

Nomor Ijazah Nasional (PIN) (National Diploma Number) : 571012022000065  
 Nomor Seri Ijazah (Diploma Serial Number) : 014/MS/STK/II/2022



**STMIK LIKMI**



## Sekolah Tinggi Manajemen Informatika & Komputer **LIKMI**

Memberikan Ijazah kepada (Confers this Diploma to) : **Indra Riksa Herlambang**  
 Nomor Induk Kependudukan (Resident Identity Number) : 3204052608970009  
 Tempat dan tanggal lahir (Place and date of birth) : Bandung, 26 Agustus 1997  
 Nomor Pokok Mahasiswa (Student Reg. Number) : 2020210075  
 Tanggal Kelulusan (Date of Commencement) : 21 Januari 2022  
 Jenjang Pendidikan (Education Program) : **MAGISTER** (Master)  
 Program Studi (Department) : **Sistem Informasi** (Information System)  
 Bidang Minat (Major) : **Rekayasa Sistem Informasi** (Information System Engineering)  
 Status (Status) : Terakreditasi berdasarkan Surat Keputusan Badan Akreditasi Nasional Perguruan Tinggi Nomor : 5961/SK/BAN-PT/Ak-PPJ/M/IX/2020 tanggal 23 September 2020. (Accredited by virtue of Decision of the National Accreditation Board for Higher Education, Number : 5961/SK./BAN-PT/Ak-PPJ/M/IX/2020 dated 23<sup>th</sup> September 2020).

Ijazah ini diserahkan setelah yang bersangkutan memenuhi semua persyaratan yang ditentukan, dan kepadanya dilimpahkan segala wewenang dan hak yang berhubungan dengan ijazah yang dimilikinya, serta berhak memakai gelar akademik **Magister Komputer (M.Kom.)**. (This Diploma was conferred to the above-mentioned after having fulfilled all prescribed requirements and to him was bestowed all rights and privileges pertaining to the Diploma in his possession and is entitled to the degree of **Magister Komputer (M.Kom.)**)

Wakil Ketua Bidang Akademik  
 dan Kemahasiswaan,  
 Associate Director for Academic Affairs,

Dr. Djajasukma Tjahjadi, S.E., M.T.

Bandung, 21 Februari 2022

Ketua,

Director,

Dr. H. Budi Permana, S.E., Ak., M.Sc.





# DAFTAR PRESTASI AKADEMIK

(TRANSCRIPT OF ACADEMIC ACHIEVEMENT)

No: 014/MS/II/2022

NAMA (NAME) : **INDRA RIKSA HERLAMBA**  
NOMOR POKOK (STUDENT REG. NUMBER) : 2020210075  
NOMOR IJASAH NASIONAL (NATIONAL DIPLOMA NUMBER) : 571012022000065  
TEMPAT, TANGGAL LAHIR (PLACE & DATE OF BIRTH) : **BANDUNG, 26 AGUSTUS 1997**  
(BANDUNG, 26 AUGUST 1997)  
PROGRAM STUDI (DEPARTMENT) : **SISTEM INFORMASI-S2**  
(INFORMATION SYSTEM)  
BIDANG KEAHLIAN (MAJOR) : **REKAYASA SISTEM INFORMASI**  
(INFORMATION SYSTEM ENGINEERING)  
JENJANG PENDIDIKAN (EDUCATION PROGRAM) : **MAGISTER**  
(MASTER)

