

Forename: Dounia

Official Translation
CNIB 065/2024
Translated from Arabic

Oval hologram bearing:
2000/2033

*Emblem of People's Democratic
Republic of Algeria*

Signature of the holder:
(Illegible signature)

People's Democratic Republic of Algeria

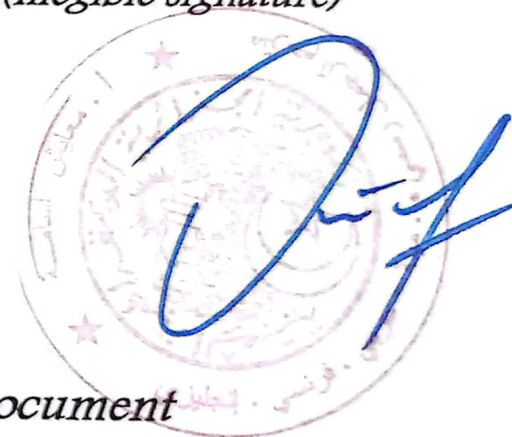
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10 JAN 2024

True and accurate translation of the original document



Official Translator-Interpreter

VALID ABROAD

Phone: + 213 (0) 662.83.52.42

Email : trad.maiche@hotmail.fr

Official Translation

CNIB 065/2024

Translated from Arabic

People's Democratic Republic of Algeria

National Identity Card

406204088

Issuing authority: Municipality of Grarem Gouga - Mila

Date of issue: 22.06.2023

Date of expiry: 21.06.2033

National identification number: 110000887076300000

Surname: BENSLIMAN

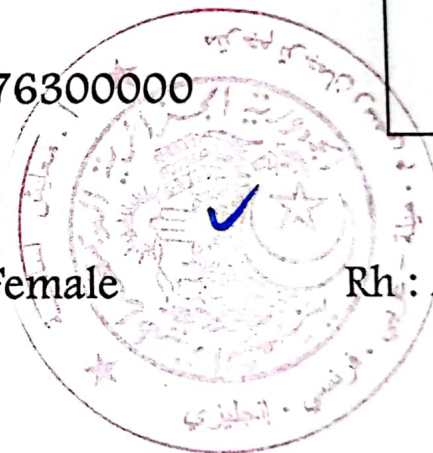
Forename: Dounia

Date of birth: 01.07.2000

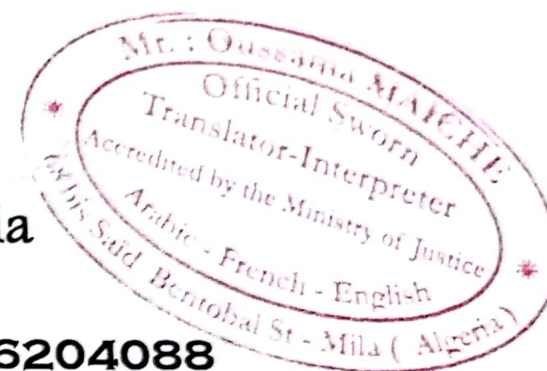
Place of birth: Constantine

Gender: Female

Rh: A+



*Here is affixed
a photograph
of the holder*



Official Translator-Interpreter

VALID ABROAD

Phone: + 213 (0) 662.83.52.42

Email: trad.maichea@hotmail.fr

Official Translation

D.BAC 061/2024

Translated from Arabic

People's Democratic Republic of Algeria
Ministry of National Education
National Office for Examinations and Contests

43/4455/4400/1156



Baccalaureate's Degree

Having regard to decree No. 63/495 of 31st December 1963 containing the establishment of the baccalaureate degree of secondary education;

Having regard to decree No. 68/46 of 08th February 1968 containing the creation of technician's baccalaureate.

The Minister of National Education;

According to the minutes of jury's deliberations for the session of: 2019
awards the Baccalaureate Degree of Secondary Education

to Ms. -Mr.: *Dounia BENSLIMAN*

born on: 01st July 2000 in: Constantine - Constantine

Number: 34076295

Branch: **Mathematical Techniques-
Electrical Engineering**

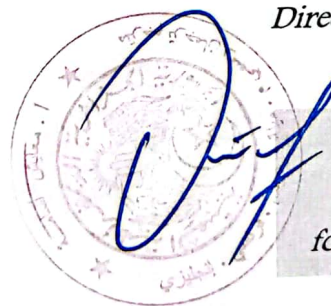
Grade: Cum laude

Algiers, on: 16th July 2019

On behalf of the Minister of National Education
Director of National Office for Examinations and Contests

M. BENZEMRANE

(Illegible signature)



Wet round seal bearing the following words:
*People's Democratic Republic of Algeria /
Ministry of National Education/ National Office
for Examinations and Contests/The Director of Office*

It is issued only one copy of this degree.

