



Anand Nagar, Krishnankoil - 626126, Srivilliputtur (via), Virudhunagar District, Tamilnadu.

**APPLICATION FOR ADMISSION TO Ph.D. PROGRAMMES**

Date of Application:23-06-2020

Department	COMPUTER SCIENCE AND ENGINEERING	Application No.	20200118
Area of Research	ARTIFICIAL INTELLIGENCE	Research Mode	PART TIME

Name :G KRISHNA LAVA KUMAR

Date of Birth / Age :16-12-1983 / 36 Years

Gender :MALE

Category :OC

e-Mail ID :lavakumar.gopu@gmail.com

Mobile :8985676607



*G. Krishna*

Father's/Husband's Name	SUBRAMANYAM	Father's/Husband's Occupation	SELF-EMPLOYED
Family Income	540000	Residential Type	URBAN
Birth Place	BAPATLA	Mother Tongue	TELUGU
Religion	HINDU	Martial Status	MARRIED
Aadhaar No.	712045573164	PAN No.	APVPG8037K
Physically Challenged	NO	Type of Disability	-
<b>Address for Communication:</b> 10-1-85, PLOT NO 241, RTC COLONY, RAMPALLY HYDERABAD MEDCHAL-MALKAJGIRI DISTRICT TELANGANA INDIA Pin-501301		<b>Permenant Address:</b> 10-1-85, PLOT NO 241, RTC COLONY, RAMPALLY HYDERABAD MEDCHAL-MALKAJGIRI DISTRICT TELANGANA INDIA Pin-501301	

Qualification						
Degree	Discipline	College/university	Year Passed	AVG/CGPA	Class	Mode
M.TECH	CS	JNTU HYDERABAD	2013	71.31	FIRST CLASS WITH DISTINCTION	REGULAR
B.TECH	CSE	JNTU HYDERABAD	2006	66.84	FIRST CLASS	REGULAR

Experience					
Organization	Designation	Experience From	Experience TO	Work Nature	
CMR INSTITUTE OF TECHNOLOGY	ASSISTANT PROFESSOR	2014-12-15	2020-06-23	TEACHING	
ST.MARTINS ENGINEERING COLLEGE	ASSISTANT PROFESSOR	2011-08-12	2014-12-15	TEACHING	
LORDS INSTITUTE OF ENGINEERING AND TECHNOLOGY	ASSISTANT PROFESSOR	2008-06-09	2011-07-31	TEACHING	

Payment Details
-----------------

Transaction ID	Reference	Date of transaction	Amount	Status
20200118_200623125536	SHMP8924484553	23-06-2020	600	SUCCESS

# Prediction of Heart Disease using Machine Learning Techniques

**Abstract:** Heart disease is one of the most significant causes of mortality in the world today. Prediction of heart disease is a critical challenge in the area of clinical data analysis. Machine learning (ML) has been shown to be effective in assisting in making decisions and predictions from the large quantity of data produced by the healthcare industry. We have also seen ML techniques being used in recent developments in different areas of the Internet of Things (IoT). Various studies give only a glimpse into predicting heart disease with ML techniques. I would like to propose a novel method that aims at finding significant features by applying machine learning techniques resulting in improving the accuracy in the prediction of heart disease.

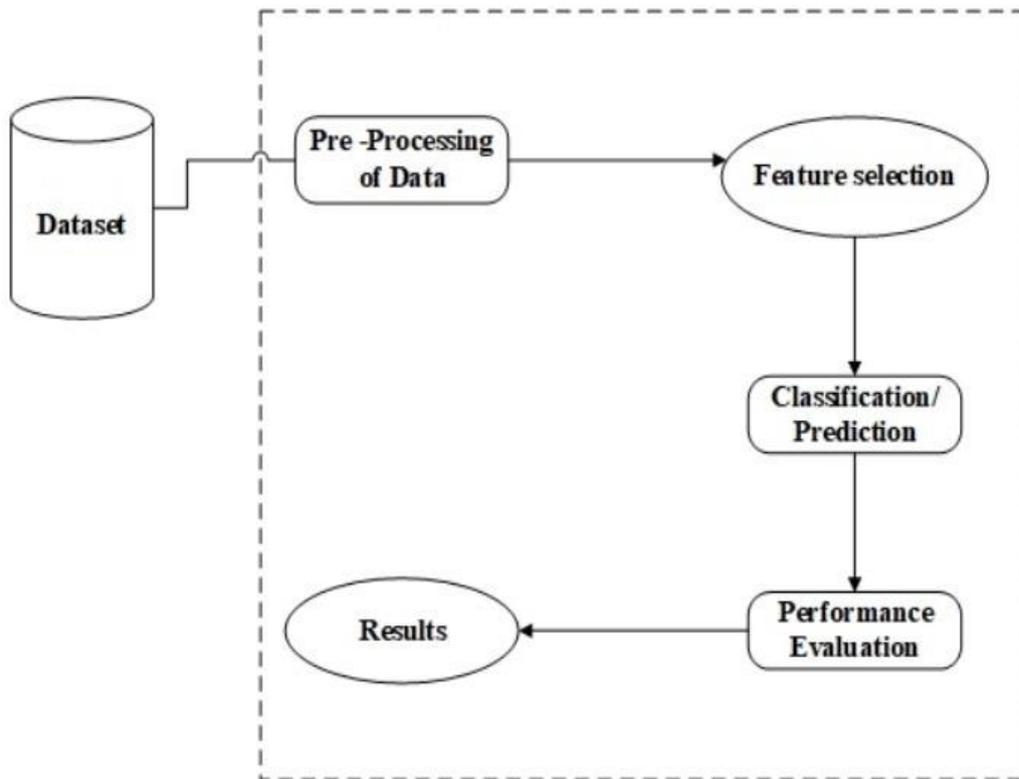
## Introduction:

