

CURRICULUM VITAE

Erni BASRI

- June 2024-

Assistant Lecture

Born August 13, 1976 in Belopa (Indonesia)



PTDI STTD,

Ministry of Transportation of Indonesia

Jl. Raya Setu No.89 Cibuntu. Cibitung, Bekasi West Java

INDONESIA

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PROFESSIONAL CERTIFIED

Profesi : Insinyur UGM No.192/TK-RPL/19

PII Ahli Madya: 0901.15.032639

Sertifikat Insinyur Indonesia, Insinyur Profesional Madya (IPM), ID No.2-15-00-000740-00

Insinyur Ahli Madya Bidang Teknik Sipil

ASEAN Engineer ID AER: 10099

MANAGEMENT RISK: Certificate Of Competence No. 2022-05-03-7852, Qualified Risk Management Professional (QRMP)

Auditor K3 & Ahli K3 Umum

Analisis Kota Cerdas SNI ISO 37122:2019,

SMART CITY: Sertifikat Pelatihan GTA/2022/3281/1483281100-5,

Appointment and Confirmation as Railway Auditor/ Pengangkatan dan Pengesahan sebagai Auditor Perkeretaapian No.KP801/Sk.60/DJKA/XI/18 Tanggal 18 November 2018, Jenjang Muda No.APK.130876.00057 dan saat ini Tingkat Madya (berlaku sd 26 Nov 2026)

Appointment and Confirmation as Railway Inspector /Pengangkatan dan Pengesahan sebagai Inspektur Prasarana KA : Ahli Inspeksi Prasarana Perkeretaapian Tingkat Muda, No.ID IPP.130876.00040

Appointment and Confirmation as Railway Tester/ Pengangkatan dan Pengesahan sebagai Penguji Prasarana Perkeretaapian (Jalur Dan Bangunan KA) No.ID PJB.130876.00069

PROFESSIONAL EXPERIENCE

2024 (Mei-now)	Lecture & Researcher PTDI – STTD Polytechnics of Land Transportation Indonesia Ministry of Transportation of Indonesia
2024 (Jan-Mei)	The Head of Policy on Transportation Facility Center Body Policy Transportation, Ministry of Transportation of Indonesia
2023 (April-Dec)	Director Safety Directorate General of Railway, Ministry of Transportation of Indonesia
2020 Aug up to 2023 April	Head of Railway Engineering Center for West Java Region
Jan 2019 up to August 2020	Head of Sub-Directorate of Railway Tracks and Buildings Region I, Directorate of Infrastructure, Directorate General of Railways
Jan 2019 up to Dec 2019	PPK Construction LRT Jabodebek, DGR, MoT
Juli 2018 up to Jan 2019	Head of Sub-Directorate of State-Owned Facilities Management, Directorate of Facilities, Directorate General of Railways
April 2018 up to Juli 2018	Head of Sub-Directorate of Railway Track and Building Suitability, Directorate of Infrastructure, Directorate General of Railways
Feb 2018 up to April 2018	Head of Sub-Directorate of Railway Operation Facilities Suitability, Directorate General of Infrastructure, Directorate General of Railways
April 2017 up to Dec 2017	PPK Design & Preparation Construction Patimban Port, DGLC, MoT
Juli 2017 up to Feb 2018	Head of Railway Track and Land Section, Region II, Sub-Directorate of Railway Track and Buildings

Juni 2016 up to April 2017	Head of Railway Track and Building Suitability Section, Wil. I Sub-Directorate of Railway Track and Building Suitability
Maret 2016 up to Juni 2016	Head of Accident Analysis Section, Sub-Directorate of Accident Inspection and Analysis
April 2015 up to Maret 2016	Head of Railway Infrastructure Section, Class II Railway Engineering Center, West Sumatera Region
Feb 2015 up to April 2015	Head of Evaluation and Reporting Sub-Division, Planning Section
Des 2010-Sep 2012	Head of Planning Sub-Division, Planning Section, Seditjen KA
Maret 2008 up to 21 Dec 2010	Head of Bridges and Buildings, Region II, Sub-Directorate of Railway Track and Buildings

Since 2002 - now **Civil servant**

Ministry of Transportation of Indonesia

EDUCATION

2012 – 2014 **Master Degree : Transportation Engineering**

Master Thesis Title : “ Assessment of Transit Oriented Development In Jakarta Metropolitan Area

