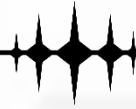


*People's Democratic Republic of Algeria*  
*Ministry of Higher Education and Scientific Research*

# *Certificate*



I hereby certify that the student

*Boudouh Chahinazmajda*

has successfully completed his **Information and Communication Technology (ICT)** course.

He has obtained the mention of *Excellent* for the university year of 2023-2024.

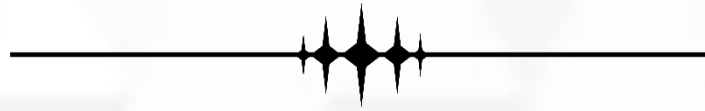
*Head of Department*  
*Pr. Bouhitem*



*Professor Supervisor*  
*Dr. Athmani*

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

# *Certificate*



I hereby certify that the student

*Guerira Belhi*

has successfully completed his **Information and Communication Technology (ICT)** course.

He has obtained the mention of *Excellent* for the university year of 2023-2024.

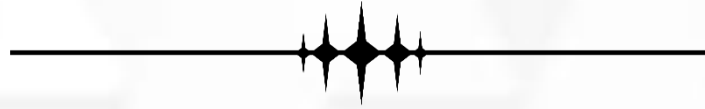
*Head of Department*  
*Pr. Bouhitem*



*Professor Supervisor*  
*Dr. Athmani*

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

# *Certificate*



I hereby certify that the student

*Brahmi nassira*

has successfully completed his **Information and Communication Technology (ICT)** course.

He has obtained the mention of *Excellent* for the university year of 2023-2024.

*Head of Department*  
*Pr. Bouhitem*



*Professor Supervisor*  
*Dr. Athmani*

*People's Democratic republic of Algeria*  
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# *Certificate*



I hereby certify that the student

*Abdellaoui Saida*

has successfully completed his **Information and Communication Technology (ICT)** course.

He has obtained the mention of *Excellent* for the university year of 2023-2024.

*Head of Department*  
*Pr. Bouhitem*



*Professor Supervisor*  
*Dr. Athmani*

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

# *Certificate*



I hereby certify that the student

*Aloui Ahmed*

has successfully completed his **Information and Communication Technology (ICT)** course.

He has obtained the mention of *Excellent* for the university year of 2023-2024.

*Head of Department*  
*Pr. Bouhitem*



*Professor Supervisor*  
*Dr. Athmani*

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

# *Certificate*



I hereby certify that the student

*Ahmid Hania*

has successfully completed his **Information and Communication Technology (ICT)** course.

He has obtained the mention of *Excellent* for the university year of 2023-2024.

*Head of Department*  
*Pr. Bouhitem*



*Professor Supervisor*  
*Dr. Athmani*

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# *Certificate*



I hereby certify that the student

*Khelafi Haiyem Aicha*

has successfully completed his **Information and Communication Technology (ICT)** course.

He has obtained the mention of *Excellent* for the university year of 2023-2024.

*Head of Department*  
*Pr. Bouhitem*

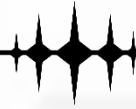


*Professor Supervisor*  
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# *Certificate*



I hereby certify that the student

*Izzgheche Bouchra*

has successfully completed his **Information and Communication Technology (ICT)** course.

He has obtained the mention of *Excellent* for the university year of 2023-2024.

*Head of Department*  
*Pr. Bouhitem*

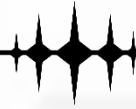


*Professor Supervisor*  
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# *Certificate*



I hereby certify that the student

*Izzgheche Oumaima*

has successfully completed his **Information and Communication Technology (ICT)** course.

He has obtained the mention of *Excellent* for the university year of 2023-2024.

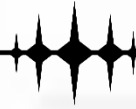
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# *Certificate*



I hereby certify that the student

*Settouti Nour El Houda*

has successfully completed his **Information and Communication Technology (ICT)** course.

He has obtained the mention of *Excellent* for the university year of 2023-2024.

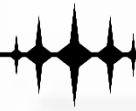
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# *Certificate*



I hereby certify that the student

*Chanoufi Amel*

has successfully completed his **Information and Communication Technology (ICT)** course.

He has obtained the mention of *Excellent* for the university year of 2023-2024.

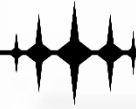
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# *Certificate*



I hereby certify that the student

*Boudib Sabrina*

has successfully completed his **Information and Communication Technology (ICT)** course.

He has obtained the mention of *Excellent* for the university year of 2023-2024.

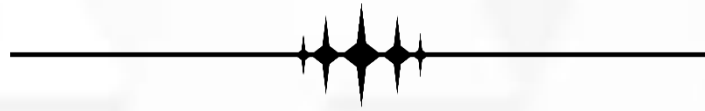
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# *Certificate*



I hereby certify that the student

*Kheireddine Ranine Khadidja*

has successfully completed his **Information and Communication Technology (ICT)** course.

He has obtained the mention of *Excellent* for the university year of 2023-2024.

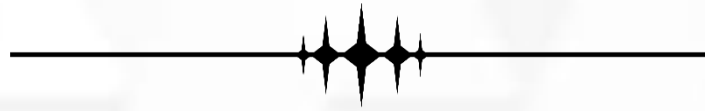
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# *Certificate*



I hereby certify that the student

*Kheloufi Hana*

has successfully completed his **Information and Communication Technology (ICT)** course.

He has obtained the mention of *Excellent* for the university year of 2023-2024.