10 JAN 2024

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People's Democratic Republic of Algeria

Ministry of National Education

National Office for Examinations and Contests

4455/43
1156Transcript of Marks

Enrolment No.

34076295

Baccalaureate -Session: 2019

Branch: Mathematical Techniques- Electrical Engineering

Having regard to the minutes of jury's deliberations, the Director of the National Office for Examinations and Contests hereby certifies that:

Ms – Mr: Dounia BENSLIMAN

Born on: 01-07-2000 in: Constantine - Constantine

Institution: Directorate of Education – Mila/4400

Has succeeded after having obtained the following marks:

Course	Mark /20	Coefficient	Total
Technology – Electrical Engineering	15.50	7	108.50
Mathematics	11.50	6	069.00
Physics	12.50	6	075.00
Arabic Language and literatures	14.50	3	043.50
French – First Foreign Language	12.00	2	024.00
English - Second Foreign Language	08.50	2	017.00
Philosophy	16.00	2	032.00
History and Geography	14.00	2	028.00
Tamazight	--	2	-
Islamic Sciences	18.50	2	037.00
Physical and Sport Education	17.50	1	17.50
Grand total		33	451.50

Overall average /20

13.68

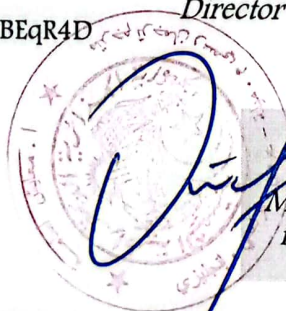
Drawn up at: Algiers, on: 16-07-2019

Confidential No.: JDBEqR4D

Director of National Office for Examinations and Contests

M.BENZEMRANE

(Illegible signature)



Wet round seal holding the following words:
People's Democratic Republic of Algeria/
Ministry of National Education/ National Office
for Examinations and Contests/ The Director.

douniabensliman/2000USEPWD_BC ---1563186369

10 JAN 2024

- It is issued only one copy of this transcript.

True and accurate translation of a copy

People's Democratic Republic of Algeria
Ministry of Higher Education and Scientific Research

University of Constantine 1



Certificate of University Attendance

Student: **Dounia BENSLIMAN**

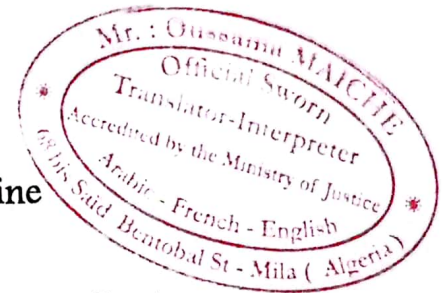
Born on: **01-07-2000** in: **Constantine** Province: **Constantine**

Enrolment No.: **UN25012022181934076295**

is enrolled in the Institution in order to pursue her/his university studies in:

Year: **First year** Domain or Branch: **Electrotechnics**

during the academic year: **2019/2020**



Signature

Vice-dean in charge of Studies and Student-related issues

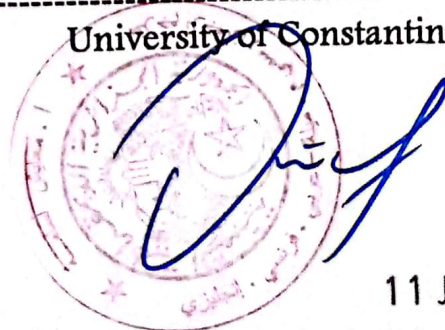
Abdesselem HOUAM

(Illegible signature)

Wet round seal bearing the following words:
*People's Democratic Republic of Algeria/
Ministry of Higher Education and Scientific
Research/ University Mentouri Brothers -
Constantine / (19-5)*

N.B.: It's issued only one copy of this certificate, the person concerned shall reproduce several copies for use when necessary.

University of Constantine 1



08/09/2019 10.06.43

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True and accurate translation of a scanned document

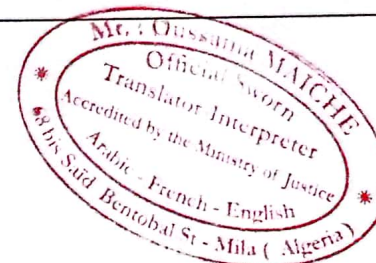


University Mentouri Brothers
Faculty of Sciences of Technology
Department of Electrotechnics

Official Translator-Interpreter

VALID ABROAD

Phone: + 213 (0) 662.83.52.42
Email: trad.maiche@hotmail.fr

Transcript of Marks

Academic Year: 2019/2020

Surname: BENSLIMAN

Forename: Dounia

Born on: 01-07-2000

in: Constantine

Enrolment No.: 34076295

Domain: Sciences and Technology

Branch: Electrotechnics

Specialty: "PROTEE"

