



HUSEIN

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Fresh graduate from Industrial Engineering student at ITB with a strong interest in project planning, supply chain, and statistics. My academic journey has nurtured analytical thinking, equipping me to tackle complex challenges with structured approaches. Highly adaptable and committed to leveraging strong analytical skills to tackle complex challenges and drive strategic growth.

Work Experiences

PT Perusahaan Gas Negara - Jakarta

Jun 2024 - Aug 2024

Intern Procurement

- Engaged in three bid proposal meetings and gained insights into vendor procurement and negotiation strategies.
- Analyzed current procurement workflows to identify inefficiencies and recommend improvements.
- Designed and proposed an information system prototype to integrate and automate manual procurement processes.

PT LAPI ITB - Bandung, Bengkulu

Oct 2024 - Dec 2024

Project Assistant

- Assisted in development of simulation models to analyze operational bottleneck and propose efficiency improvement.
- Conducted data-driven analyses to optimize material handling and logistics.
- Supported strategic planning by integrating supply chain best practices into terminal operations.

Industrial Systems Planning and Optimization Laboratory (LPOSI) - Bandung

Feb 2024 - Jun 2025

Laboratory Assistant

- Assisted in designing, preparing, and grading course assignments, ensuring fair and accurate evaluations for course Operation Research I & II and Integrated System Design Practice III.
- Streamlined the recruitment process for new teaching assistants, improving efficiency and candidate selection.

Education Level

Institut Teknologi Bandung - Bandung

Mar 2021 - Sep 2025

Bachelor of Industrial Engineering, 3.44/4.00

- Academic specialization : Supply Chain, Computer Simulation, and Statistics
- Courses : Logistic Energy System, Data Analytics, Agent-Based Modelling, and Procurement & Outsourcing System

Organisational Experience

MTI Consulting ITB - Bandung, Indonesia

Jun 2024 - Jun 2025

Management of Talent Acquisition

- Led recruitment for Board of Directors and project teams and successfully hiring top talents for organization.
- Collaborated with leadership to optimize hiring strategies and workforce planning.
- Facilitated engagement initiatives to strengthen the connection between new members in the organization.

Unit Kebudayaan Minangkabau - Bandung, Indonesia

Jan 2024 - Dec 2024

Secretary

- Achieved a 100% completion rate in archiving all UKM-ITB documents systematically.
- Successfully processed all exit request letters in a timely and organized manner.

MTI Consulting ITB - Bandung, Indonesia

Aug 2023 - Jan 2024

Associate Consultant

- Conducted biweekly project status meetings with clients and presented progress report.
- Initiated project charters and resolution plans.
- Developed 3-year business growth plan and risk mitigation.

Skills, Achievements & Other Experience

- **Achievements** 🏆 (2024): 5th Runner Up CONSTRAIN (Competition of Industrial Engineering) held by Universitas Hasanuddin
- **Achievements** 🏆 (2020): Participant, National Science Olympiad in Chemistry (2020) held by Pusat Prestasi Nasional
- **Software Skill**: Microsoft Office, SolidWorks, Arena (Simulation Modelling), AnyLogic (Simulation Modelling)
- **Interest**: Project Planning, Consulting, Supply Chain, Procurement

AA 078715

002001262017025100102

INSTITUT TEKNOLOGI BANDUNG

Ijazah diberikan kepada · *Certificate is conferred upon*

Husein

lahir di · *born in* Mekkah, 1 Desember 2003

Nomor Induk Mahasiswa · *Student Identity Number* 13421086

karena telah menyelesaikan pendidikan · *for successfully fulfilling all the requirements of the*

Program Sarjana Teknik Industri · *Bachelor Program in Industrial Engineering*

pada tanggal · *on* 30 September 2025.

Kepadanya diberikan gelar · *Therefore, the degree of*

Sarjana Teknik (S.T.) · Bachelor of Science in Industrial Engineering

beserta segala hak dan kewajiban · *is awarded with all the rights, privileges,*

yang melekat pada gelar tersebut. · *and responsibilities appertaining thereto.*

Diterbitkan pada tanggal · *Issued on* 25 Oktober 2025.



Dekan · *Dean of*
Fakultas Teknologi Industri
Faculty of Industrial Technology

Prof. Ir. Tirto Prakoso, S.T., M.Eng., Ph.D.



Rektor · *Rector*

Prof. Dr. Ir. Tatacipta Dirgantara, M.T.

Ijazah ini dapat diverifikasi di · *The authenticity of this certificate can be verified at* <https://akademik.itb.ac.id/alumni>
Institut Teknologi Bandung terakreditasi Unggul berdasarkan Keputusan BAN-PT · *Institut Teknologi Bandung is accredited "Superior" based on the Decree of BAN-PT*
No. 2004/SK/BAN-PT/Ak.Pp/PT/XII/2022



INSTITUT TEKNOLOGI BANDUNG

FAKULTAS TEKNOLOGI INDUSTRI

Jalan Ganesha 10 Bandung 40132 Telp. (022) 2504551 Fax. (022) 2509406

LAPORAN KEMAJUAN STUDI

Nama : Husein
 NIM : 13421086
 Tempat, Tanggal Lahir : MEKKAH, 1 Desember 2003
 Tahun Masuk ITB : 2021
 Fakultas/Sekolah : Fakultas Teknologi Industri
 Program Studi : Sarjana Teknik Industri



