

# SCIENTIFIC RESEARCH CENTER

# 5<sup>th</sup>Bulletin

2019 - 2020 ACADEMIC YEAR

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#### **REVISION AND APPROVAL**

This procedure is released, checked and approved as follows.

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#### **REVISION HISTORY**

#	Date of insurance	Ver.	Validity	Description of Change	Prepared by	Reviewed by	Approved by
1	05/12/2016	01	1 year	Original Release	Dr. Cagri Mart	Dr. Mehmet Ozdemir	Dr. Mehmet Ozdemir
2	10/12/2017	02	1 year	Updating the information for the academic year	Dr. Cagri Mart	Dr. Mehmet Ozdemir	Dr. Mehmet Ozdemir
3	18/12/2018	03	1 year	Updating the information for the academic year	Dr. Faiq Hussain & Mr. Kovan Dilawer	Dr. Mehmet Ozdemir	Dr. Mehmet Ozdemir
4	14/11/2019	04	1 year	Updating the information for the academic year	Prof. Dr. Faiq H.S. Hussain & B.Sc. Kovan Dilawer	Asst. Prof. Dr. Mehmet Ozdemir	Asst. Prof. Dr. Mehmet Ozdemir

Designed by: Media Designer



HIGHLIGHTS ABOUT THE CENTER

#### 1. HIGHLIGHTS ABOUT THE CENTER

1.	Highlights a	about the Resea	rch Center	•••••
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- ✓ Mission, Vision and Objectives of The Research Center
- ✓ Scope of the Center
- ✓ Establishment of the Center
- ✓ The Director of the Research Center
- ✓ The Research Center Representatives
- ✓ Duties of the Research Center
- ✓ Membership
- ✓ Affiliation of Research Center
- ✓ Research Strategy
- ✓ Research Center Annual Report
- ✓ Research Center Meeting
- ✓ The Budget of the Research Center



#### 1. Mission, Vision and Objectives of the Research Center:

#### 1.1. Mission:

The mission of the TIU-Research Center is to facilitate innovative research to support both the objectives of Tishk International University and the national development of the region and to link its academic resources with a range of parameters.

#### 1.2. Vision:

The Research Center will be an academic research organization dedicated to advising, applying and facilitating high standards of science and social research practice for a wide variety of researchers within the university and across the community, region and national arenas; to be one of the top innovation center in the region.

#### 1.3. Objectives:

Objective research and consultation are provided through:

- Partnership: Establishing and developing research relationship, both within the university and with external researches, research centers locally, nationally and internationally.
- Research Excellence: designing and providing quality research by adhering to the highest ethical standards and professional best practices.



# 2. Scope of the Center:

The Research Center represents the highest level of the research infrastructure within the University and is important entity in achieving the goals and objectives of the University's research strategy. The center provides focused support for research, within faculties and across faculties.



## 3. Establishment of the Center:

TIU-Research Center was established by decision of the University Council, meeting no.20 degree no.04 on December 17<sup>th</sup> 2017. The Center works toward the improvements of the research quality and knowledge.



#### 4. The Director of the Research Center

The role of the director is to:

- 1- Manage the affairs of the research center.
- 2- Guide its strategic development,
- 3- Be the formal channel of communication between the Senior Officers of the University and the research center,
- 4 Represent the Center in the national and international events and activities.
- 5- Recommend the Research Centre Coordinators.

Research center director will be approved by the university council on the recommendation of the vice-president. Prior to making the recommendation, the vice president should consult with the members of the research center.

The period of Office of the Director is four years, with the possibility of reappointment.

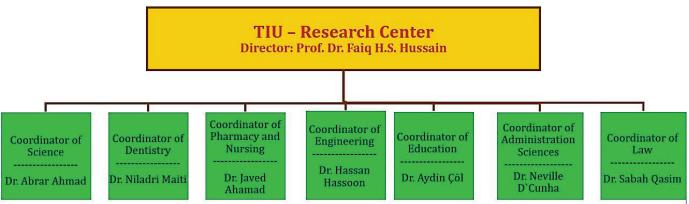
The director of the research center should meet the following requirements:

- 1- Has a Ph.D. Degree.
- 2- Has the Academic Tile of "Assistant Professor" or higher.
- 3- Has 5+ years' experience in the Academic and Research Fields.

The Director of the Research Center has all the rights and privileges which the Head of Department has.



#### 5. The Research Center Representatives:



The responsibilities and the duties of each Research Center Representative:

- 1- To liaise between the Research Center and the Academic Departments
- 2- To coordinate the process of Preparing the Annual Departmental Research Plan.
- 3- To follow up the implementation of the Research Plan and to report the results to the Head and Dean.
- 4- To contact the Teaching Staff regarding their Research Progress.
- 5- To report the performed researches by the end of each academic year.
- 6- To encourage the academic work and to stimulate the research within the department.

- 7- To provide the required data about the performed researches for NUR System requirements.
- 8- To contribute in preparing the Total Annual Research Report of Tishk International University.
- 9- To coordinate the research projects.
- 10- To attend Research Center Committee meetings
- 11-To be available to listen to teaching staff' views and concerns regarding research issues
- 12-To impart the new decisions and regulations of the Research Center to the Departments.
- 13- To be acknowledged about the research procedures.



# 6. Duties of the Research Center:

- The aim of the center is to conduct national and international research, education and publication activities regarding different fields in cooperation with the relevant departments and divisions of the university.
- Provides an efficient, highly functional integration of education and research applications.
- Creating social and economic added-value out of knowledge and disseminating knowledge within society.
- Research Training Programs in the Education Sciences
- Provides valuable additional capabilities to the existing research infrastructure of the Faculty of Education Processes.
- The Center is engaged in highly effective multidisciplinary research programs.
- Bringing together researchers with expertise spanning advanced materials, basic sciences.
- The Center is encouraging collaboration with other universities and research institutions to further hone the skills of budding research specialists, which are sought in several advanced areas relevant to the interests of environment.
- Encouraging the training of the teaching staff that will conduct researches and publications regarding all the educations fields at the university, and preparing the necessary media and opportunities for this.
- Participating in and encouraging the researches and similar studies regarding different educations
  fields conducted by national and international public or private institutions within the scope of
  the relevant legislation.
- Arranging education programs, seminars, conferences, courses and national and international
  congresses regarding the relevant issues in order to increase information production and train
  quality human force at different levels, making proposals to the authorized university equipment
  and publications in order to give certificates to the participants at the end of such organizations.
- Establishing necessary laboratories in order to conduct relevant researches and practices, and providing other opportunities,
- Cooperating and exchanging knowledge with the similar national and foreign institutions and centers in order to provide the needed stuff.
- Performing other activities determined by the Director of the Center in light of the aims of the Center.

- Bringing together management scholars from the region.
- Open forum for local and international academics
- Establishment of a database of management articles published in high-ranking academic journals.
- Putting a police science research team.
- Taking a leadership role in the development of an international reputation for the center.
- Attracting research grant income, and other types of income, from a variety of sources, of a sufficient level that the center will become self-sustaining after the initial period.



