



INFO USTO-MB

Newsletter edited by
the University of Science and
Technology of Oran Mohamed Boudiaf



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DECEMBER
2023



Quarterly publication

Happy New Year 2024

On the occasion of the New Year 2024, I would like to send, on my behalf and on behalf of my team, My most sincere congratulations and best wishes warm, to the entire university community:

Students, Teachers, Administrative staff and technical, service agents.

May the year 2024 be a fruitful and enriching for all of us, imbued with individual and collective successes.

I wish to each of you excellent health, with the aspiration for a better future in our dear Country.

Rector
Prof. HAMOU Ahmed



تهنئة مدير الجامعة بمناسبة حلول السنة الجديدة 2024

بمناسبة حلول السنة الميلادية الجديدة 2024 ،
يسعدني أن أتقدم إلى كافة أسرة
جامعة وهران للعلوم والتكنولوجيا محمد بوضيف
بأحر التهاني وأطيب التمنيات راجيا من المولى
عز وجل أن يعيدها علينا جميعا بالصحة والهناء وعلى وطننا
العزیز بالخیر واليمن والبركات، كل عام وأنتم بألف خير.

مدير الجامعة البروفسور حمو أحمد



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Cooperation

Partnership agreement with PCPA

The Rector of USTO-MB, Professor HAMOU Ahmed, and the Director General of the PCPA, Mr. VASILYEV Sergey signed on October 1, 2023 a partnership agreement in the presence of Mr. MEDJEBER Yacine, SPW Leader (STELLANTIS Production Way) and members of the board of directors.

This collaboration, between the USTO-MB, PCPA and the STELLANTIS Group, covers education, training courses, job opportunities for automotive students, as well as communication initiatives.



Framework agreement with the "Chahid Djebbar Tayeb » Higher Air School Tafraoui

The Rector of USTO-MB, Professor HAMOU Ahmed, the Director of the Higher Air School "Chahid Djebbar Tayeb » Tafraoui, Mr. General HAKIM Nasredine have signed on October 7, 2023 an agreement which concerns Aeronautics and the training of student pilots of school.

The ceremony was attended by Professor CHAALAL Ahmed, President of the CRUO, and the Rectors of the universities of: Oran 1, Mascara, Sidi Bel Abbes, Tlemcen, Mostaganem and the Directors of Oran schools: ENPO, ESGEE and ENS.



Agreement with KRCP Consulting



The Rector of USTO-MB, Professor HAMOU Ahmed and Mr. KOUIDRI (General Manager at KCPC) signed on November 14, 2023 an agreement which aims to provide the USTO-MB and all its students registered in the sector related to research projects construction of an IT tool improving their competitiveness when carrying out these projects.

Agreement with the KHERBOUCHE Group "Concrete manufacturing" W. Tlemcen

On Tuesday, November 21, 2023, the Rector of USTO-MB, Professor HAMOU Ahmed welcomed, for the signing of a framework agreement Mr. KHERBOUCHE Walid, General Director of the KHERBOUCHE Group of Tlemcen.

This framework agreement should result in the organization of a scientific event, welcoming students

as part of the preparation of their Master's or Engineering End-of-Study Projects (PFE), development of research projects in the formulation and manufacturing of concrete, structural elements,



The 5 research laboratories of the Faculty of Architecture and Civil Engineering as well as some of the Faculty of Chemistry will be associated with the group dealing with modeling and structure, hydraulics, water treatment, etc. The 2 teams will work on chemical treatment by proposing solutions such as ozone treatment, desalination, energy efficiency, glass wool covering, ventilated facades, etc.

The Wali of Oran supervises the signing of conventions between higher education establishments of Oran and the Council of Algerian Economic Renewal (CREA)

Mr. Said SAYOUD, the Wali of Oran supervised on December 13, 2023 the signing ceremony of the agreements between the Universities of USTO-MB, Oran 1 and Oran 2 as well as the five other higher schools of the Wilaya of Oran and the Algerian Economic Renewal Council (CREA).

Mr. Professor HAMOU Ahmed, Rector of USTO-MB participated in this event with his administrative staff, students carrying labels and representatives of student organizations.