Semester 1				Semester 2			
Kode	Mata Kuliah	SKS	Nilai	Kode	Mata Kuliah	SKS	Nilai
FI1101-19	Fisika Dasar IA	4	AB	FI1201-19	Fisika Dasar IIA	4	B
KI1101-19	Kimia Dasar IA	3	A	KI1201-19	Kimia Dasar IIA	3	AB
KU1001-19	Olah Raga	2	AB	KU1024-19	Bahasa Inggris	2	AB
KU1011-19	Tata Tulis Karya Ilmiah	2	BC	KU1202-19	Pengantar Rekayasa dan Desain	3	B
KU1102-19	Pengenalan Komputasi	3	AB	KU1267-19	Menggambar Teknik	2	B
MA1101-19	Matematika IA	4	A	MA1201-19	Matematika IIA	4	AB
Semester 3				Semester 4			
Kode	Mata Kuliah	SKS	Nilai	Kode	Mata Kuliah	SKS	Nilai
TI2101-19	Pengantar Teknik Industri	2	B	TI2001-19	Penelitian Operasional I	3	AB
TI2103-19	Pengantar Ekonomika	2	BC	TI2002-19	Praktikum Perancangan Sistem Terintegrasi I	1	AB
TI2105-19	Teori Probabilitas	3	AB	TI2005-19	Analisis Biaya	3	AB
TI2106-19	Sistem Basis Data	2	AB	TI2201-19	Statistika Industri	3	A
KU2071-19	Pancasila dan Kewarganegaraan	2	A	TI2202-19	Pengantar Ergonomi	2	BC
MA2021-19	Matriks dan Ruang Vektor	3	A	TI2204-19	Proses Manufaktur	2	B
MS2050-19	Mekanika Teknik Dasar	3	AB	MA2031-19	Matematika III	2	A
MS2140-19	Material Teknik	2	AB	MR2003-19	Elektronika Industri	2	BC
Semester 5				Semester 6			
Kode	Mata Kuliah	SKS	Nilai	Kode	Mata Kuliah	SKS	Nilai
TI3001-19	Perencanaan & Pengendalian Produksi	2	AB	TI3005-19	Organisasi & Manajemen Perusahaan Industri	2	A
TI3002-19	Rekayasa Sistem Kerja	2	B	TI3006-19	Analisis & Perancangan Sistem Informasi	3	B
TI3003-19	Praktikum Perancangan Sistem Terintegrasi II	2	A	TI3007-19	Praktikum Perancangan Sistem Terintegrasi III	2	AB
TI3004-19	Ekonomi Teknik	2	C	TI3201-19	Keselamatan, Kesehatan, dan Lingkungan Kerja	2	AB
TI3102-19	Penelitian Operasional II	3	AB	TI3202-24	Sistem Rantai Pasok	2	AB
TI3103-19	Pemodelan Sistem	3	AB	TI3202-19	Sistem Produksi	2	AB
TI3104-19	Pengendalian & Penjaminan Mutu	3	AB	TI3203-19	Simulasi Komputer	3	AB
TI3105-19	Otomasi Industri	2	B	TI3204-19	Psikologi Industri	2	B
Semester 7				Semester 8			
Kode	Mata Kuliah	SKS	Nilai	Kode	Mata Kuliah	SKS	Nilai
TI4001-24	Proyek Rekayasa Inter-Disiplin	2	A	WI7001-24	Literasi Digital, AI, & Etika Akademik	2	P
TI4091-24	Tugas Akhir Teknik Industri I	2	B	TI4043-24	Sistem Logistik Energi	3	AB
TI3094-24	Praktikum Perancangan Sistem Terintegrasi IV	2	A	TI4241-19	Sistem Multi Agen	3	A
TI4095-24	Kerja Praktik Magang Industri	2	A	KU2061-19	Agama dan Etika Islam	2	AB
MR4013-19	Green Manufacturing	3	AB	L06011-24	Sistem Pengadaan dan Outsourcing	4	A
MR4061-24	Pengembangan Produk dan Bisnis	3	B	TI4092-24	Tugas Akhir Teknik Industri II	4	AB
TI3205-24	Perancangan Tata Letak Fasilitas	2	AB	TI4141-19	Analitika Data	3	B
TI3206-24	Sistem Enterprise dan Analitika Data	3	AB				

A (4): Sangat baik, AB (3,5): Antara baik dan sangat baik, B (3): Baik, BC (2,5): Antara baik dan cukup, C (2): Cukup, D (1): Kurang atau hampir cukup.

Indeks Prestasi Kumulatif (IPK) : 3,44

SKS IPK : 148

SKS Lulus : 150

Judul Tugas Akhir : USULAN PENINGKATAN KINERJA SARANA BONGKAR MUAT DI DERMAGA SAMUDERA TERMINAL CURAH KERING (TCK) BENGKULU DENGAN METODE SIMULASI

Bandung, 25 September 2025

Ketua Program Studi Sarjana Teknik Industri

Dr. Wisnu Aribowo, S.T., M.T.
 NIP 197903072010121002