

Mehran University of Engineering and Technology

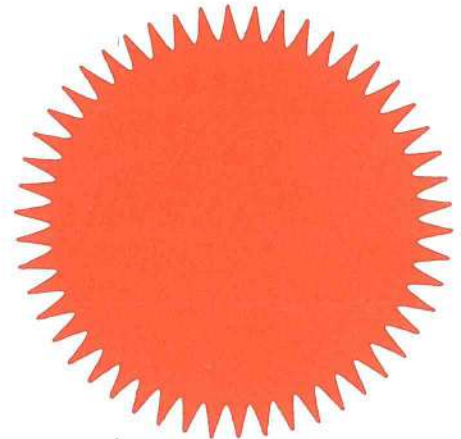
It is hereby certified that Mr./Ms. Zahid Ali S/o
Zulfqar Ali ----- after having satisfied
all the conditions prescribed by the University has been duly admitted
to the degree of **Master of Engineering** in Communication Systems & Networks
this 31st day of August, 2020 .


Controller of
Examinations


Registrar


Vice-Chancellor

Jamshoro, Sindh-Pakistan
Dated the 09th September 2020





Mehran University of Engineering & Technology

ORIGINAL

17669

Book No. 177

TRANSCRIPT CERTIFICATE

Certificate No. _____

MASTER OF ENGINEERING (COMMUNICATION SYSTEMS & NETWORKS)

Full Name of Student : Mr. Zahid Ali S/o Zulfiqar Ali

Identification No. : 18-17 ME CSN 04

Enrolment No : 6420

Date of Admission : 27-02-2017

Position Secured : -----

Date of Passing : 31-08-2020

Special Award (if any): -----


| T E R M | N O * | S E C T O R | Subjects | Total Credit Hours | | Grade Obtained | | Quality Points | | G.P.A |
|-----------------------------|-------------|----------------------------|--|------------------------|----|----------------|----|----------------|------|-------|
| | | | | Th | Pr | Th | Pr | Th | Pr | |
| 1 S T E | O N E | 1 | Information Theory & Coding Techniques | 03 | 00 | A+ | - | 12 | - | 3.86 |
| | | 2 | Advanced Computer Networks | 02 | 01 | A | A | 7.50 | 3.75 | |
| | | 3 | Signals & Systems | 02 | - | A | - | 7.50 | - | |
| | | 4 | Advanced Simulation Tools | - | 01 | - | A+ | - | 04 | |
| 2 N D | O N E | 5 | Digital Signal Processing | 02 | 01 | A | A+ | 7.50 | 04 | 3.91 |
| | | 6 | Optical Communication Systems & Networks | 02 | - | A+ | - | 08 | - | |
| | | 7 | Emerging Wireless Networks | 02 | - | A+ | - | 08 | - | |
| | | 8 | Network Security | 02 | - | A | - | 7.50 | - | |
| | | 9 | Internet & Mobile Commerce | 02 | - | A+ | - | 08 | - | |
| 3 R D | O N E | 10 | Internet of Things | 02 | - | A | - | 7.50 | - | 3.88 |
| | | 11 | High Speed Networks | 02 | - | A+ | - | 08 | - | |
| * Indicates No. of Attempts | | | | TOTAL C.G.P.A OBTAINED | | | | | | 3.89 |

THESIS/RESEARCH PROJECT (06 CREDIT HOURS)

| TITLE OF THESIS | REMARKS |
|--|-----------|
| "Design and Development of Semi Anechoic Chamber". | Qualified |


CONTROLLER OF EXAMINATIONS


DIRECTOR
INSTITUTE OF INFORMATION &
COMMUNICATION TECHNOLOGIES

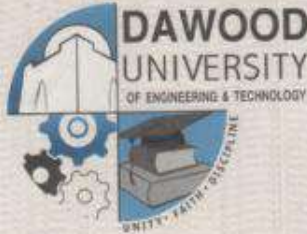

DEAN FACULTY OF
ELECTRICAL, ELECTRONICS &
COMPUTER SYSTEM ENGINEERING

Jamshoro, Sindh, Pakistan
Dated: 08-09-2020

- Note:
1. The University reserves the right of issuing any correction in the result if any mistake is detected later.
 2. This certificate has been issued without any erasure/overwriting.
 3. Error or omission if any occurred inadvertently can be rectified at any stage on the basis of original record.

