

Mela Sari



I graduated from the Alkamal Institute of Science and Technology (ISTA), Faculty of Engineering, Department of Chemical Engineering. I am used to operating computers, Microsoft Office, HPLC, GC, Spectrophotometry, as well as other instruments and conventional laboratory equipment, I also have strong skills in the field of chemical analysis and microbiology, experience in testing raw materials, packaging materials, stability, finished products, Process Validation, Metalysis Validation, Development Analysis, and other Chemical and Microbiological Tests. With good analytical skills and attention to detail, I am enthusiastic about contributing to ensuring quality from raw materials to finished products in the company.

Banten, Tangerang, Indonesia

(+62) 87792011491 melasari_adp@yahoo.com

<https://www.linkedin.com/in/mela-sari-6b0519125/>

Employment History

August 2012 - November 2012

PT PERTAMINA (PERSERO) -

Intership

Pertamina Research & Development Unit waste processing testing

Carry out waste testing from input and output units using spectrophotometry, TOC and Soxhlet methods with the aim of knowing the levels of pH, BOD, COD and fat content in the waste

Manufacturing and testing of plastics and slabs from polypropylene

Making slabs and plastic from polypropylene from Plaju Palembang, as well as testing tensile strength, yield strength, etc.

November 2013 - December 2014

Quality Control kimia - PT Samco

Farma

Analyzing raw materials, packaging materials, finished products, QC and R&D stability, analyzing conventionally and using instruments

such as HPLC, UV VIS Spectro, Karl Fischer, Dissolution, etc.

Preparation - Analysis - Report input

January 2015 - October 2019

Quality Control Kimia dan Mikrobiologi - PT

Medikon Prima Laboratories

Chemical Quality Control

Carrying out analysis on raw materials, stability, UDT, methodological validation, process validation, finished products (conventional cosmetic plants / medicines and instruments such as HPLC, UV VIS Spectro, Karl Fischer, dissolution, etc. (Preparation - Analysis - Report input)

Microbiology Quality Control

Equipment and Media Preparation - Sterilization and Analysis (Analysis of raw materials, finished drugs, QC and R&D stability of Cosmetic / Drug plants, Potency tests, Environmental Monitoring (Machine swab tests, Air tests, Water tests), GPT, Cleaning validation, Storage validation etc. (Preparation of tools and media - Sterilization - Analysis - Input report)

November 2019 - May 2020

QC/QA/R&D - PT Pangan niaga

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Quality Control

Analysis of raw materials, packaging materials, finished products

Quality Assurance

Assist with paperwork, control documents, audit preparation and preparing COA

R&D Trial / develop / benchmark dry mix fund powder

September 2020 - Present

Quality Control - PT Arto Pharma

Indonesia

Analysis of raw materials, packaging materials, stability,

finished products, UDT, process validation, metalysis

validation, development analysis etc. conventionally and

Instrumentally

Education

2015 - 2021

Institut Sains Teknologi Alkamal (ISTA)

S1 Teknik Kimia

Skills

Soft Skills

- Carefully
- Be Patient
- Discipline
- Public Speaking
- Problem Solving

Software

- Microsoft Office / CRM
- HPLC
- GC
- Visio
- Analisa Kimia & Mikrobiologi
- Hysys / AspenTech

- Adobe Photoshop
- Karl Fischer

- AAS
- FTIR

Language

- Indonesia
- English

Nomor 4366



Kementerian
Perindustrian
REPUBLIK INDONESIA

KEMENTERIAN PERINDUSTRIAN
REPUBLIK INDONESIA



IJAZAH

SEKOLAH MENENGAH KEJURUAN - SMAK PADANG
(Sekolah Menengah Analis Kimia 4 Tahun)
TAHUN PELAJARAN 2012/2013

Yang bertanda tangan di bawah ini Kepala Sekolah Menengah Kejuruan - SMAK Padang menerangkan bahwa :

MELASARI

Lahir pada tanggal 28 Maret 1994 di Sungai Rumbai
anak dari Tando Abidin dengan nomor induk 095273
telah

LULUS

dalam mengikuti Ujian Sekolah guna memperoleh Ijazah Sekolah Menengah Kejuruan - SMAK Padang.