#### 7. Membership:

The members of a research center will be obliged to engage in research that advances the strategic development of the Center and will be researchers who are active across one or more of a range of indicators. These indicator will include publications, postgraduate, supervision, peer-review research funding, knowledge transfer activities and measures of peer esteem.

Application for membership of the center shall be considered through a procedure determined by the director. The continuation of membership of the center by existing members shall be reviewed on a regular basis by the director and discussion as to termination of the membership shall be made by the director following discussion with the vice president.



# 8. Affiliation of Research Center:

Research Center will be encouraged to become affiliated to the Center. Affiliation to a center will require that all members of the research become members of the center. Application of affiliation to the center shall be considered by the director. The continuation of the affiliation to the center shall be reviewed on a regular basis by the center committee and as to termination of the affiliation shall be made by the director following discussion with the vice-president.



# 9. Research Strategy:

Research center will be required to have a research strategy. The strategy should address how the center will continue to enhance the quality of the research carried out within the university strategy and with relevant faculty and departmental research strategies. The strategy needs to be based on an objective analysis of the core competencies in the research themes and demonstrate how these themes affords the center a competitive advantage. The strategy needs to take into account the national and international environment in the research areas so as to best position the center to be competitive. Implementation plan with clear goals, objectives, milestones and deliverables. The deliverables should include details on how the research outputs will be translated.



# 10. Research Center Bulletin:

A bulletin is a comprehensive report a center activities throughout the preceding year. This report provides a year-end overview of significant research findings, scientific honors and awards, and academic achievements, while financial statements demonstrate the center's fiscal health and stability. The report will be updated annually and include a detailed annual activities and budgets, and where appropriate a recruitment plan for the center. The recruitment plan must be aligned with the university strategic plan and have consideration to departmental recruitment linked to both research and teaching.



# 11. Research Center Meeting:

TIU-Research center meetings play a decisive role in the growth and development of the center and in instilling discipline among members. Center meetings are conducted weekly. It provides opportunity for members to discuss plans, map out activities, update each other on project status, and thresh out problems.



# 12. The Budget of the Research Center:

The research center is financed through the followings:

- 1. Budget allocated to the center from the Total University Budget.
- 2. Share of the income gained form the consultation and training services done by the center for other parties or companies.
- 3. Grants and financial assistances afforded to the center from national or international bodies.
- **4.** Any income gained through activities held by the center.



**CONFERENCES** 



# 1<sup>st</sup> International Conference on Clinical Research and Medical Sciences



(ICCRAMS – September 2019)

The Faculty of Science at Tishk International University in partnership with Kurdistan Board of Medical Specialities, University of Zakho, Hawler amedical University, Iranaian national Institute for Biotechnology, and The Hamk University in Finland; organized one of the biggest international medical conference in the middle east under the title: International Conference on Clinical Research and Medical Science, from 19-20 of September, 2019.

The conference launched in a prestigious dinner with a ceremony inviting all the keynotes and participating researchers with delegates and excellencies of governmental personals and also political icons. They have been warmly welcomed by the chair of the Conference Associate Professor Dr. Karzan Mohammad; Dean of Science Faculty at TIU who invited The Head of the Board of Trustees and the President of TIU his excellence (Dr Idris Hadi) to the stage to officially open the conference by his welcome speech.

The president of TIU gave a brief introduction about the TIU achievements and awards throughout the past years. The guests were interestingly acknowledged the progress of TIU briefed by the President Dr Idris Hadi. Then after Prestigious dinner served at the Erbil International Hotel to the guests. On 19/9/2019 at 9:19 am, the conference officially launched in a huge opening ceremony in which delegates of Parliament, government, presidents of universities, political parties were attending such a great moment.

The conference commenced by a brief introduction to the guests from the chair of the conference Associate Professor Dr. Karzan Mohammad, who announced that 234 researchers submitted 115 articles of which 99 accepted. The oral presentation were to be 66 papers while 33 were selected to be presented as posters. He also declared that researchers from 11 countries are participating with involvement of 45 Universities around the globe. He appreciated the support by the TIU University council specifically the Head of Board of Trustee and The President of TIU Dr Idris Hadi for his continued shielding and supporting scientific activities at the university.

The conference chair then invited his Excellency Dr Idris Hadi to address his speech as the hosting university of ICCRAMS. The president of TIU showed great appreciation to the organising team and the parties involved also mentioned his endless support for such great works. It is worth to mention that the conference hosted 11 keynote speakers who came from different countries of the world.

The keynote lectures started at 11:00 am and continued all the day till 6:00 pm, interrupted by two coffee breaks and generous lunch.

The conference continued for the third day on September 20th,2019 by presenting all the papers and posters by the researchers. Nevertheless in parallel to that 5 workshops were done by different medical faculties of the TIU. At the end of the day a closing remarks and ceremony including certificate awards and appreciations for organising committee and scientific committee.

The conference officially ended by a group photo at 6:30 pm on 20/9/2019.

#### Sponsors



#### https://tiu.edu.iq/iccrams/









# 2<sup>nd</sup> International & 15<sup>th</sup> national scientific conference for statistical applications



#### ICSA – February 2020

Under the patronage of the Prime Minister, the Iraqi Society for Statistical Sciences held its second International and fifteenth national scientific conference for statistical applications ICSA2020 in cooperation with Tishk International University (TIU) 'Al-Rafidain University College, and the United Nations Population Fund UNFPA in the city of Erbil at Tishk International University on February 12-13, 2020.

The conference was attended by a large number of ministers of the federal government, ministers of the Kurdistan Regional Government, and members of the Kurdistan Parliament.

The conference was opened with a recitation of some verses of the Quran, followed by the Iraqi anthem, Kurdistan anthem, then a minute of silence for the lives of the martyrs of Iraq and Kurdistan.

Dr. Idris Hadi, Chairman of the Board of Trustees of the TIU, delivered a speech in which he welcomed the representative of the Prime Minister represented by His Excellency the Minister of Planning Dr. Nuri al-Dulaimi and the representative of the Kurdistan Regional Government His Excellency the Minister of Planning for the Kurdistan Region and also welcomed the guests, the participants and researchers, and praised the efforts of the preparatory committee in preparing this successful conference hoping that it will achieve optimal results in conducting the census of the population that is supposed to behold in November 2020 throughout Iraq. He also pointed to the previous censuses that were conducted in Iraq, whose results used in development plans, and that Iraq had not conducted the comprehensive census since 1987 until now and how this was reflected in the development plans of the country.

It was followed by a speech by the preparatory committee delivered by Dr. Mahdi Mohsen Al-Alaq, where he indicated the importance of conducting a census throughout Iraq and the importance of the developmental indicators for all sectors and using them in setting the country's strategic plans.

