

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

HYDERABAD - 500 085, TELANGANA STATE, INDIA

TS 1404767



H.T No.: 14D01A0455

College Code : D0 (S M C E T, DESHMUKHI )

*Mr. Sadam Yahye Osman*

*S/o. Yahye Osman*

having fulfilled the academic requirements and passed the examination  
held during *May - 2019* in *First Class*

has this day been admitted by the Executive Council to the Degree of

*Bachelor of Technology*

*Electronics & Communication Engineering*

Given under the Seal of the University

Date: 04-06-2020



*[Signature]*

DIRECTOR OF EVALUATION

*[Signature]*

REGISTRAR

*[Signature]*

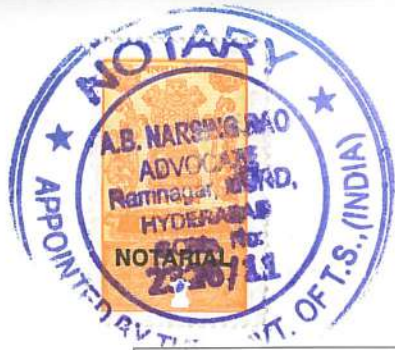
VICE CHANCELLOR

CMM No  
21361001699



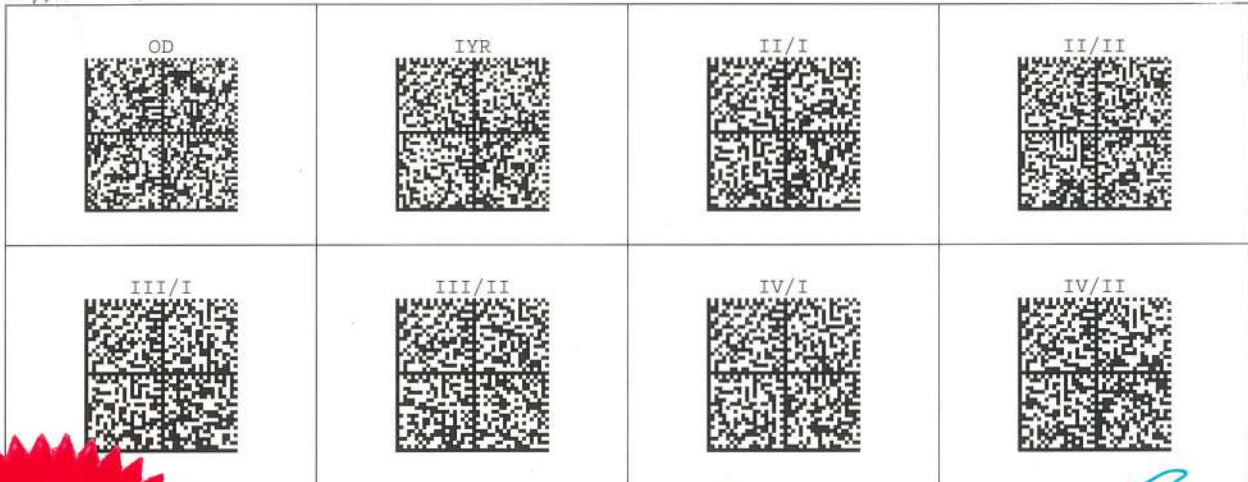
410001000025

PC No  
31361001488



ATTESTED  
A.B. NARSING RAO  
B.Sc., LL.E  
ADVOCATE & NOTARY  
No. 1-7-631/2/E, Gemini Colo  
Ramnagar, Musheerabad  
Hyderabad-48 TS, India.

Entered in the Notarial Register  
SI No. 604 Page No. 19  
12 FEB 2021



सं. 2219 दिनांक 24/02/2021  
No. .... Date.....

राज्य सरकार के सचिव / अपर सचिव / उप  
सचिव / अवर सचिव / अधीनस्थ सचिव / अ  
अधिकारी के हस्ताक्षर प्रमाणित किये जाते हैं  
The Signature of Secretary / Additio  
Secretary / Deputy Secretary / Under  
Secretary / Asst. Secretary / Section  
Officer of State Government Attester



विक्रम सिंह ठाकुर  
VIKRAM SINGH THAKUR  
अनुभाग अधिकारी/Section Officer  
विदेश मंत्रालय शाखा सचिवालय  
M.E.A. Branch Secretariat  
हैदराबाद/Hyderabad

69.5% and above

: FIRST CLASS WITH DISTINCTION

59.5% & above and below 69.5%

: FIRST CLASS

49.5% & above and below 59.5%

: SECOND CLASS

Below 49.5%

: PASS CLASS

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

C. No. 899 /NRI/2021

14D01A0455

Country

REPUBLIC OF INDIA

This public document  
CERTIFICATE

has been signed by VICE CHANCELLOR  
acting in the capacity of VICE CHANCELLOR  
bears the seal/stamp of ADDL. SECRETARY TO GOVT. GAD  
DEPT., TELANGANA STATE SECRETARIAT, HYDERABAD

Certified

at HYDERABAD, INDIA the 24-Feb-2021  
by Section Officer of M.E.A Branch Secretariat, Hyderabad.