It is difficult to identify heart disease because of several contributory risk factors such as diabetes, high blood pressure, high cholesterol, abnormal pulse rate and many other factors. Various techniques in data mining and neural networks have been employed to find out the severity of heart disease among humans. The severity of the disease is classified based on various methods like K-Nearest Neighbor Algorithm (KNN), Decision Trees (DT), Genetic algorithm (GA), and Naive Bayes (NB). The nature of heart disease is complex and hence, the disease must be handled carefully. Not doing so may affect the heart or cause premature death. The perspective of medical science and data mining are used for discovering various sorts of metabolic syndromes. Data mining with classification plays a significant role in the prediction of heart disease and data investigation. We have also seen recent developments in machine learning ML techniques used for Internet of Things (IoT) as well.

The machine learning predictive models need proper data for training and testing. The performance of machine learning model can be increased if balanced dataset is used for training and testing of the model. Furthermore, the model predictive capabilities can improve by using proper and related features from the data. Therefore, data balancing and feature selection is significantly important for model performance improvement. Feature selection has great influence in numerous applications such as building simpler, increasing learning performance, creating clean and understandable data. The feature selection from big data is challenging job and create big problems because big data has many dimensions. Further, challenges of feature selection for structured, heterogeneous and streaming data as well as its scalability and stability issues. For big data analytics challenges of feature selection is very important to resolve.

On another hand, suitable machine learning model is necessary for good results. Obviously, a good machine learning model is a model that not only performs well on data seen during training (else a machine learning model could simply learn the training data), but also on unseen data. To evaluate all classifiers on data and find that they get an average 50% of the cases

might be right. Further, more appropriate cross validation techniques and performance evaluation metrics are critical necessary for a model when model is train and test on dataset.



Work Flow for Prediction of Heart Disease using ML

### Conclusion:

Machine learning (ML) techniques are crucial in different business fields. Healthcare field facing more problems and it is becoming more expensive. Several ML techniques are used to rectify them. Various ML techniques are being used for prediction of various diseases like heart disease, breast cancer, diabetic disease and thyroid disease. Identifying the processing of raw healthcare data of heart information will help in the long term saving of human lives and early detection of abnormalities in heart conditions. Heart disease prediction is challenging and very important in the medical field. However, the mortality rate can be drastically controlled if the disease is detected at the early stages and preventative measures are adopted as soon as possible. So, I would like to do a detailed study on various existing algorithms being used in predicting heart diseases and analyze them. Then I would like to do my research with various machine learning algorithms or even try few hybrid techniques as well for improving the overall accuracy in the prediction of heart disease and reduce the overall deaths that occur due to heart disease.

by

G. Krishna Lava Kumar

CC 130191  
ON TR 2N ON NN ON



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY



HYDERABAD, ANDHRA PRADESH, INDIA

College Code: C1 ( A E C, ANANTHAGIRI )

*Mr. Krishna Lava Kumar G*  
*S/o G V Subramanyam*

having fulfilled the academic requirements and passed the examination  
held during *April - 2006* in *\* First Class \**  
has this day been admitted by the Executive Council to the Degree of

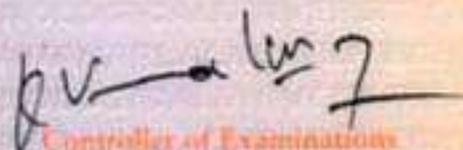
*Bachelor of Technology*  
*( Computer Science & Engineering )*

Given under the Seal of the University

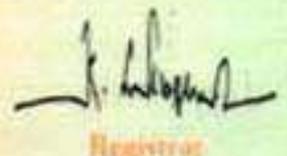
H.T.No : **02C11A0516**

0632680

Date : 30 March, 2007

  
Controller of Examinations

  
Director of Evaluation

  
Registrar

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

HYDERABAD - 500 085, TELANGANA STATE, INDIA

TS 677504



H.T No.: **10012D0505**

College Code : 01 ( JNTUHCE (AUTONOMOUS), HYDERABAD )

*Mr. G Krishna Lava Kumar*  
*No. G Subramanyam*

having fulfilled the academic requirements and passed the examination held during *May, 2013* in *First Class With Distinction* has this day been admitted by the Executive Council to the Degree of