Then, His Excellency Dr. Nuri Al-Dulaimi delivered a speech on behalf of His Excellency, the Prime Minister of the federal government, and stated that the population census is one of the priorities of the Iraqi government. It was followed by a speech by Dr. Dara Rashid, Minister of Planning in the Kurdistan Region, addressed his representative of the Prime Minister of the Kurdistan Regional Government.

She was then followed by the speech of Ms. (Marta Ruedas), the Special Representative of the United Nations Secretary-General for Humanitarian Affairs in Iraq. In it, she spoke about the role of the United Nations in Iraq and the close cooperation with the government of Iraq in supporting humanitarian projects and activities. Then it was followed by a speech by the Iraqi Association for

Statistical Sciences delivered by Dr. Manaf Yusuf, and later by Dr. Mahmoud Abu Al Shair, Dean of Al-Rafidain University College, as well as Dr. Oluremi Sogunro, Director of the United Nations Population Fund Office in Iraq(UNFPA), in which he explained the agency's activities in Iraq and its technical support for a procedure a reliable census in Iraq, especially since Iraq has not been conducted census for more than two decades. In the end, Mr. Wadih Al-Handal, the head of the Iraqi Private Bankers League, pointed out the importance of the population census in financial planning.

#### The themes of the conference were as follows:

Big Data Analysis from the results of the general population census.

Official statistics and e-government.

Statistical theory and process research in decision making.

Statistical methods in analyzing the Iraqi economy.

Sustainable development (indicators and analysis).

The number of papers submitted to the conference was 158 papers from various Arab countries (Egypt, Syria, Algeria ...) and from all over Iraq, while 77 papers were accepted to participate in the conference in the axes mentioned above. The research papers will be published in Arabic in the Journal of the Iraqi Society for Statistical Sciences, while the research papers in the English language will be published in journals within the Scopus database at the expense of the conference. The conference lasted for two days, and the participants presented research in addition to special sessions on governance in population census and planning.

In the closing session, I commend the efforts of the preparatory committee for the conference and the official sponsors (the Central Bank of Iraq, the Association of Iraqi Banks and Car Care), as well as the participants and everyone who contributed to the success of this conference, wishing the conference reached its required results.

#### **Sponsors:**



https://tiu.edu.iq/icsa-2020/







# 6<sup>th</sup> INTERNATIONAL ENGINEERING CONFERENCE in cooperation with IEEE Iraq Section



(IEC – February 2020)

Tishk International University and Erbil Polytechnic University hosted the 6th International Engineering Conference (IEC2020) on February 26-27, 2020. IEC2020 is technically sponsored by IEEE and IEEE Iraq Section. The conference aimed to disseminate research findings and provide a platform for scholars to debate and exchange ideas on developments in the field of engineering. IEEE Xplore Digital Library Database will index the accepted papers. Furthermore, the conference provides our graduate students a chance to establish communication with experienced researchers to discuss their current work as well as to be engaged in future research topics, and new opportunities.

The program committee members comprised of 41 members, out of which 78.5% of them hold Ph.D. in various fields of engineering, relevant to one or more conference topics mentioned above. The Conference adhered to the international conference standards in accordance with the guidelines agreed upon with our IEEE technical partners and in-line with the regulations laid out by the Kurdistan ministry of higher education. All paper submissions were double-blind peer-reviewed by at least two program committee members to ensure that submissions conform to specific quality measures. The quality measures included several criteria such as Relevance and Timeliness, Novelty and Originality, Technical Content and Correctness, Quality of Presentation, References used in the paper, Written Language, Reviewer Expertise, Overall Recommendation.

This year, the total number of submitted manuscripts stood at 78, with authors participating from several countries, including Turkey, Russia, Iran, United Kingdom, Iraq, Malaysia, Afghanistan, South Africa, and the USA. Seven tracks were created at the beginning, which was later collapsed into four tracks (1. Computer Engineering & Information Technology, 2. General Engineering Applications, 3. Digital & Wireless Communication, and 4. Civil Engineering) to engage more experts in the review and evaluation processes. The Computer Engineering & Information Technology received a total of 37 papers out of which 24 got accepted. In General Engineering Applications, 19 submissions were recorded, and seven papers got accepted. Elsewhere in Digital & wireless Communication 9 papers were submitted, and four were accepted. Lastly, the Civil Engineering track received nine papers, out of which eight papers were accepted. Some papers were either rejected after the review process or withdrawn due to the inability of the paper to pass basic pre-review checks, e.g., plagiarism, outside of conference scope, and so on.

The rate of acceptance was 65.38%, while 51 papers accepted and presented. Erbil Polytechnic and Tishk International University are grateful to all prospective presenters for their valuable contributions that will bring new perspectives on the developments in the Civil and Computer Engineering to Kurdistan Region.

This year, the conference has hosted two distinguished keynote speakers;

- 1. Asst. Prof. Dr. Grzegorz Poprawa (Assistant Professor, Silesian University of Technology, Poland), the topic "Static and Dynamic Load Testing in a Lifecycle of a Bridge Infrastructure."
- 2. Prof. Dr. Sattar (the University of Babylon, IT College, Iraq), whose topic was "Cognitive Security."

In other veins, two workshops were organized to stimulate academic engagements and exchange of ideas in frontiers of research.

The first workshop was "The mineral wealth in Kurdistan region," chaired by Panel Chair: Professor, Dr. Hamed M. Jassim (TIU, Department of Petroleum & Mining Engineering). The copanelist was Mr. Varoujan K. Sissakian (Department of Natural Resources Engineering and Management, University of Kurdistan Hewler, Kurdistan Region, Iraq, Expert & Consultant Geologist).

The second workshop was titled "Blockchain in Education," presented by Dr. Alyaa Al-Barrak (The University of Baghdad- College Science- Computer Department).

We are grateful to our sponsor: KNE Escalators & Elevators | Shindler Distributor.

https://tiu.edu.iq/6th-international-engineering-conference-iec2020-in-cooperation-with-ieee-iraq-section/







# 2<sup>nd</sup> International Conference on Architecture and Interior Design (ICAD2019) – November 2019



On November 4th-5th 2019, Tishk International University in collaboration with the University of Technology/Baghdad organized the 2nd International Conference on Architecture and Interior Design under the theme of "Identity: Tradition and Innovation".

The opening ceremony was held at the beginning of day 1, by Dr. Idris Hadi (President of Tishk International University), in which he explained the Tishk International University system, the big jump of Tishk International University Ranking both nationally and internationally as well as the future Ishik University plans.

The aim of the conference was to disseminate research findings and provide a platform for scholars to debate and exchange ideas about the policies and technological aspects in the field of architecture and interior design. All accepted papers will be published in ICAD2019 proceedings book and distinguished papers will be published in Eurasian Journal of Science and Engineering (http://eajse.org) and Scopus indexed journal "Steel and Composite Structures". Furthermore, the conference provided our senior students a chance to establish communication with experienced researchers to discuss their current work as well as to be engaged in future research topics and new opportunities. Prominent international and national professors attended and participated in the conference.