Prepared degree: Professional Bachelor

SECOND SEMESTER				YEAR L1								
Education Units				Constituent Courses of Education Units			Obtained Results					
Nature	Code and Title	Credits	Coeff	Title (s)	Credits	Coeff	Courses			Education Unit		
							Mark	Credits	Session/ Year	Mark	Credits	Session/ Year
DEU	DEU Discovery EU 1	1.00	1	Science trades 2	1.00	1	13.00	1.00	S1 19/20	13.00	1.00	S1 19/20
FEU	FEU Fundamental EU 1	18.00	9	Mathematics 2	6.00	3	14.00	6.00	S1 19/20	16.33	18.00	S1 19/20
				Physics 2	6.00	3	16.00	6.00	S1 19/20			
				Thermodynamics	6.00	3	19.00	6.00	S1 19/20			
				Computer science 2	4.00	2	16.10	4.00	S1 19/20			
MEU	MEU Methodology EU 1	9.00	5	Methodology of writing 2	1.00	1	10.00	1.00	S1 19/20	13.74	9.00	S1 19/20
				PW Chemistry 2	2.00	1	14.00	2.00	S1 19/20			
				PW Physics 2	2.00	1	12.50	2.00	S1 19/20			
				French 2	1.00	1	11.00	1.00	S1 19/20			
TEU	TEU Transversal EU 1	2.00	2	English language 2	1.00	1	15.00	1.00	S1 19/20	13.00	2.00	S1 19/20

Average of the semester S1: 10.98
Session of the semester S1: S1
Annual average L1: 12.98
Decision of the Jury: Pass/Session1

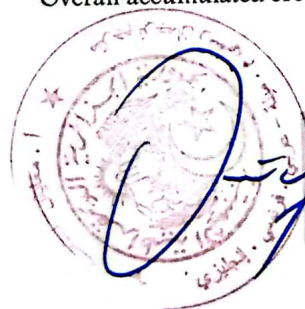
Obtained credits in the semester S1: 30.00

Overall accumulated credits in the year L1: 60.00

Average of the semester S2: 14.98
Session of the Semester S2: S1

Obtained credits in the semester S2: 30.00

Overall accumulated Credits during the curriculum: 60.00



Wet round seal bearing the following words:
People's Democratic Republic of Algeria/
Ministry of Higher Education and Scientific Research/
University Mentouri Brothers (19-18)

10 JAN 2024

True and accurate translation of the original document

On: 20th December 2020
Head of Department
Head of Electrotechnics Department
Djalal KERDOUNE
(Illegible Signature)



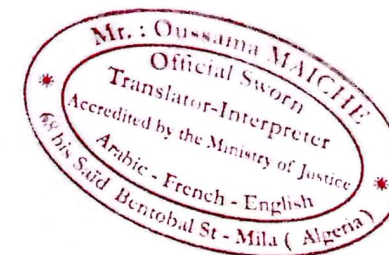
University Mentouri Brothers
Faculty of Sciences of Technology
Department of Electrotechnics

Official Translator-Interpreter

VALID ABROAD

Phone: + 213 (0) 662.83.52.42

Email : trad.maiche@hotmail.fr

Transcript of Marks

Academic Year: 2019/2020

Surname: BENSLIMAN

Forename: Dounia

Born on: 01-07-2000

in: Constantine

Enrolment No.: 34076295

Domain: Sciences and Technology

Branch: Electrotechnics

Specialty: "PROTEE"

Prepared degree: Professional Bachelor

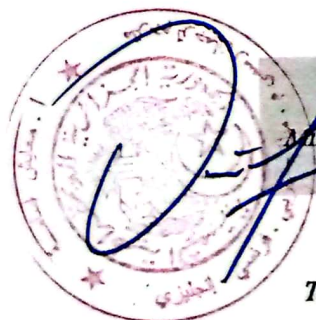
FIRST SEMESTER				YEAR L1								
Education Units				Constituent Courses of Education Units			Obtained Results					
Nature	Code and Title	Credits	Coeff	Title (s)	Credits	Coeff	Courses			Education Unit		
							Mark	Credits	Session/ Year	Mark	Credits	Session/ Year
DEU	DEU 1 Discovery EU	1.00	1	Science trades	1.00	1	8.25		S1 19/20	8.25		S1 19/20
FEU	FEU Fundamental EU	18.00	09	Mathematics 1	6.00	3	8.90		S1 19/20	10.42	18.00	S1 19/20
				Physics 1	6.00	3	8.80		S1 19/20			
				Structure of matter 1	6.00	3	13.55	6.00	S1 19/20	11.83	9.00	S1 19/20
				Computer science 1	4.00	2	11.00	4.00	S1 19/20			
MEU	MEU1 Methodology EU	9.00	05	Methodology of writing 1	1.00	1	11.00	1.00	S1 19/20			
				PW Chemistry 1	2.00	1	13.50	2.00	S1 19/20	12.75	2.00	S1 19/20
				PW Physics 1	2.00	1	12.63	2.00	S1 19/20			
TEU	TEU1 Transversal EU	2.00	2	French language 1	1.00	1	10.00	1.00	S1 19/20	12.75	2.00	S1 19/20
				English language 1	1.00	1	15.50	1.00	S1 19/20			