*Master Of Technology*  
*Computer Science*

Given under the Seal of the University

Date: 12-02-2016



*[Signature]*

*[Signature]*

*[Signature]*

DIRECTOR OF EVALUATION

REGISTRAR

VICE CHANCELLOR



45200014151125

PC No  
313001591

# BOARD OF SECONDARY EDUCATION ANDHRA PRADESH



*M. S. Subudhakar Jacob*  
 Recog. by Govt. of A.P.  
 RC. No. 17.51/04  
 GAMA-52/ 185, Krishna

**SECONDARY SCHOOL CERTIFICATE**  
 PC/12/0093398/1

**VK116316**

CERTIFIED THAT **G KRISHNA LAVA KUMAR**  
**S/O G SUBRAMANYAM**  
 belongs to **MARIA NIVAS EM H S NANDIGAMA**

Bearing Roll No' 0266936

has appeared and PASSED at the SSC EXAMINATION held in **MARCH-2000**  
 in **FIRST** Division with **ENGLISH** as the medium of instruction.

DATE OF BIRTH OF THE CANDIDATE	DAY		MONTH	YEAR		
16/12/1983	ONE	SIX	DEC	ONE	NINE	EIGHT THREE

THE CANDIDATE SECURED THE FOLLOWING PERCENTAGE OF MARKS

SUBJECT	Marks Secured (in figures)	Marks Secured (in words)
FIRST LANGUAGE : ( TELUGU )	76	SEVEN SIX
THIRD LANGUAGE : ENGLISH	59	FIVE NINE
MATHEMATICS :	95	NINE FIVE
GENERAL SCIENCE :	76	SEVEN SIX
SOCIAL STUDIES :	69	SIX NINE
TOTAL :	375	( THREE SEVEN FIVE )
SECOND LANGUAGE : ( HINDI )	77	SEVEN SEVEN
GRAND TOTAL :	452	( FOUR FIVE TWO )

Marks of Identification : 1.

2.

*M. S. Subudhakar Jacob*  
 Maria Nivas English Medium School

Recog. by Govt. of A.P.

RC. No. 18/124

Head of Institution with School Stamp **NANDIGAMA-52/ 185, Krishna Dt.**

**SECRETARY**  
**BOARD OF SECONDARY EDUCATION**  
**A.P. HYDERABAD**

Date of issue : **06/05/2000**

All corrections in the certificate will not be entertained after one year from the date of issue.  
 Any unauthorized correction in the certificate will result in cancellation of certificate.  
 The marks with an asterisk indicates the old marks secured in previous appearance.



116316

Sl. No. **C277370**

07/1839/C277370



# Board of Intermediate Education A. P.

Vidya Bhavan, Nampally, Hyderabad-500 001



## PASS CERTIFICATE CUM MEMORANDUM OF

Sri Pratibha Junior College  
ONGOLE, Prakasam Dt - 523 002

This is to certify that **KRISHNA LAVA KUMAR GOPU** son / **Madhuc**  
of **VENKATA SUBRAMANYAM** passed the  
Intermediate Public Examination held in **MARCH 2002**  
with Registered No. : **5149112** in **ENGLISH** medium  
and is placed in **FIRST DIVISION.**

The subjects in which he/she is examined and the marks awarded are as follows :

Subject	Paper-I		Paper-II	
	Maximum Marks	Marks Obtained	Maximum Marks	Marks Obtained
Part - 1 : <b>ENGLISH</b>	100	087	100	077
Part - 2 : <b>SANSKRIT</b>	100	090	100	089
Part - 3 : Optional Subjects				
<b>MATHEMATICS-A</b>	075	075	075	075
<b>MATHEMATICS-B</b>	075	075	075	065
<b>PHYSICS</b>	060	060	060	053
<b>PHYSICS PRACTICAL</b>			030	028
<b>CHEMISTRY</b>	060	058	060	060
<b>CHEMISTRY PRACTICAL</b>			030	029
<b>Total Marks In Figures</b>	<b>921</b>			
<b>In Words</b>	<b>NINE *TWO***ONE***</b>			
<b>Date</b>	<b>10-05-2002</b>			



PRINCIPAL  
Sri Pratibha Junior College  
ONGOLE



N.S. Seelaji  
Controller of Examinations

NOTE: ELIGIBILITY RULES ARE OVERLEAF. \* INDICATES MARKS OBTAINED AT EARLIER EXAMINATION.