SENEC project implemented by GIZ Algeria

The Rector of USTO-MB, Professor HAMOU Ahmed welcomed, today Monday December 25, 2023, Ms. SIF Selma Technical Advisor of GIZ (Gesellschaft für Internationale Zusammenarbeit), on mission to Oran.

Ms. SIF Selma's mission falls within the framework of component 02 of the SENEK project (Project to support TPME in the circular economy). This project is implemented by the International Cooperation Company, GIZ Algeria in collaboration with the Ministry of Industry and Pharmaceutical Production and mandated by the Federal Ministry for Economic Cooperation and Development (BMZ) which aims to make the Algerian TPME more competitive and greener.

This working session was attended by Professors BENHAMOU Abdellah (Dean of the Faculty of Chemistry, DJABEUR Abderrazak (Dean of the Faculty of Sciences of Nature and Life), NEDJAR Djamel (Dean of the Faculty of Architecture and Civil Engineering), SAYAD Nasreddine (BLUE), Ms. MAZOUZ (Environment, USTO-MB) and Mr. BOUCHIBA (Project manager).



de soutien aux TPME dans l'économie circulaire

SENEK

مشروع دعم المؤسسات الصغيرة والمتوسطة في الاقتصاد الدائري



Training & Partnership

Training program for newly recruited teachers

Thursday, October 5, 2023 saw the launch of the training program for 128 newly recruited teachers. A welcome speech was made by Mrs. Pr. GHOUL Rachida, Training Manager to give the floor to Mr. Rector of USTO-MB, Prof. HAMOU Ahmed who declared the training open and presented the inaugural course "Responsibility Morality and Professionalism of the University", followed by Mr. Professor AOURAG Abdelhafid who presented the course: "Methods and Techniques Innovative teaching" and finally Mr. BOUZIANI Mohamed: "The rights and duties of the university teacher"

The training will begin Monday October 9, 2023 and will be closed at the end of June 2024 with the training program following:

- the legal and regulatory aspect of education superior;
- special status of the teacher-researcher;
- ethics and professional conduct in university teaching;
- pedagogical management at the university;
- scientific research at the university;
- External Relations;
- Planning and foresight;
- quality assurance in higher education;
- the University/Business relationship;
- the Digitization process at the university;
- methods and procedures for making training programs;
- reforms at the university: classic system, LMD, hybrid;
- pedagogy and psycho pedagogy in student learning training;
- teaching, training and human relations;
- development of skills, in Oral Communication, etc.

This day was attended by administrative staff including Deans and Directors, Heads of Departments, responsible for Quality Assurance, the Incubator, etc.



**USTO-MB celebrated October 9, 2023,
presenting the DIGITAQ project**



Like other partner universities in the Erasmus+ project, USTO-MB organized the Erasmus Days event from October 9 to 14, 2023. The participants, in addition to the presentation of the report on mobility activities during the year 2023, presented the current Erasmus+ projects.

The DIGITAQ project

The DIGITAQ project is one of the major Erasmus+ projects created with the aim of strengthening digital capacities for the management of quality assurance in Algerian higher education.

The DIGITAQ project brings together Algerian universities (representing MESRS): USTO-MB (Coordinator), U. Alger 1, U. Bejaia, U. Biskra, U. Guelma, U. Mascara, U. Oum El Bouaghi, U. Ouargla, U. Sétif 2 and other Europeans: U. de Liège (Belgium), U. Lumière Lyon2 (France), Union of Mediterranean Universities (Italy), University of Lisbon



Among these projects also, the EL@N project which is one of the major Erasmus+ projects.

It is in line with national priorities whose objective is the promotion of multilingualism and the development of linguistic and intercultural skills of learners, modernization of teaching practices at CEILs level

(Students, teachers, ATS staff) by adopting an integrated, inclusive, flexible, innovative approach based on Information and Communication Technologies (ICT). The EL@N project is aimed at the university community, students at

all levels (LMD) and teacher-researchers for online foreign language learning, in order to cope with the constraints of remoteness (rural areas) and time.

