

Regd. No. : Y15CS1203



BTech/0116/A19

ACHARYA NAGARJUNA UNIVERSITY  
అచార్య నాగార్జున విశ్వవిద్యాలయము



FACULTY OF ENGINEERING

పాకటీ ఆఫ్ ఇంజనీరింగ్

*This is to certify that*

ధృవీకరణ

*Aluri Varun Nagendra*

Mr/Ms

శ్రీ/శ్రీమతి/కుమారి

Son/Daughter of

కుమారుడు/కుమారై

*Aluri Somasekhara Rao*

has been duly admitted to the Degree of **Bachelor of Technology**

బ్యాచులర్ ఆఫ్ డెస్క్లాషన్ పట్టాప్రావానికి అర్థతపొందినందుని

The Medium of Instruction and Examination is English.

of this University he/she having been declared to have passed the examination prescribed therefor as follows :

ఈ విశ్వవిద్యాలయం మంచి కీంద సూచించిన విభంగా అతడు/ఆమె పట్టాడు విద్యేశంలో ప్రతీభాత్మక పాంచిసట్లు ప్రకటించబడింది:

Subjects అభ్యసించిన అంశాలు	Month & Year of Passing ఎప్పుడు పాంచిస చెం, సంవత్సరం	Class Awarded పాంచిస శ్రేణి
<i>Computer Science &amp; Engineering</i>	<i>April-2019</i>	<i>First Class with Distinction (Cgpa: 9.12)</i>

Given under the Seal of the University

విశ్వవిద్యాలయ పాఠాల ముద్రత జారీచేయబడినది.



Nagarjuna Nagar, Andhra Pradesh, India  
నాగార్జున నగరం, ఆంధ్రప్రదేశ్, భారతదేశము.

Date  
తారీఖ 28 OCT 2019

Controller of Examinations  
పరీక్ష నిర్వహణాధికారి

**DO NOT LAMINATE THIS CERTIFICATE**

✓  
The Original Degree issued in advance / In-person / In-absentia to 36<sup>th</sup> Convocation.

**DEGREE VERIFIED BY**

Jr. Assistant	Sr. Assistant	Superintendent	A.R. (Exams.)
B.Thinesh 23/10/19	H.S. Srinivas 23/10/19	V. Venkateswaran 23/10/19	Ch. Venkateswaran 26/10/19

NOTE : THE NAME OF NAGARJUNA UNIVERSITY HAS BEEN CHANGED AS ACHARYA NAGARJUNA UNIVERSITY THROUGH AP UNIVERSITIES (AMENDMENT) ORDINANCE, 2004 PUBLISHED IN AP GAZETTE NOTIFICATION (PART - IV - B EXTRAORDINARY), DT. 24 - 01 - 2004.

# ACHARYA NAGARJUNA UNIVERSITY



00040

B 001800

Regd. No. Y15CS1203

## PROVISIONAL CERTIFICATE

This is to Certify that Sri/Kumari/Smt

.....  
ALURI VARUN NAGENDRA  
S/o-D/o : ALURI SOMASEKHARA RAO

has qualified himself / herself for the Degree of Bachelor of Technology in

.....  
**COMPUTER SCIENCE & ENGINEERING**.....

Engineering in this University, he / she having been declared to have passed the

Examination prescribed therefor in .....**FIRST**.....

class ..with ..**DISTINCTION**..... in ....**APRIL-2019**.....

**CGPA : 9.12**

and that he/she has done all that is necessary for the formal presentation for the

Degree of Bachelor of Technology.