No. JNTU0000027721

Seal / Stamp

SADAM YAHYE OSMAN

Signature

विक्रम सिंह ठाकुर  
VIKRAM SINGH THAKUR  
अनुभाग अधिकारी/Section Officer  
विदेश मंत्रालय शाखा सचिवालय  
M.E.A. Branch Secretariat  
हैदराबाद/Hyderabad

Controller of Examinations



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

HYDERABAD - 500 085, TELANGANA STATE, INDIA.

## CONSOLIDATED MEMO OF MARKS/GRADES AND CREDITS

B.Tech. **ELECTRONICS & COMMUNICATION ENGINEERING**

CMM. No. **C 0963801**

Serial No. : 21361001699

Name : **SADAM YAHYE OSMAN**

Hall Ticket No. : **14D01A0455** Year of Admission : 2014-2015



Name of the College : **D0-S M C E T, DESHMUKHI**

Month & Year of Final Exam : **May, 2019**

Class Awarded : **FIRST CLASS**

| S.No. | SUBJECT TITLE           | INT MARKS | EXT MARKS | TOTAL | CREDITS | S.No. | SUBJECT TITLE        | INT MARKS | EXT MARKS | TOTAL | CREDITS |
|-------|-------------------------|-----------|-----------|-------|---------|-------|----------------------|-----------|-----------|-------|---------|
|       | Maximum Marks in Theory | 25        | 75        | 100   |         |       | Maximum Marks in Lab | 25        | 50        | 75    |         |

### I YEAR

|    |                                            |    |    |    |   |    |                                             |    |    |    |   |
|----|--------------------------------------------|----|----|----|---|----|---------------------------------------------|----|----|----|---|
| 1  | ENGINEERING CHEMISTRY                      | 18 | 26 | 44 | 6 | 2  | MATHEMATICS - I                             | 19 | 26 | 45 | 6 |
| 3  | MATHEMATICAL METHODS                       | 19 | 26 | 45 | 6 | 4  | ENGINEERING PHYSICS                         | 20 | 26 | 46 | 6 |
| 5  | COMPUTER PROGRAMMING                       | 20 | 33 | 53 | 6 | 6  | ENGINEERING WORKSHOP / IT WORKSHOP          | 20 | 48 | 68 | 4 |
| 7  | ENGLISH                                    | 21 | 27 | 48 | 4 | 8  | ENGINEERING DRAWING                         | 21 | 30 | 51 | 6 |
| 9  | ENGLISH LANGUAGE COMMUNICATION SKILLS LAB. | 21 | 42 | 63 | 4 | 10 | ENGINEERING PHYSICS & ENGINEERING CHEMISTRY | 23 | 47 | 70 | 4 |
| 11 | COMPUTER PROGRAMMING LAB.                  | 25 | 50 | 75 | 4 |    |                                             |    |    |    |   |

### I SEMESTER

### II YEAR

### II SEMESTER

|   |                                             |    |    |     |   |   |                                              |    |    |    |   |
|---|---------------------------------------------|----|----|-----|---|---|----------------------------------------------|----|----|----|---|
| 1 | PROBABILITY THEORY AND STOCHASTIC PROCESSES | 20 | 58 | 78  | 4 | 1 | ELECTROMAGNETIC THEORY AND TRANSMISSION LINE | 19 | 42 | 61 | 4 |
| 2 | ELECTRICAL CIRCUITS                         | 21 | A  | 21* | 0 | 2 | PULSE AND DIGITAL CIRCUITS                   | 20 | 29 | 49 | 4 |
| 3 | MATHEMATICS - III                           | 22 | A  | 22* | 0 | 3 | ELECTRICAL TECHNOLOGY LAB                    | 21 | 50 | 71 | 2 |
| 4 | SIGNALS AND SYSTEMS                         | 22 | 26 | 48  | 4 | 4 | ELECTRONIC CIRCUIT ANALYSIS                  | 25 | 26 | 51 | 4 |
| 5 | SWITCHING THEORY AND LOGIC DESIGN           | 23 | 26 | 49  | 4 | 5 | ENVIRONMENTAL STUDIES                        | 25 | 26 | 51 | 4 |
| 6 | ELECTRONIC DEVICES AND CIRCUITS LAB         | 23 | 48 | 71  | 2 | 6 | PRINCIPLES OF ELECTRICAL ENGINEERING         | 25 | 28 | 53 | 4 |
| 7 | BASIC SIMULATION LAB                        | 24 | 49 | 73  | 2 | 7 | DIGITAL DESIGN USING VERILOG HDL             | 25 | 35 | 60 | 4 |
| 8 | ELECTRONIC DEVICES & CIRCUITS               | 25 | 28 | 53  | 4 | 8 | GENDER SENSITIZATION* ^                      | 25 | 47 | 72 | 2 |
|   |                                             |    |    |     |   | 9 | ELECTRONIC CIRCUITS AND PULSE CIRCUITS LAB   | 25 | 50 | 75 | 2 |