Average of the semester S1: 10.98

Credits obtained in the semester S1: 30.00

Session of the semester S1: S1

Total credits obtained during the curriculum: 90.00



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Ministry of Higher Education and Scientific Research/
University Mentouri Brothers (19-18)

10 JAN 2024

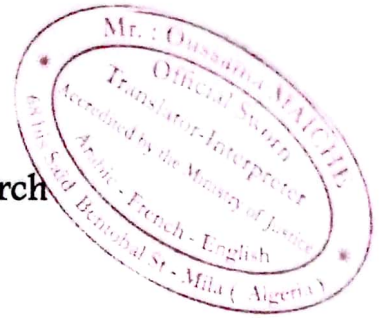
True and accurate translation of the original document

On: 20th December 2020
Head of Department
Head of Electrotechnics Department
Djalal KERDOUNE
(Illegible Signature)

**People's Democratic Republic of Algeria
Ministry of Higher Education and Scientific Research**



**University Mentouri Brothers – Constantine
Faculty of Sciences of Technology
Department of Electrotechnics**



Certificate of University Attendance

The Head of Electrotechnics Department, hereby certifies that the student:

Surname: **BENSLIMAN**

Forename: **Dounia**

born on: **01-07-2000**

in: **Constantine**

is enrolled in the: **2nd year** – Domain: **Sciences and Technology**

Branch: **Electrotechnics** – Speciality: **Processes and Treatment of Electrical Energy**

Cycle: **Professional Bachelor**

Academic year: **2020/2021** is pursuing his/her studies until the current day.

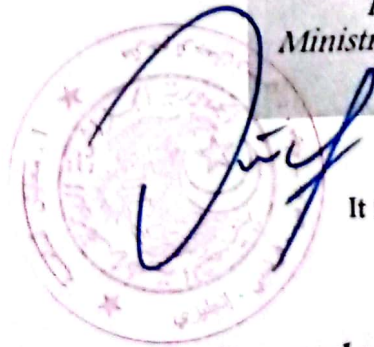
Under the No.: **34076295**

Observation: **/**

Drawn up on: **19th January 2021**

The Head of Department
Head of Electrotechnics Department
Djalal KERDOUNE
(Illegible signature)

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Ministry of Higher Education and Scientific Research/
University Mentouri Brothers (19-18)*



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University Mentouri Brothers
Faculty of Sciences of Technology
Department of Electrotechnics

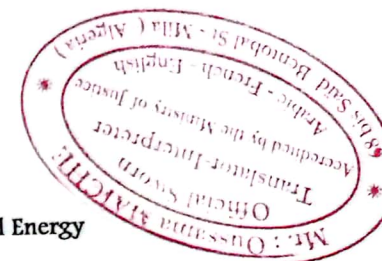
Official Translator-Interpreter

VALID ABROAD

Phone: + 213 (0) 662.83.52.42

Email: trad.maiche@hotmail.fr

Transcript of Marks



Academic Year: 2020/2021

Surname: BENSLIMAN

Forename: Dounia

Born on: 01-07-2000

in: Constantine

Enrolment No.: 34076295

Domain: Sciences and Technology

Branch: Electrotechnics

Specialty: Processes and Treatment of Electrical Energy

Prepared degree: Professional Bachelor

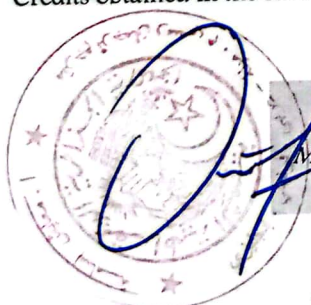
THIRD SEMESTER				YEAR L2								
Education Units				Constituent Courses of Education Units			Obtained Results					
Nature	Code and Title	Credits	Coeff	Title (s)	Credits	Coeff	Courses			Education Unit		
							Mark	Credits	Session/ Year	Mark	Credits	Session/ Year
FEU	FEU Fundamental EU	6.00	3	EIDT: Low-voltage equipment and installations	2.00	1	14.35	2.00	S1 20/21	11.85	6.00	S1 20/21
				Electricity networks	4.00	2	10.60	4.00	S1 20/21			
DEU	DEU 1 Discovery EU	1.00	1	Electrical systems design	1.00	1	17.00	1.00	S1 20/21	17.00	1.00	S1 20/21
FEU	FEU Fundamental EU 1	10.00	5	ALL1: Automation and industrial computing	4.00	2	16.65	4.00	S1 20/21	11.46	10.00	S1 20/21
				Analog electronics	2.00	1	14.00	2.00	S1 20/21			
				ELT1: General electrical engineering	4.00	2	5.00		S1 20/21			
MEU	MEU Methodology EU	12.00	7	PW Technical design	2.00	2	10.50	2.00	S1 20/21	12.60	12.00	S1 20/21
				PW Automation and industrial computing	2.00	1	15.00	2.00	S1 20/21			
				PW Analog electronics	2.00	1	13.75	2.00	S1 20/21			
				PW Low-voltage equipment and installations, dome	2.00	1	14.08	2.00	S1 20/21			
				PW General electrical engineering	2.00	1	12.40	2.00	S1 20/21			
				PW Electricity networks	2.00		12.00	2.00	S1 20/21			
TEU	TEU Transversal EU	1.00	1	English 1	1.00	1	5.50		S1 20/21	5.50		S1 20/21