**The Medium of Instruction and Examination is English.**

Nagarjuna Nagar  
Date 29-07-2019



*M. Chaitanya*  
Signature of the Principal  
with Seal  
PRINCIPAL

*Dr. Chaitanya*  
CONTROLLER OF EXAMINATIONS

CHALAPATHI INSTITUTE OF  
ENGINEERING & TECHNOLOGY  
CHALAPATHI NAGAR LAM  
GUNTUR -34



# ACHARYA NAGARJUNA UNIVERSITY

Nagarjunanagar - 522 510

Andhra Pradesh INDIA

Sl.No.: 085240

00046

## CONSOLIDATED MARKS MEMORANDUM

### FACULTY OF ENGINEERING

DATE : 30-10-2019

COURSE : BACHELOR OF TECHNOLOGY - COMPUTER SCIENCE & ENGINEERING

NAME OF THE CANDIDATE : ALURI VARUN NAGENDRA

REGD.NO.: Y15CS1203

NAME OF THE PARENT : ALURI SOMASEKHARA RAO

MEDIUM : ENGLISH

PASSED IN MONTH & YEAR: APRIL-2019

C.G.P.A.: 9.12

PERIOD OF STUDY : 2015 To 2019

CLASS AWARDED : FIRST CLASS WITH DISTINCTION

NAME OF THE COLLEGE : CHALAPATHI INSTITUTE OF ENGINEERING & TECHNOLOGY, LAM , GUNTUR DISTRICT,

SEM-I SUBJECT NAME	MONTH & YEAR	CR.	GR.	SEM-II SUBJECT NAME	MONTH & YEAR	CR.	GR.
MATHEMATICS -I	NOV-2015	4	A+	MATHEMATICS -II	APR-2016	4	A+
ENGINEERING PHYSICS -I	NOV-2015	3	A+	ENGINEERING PHYSICS -II	APR-2016	3	A+
ENGINEERING CHEMISTRY -I	NOV-2015	3	A	ENGINEERING CHEMISTRY -II	APR-2016	3	A+
BASIC MECHANICAL SCIENCES	NOV-2015	3	A+	BASIC ELECTRIC. & ELECTRONIC	APR-2016	3	A
ENVIRONMENTAL SCIENCE & ENGG.	NOV-2015	3	A	PROBLEM SOLVING USING 'C'	APR-2016	3	A
BASIC ENGLISH FOR ENGINEERS	NOV-2015	4	A+	ADVANCED ENGLISH FOR ENGINEERS	APR-2016	4	O
ENGINEERING PHYSICS LAB	NOV-2015	2	O	CHEMISTRY LAB	APR-2016	2	O
ENGINEERING GRAPHICS	NOV-2015	2	O	COMPUTER PROGRAMMING LAB	APR-2016	2	O
ENGLISH COMMUNICATIONS SKILLS LAB	NOV-2015	2	O	WORKSHOP (IT)	APR-2016	2	O
GRADE POINT AVERAGE (G.P.A) :	NOV-2015	9.00		GRADE POINT AVERAGE (G.P.A) :	APR-2016	9.15	
II YEAR I SEMESTER				II YEAR II SEMESTER			
MATHEMATICS III	DEC-2016	4	O	MATHEMATICS IV (PROBALITY. &	JUN-2017	4	A+
DIGITAL LOGIC DESIGN	DEC-2016	4	O	COMPUTER ORGANION. & ARCHITECTURE	JUN-2017	4	O
OPERATING SYSTEMS	DEC-2016	4	A	UNIX SHELL PROGRAMMING	JUN-2017	4	A+
DISCRETE MATHEMATICAL STRUCTURES	DEC-2016	4	O	LOGIC FOUNDATIONS OF COMPUTER	JUN-2017	4	A+
DATA STRUCTURES USING C	DEC-2016	4	A+	INTRODUCTION TO ALGORITHMS	JUN-2017	4	O
PROFESSIL. ETHICS & HUMAN	DEC-2016	0	A+	OBJECT ORIENTED PROGRAM. USING	JUN-2017	4	A