### I SEMESTER

### III YEAR

### II SEMESTER

|   |                                             |    |    |    |   |   |                                             |    |    |    |   |
|---|---------------------------------------------|----|----|----|---|---|---------------------------------------------|----|----|----|---|
| 1 | ANALOG COMMUNICATIONS LAB                   | 23 | 47 | 70 | 2 | 1 | VLSI DESIGN                                 | 19 | 26 | 45 | 4 |
| 2 | COMPUTER ORGANIZATION AND OPERATING SYSTEMS | 24 | 31 | 55 | 4 | 2 | DISASTER MANAGEMENT                         | 21 | 49 | 70 | 4 |
| 3 | IC APPLICATIONS AND HDL SIMULATION LAB      | 24 | 48 | 72 | 2 | 3 | DIGITAL SIGNAL PROCESSING                   | 22 | 26 | 48 | 4 |
| 4 | ELECTRONIC MEASUREMENTS AND INSTRUMENTATION | 25 | 26 | 51 | 4 | 4 | MANAGERIAL ECONOMICS AND FINANCIAL ANALYSIS | 23 | 26 | 49 | 4 |
| 5 | ANALOG COMMUNICATIONS                       | 25 | 26 | 51 | 4 | 5 | MICROPROCESSORS AND MICROCONTROLLERS        | 23 | 30 | 53 | 4 |
| 6 | ANTENNAS AND WAVE PROPAGATION               | 25 | 27 | 52 | 4 | 6 | DIGITAL COMMUNICATIONS                      | 23 | 32 | 55 | 4 |
| 7 | CONTROL SYSTEMS ENGINEERING                 | 25 | 32 | 57 | 4 | 7 | MICROPROCESSORS AND MICROCONTROLLERS LAB    | 24 | 47 | 71 | 2 |
| 8 | LINEAR AND DIGITAL IC APPLICATIONS          | 25 | 32 | 57 | 4 | 8 | DIGITAL SIGNAL PROCESSING LAB               | 24 | 48 | 72 | 2 |

### I SEMESTER

### IV YEAR

### II SEMESTER

|   |                                                  |    |    |    |   |   |                                                  |    |     |     |    |
|---|--------------------------------------------------|----|----|----|---|---|--------------------------------------------------|----|-----|-----|----|
| 1 | MANAGEMENT SCIENCE                               | 20 | 28 | 48 | 4 | 1 | INDUSTRY ORIENTED MINI PROJECT                   | -  | 43  | 43  | 2  |
| 2 | COMPUTER NETWORKS                                | 21 | 26 | 47 | 4 | 2 | COMPREHENSIVE VIVA                               | -  | 97  | 97  | 2  |
| 3 | DIGITAL IMAGE PROCESSING                         | 22 | 26 | 48 | 4 | 3 | WIRELESS COMMUNICATIONS AND NETWORKS             | 21 | 35  | 56  | 4  |
| 4 | MICROWAVE ENGINEERING                            | 22 | 30 | 52 | 4 | 4 | TELECOMMUNICATION SWITCHING SYSTEMS AND NETWORKS | 22 | 31  | 53  | 4  |
| 5 | OPTICAL COMMUNICATIONS                           | 22 | 30 | 52 | 4 | 5 | SATELLITE COMMUNICATIONS                         | 23 | 31  | 54  | 4  |
| 6 | CELLULAR AND MOBILE COMMUNICATIONS               | 22 | 34 | 56 | 4 | 6 | SEMINAR                                          | 47 | -   | 47  | 2  |
| 7 | MICROWAVE ENGINEERING AND DIGITAL COMMUNICATIONS | 22 | 46 | 68 | 2 | 7 | MAJOR PROJECT                                    | 48 | 143 | 191 | 10 |
| 8 | ADVANCED COMMUNICATION SKILLS LAB                | 23 | 45 | 68 | 2 |   |                                                  |    |     |     |    |