University of Hiroshima, Japan

1995- 1999 **Bachelor in Civil Engineering**

University of Diponegoro, Semarang, Indonesia

RESEARCH ACTIVITIES

Research interesting fields:

Mobility

Land use transport

Transport planning

Connectivity & Accessibility

Public transport planning and operation

Infrastructure Project Management

Transport Safety Management

Intelligent Transport

Operation research in Transportation

Big data analysis in Transportation

Publication:

Issuance of SNI 8633:2018, Specifications for Ballast, Sub-Balance and Base Layer (Sub Grade) for Railway Tracks, ICS: 45.080, BSN National Standardization Body, BSN Decree Number: 411/Kep/BSN/12/2018 (Head of the Technical Commission Team)

In Bahasa: Penerbitan SNI 8633:2018, Spesifikasi Balas, Sub Balas Dan Lapisan Dasar (Sub Grade) Untuk Jalur Kereta Api, ICS : 45.080, Badan Standardisasi Nasional BSN, Keputusan BSN Nomor : 411/Kep/BSN/12/2018 (Ketua Tim Komisi Teknis)

International Conference Speaker:

1. Thailand Rail 2024, Bangkok, Thailand, Conference held date 18-19 March 2024
Committee Available online : <https://bricsaconsulting.com/>
Speaker Title Presentation : Navigating The Rail Technology An Opportunities Of National Railway Master Plan Indonesia
Recording presentation my youtube channel: ernibasri
<https://www.youtube.com/watch?v=YHKfbNltTjE&t=30s>
2. Indonesia Railway Conference & Tech Expo, August 2023, GEM (PT. Global Expo Management Indonesia)
Speaker Title Presentation : Trend and Challenge, Railway Safety Management System
3. Focus Group Discussion Host Agency Policy Transportation, MoT, September 2023
Speaker Title Presentation : Implementation and progress Cyber Security in Railway Sector, Perpres No.82/2022 about Pelindungan Infrastructure Vital.
4. The 4th ASIA Railway Conference, Jeju Korea, 2023, AI for Smarter & Safer Railway
Delegate Indonesia Title Keynote Speaker : Indonesian Railway Technologies And Systems: Current & future strategies to enhance the Safety and Reliability, Jeju Korea, November 2023
The Asian Railway Conference has been held biennially since 2016, by the Korean Society for Railway, to provide a unique platform for researchers to share their latest research progress and explore future directions of railway engineering and transportation studies.

Available online <https://www.arc2023.kr/>
Committee: Jeong Seo Koo, General Chair, ARC 2023, President, the Korean Society for Railway, Prof., Seoul National University of Science & Technology, Korea and Jaeho Kwak, Organizing Committee Chair, ARC 2023, Director General of the Advanced Railroad Vehicle Div., KRRI, Korea

5. Jakarta Indonesia, Conference “Digitalize Indonesia 2019” Shaping Indonesia’s digital transformation across the industry Digital transformation in railways and ports.

Delegate Indonesia Title Keynote Speaker : Digital Transformation In Railway (MRT, LRT and KRL/Commuter rail)

Efficiency, optimization, speed and timing have always been crucial in transportation and ports. Digital capabilities and information excellence are key to close existing gaps and transform for better customer engagement, new business models and the challenges facing the industry.

Available in: (<https://www.siemens.com/id/en/company/fairs-events/events/digitalize-indonesia-2019.html> **Digitalize Indonesia 2019 - Siemens Indonesia**

6. London, UK, Conference, November 7, 2019
Delegate Indonesia Title Keynote Speaker : Indonesia Future Rail Strategy
Digital Rail Revolution 2019, Place Royal Lancaster Hotel, London on 7 November 2019
Available online :
<https://www.globalrailwayreview.com/article/92550/indonesia-digitalisation-rail-network/>
7. Malaysia Rail 2023, Kuala Lumpur, Malaysia, **Conference 2023**
Committee Available online : <https://bricsaconsulting.com/>
Speaker Title Presentation : Overview and Challenge Indonesia National Railways Master Plan 2030
8. Bangkok, ASIA Pacific Rail 2023
Conference Manager Asia Pacific Rail 2023 (25th Edition) di Bangkok Thailand pada tanggal 30 Mei sd 2 Juni 2023
Panel Discussion (DGR, MRT, Philippine Transportation, Host Malaysia)
Topic : Operations, Maintenance & Asset Management yaitu “Futuristic O&M Strategies for enhanced safety and reliability”
Held by <https://www.terrapinn.com/>
9. Online, ASIA Pacific Rail 2020
Conference Manager Asia Pacific Rail 2020 (22nd Edition)
Presentation, Topic : Intelligent Infrastructure Management Strategies in Indonesian Railways
Available online : <https://www.youtube.com/watch?v=xHxncTqF5EI>