DATA STRUCTURES LAB	DEC-2016	2	O	ADVANCED COMMUNICATION SKILLS LAB	JUN-2017	0	A+
DLD LAB	DEC-2016	2	A+	UNIX LAB	JUN-2017	2	A+
OPERATING SYSTEMS LAB	DEC-2016	2	A+	ALGORITHMS LAB(THROUGH CORE JAVA)	JUN-2017	2	O
GRADE POINT AVERAGE (G.P.A) :	DEC-2016	9.38		GRADE POINT AVERAGE (G.P.A) :	JUN-2017	9.21	
III YEAR I SEMESTER				III YEAR II SEMESTER			
DBMS	NOV-2017	3	A+	ARTIFICIAL INTELLIGENCE	JUN-2018	3	A+
SOFTWARE ENGINEERING	NOV-2017	4	A+	NETWORK PROGRAMMING	JUN-2018	4	A
ADVANCED MICROPROCESSORS	NOV-2017	4	A+	COMPILER DESIGN	JUN-2018	4	A+
ADVANCED DATA STRUCS.& ALGORITHMS	NOV-2017	4	B+	INTERNET PROGRAMMING	JUN-2018	4	A+
COMPUTER NETWORKS	NOV-2017	4	A+	FOUNDATIONS OF CRYPTOGRAPHY	JUN-2018	4	A
LANGUAGES, MACHINES & COMPUTATION	NOV-2017	3	A+	MOOCS	JUN-2018	3	O
ADVANCED DATA STRUCS.& ALGORI.	NOV-2017	2	A+	ARTIFICIAL INTELLIGENCE	JUN-2018	2	O
DBMS LAB	NOV-2017	2	O	INTERNET PROGRAMMING LABORATORY	JUN-2018	2	O
MICROPROCESSORS LAB	NOV-2017	2	O	NETWORK PROGRAMMING LABORATORY	JUN-2018	2	O
GRADE POINT AVERAGE (G.P.A) :	NOV-2017	8.86		GRADE POINT AVERAGE (G.P.A) :	JUN-2018	9.04	
IV YEAR I SEMESTER				IV YEAR II SEMESTER			
DATA ENGINEERING	NOV-2018	3	O	INDUSTRIAL ECONOMICS	APR-2019	4	A
CLOUD COMPUTING	NOV-2018	4	A+	MOBILE COMPUTING	APR-2019	4	A+
CYBER SECURITY	NOV-2018	4	A	DATA ANALYTICS THROUGH R	APR-2019	4	A
DESIGN & ANALYSIS OF PARALLEL	NOV-2018	4	A+	COMPUTER FORENSICS	APR-2019	4	A+
MACHINE LEARNING	NOV-2018	4	A+	DATA ANALYTICS THROUGH R	APR-2019	2	O
RENEWABLE ENERGY SOURCES	NOV-2018	3	A+	PROJECT WORK	APR-2019	10	O
DATA ENGINEERING LAB	NOV-2018	2	O	GRADE POINT AVERAGE (G.P.A) :	APR-2019	9. 14	
MACHINE LEARNING LAB	NOV-2018	2	O				
PROJECT/INTERNSHIP	NOV-2018	2	O				
GRADE POINT AVERAGE (G.P.A) :	NOV-2018	9.18					

Mr. Chaitanya  
PRINCIPAL  
SIGNATURE OF THE PRINCIPAL  
WITH SEAL  
CHALAPATHI INSTITUTE OF  
ENGINEERING & TECHNOLOGY  
NAGARJUNA NAGAR, LAM,  
GUNTUR-522 510



Chaitanya  
CONTROLLER OF EXAMINATIONS  
ACHARYA NAGARJUNA UNIVERSITY  
Nagajuna Nagar - 522 510

S.No	Range Of Marks (University Examination + Internals)	Grade	Grade Points
1	> 90	O	10
2	80 - 89	A+	9
3	70 - 79	A	8
4	60 - 69	B+	7
5	50 - 59	B	6
6	45 - 49	C	5
7	40 - 44	D	4
8	< 40	F	0
9	Absent	AB/W	0