The EL@N project is represented on the Algerian side by the universities of: Tlemcen, Biskra, Bejaia, Guelma, Ouargla, and Oran (USTO-MB), and 4 European universities: Sapienza of Rome, Valencian University, Santiago de Compostela as well as Istanbul University. The crucial aim of the project is to train learners to meet the specific needs of the job market. On 05 and 06, November 2023, at the University of Tlemcen took place, the closing meeting of the EL@N project. The USTO-MB was represented by Ms. Pr MEROUFEL Naima, Vice-Rector of External Relations and Ms. Dr BELHASSENA Dalila, director of CEIL (USTO-MB).

Ranking of Algerian higher education establishments in Erasmus+ projects



Erasmus+ Ranking of Algerian Higher Education Institutions (HEIs)

USTO-MB was ranked 5th out of sixty (60) in the Ranking of Algerian Higher Education Establishments (HEE) in the Erasmus+ ICM Exchange Program - Call for proposals 2022 & 2023.

Evaluation of English teaching and distance learning at USTO-MB

Mr. Prof. HAMOU Ahmed, Rector of USTO-MB welcomed Tuesday, November 21, 2023; Mr. ALLOUCHE Mohand responsible for establishments outside the MESRS and under the supervision of the MESRS, Ms. AMINE Faiza Deputy Director of the first cycle. This visit comes as part of an evaluation mission on the situation at the USTO-MB of Teaching in English, distance learning and start-ups. Participated in this working session, Ms MEROUFEL (VRRE), Mr. TCHOUAR (VRPS), Mr. HAMANE (VRDPO), Ms GHOUL (EAD), Ms BELHASSENA (CEIL), Mr. SAYAD (BLUE), Mr. MECHE (Incubator), Mr. KHALDI (Network) and Ms MEKDAM (Network).

This mission covers 24 university establishments during this period. In terms of English training, 400 teachers were registered during the year 2022/2023, to which are added the 128 new teachers recruited in September 2023. USTO-MB has more than 30 English-speaking teachers.

The incubator registered 400 projects at all levels in 2022/2023. Among this year's new recruits, 26 have signed up to strengthen these new structures; CDE, Incubator, etc. As part of ministerial decree 1275, we unfortunately only recorded 23 defenses. USTO-MB has a DATA CENTER. It has just installed its third videoconferencing center; it plans to install one center per Faculty/Institute, i.e. 09 videoconference rooms.

Vision conference of engineering training offers by Professor ISSAADI, President of the CNEPD-ST

Prof. TCHOUAR Nouredine (VRPS) took part in a videoconference on engineering training courses, led by Prof. R. ISSAADI, President of CPND-ST.

The aim is to give immediate thought to the specialties that the school in question would like to open in September 2024. This reflection must be oriented in relation to:

1. The regional industrial fabric and its demand to increase chances of employability of outgoing engineers,
2. National priorities in terms of development as well as the guidelines of supervision in relation to certain specialties strategic,
3. And of course, the material and human means of the establishment concerned.

USTO-MB has two engineering training courses:

1. Engineering training for TM baccalaureate graduates with four options: Civil Engineering, Process Engineering, Mechanical Engineering and Electrical engineering. At the USTO-MB level, 430 in first year TC Engineer ST and 114 in second year.
2. It was opened in 2022 as a pilot establishment for the West, with Blida 1 for the center and Sétif 1 for the East. From September 2023, this training was opened in all other establishments.

The third year for this course poses no problem, as the students are already in their studies.

3. A two (02) year ST Engineering Common Core also open in 2022 with six universities in the west. For this training, you must decide which sectors to open in September 2024, to be able to prepare their outlines.

Several questions may arise:

4. Which courses to open in the third year of engineering for September 2024?
5. Is it better to combine the two courses engineer (TM and ST baccalaureates) in third year or to leave them independent?
6. Can we offer a third year engineering common and leave the specialties from the fourth?
7. Can we replace the current MCIL with courses engineer?
8. We have two MCIL at USTO-MB:
 - a) Renewable energies in electrical engineering,
 - b) Aeronautics and mechanics of light aviation
9. What is the title of the state engineering diploma?
 - a) State engineer followed by the name of the sector and followed by the specialty?
 - b) State engineer followed directly by the specialty?
10. Can we propose new sectors or specialties different from those existing depending on new demands from the economic sector and new technologies?
11. The future of national and regional sectors which do not pass, either the ST engineer common core, or by the engineering course for TM baccalaureate holders.