Held by : <https://www.terrapinn.com/>

10. Online, ASIA Pacific Rail 2021
 Conference Manager Asia Pasific Rail 2021 (23rd Edition) The future of rail in ASIA
Panel Discussion Operation, maintenance and asset management
 Available online :
<https://www.instagram.com/p/CT4bIW8pCIa/?igsh=MW9zbGNtaDlyYjkwYQ%3D%3D>

 Held by : <https://www.terrapinn.com/>
11. **Hongkong**, ASIA Pacific Rail 2019
 Conference Manager Asia Pasific Rail 2019 (21st Edition) date March 19,2019
Presentation, Topic : Indonesia Railway Project What Opportunities Are There?

<https://www.terrapinn.com/>
12. Indonesia Railway Virtual Conference 2023 (4 July)
Online Presentation Title : Railway Safety Development, Jakarta, Indonesia, GEM Indonesia
 Available online : <https://www.youtube.com/live/qo5LCnWG15Y>
13. Speaker Focus Group Discussion 2022 (December) Jakarta, Agency Policy Transport, ministry of Tranportation, Thema : Seamless Connectivity and Land Value Capture dalam mendukung Pengoperasian Kereta Manfaat untuk Negeri
Presentation Title: Integration and Connectivity Readiness in Realizing Seamless Connectivity for the Jakarta Bandung Fast Train in the West Java Region

 in bahasa Kesiapan Integrasi dan Konektivitas dalam Mewujudkan Seamless Connectivity Kereta Cepat Jakarta Bandung di Wilayah Jawa Barat
14. Speaker Conference 2021 (8 April)
 by Online by <https://www.trueventus.com/>: “DIGITAL RAIL MAINTENANCE”
 CHANGING THE MAINTENANCE GAME,
Title Presentation: The Challenges with Deploying Digital Technologies in Rail Maintenance
 Host Trueventus: Trueventus foundation lies in the drive to deliver **Timely, Relevant, Unique** Events. With the aim of converging myriad of global industries, Trueventus upends the conventional way of developing enterprises capabilities via True relations. Diving headfirst into contemporary trends and technologies, ventures and trials, Trueventus are equipped with vast industrial knowledge to enrich both established and nascent businesses.

15. Speaker as panelist 2018 (12 – 14 November) Singapore:

Topic Panel: Singapore Rail Technology conference, ASEAN Country Update;

36Th Conference <https://www.unila.ac.id/ft-unila-gelar-seminar-nasional-2019/ce> of The ASEAN Federation of Engineering Organization (Cafeo 36) and AFEO Certificate Reception in Singapore is a collaborative activity with PII

In Bahasa : Pembicara pada konferensi asean engineer 36 dan Penerimaan Sertifikat AFEO di Singapore kegiatan merupakan kerjasama dengan PII

Agenda: available online <https://afeo.org/wp-content/uploads/2018/09/Overview-CAFEO-36-programme.pdf>

International Conference Participants:

1. 2024, date 5 May

The 12th Civil engineering Innovation Contest, Seminar National CEIC, Revolution Ing the future of the construction Industry; topics as follows: 1. Lightweight Concrete: Innovative Solutions for Future Construction, 2. Next-Gen Construction: Material Technology Innovations for Zero Carbon Concrete, 3. Investing in Infrastructure: The Key to Economic Growth and Sustainability, 4. Preparing Civil Engineers for the Digital Construction Era

2. 2023, Institute Teknologi Bandung date 9-12 November 2023

Participants in order to improve understanding and collaboration in the field of transportation, the Inter-University Transportation Study Forum (FSTPT) has held the XXVI FSTPT National Symposium and the 4th International Symposium of Transport Studies for Developing Countries (ISTSDC) in the West Hall and East Hall of ITB. This activity was supported by 11 FSTPT member universities in Bandung and was held, several workshops at the Bandung Institute of Technology (ITB) and the National Institute of Technology (ITENAS) as well as the FSTPT Year-End Meeting at Parahyangan Catholic University (UNPAR).