Important: The Criteria for grade & cumulative GPA has been elaborated over leaf.

Dawood University
of Engineering & Technology, Karachi.



It is hereby certified that Mr./Ms ZAHID ALI

S/o, D/o ZULFIQAR ALI after having satisfied

all the conditions prescribed by the University, has been duly admitted


to the **DEGREE of Bachelor of Engineering** in the discipline of

TELECOMMUNICATION ENGINEERING

He/She has secured FIRST Division in the final examination

held in DEC, 2015 / MAR, 2016.




Controller
of Examinations


Registrar


Vice Chancellor

Date 06-04-2016



Dawood University

of Engineering & Technology, Karachi.

Book No. 00009

TRANSCRIPT CERTIFICATE

Enrolment No. 3201

Certificate No. 000863

Identification No. D-12-TE-438

**TRANSCRIPT OF ACADEMIC RECORD FOR THE DEGREE OF
BACHELOR OF ENGINEERING (TELECOMMUNICATION ENGINEERING)**

Full Name of Student: ZAHID ALI

S/o, D/o ZULFIQAR ALI

Date of Passing: 08-03-2016

Position XXX

Date of Admission

23-04-2012

| YEAR | SEMESTER | S.# | SUBJECTS | TOTAL CREDIT HOURS TH + PR | MARKS OBTAINED | | GRADE | | GRADE POINT | | Q.P | |
|--|----------|-------------------------------|---|-------------------------------|----------------|----|-------|------|-------------|-------|-------------|-------|
| | | | | | TH | PR | TH | PR | TH | PR | TH | PR |
| FIRST | 1 | 1 | Applied Calculus | (100+00)(3+0) | 74 | — | B | — | 3.00 | — | 9.00 | — |
| | | 2 | Introduction to Computers | (100+50)(3+1) | 84 | 42 | A- | A- | 3.70 | 3.70 | 11.10 | 3.70 |
| | | 3 | Communication & Interpersonal Skills | (50+00)(2+0) | 35 | — | B | — | 3.00 | — | 6.00 | — |
| | | 4 | Basic Electrical Engineering | (100+50)(3+1) | 93 | 41 | A | A- | 4.00 | 3.70 | 12.00 | 3.70 |
| | | 5 | Engineering Physics | (50+50)(2+1) | 26 | 37 | D- | B | 1.00 | 3.00 | 2.00 | 3.00 |
| | | 6 | Engineering Workshop | (00+50)(0+1) | — | 46 | — | A | — | 4.00 | — | 4.00 |
| | 2 | 7 | Linear Algebra & Analytical Geometry | (100+00)(3+0) | 76 | — | B+ | — | 3.30 | — | 9.90 | — |
| | | 8 | Basic Electronics | (100+50)(3+1) | 91 | 45 | A | A | 4.00 | 4.00 | 12.00 | 4.00 |
| | | 9 | Object Oriented Programming | (100+50)(3+1) | 87 | 37 | A | B | 4.00 | 3.00 | 12.00 | 3.00 |
| | | 10 | Computer Aided Engineering Drawing | (50+50)(2+1) | 39 | 41 | B+ | A- | 3.30 | 3.70 | 6.60 | 3.70 |
| | | 11 | Pakistan Studies | (50+00)(2+0) | 39 | — | B+ | — | 3.30 | — | 6.60 | — |
| | | 12 | Islamic Studies / Ethics | (50+00)(2+0) | 43 | — | A | — | 4.00 | — | 8.00 | — |
| SECOND | 1 | 13 | Electrical Circuit Analysis | (100+50)(3+1) | 86 | 39 | A | B+ | 4.00 | 3.30 | 12.00 | 3.30 |
| | | 14 | Professional Ethics | (50+00)(2+0) | 39 | — | B+ | — | 3.30 | — | 6.60 | — |
| | | 15 | Introduction to Telecommunication | (100+00)(3+0) | 85 | — | A | — | 4.00 | — | 12.00 | — |
| | | 16 | Digital Logic Design | (100+50)(3+1) | 85 | 47 | A | A | 4.00 | 4.00 | 12.00 | 4.00 |
