

D I P L O M A

is presented to :

Name : **M. FARIT RUSDIWAN**

Reg. No. / Admission Year : 221020700098 / 2022

Place and Date of Birth : Sidoarjo, January 19, 2003

PISN : 071060262012026100059

Diploma Serial Number : 0993/10207/UMSIDA/VI/2026

Who has graduated on May 22, 2026 and met all educational requirements of the Bachelor Degree program at :

Faculty : SCIENCE AND TECHNOLOGY

Study Program : INDUSTRIAL ENGINEERING

Study Program Status : ACCREDITED (Very Good)

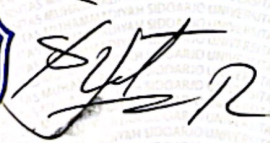
SK. LAM Teknik No: LAM Teknik No: 0559/SK/LAM Teknik/AS/III/2025, issued on August 14, 2025.

and the relevant student is awarded with the academic title of

SARJANA TEKNIK (ST)

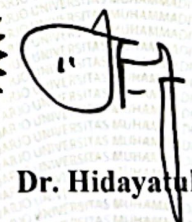
therewith all rights and liabilities attached thereon

Given in Sidoarjo on June 27, 2026

Dean,

Ir. Iswanto, S.T., M.MT., IPM.



Rector,


Dr. Hidayatulloh, M.Si

UMSID



UNIVERSITAS MUHAMMADIYAH SIDOARJO

FACULTY SCIENCE AND TECHNOLOGY

ACADEMIC TRANSCRIPT

Department : Industrial Engineering
Name : M. Farit Rusdiawan
ID No : 221020700098
Place, date of birth : Sidoarjo, January 19, 2003

Graduation Date : May 22, 2026
Number : 0993/10207/UMSIDA/VI/2026
PISN : 071060262012026100059
Grade Point Average : 3.5
Predicate : Very Good

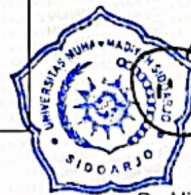
No	Code	Subject	Credit	Grade	No	Code	Subject	Credit	Grade	No	Code	Subject	Credit	Grade
1	TIN19101	Pancasila	2	A-	20	TIN19320	Operation Research 1	4	B-	39	TIN19539	Decision Analysis	2	A-
2	TIN19102	Indonesian Language	2	A	21	TIN19321	Industrial Statistics 1	3	A-	40	TIN19640	Manufacturing Process	4	A
3	TIN19103	Humanity And Faith	2	A	22	TIN19322	Work System Analysis And Design	2	A	41	TIN19641	Facility Layout Design	3	A-
4	TIN19104	English	2	B+	23	TIN19323	Work System Design And Ergonomic Practicum	2	A	42	TIN19642	Occupational Health And Safety System	2	A-
5	TIN19105	Technics Drawing	3	B+	24	TIN19424	Islam And Science Technology	2	A-	43	TIN19643	Manufacturing Process Practice	2	A-
6	TIN19106	Calculus 1	3	A-	25	TIN19425	Industrial Statistics 2	3	A	44	TIN19644	Facility Layout Design Practicum	2	B
7	TIN19107	Introduction To Industrial Engineering And Industrial Systems	3	B+	26	TIN19426	Industrial Statistics Practicum	2	B-	45	TIN19645	Technology Management*)	2	A-
8	TIN19108	Basic Physics 1	3	C	27	TIN19427	Operation Research 2	3	B+	46	TIN19647	Care Management	2	A-
9	TIN19209	Civic Studies	2	A	28	TIN19428	Organizational Management And Human Resources	4	A-	47	TIN19650	Community Service Program	3	A
10	TIN19210	Worship, Practice And Muamalah	2	B+	29	TIN19429	Production Planning And Control	2	B+	48	TIN23534	Industry Feasibility Analysis	2	A-
11	TIN19211	Industry Of Chemistry And Environmental Science	2	C+	30	TIN19430	Production Planning And Control Practice	1	A	49	TIN23637	Research Methodology	2	A
12	TIN19212	Basic Physics 2	3	B	31	TIN19431	Product Planning And Design	3	A-	50	TIN23639	Internship/ Work Field Practice	2	A-
13	TIN19213	Calculus 2	3	B+	32	TIN19532	Engineering Mechanics	2	B	51	TIN23640	Entrepreneurship	3	A-
14	TIN19214	Algorithm And Programming	3	B	33	TIN19533	Production System	3	B+	52	TIN23747	Supply Chain Engineering	3	A-
15	TIN19215	Introduction To Economic Science	3	B	34	TIN19534	Industrial System Simulation	2	B+	53	TIN23748	Integrated Project (Capstone Project)	4	A
16	TIN19216	Engineering Materials Knowledge	2	B	35	TIN19535	Engineering Economy	4	B+	54	TIN23749	Management Information Systems	2	B+
17	TIN19317	Muhammadiyah Studies	2	A-	36	TIN19536	Production System Practice	1	A-	55	TIN23755	Environmental Management*	2	B
18	TIN19318	Industrial Ergonomic	3	A-	37	TIN19537	Quality Control And Assurance	3	A	56	TIN23859	Undergraduate Thesis	6	A
19	TIN19319	System Model	3	A-	38	TIN19538	Project Management	3	B					
													Total of Credits	145

Grade Explanation		
Alphabet	Numbers	Interval
A	4.00	85 - 100
A-	3.67	80 - 85
B+	3.33	75 - 80
B	3.00	70 - 75
B-	2.67	65 - 70
C+	2.33	60 - 65
C	2.00	55 - 60
D	1.00	40 - 55
E	0.00	0 - 40

Thesis

LEAN SIX SIGMA WITH THE DMAIC CONCEPT AS AN EFFORT TO CONTROL POWDER PRODUCTION

Rector,



Dr. Hidayatulloh, M.Si

Sidoarjo, June 27, 2026

Dean,



Ir. Iswanto, S.T., M.MT., IPM

UMSIDA