In Bahasa : Peserta dalam rangka meningkatkan pemahaman dan kolaborasi di bidang transportasi, Forum Studi Transportasi antar Perguruan Tinggi (FSTPT) telah melaksanakan Simposium Nasional FSTPT XXVI dan The 4th International Symposium of Transport Studies for Developing Country (ISTSDC) di Aula Barat dan Aula Timur ITB, Kegiatan ini didukung oleh 11 perguruan tinggi anggota FSTPT di Bandung dan diadakan, beberapa workshop di Institut Teknologi Bandung (ITB) dan Institut, Teknologi Nasional (ITENAS) serta Rapat Akhir Tahun FSTPT di Universitas Katolik Parahyangan (UNPAR).

3. 2019, Intelligent Transport Conference 2019, 6 November 2019, London UK

<https://www.intelligenttransport.com/>

4. 2019, PP Digital Construction Day International Conference & Workshop 2019 (DCD 2019) di Hotel Mulia, Jakarta pada 26-27 November 2019.

Theme “Smart Construction in Digital Era”

5. 2018, Hongkong, Asia Pacific Rail 20th Exhibition and Conference 2018 Held by <https://www.terrapinn.com/>

Thema: Innovation, Technology and Strategy For Asia Pacific Rail Industry.

Metro Project Update, Operation and Maintenance, Signalling and Communication, Asset Management and Rolling Stock, Passenger Experience and Safety, Light Rail, Rail Freight and High Speed Rail, Track Infrastructure Theatre, Rail Revenue Theatre, Latest Technologies Theatre, Construction, Tunneling, Project Management and Station Design

6. 2019, **Participant Public Lecture Transit Oriented Development Lecture** by Prof. Ruth L. Steiner, Ph.D Professor and Direct at Tanri Abeng University

Lecture in University:

1. Poltekbang Jayapura, 23 February 2024

Title Presentation Online: Lesson Learned About Future Airports Advanced Air Mobility and Connectivity

In Bahasa: Lesson Learn Tantangan Kebandar-Udaraan Masa Depan Konektivitas & Mobilitas Udara Tingkat Lanjut

2. Institut Sains dan Teknologi AL-Kamal bekerja sama dengan BPN ATAKNAS & ASKUMNAS

Webinar “Keberlanjutan Aset Infrastruktur Transportasi” Jakarta, 22 Desember 2020, Sertifikat ,Virtual Zoom

Title Presentation : Railway Asset Management (General Railway Infrastructure) / Pengelolaan Aset Perkeretaapian (Infrastruktur Perkeretaapian Umum)

3. Universitas Diponegoro, BPPS T. Sipil Undip, 3 September 2022

Title Presentation: SMART CITY CONCEPT “Smart City Development in Supporting the Realization of Green Infrastructure”/ Pengembangan Smart City Dalam Mendukung Perwujudan Green Infrastructure

4. Universitas Diponegoro, Himpunan Mahasiswa T. Sipil Undip, 28 November 2020

Title Presentation: Tips to Help Students Prepare for Their Careers

5. Universitas Diponegoro, Himpunan Mahasiswa T. Sipil Undip, 6 Maret 2021
Title Presentation : Transportation Engineering and Transformation in Facing the New Normal Era in Activities/ Rekayasa dan Transformasi Transportasi dalam menghadapi Masa Normal Baru dalam kegiatan
 The 9th civil engineer Innovation Contest
6. Universitas Pakuan
Title Presentation: Railway Infrastructure New Normal Life: Planning, Development, and Management of Infrastructure in the Pandemic Era.
 In Bahasa : Infrastruktur Perkeretaapian new normal life: Perencanaan, Pembangunan, dan Pengelolaan Infrastruktur di Era Pandemi.
7. Tenri Abeng University
Title Presentation: Pengembangan Transportasi Massal Jabodetabek, Berbasis Rail LRT Jabodebek.
 Seminar Infrastruktur Transportasi Tanri Abeng University, Kuliah Umum dan Diskusi Teknik Sipil, Jumlah Peserta : 80 orang
8. Universitas Lampung
Title Presentation: Kontribusi Perkeretaapian Nasional Indonesia Dalam Transportasi Terbarukan
 Seminar Tema “Menjelajah Era Transportasi Terbaharukan” Tempat : Gedung Serba Guna
 Available online : <https://www.unila.ac.id/ft-unila-gelar-seminar-nasional-2019/>