Regional meeting organized by the CRUO

On Tuesday, November 7, 2023, Prof. HAMOU Ahmed, Rector of USTO-MB, participated in the regional meeting organized by the CRUO at the auditorium of the Faculty of Foreign Languages of Oran 2 University "Mohamed Ben Ahmed."

This meeting focused on:

- 1- Ministerial decree No. 207 of November 1, 2023, establishing the reference guide on academic mobility within the national territory (presented by Mr. Choukri, DGEF - MESRS).
 - 2- Current state of teaching in English and prospects for the next semester (presentation by Mr. Belhani Ahmed, President of CNEAD and Mrs. Kaced, responsible for monitoring teaching in English).
 - 3- University sport (presented by Mr. Rebigua and Mr. Ghedir Saadi, President of FASU).
- Were invited; the heads of establishments, the vice-rectors or deputy directors in charge of Pedagogy (VRP/DAP), the Deputy Directors of Cultural and Scientific Sports Activities (SDASCS), the Presidents of the sports leagues of the wilaya.

Advanced website management training

Monday December 11, 2023 took place, advanced training on website management and its multi-language functionalities, in the Computer Room on the 5th floor of the USTO-MB Networks department.

This training, intended for website administrators of faculties and institutes, was led by Ms. MEKDAM Soraya, Senior IT Engineer, Head of the system section and webmaster.

The points covered during the training were:

- creation of articles and management of multi-language content;
- updating the website in Multi-languages;
- discussion on the measures to follow for development and the continuous improvement of the website;
- planning for a next meeting, on January 15, 2024, the objective of which is to ensure the continuity of learning and update the skills acquired.



Scientific Events

6th International Conference on Electrical Engineering ICEL'23

On November 14, 2023, Mr. Pr HAMOU Ahmed, Rector of the USTO-MB, launched the opening of the "6th International Conference on Electrical Engineering" at the Hotel "El Mouahidine" in Oran, in the presence of guests, members of the organizing committee, the scientific committee, sponsors, participants and doctoral students.

Theme:

- Analysis and design of electrical machines
- Electrical network modeling and control
- Power electronics, control and electric drives
- High voltage and insulation materials
- Renewable energies and their applications.



Events

World Mental Health Day

On the occasion of World Mental Health Day, which coincides each year with October 10, 2023, under the leadership of the Rector of the USTO-MB, Pr HAMOU Ahmed, in coordination with Dr DIFLI Souad, (psychologist at the USTO-MB) an awareness-raising day on mental health was held. The event was well attended by students, teachers and ATS staff.

In her speech, Dr. DIFLI Souad spoke about the concept of mental health and its types, and about certain mental illnesses that are insurmountable for students.

According to the psychologist, to confront and treat these psychological illnesses, it is necessary to maintain a positive neuroscientific system such as physical exercise, adopting a daily program beneficial to health and the body, and emphasizing a healthy diet, for psychological and organic balance.

There was a great deal of interaction between the speaker and her audience, who appreciated this day of awareness-raising. Those present expressed their wish to see such scientific and cultural demonstrations repeated in the future.



Women's Cancer Awareness Day

Prof. HAMOU Ahmed, Rector of the USTO-MB, visited the stand on preventive medicine, with a special focus on women's cancer. He attended the closing ceremony of the day devoted to this event in the Central Amphitheatre, and took the floor to emphasize the importance of sports activities at university for the balance and good health of students. "A healthy mind in a healthy body. The Rector congratulated and encouraged the USTO-MB Preventive Medicine Unit and the Epidemiology and Preventive Medicine Service (CHU-ORAN) for organizing this awareness-raising day on breast and cervical cancer.

Demonstrations of October 17, 1961

“National Emigration Day”

The USTO-MB celebrated the 62nd anniversary of the October 17, 1961 demonstrations.