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY**  
**HYDERABAD - 500 072.**  
**ANDHRA PRADESH, INDIA**

**CONSOLIDATED MARKS MEMO / CREDIT SHEET**

GMM No: A 080537

Bachelor of Technology in **COMPUTER SCIENCE & ENGINEERING**

Serial No. **682379957303**  
 Name **KRISHNA LAVA KUMAR G**  
 Hall Ticket No **02C11A0516**

Year of Admission **2002-2003**

Name of the College **A.E.C. ANANTHARAM**  
 Month & Year of Final Exam **April, 2006**  
 Class Awarded **FIRST CLASS**

S.No	COURSE TITLE	INTERNAL MARKS	EXTERNAL MARKS	TOTAL	CREDITS	S.No	COURSE TITLE	INTERNAL MARKS	EXTERNAL MARKS	TOTAL	CREDITS
	THEORY Max	20	80	100			THEORY Max	20	80	100	
	LAB	25	50	75			LAB	25	50	75	

**I YEAR**

1	ENGLISH	15	42	57	6	2	MATHEMATICS - I	19	79	98	6
3	SOLID STATE PHYSICS	13	33	46	4	4	INFORMATION TECH & NUME. METHODS	19	28	47	4
5	C & DATA STRUCTURES	17	39	56	6	6	NETWORK THEORY	15	34	49	6
7	ELECTRONICS DEVICES & CIRCUITS	16	40	56	6	8	ENGINEERING DRAWING & PRACTICE	13	34	47	4
9	COMPUTER PROGRAMMING (LAB)	25	50	75	8	10	ELECTRONICS DEVICES & CKTS (LAB)	0	43	43	4

**I SEMESTER**

**II YEAR**

**II SEMESTER**

1	MATHEMATICS - II	20	73	93	4	1	PROBABILITY & STATISTICS	19	31	50	4
2	DISCRETE STRUCTURES & GRAPH THEORY	17	33	50	4	2	ELECTRICAL TECHNOLOGY	18	30	48	4
3	OBJECT ORIENTED PROGRAMMING	20	43	63	4	3	COMPUTER ORGANIZATION	18	28	46	4
4	LINEAR & DIGITAL IC APPLICATIONS	20	32	52	4	4	MANAGERIAL ECONOMICS & FINANCIAL A	19	37	56	4
5	SWITCHING THEORY & LOGIC DESIGN	20	55	75	4	5	OPERATING SYSTEMS & SYSTEM PROGRA	19	56	75	4
6	DESIGN & ANALYSIS OF ALGORITHMS	20	58	78	4	6	DATABASE MANAGEMENT SYSTEMS	18	34	52	4
7	OOPS LAB THROUGH JAVA	25	49	74	2	7	OPERATING SYSTEMS & SYSTEMS PROG	19	47	66	2
8	IC APPLICATIONS LAB	25	48	73	2	8	DATABASE MANAGEMENT SYSTEMS (LAB)	25	49	74	2

**I SEMESTER**

**III YEAR**

**II SEMESTER**

1	INTERFACING TH. MICRO PROCS	19	28	47	4	1	MANAGEMENT SCIENCE	19	38	57	4
2	ARTIFICIAL INTELLIGENCE	16	49	65	4	2	COMPUTER GRAPHICS	18	52	70	4
3	DATA COMMUNICATIONS	18	33	51	4	3	COMPUTER NETWORKS	18	56	75	4
4	PRINCIPLES OF PROGRAMMING LANGUAGE	18	40	58	4	4	ADVANCED COMPUTER ARCHITECTURE	17	38	55	4
5	OBJECT ORI. ANA. & DESN. TH. UML	17	39	56	4	5	LANGUAGE PROCESSORS	19	29	48	4
6	THEORY OF COMPUTATION	20	42	62	4	6	ADVANCED UNIX PROGRAMMING	16	33	49	4
7	INTERFACING TH. MICRO PROCS (LAB)	25	48	73	2	7	LANGUAGE PROCESSOR'S LAB	24	49	73	2
8	UML (LAB)	24	42	66	2	8	ADVANCED UNIX PROGRAMMING LAB	25	49	74	2

**I SEMESTER**

**IV YEAR**

**II SEMESTER**

1	SOFTWARE ENGINEERING	20	53	73	4	1	EMBEDDED SYSTEMS	18	55	74	4
2	DISTRIBUTED SYSTEMS	20	31	51	4	2	CELLULAR & MOBILE COMM.	18	41	59	4
3	MULTIMEDIA & WEB DESIGN	18	30	48	4	3	PROJECT WORK #	38	152	190	8
4	NETWORK SECURITY & CRYPTOGRAPHY	18	31	49	4						
5	MATHEMATICAL MODELING & SIMULATION	16	66	82	4						
6	DATA MINING & DATA WAREHOUSING	18	28	46	4						
7	MULTIMEDIA & WEB DESIGN LAB	23	48	71	2						
8	COMPUTER NETWORK LAB	25	46	71	2						

Number of Credits registered for **212**

(# Project Internal = 40, Externs = 160)

Aggregate Marks Secured for best **212** credits

**3392 OUT OF 5075 ( 66.84 % )**

Date of Declaration of Result **14 May 2008**

**CONTROLLER OF EXAMINATIONS**

(Please do not fold the memo/booklet)

(\*Courses registered for but not counted for calculation of aggregate)



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**  
**COLLEGE OF ENGINEERING AUTONOMOUS, HYDERABAD - 500 085**  
**ANDHRA PRADESH, INDIA**

**MEMORANDUM OF MARKS**



MEMO. NO. : **IM 16433**

SERIAL NO. : 3042990

EXAMINATION : M.Tech.(PTPG) I Semester Regular

BRANCH : COMPUTER SCIENCE

STUDENT'S NAME : KRISHNA LAVA KUMAR GOPU

HALL TICKET NO. :