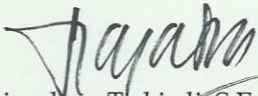
| MATA KULIAH                            | DESCRIPTION OF SUBJECTS                    | KODE   | SKS      | NILAI    |
|--|--|--------|----------|----------|
|  |  | (Code) | (Credit) | (Grades) |
| <u>Mata Kuliah Wajib Program Studi</u> | <u>Compulsory Subjects</u>                 |        |          |          |
| PARADIGMA PEMROGRAMAN                  | PROGRAMMING PARADIGM                       | SI282  | 2        | A        |
| MANAJEMEN DATA                         | DATA MANAGEMENT                            | SI286  | 3        | A        |
| STRATEGI INVESTASI IT                  | INFORMATION TECHNOLOGY INVESTMENT STRATEGY | SI386  | 3        | A-       |
| TECHNOPRENEUR DAN INOVASI              | TECHNOPRENEUR AND INNOVATION               | SI387  | 3        | A-       |
| ANALISIS & DESAIN SISTEM INFORMASI     | INFORMATION SYSTEM ANALYSIS AND DESIGN     | SI481  | 3        | A        |
| PROSES BISNIS DAN ORGANISASI           | BUSINESS PROCESS AND ORGANIZATION          | SI482  | 3        | A        |
| MANAJEMEN PROYEK DAN PERUBAHAN         | IS PROJECT & CHANGE MANAGEMENT             | SI483  | 3        | A        |
| PERENCANAAN STRATEGIS SISTEM INFORMASI | STRATEGIC PLANNING FOR INFORMATION SYSTEM  | SI484  | 3        | A        |
| ENTERPRISE INFORMATION SYSTEMS         | ENTERPRISE INFORMATION SYSTEMS             | SI485  | 3        | A-       |
| PRA TESIS                              | PRE-THESIS                                 | SI880  | 2        | B+       |
| TESIS                                  | THESIS                                     | SI881  | 6        | A-       |
| <u>Mata Kuliah Pilihan</u>             | <u>Elective Subjects</u>                   |        |          |          |
| DATA MINING                            | DATA MINING                                | SI284  | 2        | A        |

TANGGAL YUDISIUM (DATE OF COMMENCEMENT) : **21 JANUARI 2022**  
(21 JANUARY 2022)  
JUMLAH KREDIT KUMULATIF (ACCUMULATIVE CERTIFIED CREDIT HOURS) : **36**  
INDEKS PRESTASI KUMULATIF (GRADE POINT AVERAGE/ GPA: Index 0.00 - 4.00) : **3.84**  
PREDIKAT KELULUSAN (GRADUATION PREDICATE) : **PUJIAN (CUM LAUDE)**  
(CUM LAUDE)

## JUDUL TESIS (Thesis):

KAJIAN DATA MINING MENGGUNAKAN ALGORITMA K-MEANS UNTUK MENGELOMPOKKAN DATA PENERIMAAN MAHASISWA BARU  
(DATA MINING STUDY USING K-MEANS ALGORITHM FOR NEW STUDENT ADMISSION DATA GROUP)

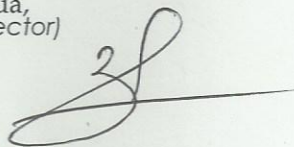
Pembantu Ketua Bidang Akademik,  
(Associate Director for Academic Affairs)

  
Dr. Djajasukma Tjahjadi, S.E., M.T



Bandung, 21 FEB 2022

Ketua,  
(Director)

  
Dr. H. Budi Permana, S.E., Ak. M.Sc.



# UNIVERSITAS NASIONAL PASIM

Kampus : Jl. Dakota No. 8a Sukaraja Bandung Telp. (022) 6072803

Website : [www.pasim.ac.id](http://www.pasim.ac.id)

## SURAT KETERANGAN LULUS

Nomor : 039/S.Ket/FIK/D/IX/2022

Dekan Fakultas Ilmu Komputer Universitas Nasional Pasim menerangkan bahwa :

Nama : RISTI RIDHASTI  
Tempat/tgl.Lahir : BANDUNG / 24 SEPTEMBER 1999  
NIM : 0203181059  
Fakultas : ILMU KOMPUTER  
Program Studi : TEKNIK INFORMATIKA  
Jenjang : STRATA SATU (S-1)

Telah dinyatakan LULUS pada :

Semester : GANJIL  
Tahun Akademik : 2021/2022  
Nilai Skripsi : A  
IPK/SKS : 3.61 / 151 SKS  
Predikat Kelulusan : CUMLAUDE

Surat keterangan ini diberikan sebagai pengganti Ijazah Asli yang masih dalam proses penyelesaian dan berlaku sampai dengan tanggal diterimanya ijazah.

Demikian Surat Keterangan ini dibuat, agar dapat dipergunakan sebagaimana mestinya.