The ceremony began with the raising of the national flag, followed by a minute's silence in tribute to the martyrs of the October 17, 1961 demonstrations. A wreath of flowers was laid, followed by the recitation of the Fatiha. Mr. Pr HAMOU Ahmed, Rector of USTO-MB, delivered a speech on the occasion.



Hacksolution Algeria

Saturday October 21, 2023 took place at the USTO-MB Auditorium the “Hacksolution Algeria” which is an international program support for young entrepreneurs. This ceremony took place under the sponsorship of the Ministry of startups and the Wali of Oran. It was organized by GDG ORAN in collaboration with USTO-MB.

Through the Hacksolution, participants faced a situation real opportunity to “pitch” in front of real investor.

In the presence of the ASF (Algeria startups fund), managers of the incubators from Oran1 University and USTO-MB, the participants had 5 minutes to convince the jury that they are real entrepreneurs.

The laureates were rewarded by sponsors and organizers.



Global Entrepreneurship Week

Like all Algerian higher education establishments, USTO-MB celebrated on November 12, 2023, at the central lecture hall, the first awareness day of World Entrepreneurship Week.

In this context, the speakers introduced the basic concepts concerning entrepreneurship and obtaining the label. This first day saw the participation of Ms. MEBARKI Amel Head of the ENST incubator and member of the National Commission for Coordination and Monitoring of Innovation and University Incubators (CNCSIU), M'HENNI Mustapha Head of the ESE incubator, Mr BAHBAH Brahim ,Teacher at INTTIC in Oran and M MECHE Abdelkrim responsible for the USTO-MB incubator and also a member of CNCSIU.



International students

MARHABA'Day

As part of MARHABA'Day, Prof. HAMOU Ahmed, Rector of the USTO-MB, and his administrative staff welcomed international students from the USTO-MB.

The Rector began by welcoming them. He then informed them of the results achieved since his installation on May 14, 2023, and summarized his institutional project.

Questions focused on practical work, industrial internships, final year dissertations, accommodation, scholarships, etc.



As far as practical work is concerned, the Rector informed them that from starting in 2024, the USTO-MB will receive around 150 PCs, to be used exclusively for practical work. With regard to internships and final year dissertations, Mr. Rector will take this constraint into account when

private sector to add this clause to the articles.

The 39 research laboratories will also be on hand to welcome national and foreign students for internships and short introductory periods to measurement, characterization and other techniques.

Ms. VRRE reminded them that an office reserved exclusively for foreign students has been set up at the VRRE.

In closing, the international students thanked the Rector and his staff for the invitation and for the interest shown in them.



World Africa Day

Mr. Prof. HAMOU Ahmed, rector of USTO-MB, addressed this day, December 30, 2023 at the USTO-MB Auditorium a welcome address to African students (FESIO) from all Algerian universities; Algiers 1, Tiaret, Biskra, Adrar, Mostaganem, etc. on the occasion of the cultural day organized as part of World Africa Day celebrated on December 25 each year.

Cultural exhibitions and a parade in traditional outfits from the African countries represented took place.

These are 19 countries; Angola, Benin, Burkina Faso, Cameroon, Congo, Congo DRC, Guinea, Ivory Coast, Kenya, Madagascar, Mali, Mauritania, Mozambique, Niger, Nigeria, Senegal, Togo, Uganda and Zimbabwe.

The program in a family atmosphere and atmosphere included; African gastronomy stands, conferences on African diversity, a buffet of African dishes, a dance, music and theater show representing different regions of Africa.