Average of the semester S3: 11.97

Credits obtained in the semester S3: 30.00

Session of the semester S3: S1

Total credits obtained during the curriculum: 90.00



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People's Democratic Republic of Algeria/
Ministry of Higher Education and Scientific Research/
University Mentouri Brothers (19-18)

10 JAN 2024

True and accurate translation of the original document

On: 08th September 2021
Head of Department
Head of Electrotechnics Department
Djalal KERDOUNE
(Illegible Signature)

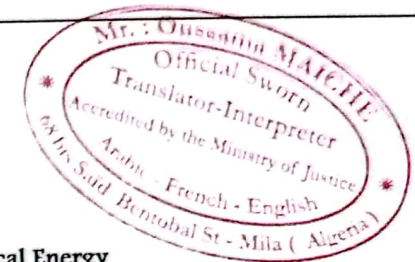


University Mentouri Brothers
Faculty of Sciences of Technology
Department of Electrotechnics

Official Translator-Interpreter

VALID ABROAD

Phone: + 213 (0) 662.83.52.42
Email: trad.maiche@hotmail.fr

Transcript of Marks

Academic Year: 2020/2021

Surname: BENSLIMAN

Enrolment No.: 34076295

Prepared degree: Professional Bachelor

Forename: Dounia

Domain: Sciences and Technology

Born on: 01-07-2000

Branch: Electrotechnics

in: Constantine

Specialty: Processes and Treatment of Electrical Energy

FOURTH SEMESTER				YEAR L2								
Education Units				Constituent Courses of Education Units			Obtained Results					
Nature	Code and Title	Credits	Coeff	Title (s)	Credits	Coeff	Courses			Education Unit		
							Mark	Credits	Session/ Year	Mark	Credits	Session/ Year
DEU	DEU Discovery EU	2.00	2	EIDT: Low-voltage equipment and installations	2.00	2	8.9		S1 20/21	8.90		S1 20/21
FEU	FEU Fundamental EU 2	6.00	3	EIDT 2: Low-voltage equipment and installations	2.00	1	14.47	2.00	S1 20/21	14.42	6.00	S1 20/21
				RE2: Electricity networks 2	4.00	2	14.40	4.00	S1 20/21			
MEU	MEU Methodology EU	10.00	5	PW Automatismes 1	2.00	1	13.08	2.00	S1 20/21	12.79	10.00	S1 20/21
				PW Electricity networks 2	2.00	1	12.00	2.00	S1 20/21			
				PW General electrical engineering 2	2.00	1	14.10	2.00	S1 20/21			
				PW Low-voltage equipment and installations, dome	2.00	1	13.50	2.00	S1 20/21			
				PW Power electronics	2.00	1	11.25	2.00	S1 20/21			
				English 2	1.00	1	12.00	1.00	S1 20/21			
TEU	TEU Transversal EU	2.00	2	French	1.00	1	12.00	1.00	S1 20/21	12.00	2.00	S1 20/21
				Automatismes 1	2.00	1	10.50	2.00	S1 20/21			
FEU	FEU Fundamental EU 1	10.00	5	ELT2: General electrical engineering 2	4.00	2	14.00	4.00	S1 20/21	12.50	10.00	S1 20/21
				ELP: Power electronics	4.00	2	12.00	4.00	S1 20/21			

Average of the semester S3: 11.97
Session of the semester S3: S1
Annual average L2: 12.21
Decision of the Jury: Pass/Session1

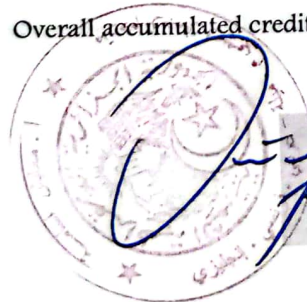
Obtained credits in the semester S3: 30.00

Overall accumulated credits in the year L2: 60.00

Average of the semester S4: 12.44
Session of the Semester S4: S1

Obtained credits in the semester S4: 30.00

Overall accumulated Credits during the curriculum: 120.00



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People's Democratic Republic of Algeria/
Ministry of Higher Education and Scientific Research/
University Mentouri Brothers (19-18)