Lecture in Public Organisasi:

1. MASKA, 17 Maret 2021

Title Presentation : Development of West Java Railway Infrastructure (Targets and Priorities)/ Pengembangan Prasarana Perkeretaapian Jawa Barat (Target Dan Prioritas)

Lecture in Company:

1. 13 Desember 2018, PT. PP (Persero) PT.PP (Persero) Tbk, Kementerian BUMN, To Be A Leading and Sustainable Construction And Investment Company In South East Asia
Title Presentation: Indonesian National Railway Master Plan Developments and Challenges
 In bahasa pembicara Judul : Rencana Induk Perkeretaapian Nasional Indonesia Perkembangan Dan Tantangan

Seminar Internal PT.PP (Persero), Thema : Dalam Rangka Sertifikasi PP Bidang Perkeretaapian oleh Maska dan PII Perkeretaapian,
Jumlah Peserta : 30 Orang,

2. 20 March 2021, Daihatsu Indonesia,
Online Webinar with Thema: Digital Transformation of Railway Infrastructure Technology
Title Presentation: “Towards Digitalization 4.0 for Sustainable Railway Business Management”

In Bahasa : Transformasi Digitalisasi Teknologi Infrastruktur Perkeretaapian
Judul Presentasi: “Menuju Digitalisasi 4.0 untuk Manajemen Bisnis Perkeretaapian yang Berkelanjutan”

Newspaper:

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Magazine Student :

1. Promotion of Railway Safety in Preparing Fast Train Operations/ Promosi Keselamatan Perkeretaapian Dalam Menyiapkan Operasi Kereta Cepat

Available Online : BULETIN ALUMNI: KERETA CEPAT JAKARTA-BANDUNG By HMS UNDIP- Issuu https://issuu.com/Hmsundip/Docs/Buletin_Alumni_Kereta_Cepat_Jakarta_Bandung

2. Promosi Keselamatan Perkeretaapian

Available online : COFFERDAM Edisi 5 by HMS UNDIP - Issuu
https://issuu.com/hmsundip/docs/cofferdam_edisi_5#google_vignette

Magazine Ministry of Transportation:

1. Promosi Konektivitas Multimoda, Distribusi Logistik hingga ke Pelsok Negeri, sebagai nara sumber Konektivitas diatas Jalur Gandan Bogor-Sukabumi, Majalah Trans Media Kemenhub Edis 2 Tahun 2021

Available online :
<https://www.instagram.com/p/CT80USOpYnc/?igsh=dzI3cGpyNXRveGx3>

2. Profile motivasi ASN (Temukan Sisi Baik Dirimu), Majalah Transit DJKA edisi Perdana

Available online: BTP Bandung | NEWSLETTER DIREKTORAT JENDERAL PERKERETAAPIAN TELAH TERBIT Hallo #sobatbtpjabar .. Direktorat Jenderal Perkeretaapian telah meluncurkan... | Instagram
https://www.instagram.com/p/CgUE7SiJW71/?igshid=MzRIODBiNWFIZA%3D%3D&img_index=2

3. Profile motivasi ASN : Menginsiprasi Lingkungan Kerja untuk berprestasi

Available online : BTP Bandung | Sampurasun #SobatBTPBandung ... Menjalani tugas berat sebagai Kepala Balai Teknik Perkeretaapian Kelas I Bandung sekaligus membina dan... | Instagram
https://www.instagram.com/p/Cp_e9p3JD_J/?igshid=MzRIODBiNWFIZA%3D%3D

Magazine International :

Erni Basri. (2021) The impact of COVID-19 on Indonesia's transportation industry (in Bahasa: Dampak COVID-19 terhadap industri transportasi Indonesia), **Global Railway Review Issue 5, London, 2021**

Packed full of exclusive content, including: a Roundtable discussion on Decarbonising Rail; an In-Depth Focus to explore FRMCS; the impact of COVID-19 on Indonesia's rail industry; establishing cyber-security for next generation rail mobility; and much more!