Sciences & Technology

Hypatia International Awards to **Dr SENHADJI Dalila** (Architecture, USTO-MB)



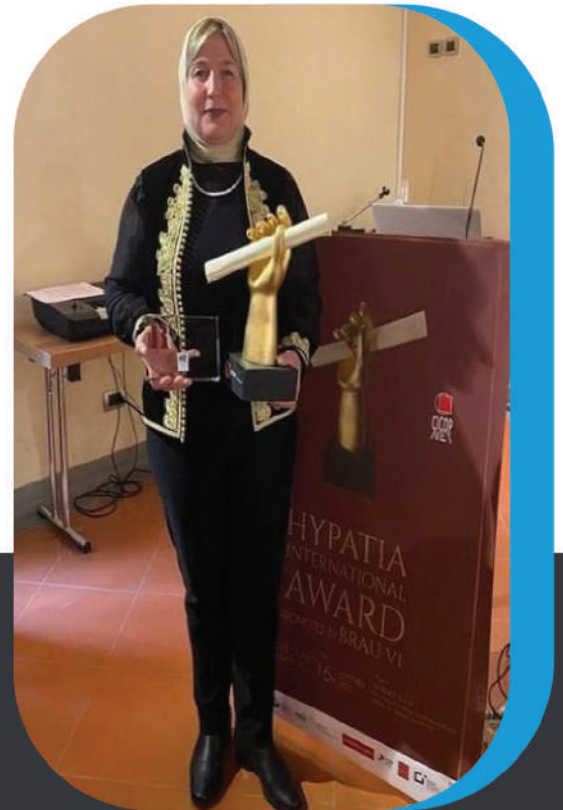
The Hypatia International Awards at the Biennale of Architecture and Urban Restoration, in its 6th edition, held in Florence (Italy) on October 15-18, 2023, has been awarded to Dr. SENHADJI Dalila for the quality of his research and for his academic career of more than 20 years in teaching the history of architecture and his involvement in various international projects linked to town planning and architecture.

SENHADJI Dalila is one of the first researchers and since 2003 the first woman researcher in Algeria, to have worked on religious heritage and received this international distinction.

Her research focuses on the religious architectural heritage of the Arab, Spanish, Ottoman and French eras. She is currently working on the history of colonial domestic architecture in Algeria.

Trained as an architect and lecturer in the Department of Architecture, Faculty of Architecture and Civil Engineering at the USTO-MB, she holds a diploma in architecture, a master and a doctorate in architecture, specializing in heritage. She has been teaching architectural history for 20 years, and supervises Master's and Doctoral students.

She is also an architect of protected sites and monuments, having worked on numerous sites and projects, including the project to complete the Ibn Badis mosque in Oran and other projects to rehabilitate 19th and 20th century buildings in Oran.



The first ten h-indexes of the USTO-MB, on Google Scholar

Congratulations to our ranked teachers, top ten according to the h index (index of Hirsch or h-index in English), on Google Scholar.

It's about:

1. **Pr FERHAT Mohammed**, Faculty of Physics : h-index = 33
2. **Pr BOUDEGHENE STAMBOULI Amine**, Faculty of Electrical Engineering : h-index = 27
3. **Pr BOUKOUSSA Bouhadjar**, Faculty of Chemistry : h-index = 26
4. **Pr HAMOU Ahmed**, Rector of USTO-MB : h-index = 19
5. **Pr ZEKRI Nouredine**, Faculty of Physics : h-index = 18



6. **Pr BELASRI Ahmed**, Faculty of Physics : h-index = 17
7. **Pr HAMZAOUI Saad**, Faculty of Physics : h-index = 16
8. **Pr BEKKA Ahmed**, Faculty of Chemistry : h-index = 15
9. **Pr BENHALILIBA Mostefa**, Faculty of Physics : h-index = 15
10. **Pr TAHRI Ali**, Faculty of Electrical Engineering : h-index = 14.

The h-index is an index designed to quantify the scientific productivity and impact of a scientist based on the citation level of his or her publications.

Patent of invention “design and production of a sensor for real-time monitoring of atmospheric pollution APOMOS (Air Pollution Monitoring System)” **Congratulations!**

We congratulate our USTO-MB representatives at the Health, Safety and Environment (HSE) week organized by SONATRACH.

On the occasion of the commemoration of the 40th anniversary of the GPIZ Complex, SONATRACH organized the HSE week from November 19 to 23, 2023.

Mr. Prof. RAHAL Farid presented a conference entitled; “Presentation of the APOMOS (Air Pollution Monitoring System) project”

Mr. Prof. ZEKRI Nouredine and Mrs. Dr. SABI Fatima Zohra, presented a conference entitled; “Method for estimating the critical heat flux for the ignition of industrial, building and natural materials”.