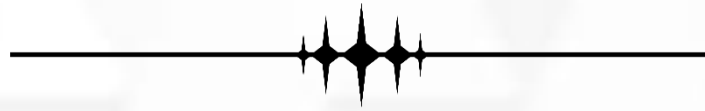
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# *Certificate*



I hereby certify that the student

*Kerdelouad Inas*

has successfully completed his **Information and Communication Technology (ICT)** course.

He has obtained the mention of *Excellent* for the university year of 2023-2024.

*Head of Department*  
*Pr. Bouhitem*

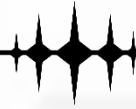


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# *Certificate*



I hereby certify that the student

*Kherchouche Imane*

has successfully completed his **Information and Communication Technology (ICT)** course.

He has obtained the mention of *Excellent* for the university year of 2023-2024.

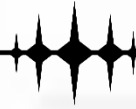
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# *Certificate*



I hereby certify that the student

*Torai Ines*

has successfully completed his **Information and Communication Technology (ICT)** course.

He has obtained the mention of *Excellent* for the university year of 2023-2024.

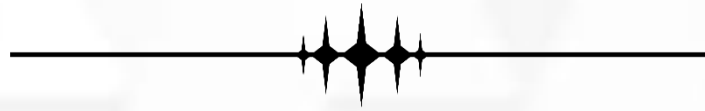
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# *Certificate*



I hereby certify that the student

*Alouane fayçal*

has successfully completed his **Information and Communication Technology (ICT)** course.

He has obtained the mention of *Excellent* for the university year of 2023-2024.

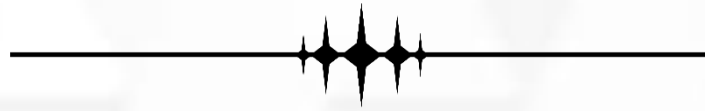
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*Professor Supervisor*  
*Dr. Athmani*

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*Ministry of Higher Education and Scientific Research*

# *Certificate*



I hereby certify that the student

*Ben Mousa Ahmed Amine*

has successfully completed his **Information and Communication Technology (ICT)** course.

He has obtained the mention of *Excellent* for the university year of 2023-2024.

*Head of Department*  
*Pr. Bouhitem*



*Professor Supervisor*  
*Dr. Athmani*

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*Ministry of Higher Education and Scientific Research*

# *Certificate*



I hereby certify that the student

*Onaourghi Aicha*

has successfully completed his **Information and Communication Technology (ICT)** course.

He has obtained the mention of *Excellent* for the university year of 2023-2024.

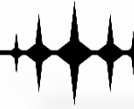
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*Professor Supervisor*  
*Dr. Athmani*

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

# *Certificate*



I hereby certify that the student

*Dahmani Ismahane*

has successfully completed his **Information and Communication Technology (ICT)** course.

He has obtained the mention of *Excellent* for the university year of 2023-2024.

*Head of Department*  
*Pr. Bouhitem*



*Professor Supervisor*  
*Dr. Athmani*

*People's Democratic republic of Algeria*  
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# *Certificate*



I hereby certify that the student

*Dehane Sondous*

has successfully completed his **Information and Communication Technology (ICT)** course.

He has obtained the mention of *Excellent* for the university year of 2023-2024.

*Head of Department*  
*Pr. Bouhitem*

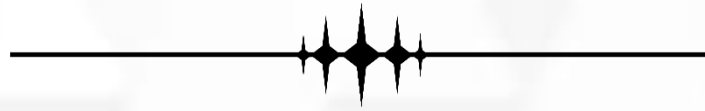


*Professor Supervisor*  
*Dr. Athmani*



*People's Democratic republic of Algeria*  
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# *Certificate*



I hereby certify that the student

*Deram Ahlam*

has successfully completed his **Information and Communication Technology (ICT)** course.

He has obtained the mention of *Excellent* for the university year of 2023-2024.

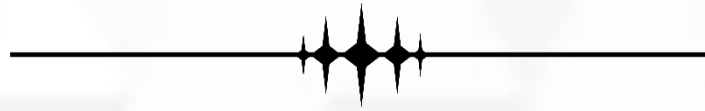
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*Professor Supervisor*  
*Dr. Athmani*

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

# *Certificate*



I hereby certify that the student

*Aichi Raihane*

has successfully completed his **Information and Communication Technology (ICT)** course.

He has obtained the mention of *Excellent* for the university year of 2023-2024.

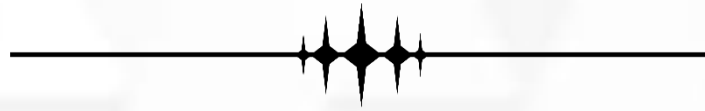
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*Professor Supervisor*  
*Dr. Athmani*

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

# *Certificate*



I hereby certify that the student

*Chikh Aicha Hibat Errahmane*

has successfully completed his **Information and Communication Technology (ICT)** course.

He has obtained the mention of *Excellent* for the university year of 2023-2024.

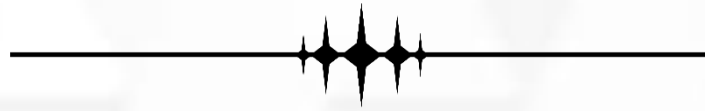
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*Professor Supervisor*  
*Dr. Athmani*

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

# *Certificate*



I hereby certify that the student

*Hazmani Aya*

has successfully completed his **Information and Communication Technology (ICT)** course.