TIU and UOT are grateful to all prospective presenters for their valuable contributions that brought new perspectives on the Identity; Tradition and Innovation in architecture and interior design of the Kurdistan Region. The contributions of the conference to Kurdistan was as follows:

- Encouraged people to use sustainable development in architecture and interior design.
- The new base of knowledge of the architectural Identity; Tradition and Innovation in Kurdistan has been established.
- People informed about the policies and strategies of restoration and rehabilitation of historic buildings in Kurdistan.
- Submitted papers reviewed by a minimum of two reviewers and all accepted & registered papers will be included in the proceedings of the conference. The conference proceedings will be indexed by Google Scholar Databases.
- Identity in Urban Design
- Identity in Architecture
- Build Environment
- Vernacular Architecture

- Contemporary Architecture
- Smart Cities
- Restoration and Rehabilitation of Historical buildings
- Flexibility in Architecture Keynote speakers were three outstanding professionals and professors of Architecture: Dr. Rasem Badrn Dr. Badran has long been considered a pioneer of modern Islamic architecture and his influence is rapidly spreading throughout the developing world.

Honorary PhD in Architectural Design from the Jordan University of Science and Technology for his advancement of Architectural Theory and Practice. wining Awards. Prof. Dr. Enrico Fontanari Professor of Urban Design and Planning and of Landscape Planning at the Department of Architecture and Arts of the University I.U.A.V. of Venice – Italy. Prof. Ghada M. Rzouki Al-Slik Professor, (previous head of) Department of Architecture, College of Engineering, University of Baghdad Founder of Docomomo Iraq 2016 Chair of Iraq Docomomo International Member of the Higher Committee of the Basic Design of Baghdad City, Mayoralty of Baghdad 2008-2018. Excellence Award, (Tamayous) Iraqi women architects, category of education in architecture, 2013

Sessions were held on schedule, which was most indebted to Identity in Architecture. Within this event, two panels were held. The first one under the title of (Architecture in Education Panel) chaired by Prof. Dr. Muammal Ibrahim. Second one entitled by (Solar Capital and Built Environment) chaired by Assoc. Prof. Dr. Hassan Hassoon ALDelfi.

A closing ceremony was held at the end of day 2, in which the chair of the conference Dr. Halit Vural announced the closing of his successful conference

Links: http://www.tiu.edu.iq/

http://www.tiu.edu.iq/conf/icad/expo-speakers/ ·

http://su.edu.krd/colleges/engineering/about.

https://tiu.edu.iq/icad/







WORKSHOPS

# 3. WORKSHOPS

#	Title	Department	Organized by (Faculty/Unit)	Date	Venue
1	Benchmarking for best practices in Higher Education	Quality Assurance	Rectorate	16-18- Sep-2019	Dubai, UAE
2	Clinical Pharmacy & Pharmacology	Pharmacy	Pharmacy Faculty	19-Sep- 2019	TIU
3	First Aid Workshop	Nursing	Nursing Faculty	29-Sep- 2019	TIU
4	The Importance of Stereochemistry in Science	Research Center	Rectorate	13-17- Oct-2019	TIU
5	Healthy Body and Healthy Mind	Nursing	Nursing Faculty	16-Oct- 2019	TIU
6	Breast Cancer Awareness	Medical Analysis	Science	24-Oct- 2019	TIU
7	Maker Space	Mechatronics	Engineering	28-Oct- 2019	TIU
8	How to conduct a research and write a research paper - I	ELT	Education	1-Nov- 2019	TIU
9	Relation between buildings and environment and human life	Architecture	Engineering	5-Nov- 2019	TIU
10	Guest Speaker Series	IRD	Administrative Sciences and Economics	10-Nov- 2019	TIU
11	Blood Donation	Nursing	Nursing Faculty	12-Nov- 2019	TIU
12	LWT-Based Perceptual Mapping	Information Technology	Science	21-Nov- 2019	TIU
13	Coexistence and ethnic-based discrimination in the Kurdistan Region	IRD	Administrative Sciences and Economics	28-Nov- 2019	TIU
14	Research Methodology	Computer Engineering	Engineering	1-Dec- 2019	TIU
15	National Workshop on Entrepreneurship	Business	Administrative Sciences and Economics	2-Dec- 2019	TIU
16	The Shura Council in Kurdistan Region	Law	Law	2-Dec- 2019	TIU

17	Research Trends in IT and Computer Science	Information Technology	Science	4-Dec- 2019	TIU
18	Practical diplomacy	IRO	Rectorate	4-Dec- 2019	TIU
19	Program Assessment for Curriculum Improvement	Quality Assurance	Rectorate	4-Dec- 2019	TIU
20	Lumion Workshop	Interior Design	Engineering	5-Dec- 2019	TIU
21	HIV	Nursing	Nursing Faculty	9-Dec- 2019	TIU
22	Research Methodology	Computer Engineering	Engineering	11-Dec- 2019	TIU
23	Recent Trends in Energy Requirements of Artificial Organs	Mechatronics	Engineering	12-Dec- 2019	TIU
24	Sterilization and Disinfection	Pedodontics	Dentistry	15-Dec- 2019	TIU
25	IT Education Towards Industry (ITETI)	Information Technology	Science	16-Dec- 2019	TIU
26	5G and Beyond Technology	Research Center	Rectorate	18,19- Dec-2019	TIU
27	Gender-based violence and gender discrimination	IRD	Administrative Sciences and Economics	18-Dec- 2019	TIU
28	3 <sup>rd</sup> Nanotechnology Workshop	Physics	Education	21-Dec- 2019	TIU
29	Laser in Dentistry – Breaking the code of concepts	Pedodontics	Dentistry	22-Dec- 2019	TIU
30	Academic (Scientific) writing	Pedodontics	Dentistry	23-Jan- 2020	TIU
31	Mapping learning outcomes and ECTS calculation	Pedodontics	Dentistry	2-Feb- 2020	TIU
32	Road Pavement, Evaluation and Maintenance and Rehabilitation	Civil Engineering	Engineering Faculty - Sulaimani	10-Feb- 2020	TIU
33	Step by Step Guidelines to PhD And MSc Scholarship Applications	Civil Engineering	Engineering Faculty - Sulaimani	20-Feb- 2020	TIU
34	Cyber Security Workshop (Protect Yourself Online)	Computer Engineering	Engineering	20-Feb- 2020	TIU
35	BIM- Innovation systems in designing and managing construction projects	Architecture	Engineering	20-Feb- 2020	TIU

36	Corona awareness workshop	Pedodontics	Dentistry	26,27- Feb-2020	TIU
37	Maker space Introduction	Mechatronics	Engineering	27-Feb- 2020	TIU
38	Blockchain in Education	Computer Engineering	Engineering	27-Feb- 2020	TIU
39	How to conduct a research and write a research paper - II	ELT	Education	28-Feb- 2020	TIU
40	The procedure of international accreditation for bachelor program (Dentistry)	ISO and accreditation office	Rectorate	16-Jun- 2020	TIU
41	The procedure of international accreditation for bachelor program (Education)	ISO and accreditation office	Rectorate	23-Jun- 2020	TIU
42	The procedure of international accreditation for bachelor program (Education)	ISO and accreditation office	Rectorate	2-Jul-2020	TIU



#### 4. TISHK INTERNATIONAL UNIVERSITY JOURNALS

- 4.1 European Journal of General Dentistry
- 4.2 International Journal of Social Sciences and Educational Developments
- 4.3 Eurasian Journal of Science and Engineering

#### 4.1 EUROPEAN JOURNAL OF GENERAL DENTISTRY



European Journal of General Dentistry is a peerreviewed online journal with 3 issues print on demand compilation of issues published.