10 JAN 2024

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On: 08th September 2021
Head of Department
Head of Electrotechnics Department
Djalal KERDOUNE
(Illegible Signature)

People's Democratic Republic of Algeria
Ministry of Higher Education and Scientific Research



University Mentouri Brothers – Constantine
Faculty of Sciences of Technology
Department of Electrotechnics



Certificate of University Attendance

The Head of Electrotechnics Department, hereby certifies that the student:

Surname: **BENSLIMAN**

Forename: **Dounia**

born on: **01-07-2000**

in: **Constantine**

is enrolled in the: **3rd year – Domain: Sciences and Technology**

Branch: **Electrotechnics – Speciality: Processes and Treatment of Electrical Energy**

Cycle: **Professional Bachelor**

Academic year: **2021/2022** is pursuing his/her studies until the current day.

Under the No.: **34076295**

Observation: **/**

Drawn up on: **14th September 2021**

The Head of Department
Head of Electrotechnics Department
Djalal KERDOUNE
(Illegible signature)

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Ministry of Higher Education and Scientific Research/
University Mentouri Brothers (19-18)*



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True and accurate translation of the original document

People's Democratic Republic of Algeria
Ministry of Higher Education and Scientific Research
University of Constantine 1
Faculty of Sciences of Technology
Department of Electrotechnics

Official Translator-Interpreter

VALID ABROAD

Phone: + 213 (0) 662.83.52.42

Email: trad.maiche@hotmail.fr

Official Translation
MT 070/2024
Translated from French



Transcript of Marks

Academic Year: 2021/2022

Surname: BENSLIMAN

Enrolment No.: UN25012021181934076295

Domain: Sciences and Technologies

Branch: Electrotechnics

Speciality: Processes and Treatment of Electrical Energy

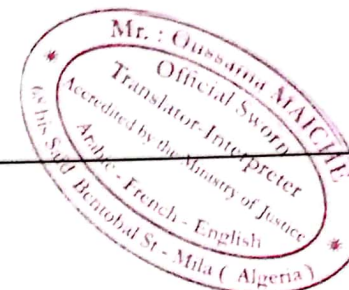
Prepared Degree: Bachelor (Professional)

Forename: Dounia

Level: Bachelor – 3rd Year

Born on: 01-07-2000

in: Constantine



Education Units (E.U.)							Constituent Courses of Education Units					
Nature	EU Code	Credit	Coeff	Average	Credit	Sess	Heading (s)	Credit	Coeff	Average	Credit	Sess
FEU	A00F0001S5	08	4.0	17.9	08	N	Servo systems	4.0	2.0	17.6	4.0	N
							CCE: Electromechanical converter control	4.0	2.0	18.2	4.0	N
FEU	A00F0002S5	08	4.0	12.35	08	N	PRE: Protection of electrical networks	4.0	2.0	12.4	4.0	N
							Automatisms 2	4.0	2.0	12.3	4.0	N
MEU	A00M0001S5	10	6.0	14.02	10	N	Automatisms 2	2.0	1.0	15.5	2.0	N
							PW Electromechanical converter control	2.0	1.0	13.5	2.0	N
							PW Servo systems	2.0	1.0	13.0	2.0	N
							Interdisciplinary tutorials	2.0	2.0	13.0	2.0	N
							PW Automatisms 2	2.0	1.0	16.0	2.0	N
							PW Protection of electrical networks	2.0	1.0	13.12	2.0	N
							AEE: Electrical power supply	2.0	1.0	13.4	2.0	N
DEU	A00D0001S5	02	1.0	13.4	02	N	Enterprise management	1.0	1.0	16.0	1.0	N
TEU	A00T0001S5	02	2.0	12.24	02	N	English 3	1.0	1.0	8.5	1.0	N
Average of semester 5: 14.3							Session: N					
							Credit of semester 5: 30					
FEU	A00F0001S6	06	3.0	16.27	06	N	Electrical control of industrial mechanisms	4.0	2.0	17.1	4.0	N
							Servo systems	2.0	1.0	14.6	2.0	N
FEU	A00F0002S6	08	4.0	14.95	08	N	HT: High-voltage	2.0	1.0	14.8	2.0	N
							Automatisms 3	2.0	1.0	17.0	2.0	N
							GRE: Electrical networks management	4.0	2.0	14.0	4.0	N
							PW Automatisms 3	2.0	1.0	12.88	2.0	N
MEU	A00M0001S6	12	7.0	14.22	12	N	PW Electrical networks management	2.0	1.0	14.0	2.0	N
							PW Servo systems	2.0	1.0	14.13	2.0	N
							PW High-voltage	2.0	1.0	12.0	2.0	N
							End-of-cycle project and internship	4.0	3.0	15.5	4.0	N
							Sensors and metrology	2.0	1.0	11.8	2.0	N
DEU	A00D0001S6	02	1.0	11.8	02	N	Technical management	1.0	1.0	13.0	1.0	N
TEU	A00T0001S6	02	2.0	11.63	02	N	English 4	1.0	1.0	10.25	1.0	N
Average of semester 6: 14.31							Session: N					
							Credit of semester 6: 30					