He has obtained the mention of *Excellent* for the university year of 2023-2024.

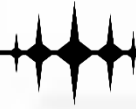
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*Pr. Bouhitem*



*Professor Supervisor*  
*Dr. Athmani*

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

# *Certificate*



I hereby certify that the student

*Khelifa Meriem Elbatoul*

has successfully completed his **Information and Communication Technology (ICT)** course.

He has obtained the mention of *Excellent* for the university year of 2023-2024.

*Head of Department*  
*Pr. Bouhitem*



*Professor Supervisor*  
*Dr. Athmani*

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

# *Certificate*



I hereby certify that the student

*Khenfri Amani*

has successfully completed his **Information and Communication Technology (ICT)** course.

He has obtained the mention of *Excellent* for the university year of 2023-2024.

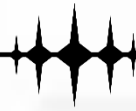
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*Pr. Bouhitem*



*Professor Supervisor*  
*Dr. Athmani*

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

# *Certificate*



I hereby certify that the student

*Rahmoune Khaoula*

has successfully completed his **Information and Communication Technology (ICT)** course.

He has obtained the mention of *Excellent* for the university year of 2023-2024.

*Head of Department*  
*Pr. Bouhitem*



*Professor Supervisor*  
*Dr. Athmani*



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

# *Certificate*



I hereby certify that the student

*M Sellem Farah*

has successfully completed his **Information and Communication Technology (ICT)** course.

He has obtained the mention of *Excellent* for the university year of 2023-2024.

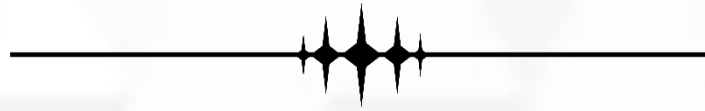
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*Professor Supervisor*  
*Dr. Athmani*

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

# *Certificate*



I hereby certify that the student

*Ben Atti Nacira*

has successfully completed his **Information and Communication Technology (ICT)** course.

He has obtained the mention of *Excellent* for the university year of 2023-2024.

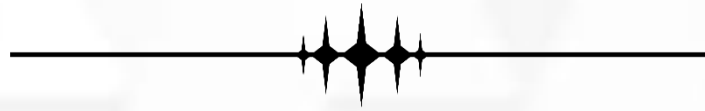
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*Professor Supervisor*  
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# *Certificate*



I hereby certify that the student

*Moussi Riham*

has successfully completed his **Information and Communication Technology (ICT)** course.

He has obtained the mention of *Excellent* for the university year of 2023-2024.

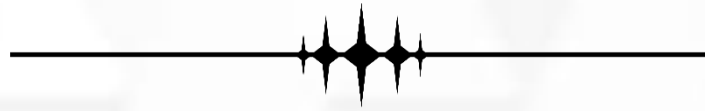
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*Professor Supervisor*  
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*People's Democratic republic of Algeria*  
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# *Certificate*



I hereby certify that the student

*Ben Alia Amira Fatima Zohra*

has successfully completed his **Information and Communication Technology (ICT)** course.

He has obtained the mention of *Excellent* for the university year of 2023-2024.

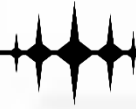
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# *Certificate*



I hereby certify that the student

*Boumaza Chaima*

has successfully completed his **Information and Communication Technology (ICT)** course.

He has obtained the mention of *Excellent* for the university year of 2023-2024.

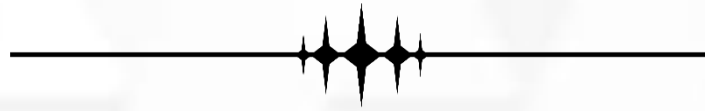
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# *Certificate*



I hereby certify that the student

*Bouzid Ayaterrahmane*

has successfully completed his **Information and Communication Technology (ICT)** course.

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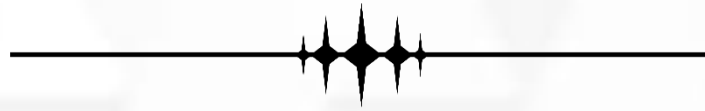
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I hereby certify that the student

*Mekki Akram*

has successfully completed his **Information and Communication Technology (ICT)** course.

He has obtained the mention of *Excellent* for the university year of 2023-2024.

*Head of Department*  
*Pr. Bouhitem*

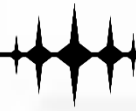


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# *Certificate*



I hereby certify that the student

*Ben Othmane Soundous*

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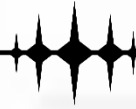
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I hereby certify that the student

*Benaoune Raouia*

has successfully completed his **Information and Communication Technology (ICT)** course.

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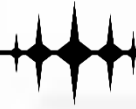
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I hereby certify that the student

*Khamkham Kenza*

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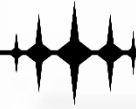
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I hereby certify that the student

*Khechai Djoumana*

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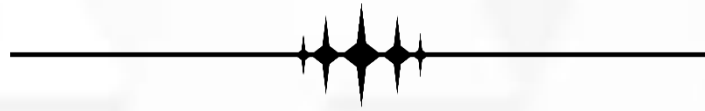
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I hereby certify that the student

*Khelif Bouthaina*

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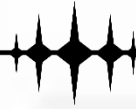
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# *Certificate*



I hereby certify that the student

*Khenaifer Amani*

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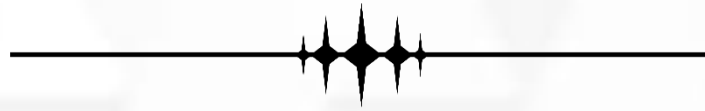
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*People's Democratic republic of Algeria*  
*Ministry of Higher Education and Scientific Research*

# *Certificate*



I hereby certify that the student

*Tamene Hiba*

has successfully completed his **Information and Communication Technology (ICT)** course.