**10012D0505**

MONTH & YEAR OF EXAM : November, 2010

INSTITUTION : JNTUHCE, HYDERABAD

S.No.	SUBJECT CODE	SUBJECT TITLE	INTERNAL MARKS	END EXAM	TOTAL MARKS	GRADE	CREDITS
1	CS101	ADVANCED PROBLEM SOLVING	28	36	64	B	
2	CS102	COMPUTER SYSTEM DESIGN	32	34	66	B	
3	CS103	JAVA & WEB TECHNOLOGIES	35	40	75	A	
4	CS151	ADV.PROBLEM SOLVING & WEB TECH.-(LAB)	38	55	93	A	
SUBJECTS REGISTERED : 4    APPEARED : 4    PASSED : 4    TOTAL :			133	165	298		

GRADE - % of Marks Secured

- A - 70% and above
- B - Below 70% not less than 60%
- C - Below 60% not less than 50%
- F - Below 50% / Fail



AGGREGATE (IN WORDS) \*\*\*\* Two Nine Eight \*\*\*\*\*

DATE OF ISSUE: 28-03-2011

VERIFIED BY

PRINCIPAL

INSTRUCTIONS:

THEORY SUBJECTS  
PRACTICAL SUBJECTS

MAXIMUM MARKS		
Internal	End Exam.	Total of Int. & End
40	60	100
40	60	100

MINIMUM MARKS FOR PASS

End Exam.	Total of Int. & End
24	50
24	50



**MEMORANDUM OF MARKS**

MEMO NO : IM 27246

SERIAL NO : 2182854

EXAMINATION : M.Tech.(PTPG) II Semester Reg

BRANCH : COMPUTER SCIENCE

STUDENT'S NAME : G KRISHNA LAVA KUMAR

HALL TICKET NO

10012D0505

MONTH & YEAR OF EXAM : May, 2011

INSTITUTION : JNTUICE, HYDERABAD

S.No.	SUBJECT CODE	SUBJECT TITLE	INTERNAL MARKS	END EXAM	TOTAL MARKS	GRADE	CREDITS
1	CS201	HIGH SPEED NETWORKS	33	24	57	C	
2	CS204	ADVANCED DATA BASE & DATA MINING	32	24	56	C	
3	CS208	INFORMATION RETRIEVAL SYSTEMS	27	29	56	C	
4	CS291	SEMINAR	45	-	45	A	
SUBJECTS REGISTERED : 4    APPEARED : 4    PASSED : 4    TOTAL			137	77	214		

GRADE - % of Marks Secured

- A - 70% and above
- B - Below 70% not less than 60%
- C - Below 60% not less than 50%
- F - Below 50% / Fail



AGGREGATE (IN WORDS) \*\*\*\* Two One Four \*\*\*\*\*

DATE OF ISSUE: 05-09-2011

VERIFIED BY

PRINCIPAL

INSTRUCTIONS:

	MAXIMUM MARKS			MINIMUM MARKS FOR PASS	
	Internal	End Exam	Total of Int. & End	End Exam	Total of Int. & End
THEORY SUBJECTS	40	60	100	24	50
PRACTICAL SUBJECTS	40	60	100	24	50



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**  
**COLLEGE OF ENGINEERING AUTONOMOUS, HYDERABAD - 500 085**  
**ANDHRA PRADESH, INDIA**

**MEMORANDUM OF MARKS**



MEMO. NO. : **IM 27876**

SERIAL NO. : 2982743

EXAMINATION : M.Tech. (PTPG) III Sem. Reg.

HALL TICKET NO. : **10012D0505**

BRANCH : COMPUTER SCIENCE

STUDENT'S NAME : G KRISHNA LAVA KUMAR

MONTH & YEAR OF EXAM : December, 2011

INSTITUTION : JNTUHCE, HYDERABAD

S.No.	SUBJECT CODE	SUBJECT TITLE	INTERNAL MARKS	END EXAM	TOTAL MARKS	GRADE	CREDITS
1	CS301	LINUX PROGRAMMING	29	37	66	B	
2	CS302	DISTRIBUTED SYSTEMS	33	44	77	A	
3	CS303	NETWORK SECURITY & CRYPTOGRAPHY	32	38	70	A	
4	CS351	LINUX & DISTRIBUTED SYSTEMS -(LAB)	37	42	79	A	
SUBJECTS REGISTERED : 4    APPEARED : 4    PASSED : 4    TOTAL :			131	161	292		

GRADE - % of Marks Secured

- A - 70% and above
- B - Below 70% not less than 60%
- C - Below 60% not less than 50%
- F - Below 50% / Fail



AGGREGATE (IN WORDS) \*\*\*\* Two Nine Two \*\*\*\*

DATE OF ISSUE: 12-04-2012

*[Signature]*

VERIFIED BY

*[Signature]*

PRINCIPAL

INSTRUCTIONS:

	MAXIMUM MARKS			MINIMUM MARKS FOR PASS	
	Internal	End Exam	Total of Int. & End	End Exam	Total of Int. & End
THEORY SUBJECTS	40	60	100	24	50
PRACTICAL SUBJECTS	40	60	100	24	50

Note: 1) The application for the recounting of marks with prescribed fee should be submitted within 15 days from the date of publication of results.

