

OU 741837

# Osmania University



Faculty of Engineering

Roll No. 100516742124

Medium: English



This is to certify that Benjamin Mbuu Mutua

Father's Name Dominic Mutua Mbuu

Mother's Name Elizabeth Mutua

has been awarded the degree of

**Master Of Technology**

Computer Science & Engineering

of this University, having passed the qualifying Examination

held in July-2018,

in the First Division,

With Distinction


Given under the seal of the University

E/N091800404



Hyderabad

Dated 20 Sep, 2018

  
Vice-Chancellor





ATTESTED

A.B. NARSING RAO

Entered in the Notarial Register  
B.Sc., LL.B. No. 6963 Page No. 196 Dt. 20/9/18

ADVOCATE & NOTARY  
H No. 1-7-631/2/E, Gemini Colony  
Ramnagar, Musheerabad,  
Hyderabad-48 T.S., India

120 SEP 2018



"AUTHENTICATED"



(N. SHANKAR)

Addl. Secretary to Govt. (General)  
General Administration Dept.,  
Telangana State Secretariat,  
Hyderabad India

C.No. 9686 /NRI/2018

Dated 22-09-2018

Degree Prepared, Verified & Compared by

Prepared by	Section Incharge	Controller of Examinations
		

भारत सरकार GOVERNMENT OF INDIA  
अपोस्टिल / APOSTILLE  
(Convention de La Haye du 5 octobre 1961)

Country INDIA

This Public document of the type  
CERTIFICATE

is issued to BENJAMIN MBUU MUTUA

has been signed by VICE CHANCELLOR

with the seal / stamp of ADDL. SECRETARY TO GENERAL G A  
D GOVT OF TELANGANA STATE

Certified by  
SECTION OFFICER, BRANCH SECRETARIAT, M.E.A. GOVT OF INDIA  
24-Sep-2018 at HYDERABAD, INDIA

Reference No. OUAP0000047918

Stamp  
HYDERABAD BRANCH

G.V.V. Surya Bhagawan  
अनुभाग अधिकारी / Section Officer  
विदेश मामलों शाखा सचिवालय  
M.E.A. Branch Secretariat  
हैदराबाद / Hyderabad.





Osmania University

Hyderabad - 500 007, T.S., India

800245

CONSOLIDATED GRADE CARD

Master of Engineering / Master of Technology

2016 - 2018

Date : 10-09-2018

H.T. No. : 100516742124  
Name : BENJAMIN MBUU MUTUA  
Father's Name : DOMINIC MUTUA MBUU  
Mother's Name : ELIZABETH MUTUA  
Branch : Computer Science and Engineering  
Specialization : COMPUTER SCIENCE AND ENGINEERING

S.No.	SUBJECTS	Grade Secured	Credits
1	ADVANCED ALGORITHMS	B+	3
2	OBJECT ORIENTED SOFTWARE ENGINEERING	A+	3
3	INFORMATION RETRIEVAL SYSTEM	A+	3
4	ADVANCED OPERATING SYSTEMS	A	3
5	PARALLEL COMPUTER ARCHITECTURE	B+	3
6	NETWORK SECURITY	A	3
7	SOFTWARE LAB I	A+	2
8	SEMINAR I	A+	2
9	ADVANCED DATABASES	A	3
10	DISTRIBUTED COMPUTING	B+	3
11	ARTIFICIAL INTELLIGENCE	A	3
12	GRID COMPUTING	A	3
13	NEURAL NETWORKS	A	3
14	IMAGE PROCESSING	A+	3
15	SOFTWARE LAB II	A+	2
16	SEMINAR II	A	2
17	PROJECT SEMINAR AND DISSERTATION	A+	8
18	PROJECT/DISSERTATION	A+	16
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=====		=====	=====



Cumulative Grade Point Average (CGPA) :9.44

Equivalent Percentage of Marks : 86.70 %

Division : FIRST CLASS WITH DISTINCTION

Superintendent

Director of Evaluation  
Examination Cell

Controller of Examination  
Osmania University



### Minimum qualifying marks and grades

Each Theory Course (CIE + SEE)	}	50% - 'C' Grade
Each Laboratory Course (CIE)		
Each Seminar (CIE)		
Dissertation Seminar (SEE)		
Dissertation (SEE)		

### Grades are awarded based on the following criteria

Academic Performance	Letter Grade	Grade Points
Marks $\geq 90\%$	A+	10
$80\% \leq \text{Marks} < 90\%$	A	09
$70\% \leq \text{Marks} < 80\%$	B+	08
$60\% \leq \text{Marks} < 70\%$	B	07
$50\% \leq \text{Marks} < 60\%$	C	06
Marks $< 50\%$	F	0

a) Semester Grade Point Average (SGPA):

$$\text{SGPA} = \frac{\sum(\text{Grade Points} \times \text{Credits})}{\sum(\text{Credits})}$$

b) Cumulative Grade Point Average (CGPA) :

$$\text{SGPA} = \frac{\sum[(\text{SGPA}) \times (\text{Total Credits})]}{\sum(\text{Total Credits})}$$

#### Note:

1. Candidate securing F Grade in a subject is considered to be failed in that subject (Theory & Practical).
2. Ab: Stands for Absent.
3. SGPA is calculated only when all subjects in that semester are passed.
4. SGPA & CGPA are calculated upto second decimal point.
5. CIE: Continuous Internal Evaluation: SEE: Semester End Examination.





Osmania University

Hyderabad - 500 007, T.S.

MC 915246

## Migration Certificate

Dated : 10-09-2018

This is to certify that this University has no objection to

Mr. / Ms. BENJAMIN MBUU MUTUA

Son / daughter of DOMINIC MUTUA MBUU


Mother's Name ELIZABETH MUTUA

to pursue his / her further studies in any other University.

He / She bearing H.T. No. 100516742124 Passed

M.E. / M.Tech. course of COMPUTER SCIENCE AND ENGINEERING

Branch with COMPUTER SCIENCE AND ENGINEERING Specialization.

  
for Registrar

Seal