An. Menteri Perindustrian
Sekretaris Jenderal,



Jr. Ansari Bukhari, MBA
NIP. 19550212 198003 1001



Padang, 05 Juni 2013
Sekolah Menengah Kejuruan - SMAK Padang
Kepala,

Dra. Sih Parmawati, MM
NIP. 19630712 199003 2002



INSTITUT SAINS DAN TEKNOLOGI AL-KAMAL

TRANSKRIP NILAI

Nomor: 2242012021000135

Nama : MELA SARI
NIM : 201525012
Tempat & Tgl. Lahir : SUNGAI RUMBAI, 28 MARET 1994
Nomor Ijazah Nasional : 242012021000135
Tanggal Kelulusan : 06 MARET 2021

SK Mendikbud R.I. No. 0239/0/1989 Tanggal 22 April 1989
Fakultas : Sains dan Teknologi
Program Studi : Teknik Kimia
Program Pendidikan : Sarjana Strata Satu (S-1)

NO	KODE MATA KULIAH	MATA KULIAH	SKS (K)	NILAI (N)		NO	KODE MATA KULIAH	MATA KULIAH	SKS (K)	NILAI (N)	
				HRF	NxK					HRF	NxK
1	FI1211	FISIKA DASAR I	3	B	9	37	TK3316	TEKNIK REAKTOR	3	B	9
2	KI1231	KIMIA DASAR I	3	B	9	38	TK3326	PERPINDAHAN PANAS	3	B	9
3	KU1111	PENDIDIKAN AGAMA	2	A	8	39	TK3336	PENGENDALIAN PROSES	3	C	6
4	KU1121	BAHASA INDONESIA	2	B	6	40	TK3346	SISTEM UTILITAS	3	C	6
5	MA1221	KALKULUS I	3	B	9	41	TK3356	OPERASI PEMISAHAN II	2	C	4
6	TK1241	DASAR PEMOGRAMAN KOMPUTER	2	B	6	42	TK3366	PERANCANGAN PABRIK KIMIA	4	C	8
7	TK1251	KIMIA ORGANIK	4	A	16	43	TK3416	PRAKTIKUM PROSES DAN OPERASI TK	2	B	6
8	FI1212	FISIKA DASAR II	3	A	12	44	TK4217	MANAJEMEN PROYEK	2	B	6
9	KU1112	BAHASA INGGRIS	2	C	4	45	TK4247	TEKNOLOGI BAHAN MAKANAN	3	A	12
10	KU1122	MUAMALAH DAN ETIKA	2	A	8	46	TK4317	ANALISA EKONOMI TEKNIK KIMIA	2	C	4
11	KU1132	PENDIDIKAN KEWARGANEGARAAN	2	A	8	47	TK4327	PENGLOLAAN LIMBAH	2	C	4
12	KU1512	KONSEP TEKNOLOGI	2	B	6	48	TK4417	KERJA PRAKTEK	2	B	6
13	MA1222	KALKULUS II	3	C	6	49	TK4427	PENELITIAN	3	B	9
14	TK1232	PENGANTAR INDUSTRI KIMIA	3	A	12	50	TK4328	KESELAMATAN DAN KESEHATAN KERJA	2	B	6
15	TK1242	KIMIA DASAR II	3	A	12	51	TK4518	KEWIRUSAHAAN DAN PENGEMBANGAN BISNIS	2	A	8
16	KU2113	WAWASAN KEISLAMAN	2	A	8	52	TK4418	SEMINAR PENELITIAN	1	A	4
17	TK2313	TERMODINAMIKA TEKNIK KIMIA I	3	C	6	53	TK4428	TUGAS AKHIR PERANCANGAN PABRIK KIMIA	5	A	20
18	TK2323	KIMIA FISIK	4	B	12	54	TK4318	SIDANG SARJANA	1	B	3
19	TK2333	ANALISA MATEMATIKA TK I	3	B	9						
20	TK2343	AZAS TK I	3	C	6						
21	TK2353	OPERASI TK I	3	A	12						
22	TK2413	PRAKTIKUM PENGANTAR TK I	2	B	6						
23	TK2214	KIMIA ANALITIK	4	A	16						
24	TK2314	AZAS TEKNIK KIMIA II	3	B	9						
25	TK2324	TERMODINAMIKA TEKNIK KIMIA II	3	C	6						
26	TK2334	ANALISA MATEMATIKA TK II	3	A	12						
27	TK2344	OPERASI TK II	3	C	6						
28	TK2354	PEREKAYASAAN PRODUK KIMIA	3	A	12						
29	TK2414	PRAKTIKUM PENGANTAR TK II	2	B	6						
30	TK3215	METODOLOGI PENELITIAN	2	B	6						
31	TK3315	PROSES INDUSTRI KIMIA	3	A	12						
32	TK3325	RANCANGAN MEKANIK ALAT PROSES	3	B	9						
33	TK3335	OPERASI PEMISAHAN I	3	B	9						
34	TK3345	PENGANTAR PERISTIWA PINDAHAN	3	C	6						
35	TK3355	KINETIKA KATALISA	3	C	6						
36	TK3365	BAHAN KONSTRUKSI DAN KOROSI	3	B	9						