2) Any discrepancy must be represented within 15 days from the date mentioned above.

**MEMORANDUM OF MARKS**



MEMO. NO. : **IM 18870**

SERIAL NO. : 2522700

EXAMINATION : M Tech (PTPG) IV Semester (Reg)

HALL TICKET NO.

**10012D0505**

BRANCH : COMPUTER SCIENCE

STUDENT'S NAME : G KRISHNA LAVA KUMAR

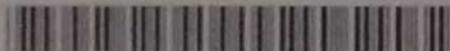
MONTH & YEAR OF EXAM : April, 2012

INSTITUTION : JNTUHCE, HYDERABAD

S.No.	SUBJECT CODE	SUBJECT TITLE	INTERNAL MARKS	END EXAM	TOTAL MARKS	GRADE	CREDITS
1	CS401	SOFTWARE DESIGN & ENGINEERING	34	42	76	A	
2	CS402	ADVANCED COMPUTER ARCHITECTURE	38	36	74	A	
3	CS404	MOBILE COMPUTING	32	24	56	C	
4	CS491	SEMINAR	44	--	44	A	
SUBJECTS REGISTERED : 4    APPEARED : 4    PASSED : 4    TOTAL :			148	102	250		

GRADE - % of Marks Secured

- A - 70% and above
- B - Below 70% not less than 60%
- C - Below 60% not less than 50%
- F - Below 50% / Fail



AGGREGATE (IN WORDS)

\*\*\*\* Two Five Zero \*\*\*\*\*

DATE OF ISSUE: 17-08-2012

VERIFIED BY

PRINCIPAL

INSTRUCTIONS:

	MAXIMUM MARKS			MINIMUM MARKS FOR PASS	
	Internal	End Exam	Total of Int. & End	End Exam	Total of Int. & End
THEORY SUBJECTS	40	60	100	24	50
PRACTICAL SUBJECTS	40	60	100	24	50



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**  
**COLLEGE OF ENGINEERING AUTONOMOUS, HYDERABAD - 500 085**  
**ANDHRA PRADESH, INDIA**



**MEMORANDUM OF MARKS**

MEMO. NO. : **IM 25033**

SERIAL NO. : 872537

EXAMINATION : M.Tech. (P.T.P.G) V Sem.

HALL TICKET NO. :

**10012D0505**

BRANCH : COMPUTER SCIENCE

STUDENT'S NAME : G KRISHNA LAVA KUMAR

MONTH & YEAR OF EXAM : December, 2012

INSTITUTION : JNTUHCE, HYDERABAD

S.No.	SUBJECT CODE	SUBJECT TITLE	INTERNAL MARKS	END EXAM	TOTAL MARKS	GRADE	CREDITS
1	CS591	SEMINAR	46	--	46	A	
2	CS592	COMPREHENSIVE VIVA VOCE	--	41	41	A	
SUBJECTS REGISTERED : 2    APPEARED : 2    PASSED : 2    TOTAL :			46	41	87		

GRADE - % of Marks Secured

- A - 70% and above
- B - Below 70% not less than 60%
- C - Below 60% not less than 50%
- F - Below 50% / Fail



AGGREGATE (IN WORDS) : \*\*\*\* Zero Eight Seven \*\*\*\*

DATE OF ISSUE: 15-03-2013

VERIFIED BY

PRINCIPAL

INSTRUCTIONS:

THEORY SUBJECTS  
 PRACTICAL SUBJECTS

MAXIMUM MARKS		
Internal	End Exam.	Total of Int. & End
50	0	50
0	50	50

MINIMUM MARKS FOR PASS	
End Exam.	Total of Int. & End
0	25
25	25

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD  
KUKATPALLY, HYDERABAD - 500 085**

HT No: 10012D0505



Sl. No. H (A) 001292

1467

**MEMORANDUM OF MARKS**

III Year

Name of the Examination : M.Tech.(COMPUTER SCIENCE)

Name of the Candidate : G KRISHNA LAVA KUMAR

Institution : 01 (JNTUHCE(AUTONOMOUS),HYD)

Month & Year of Examination : May, 2013

Sl.No.	Subjects	Max Marks	Marks/ Grade Secured	Result
1.	SEMINAR	-	-	-
2.	PROJECT	-	B	PASS
	Total	-	-	

Marks Secured in words:

Date: June 1, 2013

Verified by

Principal

LEGEND : [A - Excellent, B-Good, C-Satisfactory, D-Not Satisfactory]

S.No. 11490

ORIGINAL



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**  
**COLLEGE OF ENGINEERING HYDERABAD**  
**(Autonomous)**

Kukatpally, Hyderabad - 500 085.