Pr SENOUCI Mohamed, eminent researcher in artificial intelligence, in visit to USTO MB

On Sunday, December 17, 2023 at 9:00 a.m. at the USTO-MB auditorium, Pr SENOUCI Mohamed was the guest of the Rector of USTO-MB, Pr HAMOU Ahmed, to present a conference on Artificial Intelligence:

AI: "THE SCIENCE OF MAKING MACHINE SMART", Artificial Intelligence: the science of making machines intelligent.



The speaker Pr SENOUCI Mohamed is a researcher at the Northern University of South Dakota (USA), also a teacher at the Southern University of Denmark and a member of the Scientific Council for Artificial Intelligence in Algeria.

The same day, Mr. HAMOU Ahmed, accompanied by his guest Mr. SENOUCI Mohamed, paid a visit to the Intelligent Systems Systems Laboratory (LARESI). Pr BERRACHED

Nasr Eddine, Director of the LARESI Laboratory welcomed them and presented the equipment, the researchers and the doctoral students. LARESI is interested in the operation and development of so-called intelligent systems for decision support in the control and management of complex unstructured systems, mainly in intervention robotics.

These similar complex systems such as:

- Assistance for motor disabilities,
- Assistance with practical distance learning,
- Assistance with medical or industrial diagnosis,
- Geographic information systems,
- Integrated sensor networks,
- Dynamic vision



Student Activities

Muay Thai World Champion

Student MAMERI Sherif Wael won the title of Muay Thai World Champion in Antalya, Turkey, on September 29, 2023, in the under-23 category, 91 kg weight class, for the third time, securing the gold medal.

On this occasion, Pr HAMOU Ahmed, Rector of USTO-MB, congratulated the student for this remarkable achievement, which is a source of pride for our university.



Award Ceremony for Athletes from the Universities of the City of Oran

On Tuesday, November 21, 2023, Mr. Prof. HAMOU Ahmed, Rector of USTO-MB, attended the awards ceremony for athletes from the universities of the city of Oran. He took the opportunity to honor all the athletes who achieved results during the academic year 2022/2023.

It is noteworthy to mention the presence of sports personalities who have honored Oran's university sports both nationally and internationally, such as the handball player Bakar Halima Saadia, a member of the girls' club.

Also present was the legendary student Wael Maamari, a triple consecutive world champion in kick boxing.

During the same session, the president of the University Sports Association of Oran recalled the results achieved by university athletes in various university competitions.

Regarding the schedule for the new season, various competitions will commence under the auspices of the University Sports Association of Oran next December. During these competitions, football will be represented by 11 male teams and 3 female teams, handball will have 5 male teams and 6 female teams, and basketball will have 5 teams.

In both categories, volleyball will have 8 male teams and 5 female teams, in addition to qualifications in combat sports and athletics.



USTO-MB Scientific Clubs invited to El Bahia Radio

Club representatives, student KORAICHI Mohammed AbdelKarim (Google Developers Student Club) and student EL HADJ DOUAJI Hanane (ArchiX Club) took part in a session on Radio El Bahia to present the results of their past activities and discuss their future programs.

During the broadcast, the students reviewed the achievements of their clubs throughout the past academic year. They also outlined the scientific and cultural programs planned for the new university season. The anticipated activities include organizing educational days, seminars, scientific forums, cultural exhibitions, and awareness campaigns within the university community.

The club representatives expressed their commitment to mobilizing the student community and promoting activity in general. They emphasized their participation in the annual program supervised by the Student Life Directorate of the Ministry of Higher Education and Scientific Research, as well as their integration into the university entrepreneurship program.

Finally, the students expressed their gratitude to the Rector of USTO-MB, Prof. HAMOU Ahmed, for his continuous support and interest in advancing the activities of the clubs. They also highlighted the allocation of an adequate budget by the overseeing ministry to cover the annual programs of the clubs. These initiatives reflect a commitment to energize student life, promote community engagement, and support academic and cultural development within the university.