#### EJGD is indexed by:

Google Scholar, OpenJGate, EBSCO Publishing's, Electronic Databases, Hinari, CNKI (China National Knowledge Infrastructure), Exlibris – Primo Central, Infotrieve, Journal Guide, National Science Library, ProQuest, TdNet, Index Copernicus, SCOPUS

#### The topics are:

- The Management of Dental Disease
- Periodontology
- Endodontology
- Operative Dentistry
- Prosthodontics
- Denatl biomaterials Science
- Epidemiology
- Oral Health

# 4.2 INTERNATIONAL JOURNAL OF SOCIAL SCIENCES AND EDUCATIONAL DEVELOPMENT



#### The topics are:

- Child Development
- Curriculum Development
- Reading Comprehension
- Philosophies of Education
- Educational Approaches
- Primary School Education
- Secondary and Higher Education Adult Education
- Educational Theory
- Educational Development
- Educational Psychology
- Sociology of Education
- Teaching and Learning
- Educational Management
- Leadership and Management
- Teacher Education
- Professional Development of Teachers Education History
- Education Science Distance
- Education Guidance and Counselling

International Journal of Social Sciences & Educational Studies is an open access international double-blind peer-reviewed refereed journal that publishes original researches regarding different fields of Education. The Journal is published quarterly

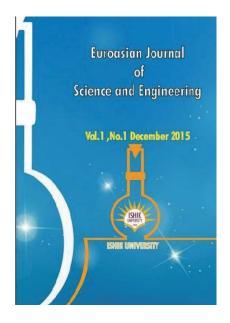
(September, December, March, June) in both print and online versions. The online version is free to access and download. The journal publishes original research papers, case reports, and review articles.

#### IJSSES is indexed by:

Index Copernicus, DOAJ, Jifactor, Citefactor, Google Scholar, Crossref, Road (Directory of Open Access Scholarly Resources), ResearchBib, DRJI (Directory of Research Journals Indexing), Worldcat, Open Sceince Dierctory, J-Gate, Ulrich's, SIS (Scientific Indexing Services), Sherpa/RoMEO, WangFang Data, MIAR.

- Measurement and Evaluation in Education Science Education
- Innovation and Changing in Education Lifelong Learning
- Social Sciences Teaching
- Mathematics Education
- Special Education Motivation
- Language Teaching, Linguistics Language Acquisition

#### 4.3 EURASIAN JOURNAL OF SCIENCE AND ENGINEERING



The EAJSE is an open access international double-blind peerreviewed refereed journal that publishes original researches regarding different fields of science and engineering. The Journal is published biannually (December, June) in both print and online versions. The online version is free to access and download. The journal publishes original research papers, case reports, and review articles.

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- Community and Global Ecology
- Evolutionary and Population Biology

- Climate Change Impact Assessment
- Landscape Ecology and Conservation Biology
- Multidisciplinary Agro-Ecological and Environmental Research
- Biometrics or Biomathematics
- Ecological and Sustainable Agriculture
- Natural Resource Management
- Ecological Monitoring and Modeling
- Environmental Physics
- Environmental Chemistry
- Environmental Economics
- Environmental Management
- Environmental Science
- Environmental Engineering & Technology
- Environmental Architecture
- Environmental Health
- Ecological and Environmental Protection
- Issues such as Air and Water Pollution, Solid Waste, Noise
- Recycling, Natural Resources



**RESEARCH PROJECTS** 

## **5. RESEARCH PROJECTS**

# **Faculty of Dentistry**

Title	Author(s)	Department	Specialization
	Niladri Maiti	Endodontics	Endodontic
1. Glass Ionomea Cements in Dentistry – An Update	Alisher Babakuliyev	Endodontics	Endodontic
To Guiss Tonomen Cements in Benesery Time opanie	Duran Kala	Basic Science	Biology
2. Assessment of Common Errors and Subjective Quality of Digital Orthopantomogram in a Dental School in Kurdistan	Nitin Kumar	Oral Surgery	Oral & Maxillofacial Surgery
3. Laser Assisted Therapy in Management of Dentin Hypersensitivity	Niladri Maiti	Endodontics	Endodontics
4. Comparison of Staining Capabilities of Various	Vinoth Kumar S.	Prosthodontics	Prosthodontics
Coloured Beverages on the Surface of Feldspathic Ceramics Used in PFM Crowns by the Dental Laboratory in a Private Dental College	Jabbar Hussein	Prosthodontics	Conservative Dentistry

# **Faculty of Pharmacy**

	Title	Author(s)	Department	Specialization
1.	Carbon Nanotubes as a Novel	Omji Porwal	Pharmacy	Pharmacognosy
10	<b>Drug Delivery System for</b>	Esra T. Anwar	Pharmacy	Pharmaceutics
	Crucial Disease	Sachin Singh Pharmacy		Pharmaceutics
		Omji Porwal	Pharmacy	Pharmacognosy
2.	Self Nanoemulsifying Delivery	Esra T. Anwar	Pharmacy	Pharmaceutics
	System Loaded with Docosahexaenoic Acid	Sachin Singh	Pharmacy	Pharmaceutics
		Muath Sh. Mohammed Ameen	Pharmacy	Pharmaceutics