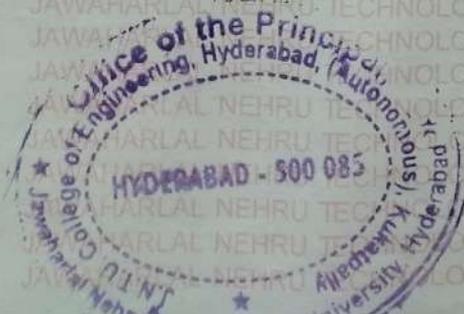
Ph.No. : 040-23158661-4

**TRANSFER CERTIFICATE**

Hall Ticket No. **10012D0505**

Date : **17-08-2013**

1. Name of the Pupil : **G KRISHNA LAVA KUMAR**
2. Name of Father / Guardian : **G SUBRAMANYAM**
3. Name of Mother : **--**
4. Nationality / Religion / Caste : **INDIAN / HINDU / OC**
5. Date of Birth as entered in the admission Register : **16-12-1983 (Sixteenth December Nineteen Eighty Three)**
6. Class in which the pupil was studying at the time of leaving (in words) : **M.Tech. (COMPUTER SCIENCE)**
7. Date of admission : **26-05-2010**
8. Whether qualified for promotion to a higher class : **YES, FIRST CLASS WITH DISTINCTION**
9. Whether the Pupil has paid all the fees due to the college : **YES**
10. Date of leaving : **01-06-2013**
11. Date on which application for transfer certificate was made : **14-08-2013**
12. Conduct : **GOOD**
13. General Remarks : **--**



**PRINCIPAL**  
**JNTUH College of Engineering Hyderabad**

**APPOINTMENT ORDER**

**Ch. Gopal Reddy, B.E.**  
Secretary & Correspondent

Date: 15-12-2014.

To  
Mr. G. Krishna Lava Kumar,  
Flat No. 102, Mastana Towers,  
Gajularamaram, Hyderabad – 55.

Dear Sir,

**Sub:** CMRIT - Appointment order for the position of Asst. Professor -Reg.

**Ref:** Proceedings of the Selection Committee, dated: 07-12-2014.

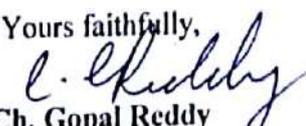
\*\*\*

On the recommendation of selection committee, the Management is glad to offer you the position of **Asst. Professor** in the **Department of CSE** with the consolidated salary of **Rs. 31,500/-** per month, subject to the following terms and conditions:

1. The above salary will not carry any usual allowances admissible by the Institution/ Affiliating University.
2. You shall be on probation for a period of **two** years in case of starting cadre / **one** year in case of senior cadre with effect from the date of joining.
3. You should report to the Principal on or before **15.12.2014**, failing which the appointment is liable to be cancelled.
4. You should perform duties / work assigned by the HOD / Principal from time to time. You are required to shoulder any other responsibility connected with the college, assigned to you.
5. You should submit all original certificates such as qualifying education, experience, relieving orders, salary certificate from ex-employer, caste certificate if applicable, copy of PAN card and address proof, one set of Xerox copies along with two recent passport size photographs.
6. You shall be drawing the next increment after completion of **12** months of satisfactory service. In addition to the terms and conditions of employment specifically stated here, you will also be governed by the rules, regulations and such other practices, system, procedures and policies framed, amended, modified or omitted by the institute from time to time.
7. You should update the college with any change in your address / marital status immediately. You should also submit the copies of the certificates of the Degree / Diploma on completion of any higher education/ qualification.
8. During the period of probation, the appointment can be relinquished with one month's notice from either side and after probation it will be three months notice from either side. However, term of notice period will be at the sole discretion of the Institution. Resignation will not be accepted during the academic session. It may be submitted on the last working day of the academic year i.e., 30<sup>th</sup> April.
9. JNTUH ratification is mandatory for fulfillment of University norms.
10. Your services are transferable to any other Institution under CMRGI.

*We welcome you to the Institution and expect your contribution to the growth of the organization.*

Yours faithfully,

  
**Ch. Gopal Reddy**  
Secretary & Correspondent

**Copy to:**

1. Personal File
2. Establishment File
3. Accounts Officer



ISO 9001:2008



CERTIFIED

## ST. MARTIN'S ENGINEERING COLLEGE

A Non Minority Institution • Permanently Affiliated to JNTUH • Approved by AICTE

NBA Accredited\* • ISO 9001:2008 Certified

**Dr.C.Venkataramana Reddy**

B.E., M.Tech, Ph.D., MCI, MISTE, MIE, FIPE, MSEN, MIEEE, FIETE

Principal

Email: principal.smec@gmail.com

Date: 16-12-2014

### RELIEVING ORDER

This is to certify that Mr.G.Krishna Lava Kumar has worked as Asst.Prof., in the Department of Information Technology in our college from the year 12-08-2011 to 15-12-2014 and he has been relieved from duties in the afternoon of 15-12-2014.