N: Normal session - R: Resit session

Average: 14.31

Decision: Pass (Normal session)

Overall accumulated credits of the year: 60

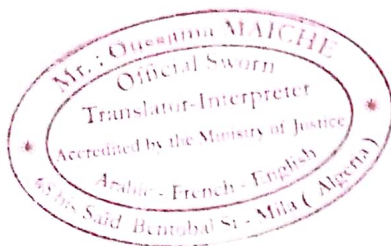
*Wet round seal bearing the following words:
People's Democratic Republic of Algeria/
Ministry of Higher Education and Scientific Research/
University Mentouri Brothers (19-18)*

Overall accumulated credits in the curriculum: 180

Head of Department
Head of Electrotechnics Department
Djalal KERDOUNE/(Illegible Signature)

On: 14-07-2022

True and accurate translation of the original document



Official Translation
DL 062/2024
Translated from Arabic

Official Translator-Interpreter
VALID ABROAD
Phone: + 213 (0) 662.83.52.42
Email : trad.mache@bormail.fr



People's Democratic Republic of Algeria
Ministry of Higher Education and Scientific Research
University of Constantine 1

Provisional Certificate of Success

No.: UN2501/2022/181934076295/L/0002

The Rector of Constantine 1 University,
having regard to:

- The executive decree No. 08-265 dated on 18-08-2008 setting up the bachelor's degree, master's degree and doctorate's degree;
- The decision No. 2 dated on 03-01-2021 containing the habilitation of the institution in order to ensure the training in professional bachelors;
- The minutes of jury's deliberations dated on: 23-06-2022;

hereby certifies that Ms -Mr.: Dounia BENSLIMAN Born on: 01-07-2000 in: Constantine;
has obtained the:

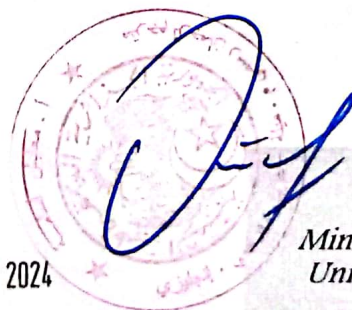
Bachelor's Degree

In the domain: Sciences and Technologies
Branch: Electrotechnics
Speciality: Processes and Treatment of Electrical Energy
From the Faculty of: Sciences of Technology
Department: Electrotechnics

In: Constantine, on: 07-07-2022

On behalf of the Dean of Faculty
Head of Electrotechnics Department
Djalal KERDOUNE
(Illegible signature)

On behalf of the Rector of University
Dean of Sciences of Technology Faculty
Pr. Aissa BOUZID
(Illegible signature)



Wet round seal bearing the following words:
People's Democratic Republic of Algeria/
Ministry of Higher Education and Scientific Research/
University Mentouri Brothers -Constantine / (19-18)

10 JAN 2024

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University Mentouri Brothers -Constantine / (19-5)

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People's Democratic Republic of Algeria
Ministry of Higher Education and Scientific Research

University of Constantine 1



Certificate of University Attendance

Student: **Dounia BENSLIMAN**

Born on: **01-07-2000** in: **Constantine**

Enrolment No.: **UN25012022181934076295**

is enrolled in the Institution in order to pursue her/his university studies in:

Year: **First year Master**

Domain: **Sciences and Technologies**

Branch: **Electrotechnics**

Speciality: **Industrial Electrotechnics**

Academic year: **2022/2023**



Signature

Head of Electrotechnics Department

Djalal KERDOUNE

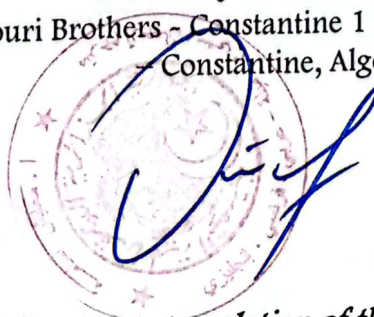
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Ministry of Higher Education and Scientific
Research/ University Mentouri Brothers -
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University of Constantine 1

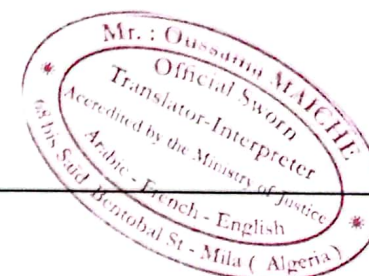
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Constantine, Algeria



06/10/2022 12.48.15

10 JAN 2024

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Transcript of Marks

Academic Year: 2022/2023

Surname: BENSLIMAN

Enrolment No.: UN25012021181934076295

Domain: Sciences and Technologies

Prepared Degree: Master (Academic)