# **Faculty of Engineering**

Title	Author(s)	Department	Specialization
	Mohammed A. Taha	Computer Engineering	CSE
1. IKP Based biometric Authentication	M. Viswanathan	Computer Engineering	CSE
Using Artificial Neural Network	Ganesh B .Loganathan	Mechatronics	Mechatronics
2. Crude Oil Geochemistry Classification Based on Molecular and Bulk Properties in the Southern Mesopotamian Basin, Iraq: Review	Rzger A. Abdula	Petroleum Engineering and Mining	Petroleum Geologist
3. Petrological Features of Organic	Rzger A. Abdula	Petroleum Eng.& Mining	Petroleum Geologist
Matter from Upper Jurassic	Kamal Kolo	Petroleum Geosciences	Petroleum Geologist
Naokelekan Formation, Kurdistan-	Maria – Elli D. V.	Geology (Patras)	Organic Petrography
Iraq: A Study on Regional Thermal	Victoria Raftopoulou	Geology (Patras)	Organic Petrography
Maturity Trends	Polla Khanaqa	Research Center (KISSR)	Organic Petrography
Widthity Hends	Stavros Kalaitzids	Geology (Patras)	Economic Geologist
	Ibrahim M. Jaza	Geology (Sulaimani)	Organic Geochemistry
4. Stratigraphic Correlation and Source	Sardar S. Fatah	Geology (Sulaimani)	Organic Geochemistry
Rock Characterization of the Baluti	Rzger A. Abdula	Petroleum Eng.& Mining	Petroleum Geologist
Formation from Selected Wells in	Mohammad H. Hakimi	Geology (Ta`izz)	Petroleum Geologist
Zagros Folded Belt of Kurdistan	Wan H. Abdullah	Geology (Malaya)	Petroleum Geologist
Region, Northern Iraq	Polla A. Khanaqa	Geology (KISSR)	Organic Petrography
	Grenville Lunn	Geology (PGA Ltd)	Stratigrapher
	Ibrahim M. Jaza	Geology (Sulaimani)	Organic Geochemistry
5. Organic Geochemistry and	Sardar S. Fatah	Geology (Sulaimani)	Organic Geochemistry
Petrology Characterization of the Triassic Baluti Formation from	Rzger A. Abdula	Petroleum Eng.& Mining	Petroleum Geologist
TaqTaq-22well in Zagros Folded	Mohammad H. Hakimi	Geology (Ta'izz)	Petroleum Geologist
Zone of Kurdistan Region –	Wan H. Abdullah	Geology (Malaya)	Petroleum Geologist
Northern Iraq	Polla A. Khanaqa	Geology (KISSR)	Organic Petrography
	Grenville Lunn	Geology (PGA Ltd)	Stratigrapher
6. Adaptive Wiener Filter and Non-	Mohammad A. Taha	Computer Engineering	Artificial Intelligence
Linear Diffusion Based De-blurring	Melike Sah	Computer Engineering	Deep Learning
and De-noising Images	Cem Direkoglu	Computer Engineering	Computer Vision
7. An Efficient image De-Blurring Technique Using Point Spread in	Muhammed S. Anwar	Computer Engineering	Computer Engineering
High Definition Medical Image	Abubakr M. Ashir	Computer Engineering	Machine Learning
8. Block Chain Technology and Financial Inclusion: A Systematic Review of Literature	Mohammad A. Taha	Computer Engineering	Artificial Intelligence
9. Big Data Characteristics, Architecture, Technologies and	Wisam A. Qader	Computer Engineering	Computer Engineering
Applications  Applications	Musa M. Ameen	Computer Engineering	Computer Engineering

	Bilal I. Ahmed	Information Technology	Information Technology
10. Distributed Key Management to Secure IoT Wireless Sensor Networks in Smart-Agro	Safwan M. Hussein	Computer Engineering	Computer Network
	Juan A.L. Ramos	Mechatronics	Mechatronics
	Jose A.A. Bermejo	Informatics	Security

# **Faculty of Education**

Title	Author(s)	Department	Specialization
1. The Syntax of Exceptive	Sameerah T. Saeed	ELT	Theoretical Linguistic
Constructions in Arabic	Andres Holmberg	ELT	Theoretical Linguistic
2. A Minimalist Analysis of Exceptive in Central Kurdish	Sameerah T. Saeed	ELT	Theoretical Linguistic
3. Burnout Determinants and			
Consequences Among University	Suleyman Celik	ELT	Educational Silences
Lecturers			
4. Intelligence Differences and			
Mediation Factors: A Sequential			
Explanatory Study of Improvement	Suleyman Celik	ELT	Educational Silences
of EFL Undergraduate Students`			
Reading Comprehensive Skills			
5. The Effect of Online Courses on			
Students' Achievement on Reading,	Mustafa Altun	ELT	Pedagogy
Listening and Writing Skills	N C . A.1.	TI T	D 1
6. The Role of Storytelling on Students Speaking Skills	Mustafa Altun	ELT	Pedagogy
7. The Perceptions of EFL Teachers			
and Students on the Use of Short			
Stories to Enhance Reading	Sami H. H. Barzani	ELT	Education
Comprehension			
8. The Reflections of the English			
Language Teaching Department	Emine Bala	ELT	Education
Students on Internship Program,			_, .
Erbil Case	Ali Bala	ELT	Education
9. The Impact of Out-of-Class			
Language Activities on Language	A 11 D - 1 -	DI T	E francisco
Proficiency of Private University	Ali Bala	ELT	Education
EFL Students (A Case of Erbil)			



**PUBLICATIONS** 

## **6. PUBLICATIONS**

## Publications published in 2019-2020 Academic Year

#	Title of the Publication	Journal Name	Author(s)	Faculty	Link	Date of publication
1	Global injury morbidity and mortality from 1990 to 2017: results from the Global Burden of Disease Study 2017	Injury Prevention	Beriwan Abdulqadir Ali	Dentistry	https://pub med.ncbi.nl m.nih.gov/3 2332142/	24 April 2020
2	Climate mitigation policies and actions: access and allocation issues	International Environmental Agreements: Politics, Law and Economics	Paiman Ahmad	FASE	https://link .springer.c om/article/ 10	27 May 2020
3	Antecedents of Trust, Corporate Image, and Switching Costs: A Case in Telecommunication Services in Kurdistan Region of Iraq	International Journal of Mobile Communications	Ahmet Demir / Taylan Budur	FASE, Slemani	http://hj.di va- portal.org/ smash/rec ord	16 June 2020
4	Mapping local patterns of childhood overweight and wasting in low- and middle-income countries between 2000 and 2017	Nature Medicine	Beriwan Abdulqadir Ali	Dentistry	https://ww w.nature.c om/article s/s41591- 020-0807-	20 April 2020
5	Mapping geographical inequalities in childhood diarrhoeal morbidity and mortality in low-income and middle-income countries, 2000–17: analysis for the Global Burden of Disease Study 2017	The Lancet	Beriwan Abdulqadir Ali	Dentistry	https://ww w.thelance t.com/jour nals/lancet /article/PII S0140- 6736(20)3 0114- 8/fulltext	06 May 2020
6	Green synthesis of magnetite nanoparticles using Brassica napus flower extract: an efficient and highly recyclable catalyst for the one-pot synthesis of some new N, N <sup>-</sup> - Bis [(p-cresol-2-yl) substituted phenyl methyl]-4, 4 <sup>-</sup> - oxydianilines	Egyptian journal of chemistry	Faiq H Hussain	Science	https://ejc hem.journ als.ekb.eg/ article 45 992 0.htm	01 April 2020
7	Green synthesis of the magnetite (Fe <sub>3</sub> O <sub>4</sub> ) nanoparticle using <i>Rhus coriaria</i> extract: a reusable catalyst for efficient synthesis of	Inorganic and nanometal chemistry	Aziz A. Barzinjy / Faiq H.S. Hussain	Education	https://ww w.tandfonl ine.com/d oi/abs/10. 1080/2470 1556	05 February 2020