He has obtained the mention of *Excellent* for the university year of 2023-2024.

*Head of Department*  
*Pr. Bouhitem*

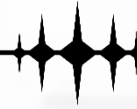


*Professor Supervisor*  
*Dr. Athmani*



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

# *Certificate*



I hereby certify that the student

*Soltani Chahinez*

has successfully completed his **Information and Communication Technology (ICT)** course.

He has obtained the mention of *Excellent* for the university year of 2023-2024.

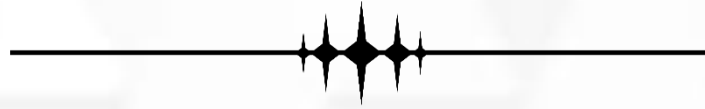
*Head of Department*  
*Pr. Bouhitem*



*Professor Supervisor*  
*Dr. Athmani*

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

# *Certificate*



I hereby certify that the student

*Benabdallah Racha*

has successfully completed his **Information and Communication Technology (ICT)** course.

He has obtained the mention of *Very Good* for the university year of 2023-2024.

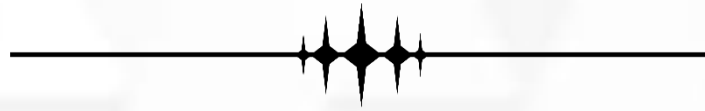
*Head of Department*  
*Pr. Bouhitem*



*Professor Supervisor*  
*Dr. Athmani*

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

# *Certificate*



I hereby certify that the student

*Chekalbi Reguia*

has successfully completed his **Information and Communication Technology (ICT)** course.

He has obtained the mention of *Very Good* for the university year of 2023-2024.

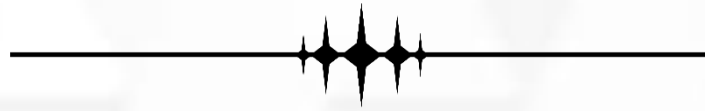
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*Pr. Bouhitem*



*Professor Supervisor*  
*Dr. Athmani*

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

# *Certificate*



I hereby certify that the student

*Chettah Ferial*

has successfully completed his **Information and Communication Technology (ICT)** course.

He has obtained the mention of *Very Good* for the university year of 2023-2024.

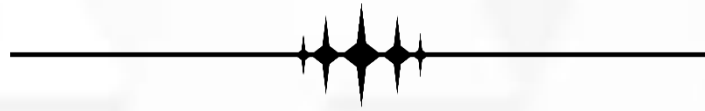
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*Pr. Bouhitem*



*Professor Supervisor*  
*Dr. Athmani*

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

# *Certificate*



I hereby certify that the student

*Demmar Ikram*

has successfully completed his **Information and Communication Technology (ICT)** course.

He has obtained the mention of *Very Good* for the university year of 2023-2024.

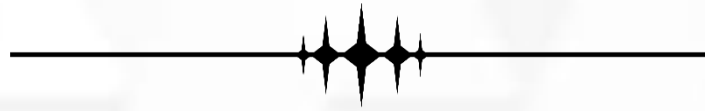
*Head of Department*  
*Pr. Bouhitem*



*Professor Supervisor*  
*Dr. Athmani*

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

# *Certificate*



I hereby certify that the student

*Sahraoui Rahma Amat Allah*

has successfully completed his **Information and Communication Technology (ICT)** course.

He has obtained the mention of *Very Good* for the university year of 2023-2024.

*Head of Department*  
*Pr. Bouhitem*



*Professor Supervisor*  
*Dr. Athmani*

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

# *Certificate*



I hereby certify that the student

*Chenini Anwar*

has successfully completed his **Information and Communication Technology (ICT)** course.

He has obtained the mention of *Very Good* for the university year of 2023-2024.

*Head of Department*  
*Pr. Bouhitem*

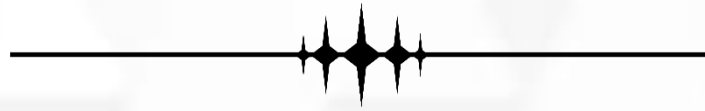


*Professor Supervisor*  
*Dr. Athmani*



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

# *Certificate*



I hereby certify that the student

*Omrani Chaima*

has successfully completed his **Information and Communication Technology (ICT)** course.

He has obtained the mention of *Very Good* for the university year of 2023-2024.

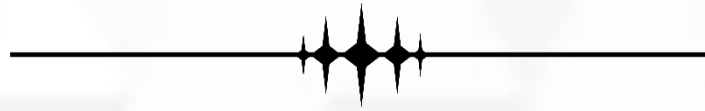
*Head of Department*  
*Pr. Bouhitem*



*Professor Supervisor*  
*Dr. Athmani*

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

# *Certificate*



I hereby certify that the student

*Belkhadem Safa*

has successfully completed his **Information and Communication Technology (ICT)** course.

He has obtained the mention of *Very Good* for the university year of 2023-2024.