(# Project Internal= 50, External=150)

Number of Credits registered for : 226 Aggregate Marks Secured for best: 218

Aggregate Marks/CGPA Secured : 3359 OUT OF 5250 (63.98%)

Date of Issue : February 29, 2020

(see overleaf for Rules concerned to award of class) ^ Credits considered for award of degree)

A indicates 'ARSENIT'

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



*S. Tarekely*

CONTROLLER OF EXAMINATIONS



**ATTESTED**  
*Sanjay Singh*  
**A.B. NARSING RAO**  
B.Sc., LL.E  
**ADVOCATE & NOTARY**  
4 No. 1-7-631/2/E, Gemini Co  
Ramnagar, Musheerabad  
Hyderabad-48, T.S., India

Entered in the Notarial Register  
SI No. 606 Page No. 19

12 FEB 2021

### A. AWARD OF CLASS

First Class with Distinction  
First Class  
Second Class  
Pass Class

Note: (i) A student shall be deemed to have secured the credits allotted to each theoretical and practical subject that 35% of marks in the end internal evaluation and the external evaluation. If he/she secures not less than the sum of total of the internal and external marks in B.Tech./M.Pharm./Pharm.D. course, then lateral entry students, the student shall be deemed to be in II year of the four year UG course.

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

Country **REPUBLIC OF INDIA**

**This public document**  
CERTIFICATE

has been signed by **CONTROLLER OF EXAMINATIONS**  
acting in the capacity of **CONTROLLER OF EXAMINATIONS**  
bears the seal/stamp of **ADDL. SECRETARY TO GOVT. GAD**  
**DEPT., TELANGANA STATE SECRETARIAT, HYDERABAD**

**Certified**  
at **HYDERABAD, INDIA** the **24-Feb-2021**  
by **Section Officer of M.E.A Branch Secretariat, Hyderabad.**  
No. **JNTU0000027821**

Seal / Stamp  
is issued to  
**SADAM YAHYE OSMAN**  
**VIKRAM SINGH THAKUR**  
अनुभाग अधिकारी/Section Officer  
विदेश मंत्रालय शाखा सचिवालय  
M.E.A. Branch Secretariat  
हैदराबाद/Hyderabad

### A. AWARD OF CLASS BASED ON GRADES (FOR UG COURSES)

First Class with Distinction : CGPA 8.00# or more  
First Class : CGPA below 8.00 but not less than 6.50  
Second Class : CGPA below 6.50 but not less than 5.50  
Pass Class : CGPA below 5.50 but not less than 5.00

# For B.Tech./B.Pharm. students who are admitted in academic year 2016 or afterwards, First Class with Distinction is awarded only if the candidate has passed all the subjects in first attempt within the first 4 academic years from commencement of the course.

### C. AWARD OF CLASS BASED ON GRADES (FOR PG COURSES)

First Class with Distinction : CGPA 7.75 or more  
First Class : CGPA below 7.75 but not less than 6.75  
Second Class : CGPA below 6.75 but not less than 6.00



सं. 2220 दिनांक 24/02/2021  
No. 2220 Date 24/02/2021  
राज्य सरकार के सचिव / अपर सचिव / उप सचिव / अवर सचिव / सहायक सचिव / अन्य अधिकारी के हस्ताक्षर सत्यापित किये जाते हैं  
The Signature of Secretary / Additional Secretary / Deputy Secretary / Under Secretary / Asst. Secretary / Section Officer of State Government Attested

*Sanjay Singh*  
**VIKRAM SINGH THAKUR**  
अनुभाग अधिकारी/Section Officer  
विदेश मंत्रालय शाखा सचिवालय  
M.E.A. Branch Secretariat  
हैदराबाद/Hyderabad

**"AUTHENTICATED"**  
*Sanjay Singh*  
**(N.SHANKAR)**  
**Addl. Secretary to Govt. (General)**  
**General Administration Dept.,**  
**Telangana State Secretariat,**  
**Hyderabad India**

C. No. 899 /NRI/2021  
Dated 13-02-2021

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**  
**HYDERABAD - 500 085, TELANGANA STATE, INDIA.**



**Sl.No. K9 15559**

No. 81361000055

**MEDIUM OF INSTRUCTION CERTIFICATE**

This is to certify that Mr./Ms. **SADAM YAHYE OSMAN**

Son of / Daughter of Mr. **YAHYE OSMAN**

bearing

hall ticket no. **14D01A0455** acquired **BACHELOR OF TECHNOLOGY**

qualification with **ELECTRONICS & COMMUNICATION ENGINEERING**

branch/specialization in **May, 2019.**

The medium of instruction of the above said course is English.