8	Green synthesis and characterization of zinc oxide nanoparticles using <i>Eucalyptus globulus</i> Labill. leaf extract and zinc nitrate hexahydrate salt.	SN Applied sciences	Aziz A. Barzinjy	Education	https://link .springer.c om/article/ 10.1007/s 42	30 April 2020
9	Nanoparticles hydrothermal simulation in a pipe with insertion of compound turbulator analyzing entropy generation	Physica A: Statistical Mechanics and its Applications	Aziz A. Barzinjy	Education	https://ww w.science direct.com /science/ar ticle	15 March 2020
10	Curve-fitting on experimental thermal conductivity of motor oil under influence of hybrid nano additives containing multi-walled carbon	Physica A: Statistical Mechanics and its Applications	Aziz A. Barzinjy	Education	https://ww w.science direct.com /science/ar ticle/abs	01 December 2019
11	The impact of deflection on the sensing response of fiber bragg gratings bonded to graphene and PMMA substrates	Current Optics and Photonics	Mudhaffer Mustafa Ameen	Education	http://kore ascience.o r.kr/article /JAKO	25 April 2020
12	Effects of surface roughness with the spherical shape on the fluid flow of argon atoms flowing into the microchannel, under boiling condition	Journal of Molecular Liquids	Aziz A. Barzinjy	Education	https://ww w.science direct.com /science/ar ticle/pii	01 January 2020
13	Burnout Determinants and Consequences Among University Lecturers	Amozonia Investiga	Taylan Budur / suleyman celik	FASE Slemani & Education	https://wwww.amazoniainvestiga.info/index.	21 March 2020
14	New acetylenic metabolites from the toxic mushroom Tricholoma pardinum	Natural Product Research	Faiq H Hussain	Pharmacy	https://ww w.tandfonl ine.com/d oi/abs/10.	15 June 2020
15	An Overview of the Therapeutic Potential of Iris persica	Current Traditional Medicine	Faiq H Hussain / Omji Parwal	Pharmacy	https://ww w.eurekas elect.com/	01 August 2020
16	Impact of solidification on micromeritic properties and dissolution rate of self-nanoemulsifying delivery system loaded with docosahexaenoic acid	Drug Development and Industrial Pharmacy	Omji Parwal / Esra Bayraktar / Muath Sheet	Pharmacy	https://pub med.ncbi. nlm.nih.go v/3216298	23 March 2020
17	Enzyme immobilization onto the nanomaterials: Application in enzyme stability and prodrug-activated cancer therapy	International Journal of Biological Macromolecules	Abbas Salihi	Science	https://ww w.science direct.com /science/ar ticle/abs/pi i/S	15 January 2020
18	Mechanical and tribological characteristics of ZrO <sub>2</sub> reinforced Al2014 matrix composites produced via stir casting route	Materials Research Express	Ganesh Babu	Research Center	https://ww w.semanti cscholar.o rg/paper	01 November 2019
19	Evaluation of mechanical behaviour of carbon fiber reinforced nanoclay filled IPN matrix composite	Materials Research Express	Ganesh Babu	Research Center	https://iop science.io p.org/artic le/10	15 November 2019

	Influence of benzoyl chloride				https://iop	
20	treatment on the tribological characteristics of Cyperus pangorei fibers based non-asbestos	Materials Research Express	Ganesh Babu	Research Center	science.io p.org/artic le/10.1088	18 November 2019
21	Curve-fitting on experimental data for predicting the thermal-conductivity of a new generated hybrid nanofluid of graphene oxide-titanium oxide/water	Physica A: Statistical Mechanics and its Applications	Aziz A. Barzinjy	Education	https://ww w.science direct.com /science/ar ticle/abs/pi i/S03784	15 June 2020
22	Experimental Investigation of White Layer Thickness on EDM Processed Silicon Steel Using ANFIS Approach	Silicon	Ganesh Babu	Research Center	https://link .springer.c om/article/ 10.1007/	21 November 2019
23	Reading Habit and Its Role on Students' Academic Success at Language Preparatory School: A Research on Tishk International University Preparatory School Students	Amozonia Investiga	Yunus Yildiz	Prep	https://ww w.amazoni ainvestiga. info/index. php/amazo nia/article/ view/1228	21 March 2020
24	Service Quality Perspectives in Telecommunication Sector: Trust and loyalty	Amozonia Investiga	Osman Sahin / Mohammed S.S.	FASE, Slemani	https://ww w.amazoni ainvestiga. info/ind	21 April 2020
25	Iraqi Kurdistan's 2017 Independence Referendum: The KDP's Public and Private Motives	Asian Affairs	Hawre Hasan Hama	FASE, Slemani	https://ww w.tandfonl ine.com/d oi/abs/	17 January 2020
26	Material characterization and unconventional machining on synthesized Niobium metal matrix	Materials Research Express	Ganesh Babu	Research Center	https://ui.a dsabs.harv ard.edu/ab s/2020MR E	17 December 2020
27	Study on tribological properties of palm kernel fiber for brake pad applications	Materials Research Express	Ganesh Babu	Research Center	https://iop science.io p.org/artic le/10	09 December 2020
28	The Effect of Project-Based Learning on First-Year Undergraduate Students in English for Specific Purposes (ESP) Courses	International Journal of English Linguistics	Azize Kavlu	Education	http://ww w.ccsenet. org/journa l/index	29 June 2020
29	Distributed Key Management to Secure IoT Wireless Sensor Networks in Smart-Agro	Sensors	Safwan Mawlood	Engineering	https://ww w.mdpi.co m/1424- 8220/20/	15 April 2020
30	Ethical Leadership, Effectiveness, and Team Performance: An Islamic Perspective	Middle East Journal of Management	Taylan Budur / Ahmet Demir	FASE, Slemani	https://ww w.research gate.net/p ublication.	29 June 2020
31	Transformational Leadership and its Impact on Customer Satisfaction. Measuring Mediating Effects of Organizational Citizenship	Middle East Journal of Management	Taylan Budur	FASE, Slemani	https://ww w.research gate.net/p ublication/ 34142656 2	17 March 2020