JUDUL SKRIPSI: PRA RANCANGAN PABRIK ETILEN DARI METANOL KAPASITAS PRODUKSI 500.000 TON/TAHUN

Jumlah SKS diperoleh : 145
Total Nilai : 444
Indeks Prestasi Kumulatif (IPK) : 3.06
PREDIKAT SANGAT MEMUASKAN

Rektor

Dr. Dede Rukmayadi, S.T., M.Si.



Jakarta, 21 April 2021

Dekan

apt. Drs. R. Muhammad Sadikin, M.M.





Nomor Ijazah Nasional: 242012021000135
National Certificate Number

INSTITUT SAINS DAN TEKNOLOGI AL-KAMAL

AL-KAMAL INSTITUTE OF SCIENCE AND TECHNOLOGY

Surat Keputusan Menteri Pendidikan dan Kebudayaan R.I. Nomor : 0239/0/1989 Tanggal 22 April 1989

The Decree from the Minister of Education and Culture of the Republic of Indonesia Number 0239/0/1989 dated on April 22, 1989
memberikan ijazah kepada
herewith certifies that

MELA SARI

: SUNGAI RUMBAI, 28 MARET 1994
: SUNGAI RUMBAI, MARCH 28th, 1994
: 201525012

Tempat dan Tanggal Lahir
Place and Date of Birth
Nomor Induk Mahasiswa

Student Registration Number
Nomor Induk Kependudukan

National Identity Number
Program Pendidikan

Education Program

Fakultas

Faculty

Program Studi

Study Program

Tanggal Kelulusan

Date of Graduation

Status

Status

: SARJANA STRATA SATU (S-1)

: SCHOLAR DEGREE (S-1)

: SAINS DAN TEKNOLOGI

: SCIENCE AND TECHNOLOGY

: TEKNIK KIMIA

: CHEMICAL ENGINEERING

: 06 MARET 2021

: MARCH 6th, 2021

: TERAKREDITASI oleh Badan Akreditasi Nasional Perguruan Tinggi Nomor : 453/SK/BAN-PT/Akred/S/III/2019.

: ACCREDITED by the National Accreditation Body for Higher Education Number : 453/SK/BAN-PT/Akred/S/III/2019.

Ijazah ini diserahkan setelah yang bersangkutan memenuhi semua persyaratan yang telah ditentukan, dan kepadanya dilimpahkan segala wewenang dan hak yang berhubungan dengan Ijazah yang dimilikinya, serta berhak memakai gelar akademik Sarjana Teknik (S.T.)

Is awarded the certificate after the beholder has completed all the educational requirements, and therefore, to her is given all the rights and authority thereto appertaining to this certificate, and is entitled the degree of Bachelor of Engineering (S.T.)



Rector
Rector

Dr. Dede Rukmayadi, S.T., M.Si.



Jakarta, 21 APRIL 2021

Dekan
Dean

apt. Drs. R. Muhammad Sadikin, M.M.