Date: **March 4, 2020**

*S. Tare Kalyan*

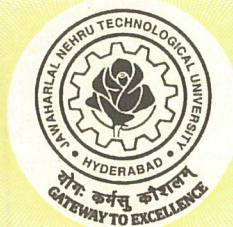
**Controller of Examinations**

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**

**HYDERABAD - 500 085, TELANGANA STATE, INDIA.**

College: DO - S M C E T, DESHMUKHI

31361001488



SI. No. PC **01098057**



**PROVISIONAL CERTIFICATE**

21361001699

HT No: 14DO1A0455

This is to certify that Mr. SADAM YAHYE OSMAN

S/o YAHYE OSMAN

passed B. Tech. ELECTRONICS & COMMUNICATION ENGINEERING degree

examination of this University, held in May, 2019 and that he was

placed in FIRST CLASS.

He has satisfied all the requirements for the award of the degree.

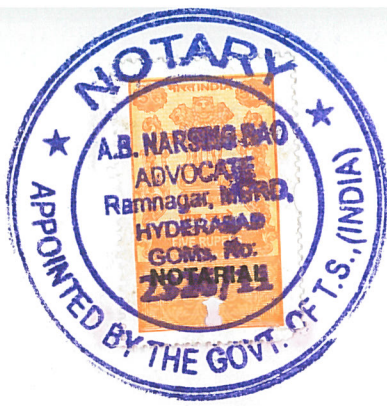
Hyderabad - T.S.

S. Tara kalyan  
**Controller of Examinations**

[Signature]  
**REGISTRAR**

Date: February 29, 2020





ATTESTED  
A.B. NARSING RAO

Entered in the Notarial Reg

SI No. 605 Page No. 1912

B.Sc., L.L.E

ADVOCATE & NOTARY

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

12 FEB 2021

"AUTHENTICATED"

(N. SHANKAR)

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

C. No. 899 /NRI/2021  
Dated. 13-02-2021

2218



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

Country REPUBLIC OF INDIA  
This public document  
CERTIFICATE  
has been signed by REGISTRAR  
acting in the capacity of REGISTRAR  
bears the seal/stamp of ADDL. SECRETARY TO GOVT. GAD  
DEPT., TELANGANA STATE SECRETARIAT, HYDERABAD

Certified  
at HYDERABAD, INDIA the 24-Feb-2021  
by Section Officer of M.E.A Branch Secretariat, Hyderabad.  
No. JNTU0000027621

Seal / Stamp  
is issued to SADAM YAHYE OSMAN

Signature  
विक्रम सिंह ठाकूर  
VIKRAM SINGH THAKUR  
अनुभाग अधिकारी / Section Officer  
विदेश मंत्रालय शाखा सचिवालय  
M.E.A. Branch Secretariat  
हैदराबाद / Hyderabad

सं. 2218 दिनांक 24/2/2021 (43)  
No. .... Date....  
राज्य सरकार के सचिव / अपर सचिव /  
सचिव / अवर सचिव / सहायक सचिव /  
अधिकारी के हस्ताक्षर सत्यापित किये जाते हैं।  
The Signature of Secretary / Additio  
Secretary / Deputy Secretary / Under  
Secretary / Asst. Secretary / Section  
Officer of State Government Attested



विक्रम सिंह ठाकूर  
VIKRAM SINGH THAKUR  
अनुभाग अधिकारी / Section Officer  
विदेश मंत्रालय शाखा सचिवालय  
M.E.A. Branch Secretariat  
हैदराबाद / Hyderabad

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

HYDERABAD - 500 085, TELANGANA STATE, INDIA.



Sl. No. K 9 115244

## MIGRATION CERTIFICATE

This is to certify that this University has no objection for  
Mr. SADAM YAHYE OSMAN  
son of Mr. YAHYE OSMAN  
to pursue his studies in any other University.

He Passed BACHELOR OF TECHNOLOGY Course  
of ELECTRONICS & COMMUNICATION ENGINEERING branch  
with Hall Ticket Number 14D01A0455

Date: March 4, 2020

REGISTRAR