Bandung, 05 Agustus 2022

Dekan Fakultas Ilmu Komputer

Nur Alamsyah, S.T., M.Kom.  
NIK. 122017214



Nomor Ijazah Nasional (PIN) (National Diploma Number) : 571012022000553  
Nomor Seri Ijazah (Diploma Serial Number) : 042/MS/STK/VI/2022

S170956



**STMIK LIKMI**



## Sekolah Tinggi Manajemen Informatika & Komputer **LIKMI**

Memberikan Ijazah kepada (Confers this Diploma to)  
Nomor Induk Kependudukan (Resident Identity Number)  
Tempat dan tanggal lahir (Place and date of birth)  
Nomor Pokok Mahasiswa (Student Reg. Number)  
Tanggal Kelulusan (Date of Commencement)  
Jenjang Pendidikan (Education Program)  
Program Studi (Department)  
Bidang Minat (Major)  
Status (Status)

: **Diki Wahyu Nugraha**  
: 3273070210970001  
: Bandung, 2 Oktober 1997  
: 2020210020  
: 11 Mei 2022  
: **MAGISTER** (Master)  
: **Sistem Informasi** (Information System)  
: **Rekayasa Sistem Informasi** (Information System Engineering)  
: Terakreditasi berdasarkan Surat Keputusan Badan Akreditasi Nasional Perguruan Tinggi Nomor : 5961/SK/BAN-PT/Ak-PPJ/M/IX/2020 tanggal 23 September 2020. (Accredited by virtue of Decision of the National Accreditation Board for Higher Education, Number : 5961/SK./BAN-PT/Ak-PPJ/M/IX/2020 dated 23<sup>th</sup> September 2020).

Ijazah ini diserahkan setelah yang bersangkutan memenuhi semua persyaratan yang ditentukan, dan kepadanya dilimpahkan segala wewenang dan hak yang berhubungan dengan ijazah yang dimilikinya, serta berhak memakai gelar akademik Magister Komputer (M.Kom.). (This Diploma was conferred to the above-mentioned after having fulfilled all prescribed requirements and to him was bestowed all rights and privileges pertaining to the Diploma in his possession and is entitled to the degree of Magister Komputer (M.Kom.))

Wakil Ketua Bidang Akademik  
dan Kemahasiswaan,  
Associate Director for Academic Affairs,

Dr. Djajasukma Tjahjadi, S.E., M.T.

Bandung, 27 Juni 2022  
Ketua,  
Director,

Dr. H. Budi Permana, S.E., Ak., M.Sc.





# DAFTAR PRESTASI AKADEMIK

(TRANSCRIPT OF ACADEMIC ACHIEVEMENT)

No: 042/MS/VI/2022

NAMA : DIKI WAHYU NUGRAHA  
(NAME)  
NOMOR POKOK : 2020210020  
(STUDENT REG. NUMBER)  
NOMOR IJASAH NASIONAL : 571012022000553  
(NATIONAL DIPLOMA NUMBER)  
TEMPAT, TANGGAL LAHIR : BANDUNG, 2 OKTOBER 1997  
(PLACE & DATE OF BIRTH)  
PROGRAM STUDI : SISTEM INFORMASI-S2  
(DEPARTMENT) (INFORMATION SYSTEM)  
BIDANG KEAHLIAN : REKAYASA SISTEM INFORMASI  
(MAJOR) (INFORMATION SYSTEM ENGINEERING)  
JENJANG PENDIDIKAN : MAGISTER  
(EDUCATION PROGRAM) (MASTER)