Principal  
**PRINCIPAL**

ST. MARTIN'S ENGINEERING COLLEGE  
DHULAPALLY, SECUNDERABAD-14



**LORDS INSTITUTE OF  
ENGINEERING & TECHNOLOGY**

Date: 31.07.2011

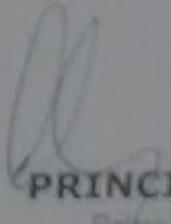
**SALARY CUM SERVICE CERTIFICATE**

This is to certify that **Mr.G.Krishna Lava Kumar,**  
**Assistant Professor** of **CSE** department has rendered his  
services from **09.06.2008** to **31.07.2011.**

His salary details for the month of April 2009 are as follows:

Basic	Rs. 8,550
HRA	Rs. 850
DA	Rs. 8,600
	-----
<b>Gross</b>	<b>Rs.18,000</b>
	-----

We wish him success in all future endeavors.

  
**PRINCIPAL**

Principal

Lords Institute of Eng & Tech  
Sy. No. 32, Himayath Sagar,  
Golconda P.O.,  
Hyderabad-500 008.



G. Krishna



भारतीय विशिष्ट पहचान प्राधिकरण  
भारत सरकार  
Unique Identification Authority of India  
Government of India



E-Aadhaar Letter

అధ్యయన/Enrolment No.: 1190/62183/01095

Date: 07/11/2013  
Krishna Lava Kumar Gopu (కృష్ణ లవ కుమార్ గోపు)  
S/O: Venkata Subramanyam Gopu, 555, Near Saibaba Temple Road, Pragathinagar, Nizampet, K.V. Rangareddy, Andhra Pradesh - 500090

సమాచారం

- అధార్ సర్క్యులు ద్వారేయం, పాఠశాలానికి కాదు.
- సర్క్యులు ద్వారేయం ఆన్లైన్ అధికారిక వెబ్ సైట్ ద్వారా చేయవచ్చు.
- ఇది ఎలక్ట్రానిక్ పద్ధతిలో వ్రాయబడిన లేఖ.

మీ అధార్ నంబర్/Your Aadhaar No.:

7120 4557 3164



అధార్-సామాన్యమానవుడి చాక్యు

1947 1800 300 1947 help@uidai.gov.in www.uidai.gov.in

INFORMATION

- Aadhaar is a proof of identity, not of citizenship.
- To establish identity, authenticate online.
- This is electronically generated letter.

- అధార్ దేశమంతటా చెల్లుతుంది.
- అధార్ అధార్ కేంద్రం, ఒకే సారి నమోదు చేసుకుంటే సరిపోతుంది.
- దయచేసి మీ లాజిక్స్ నెంబర్ నుండి మరియు ఈ-మెయిల్ అడ్రస్ నమోదు చేసుకోండి తీవ్రతలను మీరు విధిస్తూ ప్రయోజనాలను పొందే వీలుంటుంది.
- Aadhaar is valid throughout the country.
- You need to enrol only once for Aadhaar.
- Please update your mobile number and e-mail address. This will help you to avail various services in future.

 <b>भारत सरकार</b> GOVERNMENT OF INDIA	 <b>भारतीय विशिष्ट पहचान प्राधिकरण</b> UNIQUE IDENTIFICATION AUTHORITY OF INDIA
 కృష్ణ లవ కుమార్ గోపు Krishna Lava Kumar Gopu పుట్టిన తేదీ/ DOB: 16/12/1983 పురుషుడు / MALE	<b>చిరునామా:</b> S/O: వెంకట సుబ్రహ్మణ్యం గోపు, 555, సాయిబాబా దేవాలయం మార్గము దగ్గర, ప్రగతి నగర్, నిజాపేట్, కె.వి.రంగారెడ్డి, ఆంధ్ర ప్రదేశ్ - 500090 <b>Address:</b> S/O: Venkata Subramanyam Gopu, 555, Near Saibaba Temple Road, Pragathinagar, Nizampet, K.V. Rangareddy, Andhra Pradesh - 500090
7120 4557 3164 అధార్-సామాన్యమానవుడి చాక్యు	<b>Aadhaar-Aam Admi ka Adhikar</b>

*G. Krishna*

**ANNEXURE-I**

**CERTIFICATE FROM THE ORGANISATION WHERE THE CANDIDATE IS EMPLOYED**

Certified that Mr. G. Krishna Lava Kumar is  
employed as Assistant Professor (Designation) in the  
Computer Science and Engineering (Department/Division Name)  
of CMR Institute of Technology, Hyderabad  
(Institution/Industry Name).

We have no objection in forwarding his application for the Ph.D. Research Programme.

**FOR FULL TIME:**

The candidate will be sanctioned leave for the duration of the research programme and will be relieved from duty from \_\_\_\_\_ to \_\_\_\_\_ to undertake the full time research work in the University.

**FOR PART TIME:**

The candidate will be permitted to undertake part time study in the University/College and will be allowed to be present for discussions with the supervisor, attending course works, conduct of experiments and participations in seminars and related presentations. Further the required facilities at our organization will also be provided to the candidate for doing research.

Date: 22-06-2020



Signature of the Head of Organization with office seal