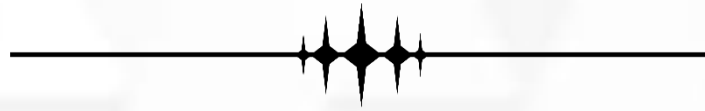
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*Professor Supervisor*  
*Dr. Athmani*

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

# *Certificate*



I hereby certify that the student

*Benachour Rebiha*

has successfully completed his **Information and Communication Technology (ICT)** course.

He has obtained the mention of *Very Good* for the university year of 2023-2024.

*Head of Department*  
*Pr. Bouhitem*



*Professor Supervisor*  
*Dr. Athmani*

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

# *Certificate*



I hereby certify that the student

*Merzougui Chaima*

has successfully completed his **Information and Communication Technology (ICT)** course.

He has obtained the mention of *Very Good* for the university year of 2023-2024.

*Head of Department*  
*Pr. Bouhitem*



*Professor Supervisor*  
*Dr. Athmani*

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

# *Certificate*



I hereby certify that the student

*Tabrha Nada*

has successfully completed his **Information and Communication Technology (ICT)** course.

He has obtained the mention of *Very Good* for the university year of 2023-2024.

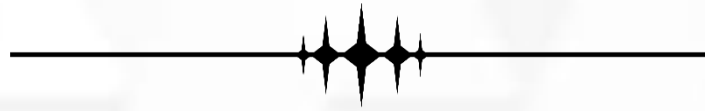
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*Professor Supervisor*  
*Dr. Athmani*

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

# *Certificate*



I hereby certify that the student

*Bensaci Mohamed Salah*

has successfully completed his **Information and Communication Technology (ICT)** course.

He has obtained the mention of *Very Good* for the university year of 2023-2024.

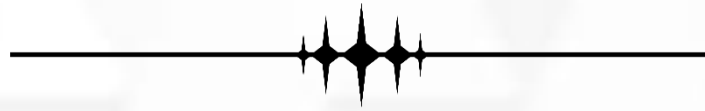
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*Professor Supervisor*  
*Dr. Athmani*

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

# *Certificate*



I hereby certify that the student

*Ben Adahmane Wissal*

has successfully completed his **Information and Communication Technology (ICT)** course.

He has obtained the mention of *Very Good* for the university year of 2023-2024.

*Head of Department*  
*Pr. Bouhitem*

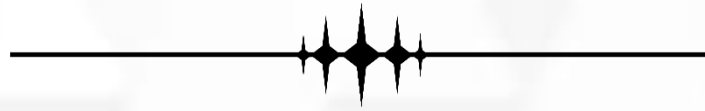


*Professor Supervisor*  
*Dr. Athmani*



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

# *Certificate*



I hereby certify that the student

*Chennoufi Sara*

has successfully completed his **Information and Communication Technology (ICT)** course.

He has obtained the mention of *Very Good* for the university year of 2023-2024.

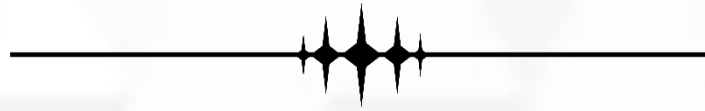
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*Pr. Bouhitem*



*Professor Supervisor*  
*Dr. Athmani*

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

# *Certificate*



I hereby certify that the student

*Daguiani Aya*

has successfully completed his **Information and Communication Technology (ICT)** course.

He has obtained the mention of *Very Good* for the university year of 2023-2024.

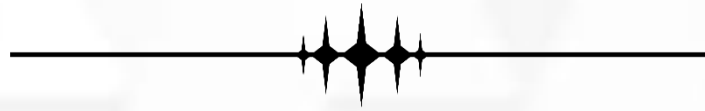
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*Professor Supervisor*  
*Dr. Athmani*

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

# *Certificate*



I hereby certify that the student

*Nabet Manel*

has successfully completed his **Information and Communication Technology (ICT)** course.

He has obtained the mention of *Very Good* for the university year of 2023-2024.

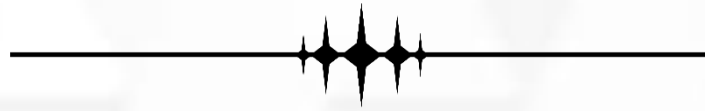
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*Professor Supervisor*  
*Dr. Athmani*

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

# *Certificate*



I hereby certify that the student

*Djouama Lina*

has successfully completed his **Information and Communication Technology (ICT)** course.

He has obtained the mention of *Good* for the university year of 2023-2024.

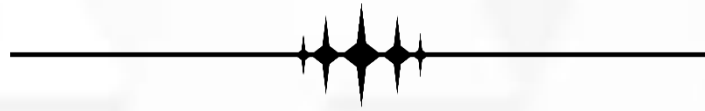
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*Pr. Bouhitem*



*Professor Supervisor*  
*Dr. Athmani*

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

# *Certificate*



I hereby certify that the student

*Selama Amel*

has successfully completed his **Information and Communication Technology (ICT)** course.

He has obtained the mention of *Good* for the university year of 2023-2024.

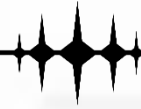
*Head of Department*  
*Pr. Bouhitem*



*Professor Supervisor*  
*Dr. Athmani*

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

# *Certificate*



I hereby certify that the student

*Chelbi Nour Elhouda*

has successfully completed his **Information and Communication Technology (ICT)** course.

He has obtained the mention of *Good* for the university year of 2023-2024.