GPA is calculated based on the following formula:

$$\frac{\text{Sum of [No. Credits X Grade Points]}}{\text{Sum of credits}}$$

S.No.	CLASS	CGPA
1	First Class with Distinction	8.0 or More
2	First Class	6.5 or More but less than 8.0
3	Second Class	5.0 or More but less than 6.5
4	Pass Class	4.5 or more but less than 5.0

- NOTE:** 1. CGPA will be calculated in a similar manner, considering all the subjects enrolled from first semester onwards.  
 2. CR. – CREDITS, GR. – GRADE

SI. No. O 164789



07/07214/O164789



# Board of Intermediate Education, A. P.

Vidya Bhavan, Nampally, Hyderabad - 500 001



## INTERMEDIATE PASS CERTIFICATE CUM MEMORANDUM OF MARKS

This is to certify that ALURI VARUN NAGENDRA

Father Name : ALURI SOMASEKHARA RAO

Mother Name : ALURI LAKSHMI SOWMYA bearing

Registered No. 1507224777 has appeared at the Intermediate Public

Examination held in MARCH-2015 and passed in A GRADE

with ENGLISH as the medium of Instruction.

The subjects in which HE was examined and the marks awarded are as follows :

Subject	I Year		II Year	
	Maximum Marks	Marks Secured	Maximum Marks	Marks Secured
Part - 1 : ENGLISH	100	087	100	083
Part - 2 : SANSKRIT	100	097	100	072
Part - 3 : Optional Subjects				
MATHEMATICS - A	075	075	075	075
MATHEMATICS - B	075	075	075	072
PHYSICS	060	059	060	047
CHEMISTRY	060	055	060	054
PHYSICS PRACTICAL			030	030
CHEMISTRY PRACTICAL			030	030
ENVIRONMENTAL EDUCATION	Q U A L I F I E D			
Total Marks In Figures	911	→	911	
In words	*NINE**ONE***ONE*			
Date	28-04-2015			

*Chaitanya*  
**PRINCIPAL**  
 Signature  
**Krishna Chaitanya Jr. College**  
 NOTE : THIS IS A RELEAF - INDICATES MARKS OBTAINED AT AN EARLIER EXAMINATION  
**KANIGRU & Prakasham DR**

*S. Jagadeesh*  
**Controller of Examinations**



## NOTE

### I Awarding of Grades

- a) Regular/Private candidate is declared as having passed the Intermediate Examination if he/she gets a minimum of 30% marks in each paper and 35% in aggregate in one attempt and appropriate Grade is awarded basing on the following norms :

Sl. No.	Grade	Range of marks percentage
1	A	Greater than or equal to 75%
2	B	Greater than or equal to 60% and less than 75%
3	C	Greater than or equal to 50% and less than 60%
4	D	Greater than or equal to 35% and less than 50%

- b) Minimum pass marks for individual papers of first year and second year under compartmental appearance for Private candidate is 35% and the candidate is awarded **Compartmentally** pass without any Grade.
- II Blind, Deaf, Deaf & Dumb candidates are declared as passed 1<sup>st</sup> / 2<sup>nd</sup> year, if a candidate gets a minimum of 25% marks in each paper. The Grade is awarded basing on the marks secured in the papers appeared for.
- III The Deaf, Deaf & Dumb, Dyslexia & Mentally handicapped candidates are exempted from passing in one language either under part I or part II. The Grade is awarded basing on the marks secured in the papers appeared for.

Note : 'E'-INDICATES EXEMPTION from passing in one language either under Part I or Part II in case of Deaf, Deaf & Dumb, Dyslexia & Mentally handicapped candidates.

