, 2015	Rg
EE09 608 (p)	MINI PROJECT	2	B	APRIL, 2015	Rg
<b>Total Credits</b>		<b>28</b>			
<b>Semester Grade Point Average (SGPA-VI) : 8.64</b>					

LETTER GRADE	S	A	B	C	D	E	U
GRADE POINTS	10	8.5	7.5	6.5	5.5	4.5	(0) FAILED

Rg : REGULAR Su : SUPPLEMENTARY Im : IMPROVEMENT



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**UNIVERSITY OF CALICUT**

**GRADE SHEET**

DATE : 16.06.2016

COURSE : BACHELOR OF TECHNOLOGY  
EXAMINATION : VII SEMESTER  
MONTH & YEAR : NOVEMBER, 2015  
BRANCH : ELECTRICAL AND ELECTRONICS ENGINEERING

NAME OF CANDIDATE : GAYATHRI M. NAIR

REGISTER No. : EKAMEEE018

Subject Code	Subject Name	Credits	Grade	Exam	Rg/Su/Im
EE09 701	POWER SYSTEM ANALYSIS	5	B	NOVEMBER, 2015	Rg
EE09 702	ANALOG & DIGITAL COMMUNICATION	4	A	NOVEMBER, 2015	Rg
EE09 703	DIGITAL SIGNAL PROCESSING	3	A	NOVEMBER, 2015	Rg
EE09 704	ELECTRICAL MACHINE DESIGN	3	A	NOVEMBER, 2015	Rg
EE09 705(L10)	SWITCHED MODE POWER CONVERTERS	4	B	NOVEMBER, 2015	Rg
EE09 706(L13)	HIGH VOLTAGE ENGINEERING	4	B	NOVEMBER, 2015	Rg
EE09 707(P)	POWER ELECTRONICS LAB	2	S	NOVEMBER, 2015	Rg
EE09 708(P)	ADVANCED ELECTRICAL ENGINEERING LAB	2	S	NOVEMBER, 2015	Rg
EE09 709(P)	PROJECT	1	S	NOVEMBER, 2015	Rg
<b>Total Credits</b>		<b>28</b>			

**Semester Grade Point Average (SGPA-VII) : 8.30**

LETTER GRADE	S	A	B	C	D	E	U
GRADE POINTS	10	8.5	7.5	6.5	5.5	4.5	(0) FAILED

Rg : REGULAR Su : SUPPLEMENTARY Im : IMPROVEMENT



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Section Officer

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**GOVERNMENT OF KERALA**  
**BOARD OF HIGHER SECONDARY EXAMINATION**  
**HIGHER SECONDARY EXAMINATION**

No. HSE 1285106

**CERTIFICATE**Register  
Number-**8178940**This is to certify that Mr./Ms. **GAYATHRI M. NAIR**

appeared for the HIGHER SECONDARY EXAMINATION

**SCIENCE**GROUP held in **MARCH 2012**

Her/She is

**ELIGIBLE**

for higher studies.

The Scores and Grades obtained by the Candidate are shown below

SUBJECTS	FIRST YEAR			SECOND YEAR			GRAND TOTAL			Grade Obtained	Grade in Words		
	CE	TE	Total	CE	PE	TE	Total	CE	PE			TE	Total
<b>PART I</b> <b>ENGLISH</b>	19	57	76	20	--	70	90	39	--	127	166	A	A only
<b>PART II</b> <b>HINDI</b>	20	76	96	20	--	78	98	40	--	154	194	A+	A plus
<b>PART III (Optionals)</b> <b>PHYSICS</b>	20	43	63	20	40	43	103	40	40	86	166	A	A only
<b>CHEMISTRY</b>	19	49	68	20	40	49	109	39	40	98	177	A	A only
<b>BIOLOGY</b>	20	44	64	29	40	53	113	40	40	97	177	A	A only
<b>MATHEMATICS</b>	20	67	87	20	--	54	74	40	--	121	161	A	A only

Eligibility for Higher Studies - B+ Grade or above

Place: Thiruvananthapuram  
Date: **15-05-2012**
**SECRETARY**Board of Higher Secondary Examinations,  
Government of Kerala



K - 500673



ASJEE363IEAE338577475

**GENERAL EDUCATION DEPARTMENT  
SECONDARY SCHOOL LEAVING CERTIFICATE**  
*(Issued under the Authority of the Government of Kerala)*

**GOVERNMENT OF KERALA**

**SECONDARY SCHOOL LEAVING CERTIFICATE EXAMINATION**

Name of School

GOVT. H S CHEPPE

Admission No. 6882

1. Name

: GAYATHRI M. NAIR

2. Name in Regional Language

: ഗവയത്രി എ. നായർ

3. Date of Birth (in figures)

: 20/01/1995

(in words)

: TWENTIETH JANUARY NINETEEN NINETY FIVE

4. Sex

: FEMALE

5. Religion and Caste (as per the Admission Register)

: HINDU, NAIR

6. Whether belongs to SC/ST/OEC/OBC

: GENERAL

7. Nationality

: INDIAN

8. Place of Birth

: THRISSUR

9. Name of Father

: MURALEEDHARAN

10. Name of Mother

: SUSEELA.R.

11. Name of Guardian

: MURALEEDHARAN

12. Home Address (as specified in the Admission Register)

: VELLANNUR HOUSE, VALLACHIRA, P.O.

13. Mode of Presentation

: THRISSUR - 680 562  
: SCHOOL GOING

14. Identification Marks

- (i) A BLACK MOLE ON THE RIGHT CHEEK
- (ii) A WOUND MARK ON THE LEFT EYEBROW



Name : GAYATHRI M. NAIR

Register Number: 319691 Month & Year: MARCH 2010 No. of Chances: 1

This is to certify that the candidate herein has appeared for the SSLC Examination and secured the following Grade:

Subject	Grade	Grade in words
First Language Paper - I ( MALAYALAM )	A+	A Plus
First Language Paper - II (MALAYALAM )	A+	A Plus
English	A	A Only
Hindi	A+	A Plus
Social Science	A	A Only
Physics	A	A Only
Chemistry	A	A Only
Biology	A+	A Plus
Mathematics	A+	A Plus
Information Technology	A+	A Plus

**GRADE RANGE**

A+ - 90% and above	Outstanding	B - 60% - 69%	Good	D+ - 30% - 39%	Marginal
A - 80% - 89%	Excellent	C+ - 50% - 59%	Above Average	D - 20% - 29%	Need Improvement
B+ - 70% - 79%	Very Good	C - 40% - 49%	Average	E - Below 20%	Need Improvement

Minimum Eligibility for Higher study is D+ Grade for Each Paper.

**ELIGIBLE FOR HIGHER STUDIES**



**C. PADMANABHAN**  
Principal  
Govt. Vocational Institution with Date  
Secondary School, Cheppe



Date of Publication of Result:

03/05/2010

**JOHNS V. JOHN**  
SECRETARY  
Board of Public Examinations, Kerala