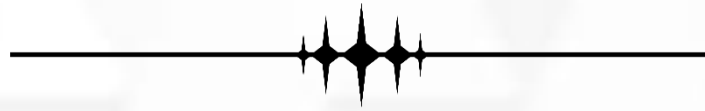
*Head of Department*  
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*Professor Supervisor*  
*Dr. Athmani*

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

# *Certificate*



I hereby certify that the student

*Naili Yasmine*

has successfully completed his **Information and Communication Technology (ICT)** course.

He has obtained the mention of *Good* for the university year of 2023-2024.

*Head of Department*  
*Pr. Bouhitem*

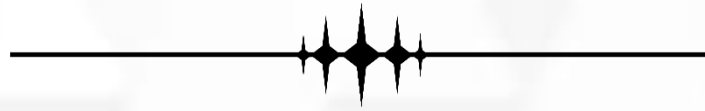


*Professor Supervisor*  
*Dr. Athmani*



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

# *Certificate*



I hereby certify that the student

*Sellam Ghofrane*

has successfully completed his **Information and Communication Technology (ICT)** course.

He has obtained the mention of *Good* for the university year of 2023-2024.

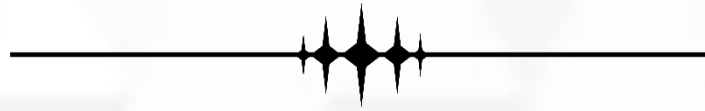
*Head of Department*  
*Pr. Bouhitem*



*Professor Supervisor*  
*Dr. Athmani*

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

# *Certificate*



I hereby certify that the student

*Bouzid Amani*

has successfully completed his **Information and Communication Technology (ICT)** course.

He has obtained the mention of *Good* for the university year of 2023-2024.

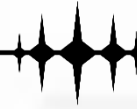
*Head of Department*  
*Pr. Bouhitem*



*Professor Supervisor*  
*Dr. Athmani*

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

# *Certificate*



I hereby certify that the student

*Chennoufi Khaoula*

has successfully completed his **Information and Communication Technology (ICT)** course.

He has obtained the mention of *Good* for the university year of 2023-2024.

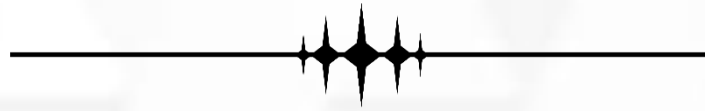
*Head of Department*  
*Pr. Bouhitem*



*Professor Supervisor*  
*Dr. Athmani*

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

# *Certificate*



I hereby certify that the student

*Soufi Zohour*

has successfully completed his **Information and Communication Technology (ICT)** course.

He has obtained the mention of *Good* for the university year of 2023-2024.

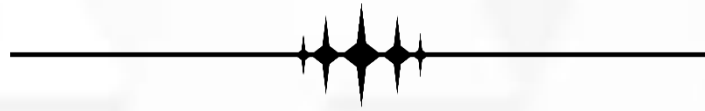
*Head of Department*  
*Pr. Bouhitem*



*Professor Supervisor*  
*Dr. Athmani*

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

# *Certificate*



I hereby certify that the student

*Belkhiri Yaagoub*

has successfully completed his **Information and Communication Technology (ICT)** course.

He has obtained the mention of *Good* for the university year of 2023-2024.

*Head of Department*  
*Pr. Bouhitem*



*Professor Supervisor*  
*Dr. Athmani*

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

# *Certificate*



I hereby certify that the student

*Haïchar Oumaima*

has successfully completed his **Information and Communication Technology (ICT)** course.

He has obtained the mention of *Good* for the university year of 2023-2024.

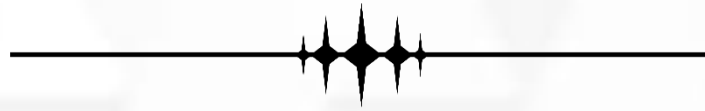
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*Pr. Bouhitem*



*Professor Supervisor*  
*Dr. Athmani*

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

# *Certificate*



I hereby certify that the student

*Sotri Hadir*

has successfully completed his **Information and Communication Technology (ICT)** course.

He has obtained the mention of *Good* for the university year of 2023-2024.

*Head of Department*  
*Pr. Bouhitem*



*Professor Supervisor*  
*Dr. Athmani*



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

# *Certificate*



I hereby certify that the student

*Djebbar Ala Errahmane*

has successfully completed his **Information and Communication Technology (ICT)** course.

He has obtained the mention of *Good* for the university year of 2023-2024.

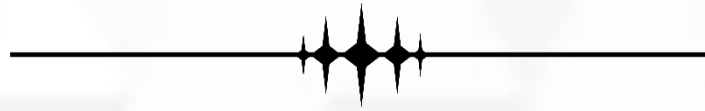
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*Pr. Bouhitem*



*Professor Supervisor*  
*Dr. Athmani*

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

# *Certificate*



I hereby certify that the student

*Dahah Sourour*

has successfully completed his **Information and Communication Technology (ICT)** course.

He has obtained the mention of *Good* for the university year of 2023-2024.

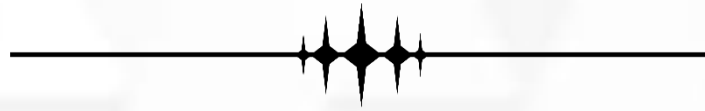
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*Professor Supervisor*  
*Dr. Athmani*

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

# *Certificate*



I hereby certify that the student

*Kabot Weam*

has successfully completed his **Information and Communication Technology (ICT)** course.