| MATA KULIAH                            | DESCRIPTION OF SUBJECTS                       | KODE   | SKS      | NILAI    |
|--|---|--------|----------|----------|
|  |   | (Code) | (Credit) | (Grades) |
| <b>Mata Kuliah Wajib Program Studi</b> | <b>Compulsory Subjects</b>                    |        |          |          |
| PARADIGMA PEMROGRAMAN                  | PROGRAMMING PARADIGM                          | SI282  | 2        | A        |
| MANAJEMEN DATA                         | DATA MANAGEMENT                               | SI286  | 3        | B+       |
| ANALISIS & DESAIN SISTEM INFORMASI     | INFORMATION SYSTEM ANALYSIS AND DESIGN        | SI481  | 3        | A        |
| PROSES BISNIS DAN ORGANISASI           | BUSINESS PROCESS AND ORGANIZATION             | SI482  | 3        | A-       |
| MANAJEMEN PROYEK DAN PERUBAHAN         | IS PROJECT & CHANGE MANAGEMENT                | SI483  | 3        | C+       |
| PERENCANAAN STRATEGIS SISTEM INFORMASI | STRATEGIC PLANNING FOR INFORMATION SYSTEM     | SI484  | 3        | A        |
| ENTERPRISE INFORMATION SYSTEMS         | ENTERPRISE INFORMATION SYSTEMS                | SI485  | 3        | B+       |
| MANAJEMEN KUALITAS SISTEM INFORMASI    | INFORMATION SYSTEM QUALITY ASSURANCE          | SI486  | 3        | B        |
| CYBERPRENEURSHIP                       | CYBERPRENEURSHIP                              | SI487  | 3        | A        |
| PRA TESIS                              | PRE-THESIS                                    | SI880  | 2        | B+       |
| TESIS                                  | THESIS  | SI881  | 6        | B-       |
| <b>Mata Kuliah Pilihan</b>             | <b>Elective Subjects</b>                      |        |          |          |
| KONTROL DAN AUDIT SISTEM INFORMASI     | INFORMATION SYSTEM CONTROL AND AUDIT          | SI583  | 2        | C+       |
| MANAJEMEN RESIKO DAN KEAMANAN SISTEM   | INFORMATION SYSTEM SECURITY & RISK MANAGEMENT | SI785  | 2        | C+       |

TANGGAL YUDISIUM : 11 MEI 2022  
(DATE OF COMMENCEMENT) (11 MAY 2022)

JUMLAH KREDIT KUMULATIF : 38  
(ACCUMULATIVE CERTIFIED CREDIT HOURS)

INDEKS PRESTASI KUMULATIF : 3.23  
(GRADE POINT AVERAGE/ GPA: Index 0.00 - 4.00)

PREDIKAT KELULUSAN : MEMUASKAN  
(GRADUATION PREDICATE) (SATISFACTORY)

JUDUL TESIS (Thesis):

PERANCANGAN SISTEM AKADEMIK BERBASIS MOBILE MENGGUNAKAN METODE SERVICE ORIENTED MODELLING AND ARCHITECTURE  
(MOBILE-BASED ACADEMIC SYSTEM DESIGN USING SERVICE ORIENTED MODELLING AND ARCHITECTURE METHOD)

Pembantu Ketua Bidang Akademik  
(Associate Director for Academic Affairs)

Dr. Djajasukma Tjahjadi, S.E., M.T



Bandung, 27 JUN 2022

Ketua,  
(Director)

Dr. H. Budi Permana, S.E., Ak. M.Sc.







# UNIVERSITAS INDONESIA

memberikan kepada

**Mutia Rahmi**

lahir pada tanggal 11 Februari 1994 di Pontianak

ijazah

**Magister Humaniora (M.Hum.)**

**Program Studi Ilmu Perpustakaan**

**Fakultas Ilmu Pengetahuan Budaya**

dengan segala hak dan kewajiban yang berhubungan dengan gelar akademik ini.

Pemilik ijazah ini mulai aktif pada semester gasal 2020/2021 dengan nomor pokok mahasiswa 2006501532

dan dinyatakan lulus pada 20 Juli 2022

Jakarta, 3 Agustus 2022

Rektor

Prof. Ari Kuncoro, S.E., M.A., Ph.D.



Tanda tangan pemilik ijazah

Dekan

Dr. Bondan Kanumoyoso S.S., M.Hum.

Nomor ijazah: 711012022000212



NC. 22- 003514



**V. BEBAN STUDI DAN MASA STUDI / COURSE LOAD AND MAXIMUM PERIODE OF STUDY**  
Beban studi dan masa studi program pendidikan di Universitas Indonesia tertera pada tabel di bawah ini.

*Students must earn the minimum number of Semester Credit Units for a program of study and do so within a maximum time period in order to successfully complete it. These are as follows.*

| Nomer Number | Prog. Pendidikan Program | Jumlah SKS SCU  | Masa Studi Maksimal Maximum time for completion |
|--------------|--------------------------|---|---|
| 1            | Diploma / Diploma        | 110 - 120   | 9 semester / semesters                          |
| 2            | Sarjana / Undergraduate  | 144 - 146   | 12 semester / semesters                         |
| 3            | Magister / Master        | 40 - 42   | 6 semester / semesters                          |
| 4            | Doktor / Doctor          | 48 atau lebih / Min 48  | 10 semester / semesters                         |
| 5            | Profesi / Professional   | Ditentukan oleh Fakultas Penyelenggara / Determined by the respective faculties |   |
| 6            | Spesialis / Specialist   |   |   |