- IV **Environmental Education** is a compulsory qualifying subject in 1<sup>st</sup> year. Marks secured in this subject are not taken into account for awarding grade. Hence, marks secured are not shown against this subject.
- a) Maximum marks for Theory & Project work are 60 & 40 respectively.
- b) A candidate should secure minimum 35% of marks in Theory & Project work put together. In case, the candidate appears for Theory & Project work separately, he/she should secure 35% marks separately in Theory & Project work.
- c) Blind candidates are exempted from passing in Environmental Education Examination.
- d) The benefit of reduction of pass marks from 35% to 25% to Deaf, Deaf & Dumb candidates is also applicable for Environmental Education Examination.

**Board of Secondary Education  
ANDHRA PRADESH, INDIA**

MM 0344248



**SECONDARY SCHOOL CERTIFICATE**

REGULAR PC/16/15683/0318814/5

CERTIFIED THAT ALURI VARUN NAGENDRA OF SECONDARY EDUCATION BOARD OF SEC

FATHER NAME : ALURI SOMASEKHARA RAO

MOTHER NAME: ALURI LAKSHMI SOWMYA

bearing Roll No. 1316133778

belonging to GOMATHY HIGH SCHOOL KANIGIRI OF PRAKASAM DISTRICT

has appeared and PASSED SSC EXAMINATION held in MARCH 2013 with GPA 9.3

and ENGLISH as medium of instruction.

DATE OF BIRTH	29/10/1996	TWO NINE	OCTOBER	ONE NINE NINE SIX
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**THE CANDIDATE SECURED THE FOLLOWING GRADES AND GRADE POINTS**

SUBJECT	GRADES	GRADE POINTS	
		In Figures	In Words
FIRST LANGUAGE : (TELUGU/SANSKRIT )	A2	09	ZERO NINE
THIRD LANGUAGE : ENGLISH	B1	08	ZERO EIGHT
MATHEMATICS :	A1	10	ONE ZERO
GENERAL SCIENCE :	A1	10	ONE ZERO
SOCIAL STUDIES :	A2	09	ZERO NINE
SECOND LANGUAGE : ( HINDI )	A1	10	ONE ZERO
<b>GRADE POINTS TOTAL :</b>		<b>56</b>	<b>FIVE SIX</b>

Life Skills Education : GRADE SECURED :

Marks of Identification

1. A MOLE ON THE LEFT SIDE OF THE NECK
2. A MOLE ON THE RIGHT PALM

Head of Institution  
with School Stamp

P.V.N. Meligala  
Head Master  
Gomathy High School  
Kanigiri, Prakasam

A. Jayaprakash

SECRETARY  
BOARD OF SECONDARY EDUCATION  
A.P. HYDERABAD

1. Life skills Education : The Grade shall be Incorporated by the Head of the Institution before delivery of the certificate to the candidate Prakasam District, A.P.
2. Any corrections in the certificate will not be entertained after one year from the date of issue.
3. Any unauthorised correction in the certificate will result in cancellation of certificate.
4. The Grades with asterisk indicate the old grades secured in previous appearances.

2013



### EXPLANATORY NOTE

Achievement in a subject is indicated by a subject grade and grade points. Grade-A1 is the highest and Grade D2 is the lowest. The interpretation of the grades is as follows :

<b>Grades</b>	<b>1<sup>st</sup>, 3<sup>rd</sup> and Non - Languages</b>	<b>2<sup>nd</sup> Language</b>	<b>Grade Points</b>
<b>A1</b>	<b>92 to 100</b>	<b>90 to 100</b>	<b>10</b>
<b>A2</b>	<b>83 to 91</b>	<b>80 to 89</b>	<b>9</b>
<b>B1</b>	<b>75 to 82</b>	<b>70 to 79</b>	<b>8</b>
<b>B2</b>	<b>67 to 74</b>	<b>60 to 69</b>	<b>7</b>
<b>C1</b>	<b>59 to 66</b>	<b>50 to 59</b>	<b>6</b>
<b>C2</b>	<b>51 to 58</b>	<b>40 to 49</b>	<b>5</b>
<b>D1</b>	<b>43 to 50</b>	<b>30 to 39</b>	<b>4</b>
<b>D2</b>	<b>35 to 42</b>	<b>20 to 29</b>	<b>3</b>

1. Qualifying Marks : For all subjects 35% each except second language (20%).
2. OSSC Candidates and Physically Handicapped Candidates are awarded grades and grade points in their own group.
3. Grade Point Average (GPA) is average of subject wise Grade Point.