He has obtained the mention of *Good* for the university year of 2023-2024.

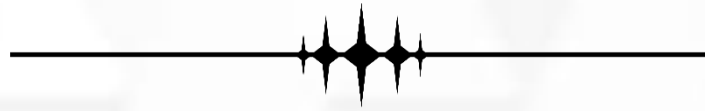
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*Pr. Bouhitem*



*Professor Supervisor*  
*Dr. Athmani*

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

# *Certificate*



I hereby certify that the student

*Karfa Nesrine*

has successfully completed his **Information and Communication Technology (ICT)** course.

He has obtained the mention of *Good* for the university year of 2023-2024.

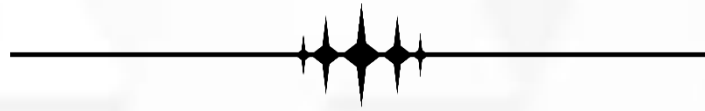
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*Pr. Bouhitem*



*Professor Supervisor*  
*Dr. Athmani*

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

# *Certificate*



I hereby certify that the student

*Mounib Itham*

has successfully completed his **Information and Communication Technology (ICT)** course.

He has obtained the mention of *Good* for the university year of 2023-2024.

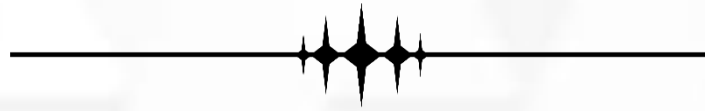
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*Professor Supervisor*  
*Dr. Athmani*

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

# *Certificate*



I hereby certify that the student

*Taallah Alae*

has successfully completed his **Information and Communication Technology (ICT)** course.

He has obtained the mention of *Good* for the university year of 2023-2024.

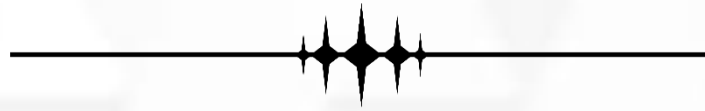
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*Pr. Bouhitem*



*Professor Supervisor*  
*Dr. Athmani*

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

# *Certificate*



I hereby certify that the student

*Aifaoui Charaged*

has successfully completed his **Information and Communication Technology (ICT)** course.

He has obtained the mention of *Good* for the university year of 2023-2024.

*Head of Department*  
*Pr. Bouhitem*

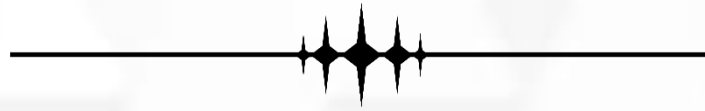


*Professor Supervisor*  
*Dr. Athmani*



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

# *Certificate*



I hereby certify that the student

*sekak Aicha*

has successfully completed his **Information and Communication Technology (ICT)** course.

He has obtained the mention of *Good* for the university year of 2023-2024.

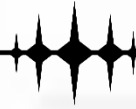
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*Pr. Bouhitem*



*Professor Supervisor*  
*Dr. Athmani*

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

# *Certificate*



I hereby certify that the student

*Brahimi Ala Sou*

has successfully completed his **Information and Communication Technology (ICT)** course.

He has obtained the mention of *Good* for the university year of 2023-2024.

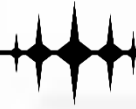
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*Professor Supervisor*  
*Dr. Athmani*

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

# *Certificate*



I hereby certify that the student

*Chakhchoukh Rafik*

has successfully completed his **Information and Communication Technology (ICT)** course.

He has obtained the mention of *Good* for the university year of 2023-2024.

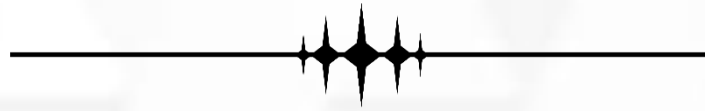
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*Professor Supervisor*  
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*Ministry of Higher Education and Scientific Research*

# *Certificate*



I hereby certify that the student

*Daoud Malak*

has successfully completed his **Information and Communication Technology (ICT)** course.

He has obtained the mention of *Good* for the university year of 2023-2024.

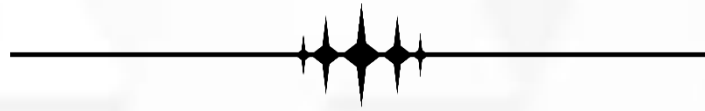
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*Ministry of Higher Education and Scientific Research*

# *Certificate*



I hereby certify that the student

*Youcef Dadoua*

has successfully completed his **Information and Communication Technology (ICT)** course.

He has obtained the mention of *Good* for the university year of 2023-2024.

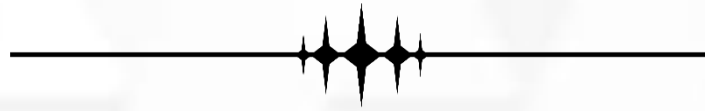
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# *Certificate*



I hereby certify that the student

*Mellaoui Khaoula*

has successfully completed his **Information and Communication Technology (ICT)** course.

He has obtained the mention of *Good* for the university year of 2023-2024.