The events of December 11, 1960

In commemoration of the sixty-third anniversary of the events of December 11, 1960, and under the patronage of the Rector of USTO-MB, Prof. HAMOU Ahmed, the Office of the National Union of Algerian Students (UNEA) of Oran, organized a forum for this occasion. The forum brought together various stakeholders, including economic partners, national agencies such as the National Employment Agency (ANEM), various banks, the Directorate of Trade, Industry, Traditional Industries, and Handicrafts, as well as national companies such as SETRAM and three scientific clubs from USTO-MB.

The activities of the forum began with the recitation of some Quran verses, followed by the National Anthem. Additionally, a welcome speech was delivered by Mr. GUELTA Bouchiba, mission manager at USTO-MB, on behalf of the Rector of USTO-MB, expressing gratitude for the efforts made by student organizations.



Google Science Club

On Saturday, December 16, 2023, under the guidance of the Rector of USTO-MB, Prof. HAMOU Ahmed, the USTO-MB Scientific Club 'Google Science Club' organized various scientific conferences aimed at student developers in the field of website creation and technical project management. The topics included aspects related to emerging businesses, their success, and adopting the most effective methods and steps to make a strong entry into the job market.

The scientific forum was inaugurated, on behalf of Mr. the Rector, by a speech from Mr. GUELTA Bouchiba, the mission manager of the Rector. This was followed by the Deputy Director of Scientific, Cultural Activities, and the Secretary-General of the Club, student ABDEL WAHAB Yassine, who provided an introductory overview of the club's activities, program, and objectives.

The scientific speakers made valuable contributions on various subjects:

Mr. ZEGUAI Houari, «Exploring Employment Opportunities in the Software Domain »;

Mr. ROUMANE Ahmed, «Artificial Intelligence, its Tools, and Various Branches »;

Mr. CHELOULI Mohammed, «Technical Project Management and Delivering Essential Keys for Success and Excellence ».

The forum concluded with expressions of gratitude to the participants.



Divers

Times Higher Education THE « THE » 2024 ranking

On October 12, 2023, on the sidelines of the National Universities Conference, Mr. BADARI Kamal, the Minister of Higher Education and Scientific Research, awarded the Order of Merit from the MESRS to the directors of the top 23 university institutions. This recognition was bestowed in their honor for their presence in the Times Higher Education 2024 « THE » ranking. This achievement marks the Algerian university as the first in the Arab world and the second in the African continent.

At this conference, the minister announced that the « My Grant » platform will be implemented for the benefit of students for the scholarship every 18 months, instead of disbursing it every three months. USTO-MB was honored by the Minister, who presented a commemorative plaque to Mr. HAMOU Ahmed, Rector of USTO-MB.



USTO-MB nursery

As part of environmental protection and sustainable development, Prof. HAMOU Ahmed, Rector of USTO-MB, has installed a unit dedicated exclusively to the environment. This initiative involved the renovation of a site including agricultural plots and four educational greenhouses, initiated by the deceased Professor Ms. KAID HARCH Meriem.

The objective of this approach is to adopt objectives which will contribute to establishing a culture of sustainability in within the university and to train a new generation of leaders aware of environmental challenges.

The first operation involving weeding, pruning, of the earth turning, watering, cleaning, organizing, marking out, water supply, etc. began on Sunday, November 26, 2023, at the USTO-MB nursery and greenhouses under the direction of Ms. MAZOUZ Oum Kaltoum, a Biology engineer, with the assistance of gardeners from the Sub-Directorate of General Resources and personnel from the Faculty of Natural and Life Sciences. A shredder was also used to cut and shred the branches, which will then be used as compost.

There is also talk of setting up a composting prototype at the USTO-MB greenhouse. in order to train our students and the staff of the Algerian-Spanish company Dulcesol (SigValence) with whom we will sign a new agreement in January 2024. It is planned by the company to then equip itself with an industrial composter with methane recovery, electricity and natural fertilizer which will be brought back from Spain (Valencia). Concerned students and doctoral candidates from the Faculty of Natural and Life Sciences will now be able to prepare their master's theses and doctorates in very good conditions terms.



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