Admitted as regular student  
to Jr./Sr. Intermediate for  
the year 2013-14

  
**PRINCIPAL**  
**Krishna Chaitanya Jr. College**  
**KANIGIRI - PrakasamDt**



# CHALAPATHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Accredited by NAAC with 'A' Grade, An ISO 9001-2008 Certified)

(Affiliated to Acharya Nagarjuna University, Guntur, Approved by AICTE, New Delhi)

S.No. : **2396**

CHALAPATHI NAGAR, LAM, GUNTUR - 34. Ph. : 0863-2524112, 113, Fax : 0863-2524117

## TRANSFER CERTIFICATE

Year : 2015 - 2016....

Admission No. : 2718.....

Regd. No. : Y15CS1203.

1. Name of the Student (in full) : ALU.RI....VARUN....NAGENDRA.....
2. Name of the Parent : ALU.RI....SOMASEKHARA....RAD.....
3. Nationality, Religion : Indian, Hindu.....
4. Date of Birth as entered in the admission register : 29-10-1996.....
5. Date of admission into the institution : 15-07-2015.....
6. Class and year in which the student was first admitted into the course : I.year..B.Tech..computer..Science.and..Engineering
7. (a) Date of leaving the institution : 30-04-2019.....
- (b) Medium of the Instruction : English.....
8. Class in which he/she was studying at the time of leaving the institution : IV year..B.Tech..completed.....
9. Whether the student has paid all the fees due to the institution : Yes.....
10. Whether the pupil was in receipt of any scholarship (Nature of the scholarship to be specified) : Economically Backward classes  
welfare department scholarship.....
11. Whether the pupil was in receipt of any concession (Nature of the concession to be specified) : Fee.....Reimbursement.....by.....Govt.....of.....A.P.....
12. Reasons for issuing Certificate : Course.....completion.....
13. Whether the student has applied for T.C. or whether the college has given it suo moto : Applied.....
14. Whether he/she is qualified for promotion to higher class : Yes.....
15. Character & Conduct : Satisfactory.....

Date : 09-08-2019

Office Seal



No. Class 100  
**PRINCIPAL**  
CHALAPATHI INSTITUTE OF  
ENGINEERING & TECHNOLOGY  
CHALAPATHI NAGAR, LAM,  
GUNTUR-34.



## CHALAPATHI INSTITUTE OF ENGINEERING & TECHNOLOGY,

LAM, GUNTUR-522034; Ph: 0863-2524112,113;

E-mail : [chalapathiengtech@yahoo.com](mailto:chalapathiengtech@yahoo.com)

Web-site : [www.chalapathiengg.ac.in](http://www.chalapathiengg.ac.in)

### STUDY AND CONDUCT CERTIFICATE

Admission No : **2718**

Regd. No.:**Y15CS1203**

*This is to certify that Mr/Ms.....* **ALURI VARUN NAGENDRA** .....

*S/o/D/o.....* **ALURI SOMASEKHARA RAO** .....

*has studied ..... **B.TECH., (COMPUTER SCIENCE & ENGINEERING)** ..... in this  
institution during the period 2015-2019. His/Her Conduct and Character is ..... **Satisfactory.***

Guntur

Date : **23-08-2019**

*M. Chalapathi*  
**PRINCIPAL**

**PRINCIPAL**  
**CHALAPATHI INSTITUTE OF**  
**ENGINEERING & TECHNOLOGY**  
**GUNTUR-34.**