**VI. SISTEM PENILAIAN / GRADING SYSTEM**

| Nilai Angka Score | Nilai Huruf Grade | Ekivalen Equivalent | Predikat Description              |
|-------------------|-------------------|---------------------|-----------------------------------|
| 85 - 100          | A                 | 4,00                | Sangat Baik / Excellent           |
| 80 - 84           | A -               | 3,70                | Baik / Good                       |
| 75 - 79           | B +               | 3,30                |                                   |
| 70 - 74           | B                 | 3,00                |                                   |
| 65 - 69           | B -               | 2,70                | Cukup / Satisfactory              |
| 60 - 64           | C +               | 2,30                |                                   |
| 55 - 59           | C                 | 2,00                |                                   |
| 40 - 54           | D                 | 1,00*               | Kurang / Failed                   |
| < 40              | E                 | 0,00*               | Sangat Kurang / Failed            |
|                   | I                 | *                   | Tidak Lengkap / Incomplete        |
|                   | T                 | *                   | Absen / Absent                    |
|                   | BS                | *                   | Belum Selesai / Unfinished        |
|                   | TK                | **                  | Transfer Kredit / Credit Transfer |
|                   | DB                | ***                 | Dibebaskan / Waived               |

\* Tidak diperhitungkan dalam IPK / Not counted in GPA calculation  
 \*\* Hanya SKS yang dihitung / SCU only counted  
 \*\*\* Tidak memiliki SKS / No SCU's

**VII. INDEKS PRESTASI KUMULATIF / GRADE POINT AVERAGE**

Mutu merupakan hasil nilai angka dan SKS mata kuliah. Nilai angka untuk Indeks Prestasi Kumulatif (IPK) adalah nilai semua mata kuliah dengan nilai minimal C. Indeks Prestasi Kumulatif adalah hasil bagi jumlah mutu semua mata kuliah dengan Satuan Kredit Semester. Kumulatif Nilai IPK maksimal adalah 4,00.

*A student's Grade Point Average (GPA) for any course is obtained by multiplying the student's final score by the course's Semester Credit Units. This is done for all courses in which the student has obtained a passing grade (of C or better). The GPA is a single, cumulative measure of the student's attainment in all courses on completion of study. The maximum GPA attainable is 4.00.*



# UNIVERSITAS INDONESIA

Direktorat Pendidikan  
Kampus Universitas Indonesia - Depok

## TRANSKRIP AKADEMIK ASLI ORIGINAL ACADEMIC TRANSCRIPT

**KETERANGAN TRANSKRIP AKADEMIK / DESCRIPTION OF ACADEMIC TRANSCRIPT**

**I. UMUM / GENERAL**

Transkrip akademik merupakan daftar nilai mata kuliah yang dicapai mahasiswa. Dokumen ini bersifat rahasia dan tidak diberikan kepada pihak ketiga tanpa izin tertulis mahasiswa bersangkutan. *An academic transcript is an official record of a student's work, showing courses taken and grades achieved. This document is confidential and cannot be released to a third party without the student's written consent.*

**II. KEABSAHAN / AUTHENTICITY**

Transkrip akademik yang sah dicetak di atas kertas khusus berpengaman. Tanda tangan Direktur Pendidikan Universitas Indonesia dicetak dengan tinta khusus yang dilengkapi cap timbul Universitas Indonesia dan dibubuhi segel legalitas. Selain itu, pada setiap transkrip tercetak barcode 2 dimensi yang berisi identitas pemilik transkrip. *An original academic transcript is printed on special paper with security features. The signature of the Director of Academic Affairs appears along with the embossed seal of the university and a numbered legal seal. In addition, the transcript has a 2-D barcode which identifies the student.*

**III. KALENDER AKADEMIK / ACADEMIC YEAR**

Tahun akademik terdiri atas dua semester, semester gasal dan semester genap yang masing-masing 14 - 16 minggu lamanya. Penyelenggara program pendidikan dapat menyelenggarakan semester pendek yang bersifat opsional di antara semester genap dan semester gasal. *The academic year consists of two semesters of 14 - 16 weeks each. In addition, short courses may be run optionally during the breaks between even and odd semesters.*