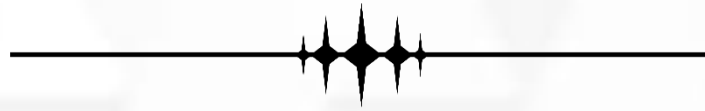
*Head of Department*  
*Pr. Bouhitem*



*Professor Supervisor*  
*Dr. Athmani*

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

# *Certificate*



I hereby certify that the student

*Bensaadi Mohamed Amdjed*

has successfully completed his **Information and Communication Technology (ICT)** course.

He has obtained the mention of *Good* for the university year of 2023-2024.

*Head of Department*  
*Pr. Bouhitem*

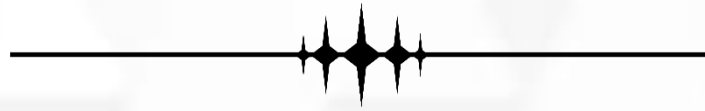


*Professor Supervisor*  
*Dr. Athmani*



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

# *Certificate*



I hereby certify that the student

*Belhend Zohra Ikram*

has successfully completed his **Information and Communication Technology (ICT)** course.

He has obtained the mention of *Good* for the university year of 2023-2024.

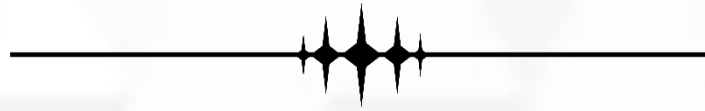
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# *Certificate*



I hereby certify that the student

*Belbahria Chaima*

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He has obtained the mention of *Good* for the university year of 2023-2024.

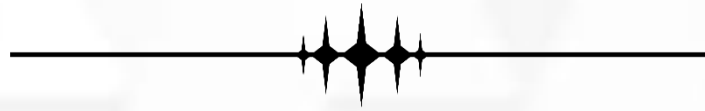
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# *Certificate*



I hereby certify that the student

*Abida Hadil*

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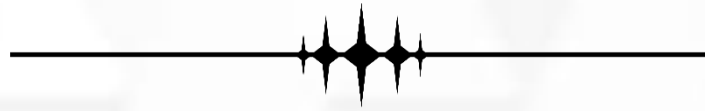
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# *Certificate*



I hereby certify that the student

*Boussekar Chahla*

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He has obtained the mention of *Good* for the university year of 2023-2024.

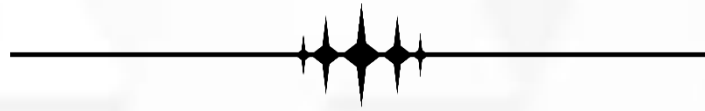
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# *Certificate*



I hereby certify that the student

*Debla Chifa*

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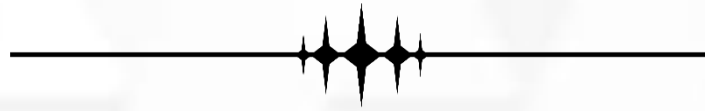
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# *Certificate*



I hereby certify that the student

*Chouaib kharfi*

has successfully completed his **Information and Communication Technology (ICT)** course.

He has obtained the mention of *Good* for the university year of 2023-2024.

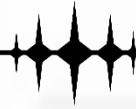
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*Professor Supervisor*  
*Dr. Athmani*

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

# *Certificate*



I hereby certify that the student

*Malak Khelifi*

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He has obtained the mention of *Good* for the university year of 2023-2024.

*Head of Department*  
*Pr. Bouhitem*

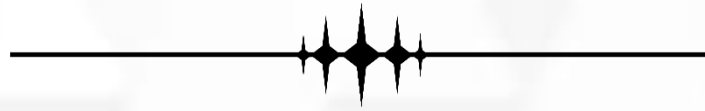


*Professor Supervisor*  
*Dr. Athmani*



*People's Democratic republic of Algeria*  
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# *Certificate*



I hereby certify that the student

*Kaddouri Soulaf*

has successfully completed his **Information and Communication Technology (ICT)** course.

He has obtained the mention of *Good* for the university year of 2023-2024.

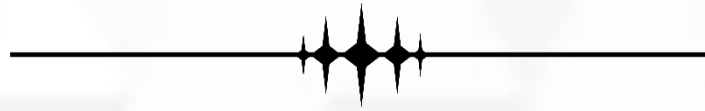
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# *Certificate*



I hereby certify that the student

*Merabti Zeineb*

has successfully completed his **Information and Communication Technology (ICT)** course.

He has obtained the mention of *Good* for the university year of 2023-2024.

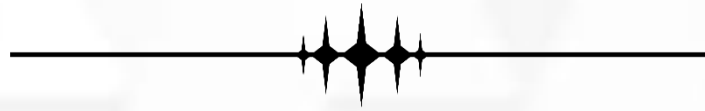
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# *Certificate*



I hereby certify that the student

*Noui Maroua*

has successfully completed his **Information and Communication Technology (ICT)** course.

He has obtained the mention of *Good* for the university year of 2023-2024.

*Head of Department*  
*Pr. Bouhitem*



*Professor Supervisor*  
*Dr. Athmani*

*People's Democratic republic of Algeria*  
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# *Certificate*



I hereby certify that the student

*Sayah Aladdine*

has successfully completed his **Information and Communication Technology (ICT)** course.

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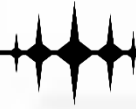
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# *Certificate*



I hereby certify that the student

*Sebouba Oumeima*

has successfully completed his **Information and Communication Technology (ICT)** course.

He has obtained the mention of *Good* for the university year of 2023-2024.

*Head of Department*  
*Pr. Bouhitem*



*Professor Supervisor*  
*Dr. Athmani*