| | 2 | 17 | Differential Equation & Partial Derivatives | (100+00)(3+0) | 89 | — | A | — | 4.00 | — | 12.00 | — |
| | | 18 | Electromagnetics | (100+00)(3+0) | 93 | — | A | — | 4.00 | — | 12.00 | — |
| | | 19 | Engineering Economics & Management | (100+00)(3+0) | 74 | — | B | — | 3.00 | — | 9.00 | — |
| | | 20 | Microprocessor Interface Techniques | (100+50)(3+1) | 80 | 41 | A- | A- | 3.70 | 3.70 | 11.10 | 3.70 |
| | | 21 | Amplifier & Oscillators | (100+50)(3+1) | 90 | 43 | A | A | 4.00 | 4.00 | 12.00 | 4.00 |
| | | 22 | Complex Variables & Transforms | (100+00)(3+0) | 77 | — | B+ | — | 3.30 | — | 9.90 | — |
| THIRD | 1 | 23 | Analog & Digital Communication | (100+50)(3+1) | 86 | 46 | A | A | 4.00 | 4.00 | 12.00 | 4.00 |
| | | 24 | Signal & Systems | (100+50)(3+1) | 100 | 49 | A | A | 4.00 | 4.00 | 12.00 | 4.00 |
| | | 25 | Technical Report Writing | (50+00)(2+0) | 42 | — | A- | — | 3.70 | — | 7.40 | — |
| | | 26 | Electromagnetic Waves & Radiating Systems | (100+50)(3+1) | 86 | 45 | A | A | 4.00 | 4.00 | 12.00 | 4.00 |
| | 2 | 27 | Probability & Stochastic Process | (100+00)(3+0) | 85 | — | A | — | 4.00 | — | 12.00 | — |
| | | 28 | Laser & Fiber Optics | (100+50)(3+1) | 88 | 45 | A | A | 4.00 | 4.00 | 12.00 | 4.00 |
| | | 29 | Digital System Processing & Filter Design | (100+50)(3+1) | 87 | 46 | A | A | 4.00 | 4.00 | 12.00 | 4.00 |
| | | 30 | Radar System Engineering | (100+00)(3+0) | 86 | — | A | — | 4.00 | — | 12.00 | — |
| FOURTH | 1 | 31 | Computer Communication & Networking | (100+50)(3+1) | 79 | 46 | B+ | A | 3.30 | 4.00 | 9.90 | 4.00 |
| | | 32 | Numerical Analysis & Computer Application | (100+00)(3+0) | 87 | — | A | — | 4.00 | — | 12.00 | — |
| | | 33 | Transmission & Switching Systems | (100+50)(3+1) | 84 | 35 | A- | B | 3.70 | 3.00 | 11.10 | 3.00 |
| | | 34 | Satellite Communication | (100+00)(3+0) | 87 | — | A | — | 4.00 | — | 12.00 | — |
| 2 | 35 | Wireless Communications | (100+00)(3+0) | 79 | — | B+ | — | 3.30 | — | 9.90 | — | |
| | 36 | Spread Spectrum Communication | (100+50)(3+1) | 88 | 43 | A | A | 4.00 | 4.00 | 12.00 | 4.00 | |
| | 37 | Network Management | (100+00)(3+0) | 77 | — | B+ | — | 3.30 | — | 9.90 | — | |
| | 38 | Mobile Network Planning | (100+50)(3+1) | 81 | 47 | A- | A | 3.70 | 4.00 | 11.10 | 4.00 | |
| | 39 | Multi Services over IP | (100+50)(3+1) | 90 | 44 | A | A | 4.00 | 4.00 | 12.00 | 4.00 | |
| | 40 | Broadband Digital Networks | (100+50)(3+1) | 83 | 46 | A- | A | 3.70 | 4.00 | 11.10 | 4.00 | |
| | 41 | Project / Thesis | (00+200)(0+4) | — | 181 | — | A | — | 4.00 | — | 16.00 | — |
| Total | | | | | | | | | | | 406.20 | 99.10 |
| Over all Cumulative Grade Point Average (CGPA) of 4 Years out of 4.00 | | | | | | | | | | | 3.72 | |

Prepared By:

Checked By:

Controller of Examination

Dean

Faculty of Engineering/ Architecture

Date of Issue : 30-03-2016