**IV. SATUAN KREDIT SEMESTER / SEMESTER CREDIT UNITS**

Satuan Kredit Semester (SKS) mencakup beban studi lima puluh menit pertemuan di kelas ditambah dua kali lima puluh menit kerja mandiri dalam satu minggu selama satu semester atau ekuivalennya dalam bentuk tugas laboratorium, kerja lapangan, atau tugas lain yang disetujui. *Semester Credit Units (SCUs) are the units of study counting towards a student's degree or diploma. They indicate the study load of any course. A single SCU represents one fifty minute period of in class work and two fifty minute periods of independent study per week during one semester or some workload equivalent performed in laboratory or field work, or in other approved activities.*

Nama (Name) : Mutia Rahmi  
 N.P.M. (Student Number) : 2006501532  
 Tempat Lahir (Place of Birth) : Pontianak  
 Tanggal Lahir (Date of Birth) : 11-02-1994  
 Program (Program) : Magister (Graduate)  
 Fakultas (Faculty) : Ilmu Pengetahuan Budaya (Humanities)  
 Program Studi (Major) : Ilmu Perpustakaan (Library Science)

Tanggal Lulus (Date of Graduation) : 20-07-2022  
 Nomor Ijazah (Certificate Number) : 711012022000212  
 I.P.K. (G.P.A.) : 3.74  
 Total Kredit (Credit Earned) : 40  
 Predikat (Predicate) : Cum Laude (Cum Laude)  
 Judul Skripsi/Tesis/Disertasi (Undergraduate Thesis/Master's Thesis/Doctoral Thesis Title)  
 Perilaku Informasi Mahasiswa Program Sarjana Sekolah Tinggi Manajemen Logistik (STIMLOG) dalam Mengikuti Proses Pembelajaran Jarak Jauh (PJJ)  
 (Information Behavior of Students of the Logistics Management College (STIMLOG) Undergraduate Program in Following the Distance Learning Process (PJJ))

| Kode (Code)     | Mata Kuliah (Course Title)  | K (C) | N (G) |
|-----------------|---|-------|-------|
| <b>Semester</b> | <b>2020/2021 - 1</b>  |       |       |
| BPN80301        | Organisasi Informasi (Information Organization)   | 3     | A-    |
| BPN80314        | Manajemen dan Preservasi Pengetahuan (Knowledge Management and Preservation)            | 3     | A-    |
| BPN80316        | Manajemen dan Budaya Perpustakaan (Library Management and Culture)                      | 3     | A-    |
| BPN80326        | Tata Kelola Teknologi di Lembaga Informasi (Technology Governance in Information Insti) | 3     | A-    |
| BUD800003       | Teori Kebudayaan (Theory of Humanities)   | 3     | A-    |
| <b>Semester</b> | <b>2020/2021 - 2</b>  |       |       |
| BPN80313        | Layanan Sumber Daya Informasi (Information Resource Service)                            | 3     | A     |
| BPN80315        | Manajemen Sumber Daya Informasi (Information Resource Management)                       | 3     | A-    |
| BPN80322        | Metode Penelitian Informasi (Information Research Methods)                              | 3     | A-    |
| BPN80329        | Isu Kontemporer Bidang Informasi di Indone (Contemporary issues in the information sec) | 2     | A     |
| BPN80330        | Masyarakat Pengetahuan Era Digital (Digital Age Knowledge Society)                      | 2     | A-    |
| BPN80331        | Kebijakan Informasi (Information Policy)  | 3     | B+    |
| <b>Semester</b> | <b>2021/2022 - 1</b>  |       |       |
| BPN80705        | Seminar Proyek Akhir (Final Project Semlnar)  | 3     | A-    |
| BPN80706        | Penerbitan Ilmiah Terbimbing (Guided Scientific Publication)                            | 2     | A-    |
| BPN80707        | Makalah Proyek Akhir (Final Project Paper)  | 4     | BS    |
| <b>Semester</b> | <b>2021/2022 - 2</b>  |       |       |
| BPN80707        | Makalah Proyek Akhir (Final Project Paper)  | 4     | A     |

----- Akhir dari Transkrip (End of Transcript) -----



29 September 2022  
 Direktur Pendidikan (Director of Academic Affairs)

Prof. Dr. Ir. Anak Agung Putri Ratna, M.Eng.  
 NIP. 196104241989032002