Available in : <https://www.globalrailwayreview.com/article/128620/issue-5-2021/>

<https://www.globalrailwayreview.com/people/erni-basri/>

Internal Book Directorate General of Railway:

1. Contribute Write on Station Book Photography, Author Uci Zulfikri & Friends Dharma Wanita Indonesian Railways, Title : Transit Station to Return, 2022

In Bahasa : Penulis Uci Zulfikri & Friends Dharma Wanita Perkeretaapian Indonesia, Title Stasiun Persinggahan Untuk Kembali, 2022

Available online : Erni Basri | DWP DJKA Kementerian Perhubungan mengundang Bapak/Ibu/Saudara/i pada: PELUNCURAN BUKU 'STASIUN PERKERETAAPIAN INDONESIA' Time: Nov 1... | Instagram
<https://www.instagram.com/p/CkXPRnBp80X/?igsh=MTBmMm03MDhjdVnOA%3D%3D>

2. As a book initiator: Hand book Safety Railway, 2023
3. As a book initiator: Hand book Safety Railway (LRT Jabodetabek & High-Speed Train Jakarta Bandung), 2023
4. As a book initiator: Technology and Safety of Railway, 2023 (Issues: Automation Development in Rail, Signalling system, Internet of Things, Management of Predictive Maintenance, 2023

OTHER INFORMATION

Languages

BAHASA (INDONESIAN) : Native
ENGLISH : Fluent

Computing skills

Software's: Word, Excel, PowerPoint

Econometrics: SEM

Geographical Information Systems (GIS): ArGIS

Achievements

1. The best graduated student in Civil Engineer Undip, September 1999
2. Award Scholarship: Joint Japan/World Bank Graduate Scholarship Program, as Master Scholarship Hiroshima University Japan 2012-2014
3. Award Scholarship Training: COURSE OF JBIC'S PROCUREMENT SEMINAR FOR ODA LOANS Japan International Cooperation Agency, as Delegate Course in Tokyo Japan 2007
4. Award Scholarship Training: Course: Comprehensive Urban Transportation and Planning Japan International Cooperation Agency, as Delegate Course in Tokyo Japan, , 2011
5. Satyalancana Karya Satya X Tahun, Keppres RI. No, 51/Tk/Tahun 2014, date 6 August 2014
6. Satyalancana Karya Satya XX Tahun 2023

Special Course:

Course Track, Autumn Courses On Railways, 56 hour Lecture and 24 hour practical for Test Rel, Terowongan, Jembatan, Timbunan, Pengelasan Rel, Sambungan Rel, Wesel, Bantalan, Penambat, Balas dan Slab Track, Komponen Track, Standard Inspeksi, Spesifikasi Teknis, Perawatan Track, Operasi dan Management, Yogyakarta 26 Agustus 2010, Swedia 23 October 2010, Jakarta, 1 Desember 2010,

Host: Angelholm, Swedia, Jarnvagsskolan-Trafikverket-Sweden-Angleholm Af-Infrastructure Ab Sweden, Badan Pengembangan Sumber Daya Manusia Kementerian Perhubungan, Universitas Gajah Mada Program Pasca Sarjana Fakultas Teknik Magister Sistem Teknik Transportasi (MSTT)

Advisory Board Experience:

Advisory Board (2023-2024) Civil Engineering Diponegoro University

Decree of the Dean of the Faculty of Engineering, Diponegoro University Number: 50/UN7.F3/HK/X/2023 concerning the Appointment of the Civil Engineering Education Advisory Board (Advisory Board) in the Department of Civil Engineering, Faculty of Engineering, Diponegoro University for 2023 - 2024 Dean of the Faculty of Engineering, Diponegoro University

In Bahasa : Keputusan Dekan Fakultas Teknik Universitas Diponegoro Nomor: 50/UN7.F3/HK/X/2023 Tentang Pengangkatan Badan Penasihat Pendidikan Teknik Sipil (Advisory Board) Pada Departemen Teknik Sipil Fakultas Teknik Universitas Diponegoro Tahun 2023 - 2024 Dekan Fakultas Teknik Universitas Diponegoro