



# UNIVERSITAS SYIAH KUALA

Darussalam, Banda Aceh

Izin Pendirian: Keputusan Presiden R.I. Nomor 161 Tahun 1962

## TRANSKRIP AKADEMIK

000145/20101/UN11/TN/2021

Nama : Zulfahmi Helmi  
NPM : 1609200200038  
Tempat Lahir : Banda Aceh  
Tanggal Lahir : 28 Maret 1989

Fakultas : Teknik  
Program Studi : Teknik Elektro  
Program Pendidikan : Magister  
Konsentrasi : Teknologi Informasi  
Tanggal Lulus : 7 Januari 2021

| No | Kode Mata Kuliah | Mata Kuliah                         | SKS | Nilai |
|----|------------------|-------------------------------------|-----|-------|
| 1  | MFT601           | METODOLOGI PENELITIAN               | 2   | A     |
| 2  | MFT603           | STATISTIKA                          | 2   | B     |
| 3  | MTE601           | PEMODELAN DAN SIMULASI              | 3   | A     |
| 4  | MTE605           | ALGORITMA DAN PEMROGRAMAN           | 2   | AB    |
| 5  | MTE701           | PENULISAN PUBLIKASI                 | 3   | B     |
| 6  | MTE608           | JARINGAN KOMPUTER LANJUT            | 2   | B     |
| 7  | MTE612           | KECERDASAN BUATAN DAN REKAYASA DATA | 2   | B     |
| 8  | MTE713           | TEKNOLOGI KOMUNIKASI CERDAS         | 2   | B     |
| 9  | MTE603           | TOPIK KHUSUS BIDANG RISET           | 3   | AB    |
| 10 | MTE703           | SISTEM KOMPUTER BERKINERJA TINGGI   | 2   | AB    |
| 11 | MTE709           | SEKURITI JARINGAN                   | 2   | B     |
| 12 | MTE715           | JARINGAN PINTAR DAN SISTEM          | 2   | B     |
| 13 | MTE606           | PENGOLAHAN INFORMASI MULTIMEDIA     | 2   | B     |
| 14 | MTE614           | KNOWLEDGE MANAGEMENT                | 2   | B     |
| 15 | MFTPA1           | PROPOSAL DAN SEMINAR                | 2   | AB    |
| 16 | MFTPA2           | TESIS                               | 4   | AB    |
| 17 | MTE602           | INTERNET OF THINGS                  | 3   | AB    |

Jumlah Mata Kuliah : 17

Jumlah SKS : 40

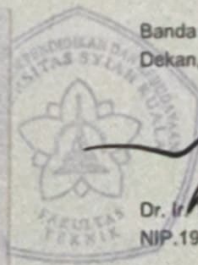
Jumlah Bobot : 133

IPK : 3.33

Predikat : Memuaskan

A=4.0, AB=3.5, B=3.0, BC=2.5, C=2.0, D=1.5, E=0

Judul Tesis : PREDIKSI SYBIL ATTACK PADA JARINGAN VANET DENGAN METODE DEEP LEARNING



Banda Aceh, 1 Februari 2021

Dekan,

Dr. Ir. Taufiq S., M.Eng.  
NIP.196309221990021001



# SYIAH KUALA UNIVERSITY

Darussalam, Banda Aceh - Indonesia

License for Establishment: Decree of the President of Republic of Indonesia No.161 Year of 1962

## ACADEMIC TRANSCRIPT

000145/20101/UN11/TN/2021

Name : Zulfahmi Helmi  
Student ID : 1609200200038  
Place of Birth : Banda Aceh  
Date of Birth : March 28, 1989

Faculty : Engineering  
Study Program : Electrical Engineering  
Academic Program : Master  
Concentration : Information Technology  
Date of Award : January 7, 2021

| No | Course Code | Course                                       | Credits | Grade |
|----|-------------|----------------------------------------------|---------|-------|
| 1  | MFT601      | RESEARCH METHODOLOGY                         | 2       | A     |
| 2  | MFT603      | STATISTICS                                   | 2       | B     |
| 3  | MTE601      | MODELING AND SIMULATION                      | 3       | A     |
| 4  | MTE605      | ALGORITHM AND PROGRAMMING                    | 2       | AB    |
| 5  | MTE701      | SCIENTIFIC WRITING AND PUBLICATION           | 3       | B     |
| 6  | MTE608      | ADVANCED COMPUTER NETWORKS                   | 2       | B     |
| 7  | MTE612      | ARTIFICIAL INTELLIGENCE AND DATA ENGINEERING | 2       | B     |
| 8  | MTE713      | COMPUTATIONAL INTELLIGENCE (CI)              | 2       | B     |
| 9  | MTE603      | SPECIAL RESEARCH TOPIC                       | 3       | AB    |
| 10 | MTE703      | HIGH PERFORMANCE COMPUTING                   | 2       | AB    |
| 11 | MTE709      | NETWORK SECURITY                             | 2       | B     |
| 12 | MTE715      | SMART NETWORK AND SYSTEM                     | 2       | B     |
| 13 | MTE606      | MULTIMEDIA INFORMATION PROCESSING            | 2       | B     |
| 14 | MTE614      | KNOWLEDGE MANAGEMENT                         | 2       | B     |
| 15 | MFTP A1     | RESEARCH PROPOSAL AND SEMINAR                | 2       | AB    |
| 16 | MFTP A2     | THESIS                                       | 4       | AB    |
| 17 | MTE602      | INTERNET OF THINGS                           | 3       | AB    |

Total Courses : 17  
Total Credits : 40  
Total Weights : 133  
Cumulative GPA : 3.33  
Graduated Category : Satisfactory  
A=4.0, AB=3.5, B=3.0, BC=2.5, C=2.0, D=1.0, E=0  
Thesis title : SYBIL ATTACK PREDICTION ON VANET NETWORK WITH DEEP LEARNING METHOD

Banda Aceh, February 1, 2021  
Dekan,

signed

Dr. Ir. Taufiq S., M.Eng.  
NIP.196309221990021001