Forename: Dounia

Level: Master I

Branch: Electrotechnics

Born on: 01-07-2000

in: Constantine

Speciality: Industrial Electrotechnics

Education Units (E.U.)							Constituent Courses of Education Units					
Nature	EU Code	Credit	Coeff	Average	Credit	Sess	Heading (s)	Credit	Coeff	Average	Credit	Sess
FEU	A00F0001M_S1	10	5.0	12.78	10	N	Advanced power electronics	4.0	2.0	16.56	4.0	N
							Electrical power transmission and distribution network	4.0	2.0	10.63	4.0	N
							u-processors and u-controllers	2.0	1.0	09.50	0.0	N
FEU	A00F0002M_S1	08	4.0	09.70	04	N	Applied numerical methods and optimisation	4.0	2.0	10.00	4.0	N
							Advanced electrical machines	4.0	2.0	09.40	4.0	N
MEU	A00M0001M_S1	09	5.0	13.30	09	N	PW Advanced power electronics	2.0	1.0	13.25	2.0	N
							PW u-processors and u-controllers	1.0	1.0	13.00	1.0	N
							PW Applied numerical methods and optimisation	2.0	1.0	11.50	2.0	N
							PW Advanced electrical machines	2.0	1.0	13.75	2.0	N
							PW Electrical power transmission and distribution network	2.0	1.0	15.00	2.0	N
DEU	A00D0001M_S1	02	2.0	07.25	01	N	Choice of basket (Management)	1.0	1.0	10.00	1.0	N
							Choice of basket (Renewable energy)	1.0	1.0	04.50	0.0	N
TEU	A00T0001M_S1	01	1.0	04.75	00	N	Technical English and terminology	1.0	1.0	04.75	0.0	N
Average of semester 1: 11.09							Credit of semester 1: 30	Session: N				
FEU	A00F0001M_S2	10	5.0	13.62	10	N	Sampled servo systems and numeric control	4.0	2.0	14.55	4.0	N
							Industrial automation technology	2.0	1.0	11.00	2.0	N
							Industrial electricity	4.0	2.0	14.00	4.0	N
FEU	A00F0002M_S2	08	4.0	13.10	08	N	Modelling and identification of electrical systems	4.0	2.0	12.80	4.0	N
							Electric drives	4.0	2.0	13.40	4.0	N
MEU	A00M0001M_S2	09	5.0	13.47	09	N	Techniques of high-voltage	3.0	2.0	13.45	3.0	N
							PW Industrial electricity/PW Modelling and identification of electrical systems	2.0	1.0	10.46	2.0	N
							PW Electric drives	2.0	1.0	16.00	2.0	N
							PW Sampled servo systems and numeric control	2.0	1.0	14.00	2.0	N
DEU	A00D0001M_S2	02	2.0	11.13	02	N	Choice of basket (Machine calculation)	1.0	1.0	11.75	1.0	N
							Choice of basket (Industrial computing)	1.0	1.0	10.50	1.0	N
TEU	A00T0001M_S2	01	1.0	16.90	01	N	Ethics, deontology and intellectual property	1.0	1.0	16.90	1.0	N
Average of semester 2: 13.35							Credit of semester 2: 30	Session: N				

Average: 12.22 Decision: Pass (Normal session)

Overall accumulated credits of the year: 60

Overall accumulated credits in the curriculum: 60

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People's Democratic Republic of Algeria/
Ministry of Higher Education and Scientific Research/
University Mentouri Brothers (19-18)

Head of Department
Head of Electrotechnics Department
Djalal KERDOUNE/(Illegible Signature)

On: 24-09-2023

True and accurate translation of the original document

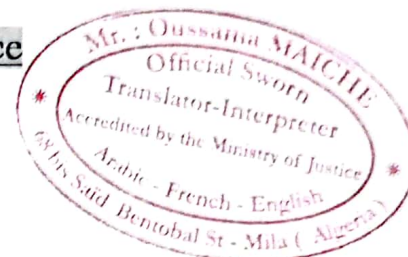
10 JAN 2024

People's Democratic Republic of Algeria
Ministry of Higher Education and Scientific Research

University of Constantine 1



Certificate of University Attendance



Student: Dounia BENSLIMAN

Born on: 01-07-2000 in: Constantine

Enrolment No.: UN25012022181934076295

is enrolled in the Institution in order to pursue her/his university studies in:

Year: Second year Master

Domain: Sciences and Technologies

Branch: Electrotechnics

Speciality: Industrial Electrotechnics

Academic year: 2023/2024

Signature

Head of Electrotechnics Department
Djalal KERDOUNE
(Illegible signature)

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Ministry of Higher Education and Scientific
Research/ University Mentouri Brothers -
Constantine / (19-18)

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- Constantine, Algeria



10 JAN 2024

20/09/2023 10.03.04

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