	Behaviors					
32	Investigation of Caryota urens fibers on physical, chemical, mechanical and tribological properties for brake pad applications	Materials Research Express	Ganesh Babu	Research Center	https://iop science.io p.org/artic le/10.1088	16 December 2020
33	Green and eco-friendly synthesis of Nickel oxide nanoparticles and its photocatalytic activity for methyl orange degradation	Journal of Materials Science: Materials in Electronics	Azeez A. Barzinj / Semih Aydin / Faiq H. Hussain	Education	https://link .springer.c om/article/ 10.1007/s 10854- 020	28 May 2020
34	Significant effect on annealing temperature and enhancement on structural, optical and electrical properties of zinc oxide nanowires	Results in Physics	Mohammed Husham	Education	https://ww w.science direct.com /science/ar ticle/pii	01 June 2020
35	A Critical Review on the Influence of Fine Recycled Aggregates on Technical Performance, Environmental Impact and Cost of Concrete	Applied Sciences	Barham Haydar	Engineering	https://ww w.mdpi.co m/2076- 3417/10/3/ 1018	04 February 2020
36	Molecular Docking and Recent Advances in the Design and Development of Cholinesterase Inhibitor	Medicinal Chemistry drug Discovery	Faiq H.S. Hussain	Science	https://che mistry- europe.onl inelibrary. wiley.com	20 December 2019
37	A Comparison Between Ridge Regression And Least Absolute Value Using Simulation Technique	Advances and Applications in Statistics	Mwafaq T. Al- Kassab	Education	https://sear ch.emaref a.net/detai l/BIM- 321254/	16 February 2020
38	The Status of Cancer Publications in the Kurdistan Region of Iraq	Journal of cancer policy	Abbas Salihi / Karwan M. Ameen	Science	https://ww w.science direct.com	05 February 2020
39	Shannon entropy and Fisher information for screened Kratzer potential	International journal of quantum chemistry	Hewa Y. Abdullah	Education	https://onlinelibrary.wiley.com/doi/full	25 April 2020
40	Biosynthesis zinc oxide nanoparticles using Apium graveolens L. leaf extract and its use in removing the organic pollutants in water	Desalination and Water Treatment	Aziz A. Barzinjy	Education	https://ww w.deswate r.com/DW T abstract s/vol	01 June 2020
41	On the Domain of the Four- Dimensional Sequential Band Matrix in Some Double Sequence Spaces	Mathematics	Orhan Tug	Education	https://ww w.mdpi.co m/2227- 7390/8/	13 May 2020
42	Book review: Sheri Berman, Democracy and Dictatorship in Europe: From the Ancient Régime to the Present Day	India Quarterly: A journal of International affairs	Neville D Cunha	FASE	https://jour nals.sagep ub.com/do i/abs	16 April 2020
43	Biosynthesis and characterization of zinc oxide nanoparticles from <i>Punica</i> granatum (pomegranate) juice	Micro and nano letters	Aziz Abdullah Barzinjy / Semih Aydin / Faiq Hama	Education	https://ieee xplore.iee e.org/docu ment/9104	27 May 2020

	extract and its application in		Saeed Husain		<u>805</u>	
	thin films preparation by spin- coating method					
44	Impact of Intangible Characteristics of Universities on Student Satisfaction	Amozonia Investiga	Noor Us Sabbah Khan / Yunus Yildiz	Prep (Slemani / Erbil)	https://am azoniainve stiga.info/i ndex	21 February 2020
45	Combined chemo- magnetic field-photothermal breast cancer therapy based on porous magnetite nanospheres	Scientific Reports	Karwan M. Amen	Nursing	https://ww w.nature.c om/article s/s41598- 020	03 April 2020
46	Plasmonic and chiroplasmonic nanobiosensors based on gold nanoparticles	Talanta	Karwan M. Amen	Nursing	https://ww w.science direct.com /science	15 May 2020
47	Filtering two-element waveguide antenna array based on solely resonators	AEU - International Journal of Electronics and Communications	Rashad H. Mahmud	Education	https://ww w.science direct.com /science/ar ticle/abs	01 July 2020
48	Essential Oil Composition and Antidiabetic, Anticancer Activity of <i>Rosmarinus</i> officinalis L. Leaves from Erbil (Iraq)	Journal of essential oil bearing plants	Javed Ahamad , Subasini Uthirapathy, Muath Sh. Mohammed Ameen, Esra T. Anwer	Pharmacy	https://ww w.tandfonl ine.com/d oi/abs/10. 1080/0972 060X.201 9.1689179	09 January 2020
49	DEAE-cellulose-catalyzed synthesis of 5-hydroxy- isoxazolidines and their synthetic uses towards nucleoside analogues	Arkivoc	Faiq H Hussain	Science	https://we b.a.ebscoh ost.com/ab stract?dire ct=true&p rofile	03 April 2020
50	Quality by Design-Based Crystallization of Curcumin Using Liquid Antisolvent Precipitation: Micromeritic, Biopharmaceutical, and Stability Aspects	ASSAY and Drug Development Technologies	Omji Parwal	Pharmacy	https://ww w.liebertp ub.com/do i/abs/10.1 089/adt.20 18	21 January 2020
51	The Impact of Social Media on Panic During the COVID-19 Pandemic in Iraqi Kurdistan: Online Questionnaire Study	Journal of Medical Internet Research	Araz Ramazan Ahmad	FASE	https://ww w.jmir.org /2020/5/e1 9556/	22 April 2020
52	Detecting Early Parkinson's Disease via Computer Keyboard Interaction by Using Machine Learning	International Journal of Future Generation Communication and Networking	Ahmad Nadhmi Hama Salih	Engineering	http://sersc .org/journ als/index.p hp/IJFGC N/article/v iew/4941	22 December 2020
53	A new factor for fabrication technologies evaluation for silicon nanowire transistors	TELKOMNIKA Telecommunicatio n	Yashir Hasim	Engineering	http://jour nal.uad.ac. id/	Ahead of print
54	Investigation and design of ion-implanted MOSFET based on (18 nm) channel length	TELKOMNIKA Telecommunicatio n	Yashir Hasim	Engineering	http://jour nal.uad.ac. id/index.p hp/	Ahead of print

55	Channel Length-Based Comparative Analysis of Temperature and Electrical Characteristics for SiNWT and GeNWT	International Journal of Computing and Digital Systems	Yashir Hasim	Engineering	https://jour nal.uob.ed u.bh/handl e/1234567 89/3701	01 January 2020
56	Non-Hodgkin's Lymphoma presenting as deep venous thrombosis; A case report with literature review	International Journal of Surgery Case Reports	Mohammed Qadir Mustafa	Science	https://ww w.ncbi.nl m.nih.gov/ pmc/articl es/PMC72 60608/	22 May 2020
57	In Silico, Ex Vivo and In Vivo Studies of Roflumilast as a Potential Antidiarrheal and Antispasmodic agent: Inhibition of the PDE-4 Enzyme and Voltage-gated Ca <sup>++</sup> ion Channels	Molecules	Abdul Samad	Pharmacy	https://ww w.ncbi.nl m.nih.gov/ pmc/articl es/PMC70 70291/	24 February 2020
58	Virtual Reality in Education from the Perspective of Teachers	Amozonia Investiga	Hamdi Serin	FASE	https://am azoniainve stiga.info/i ndex	21 February 2020
59	Synthesis, spectroscopic investigation, antibacterial and antioxidant activities of some derivatives	Egyptian Journal of chemistry	Faiq Hussain	Pharmacy	https://ww w.research gate.net/p ub	01 December 2019
60	Transformational Leadership and its Impact on Customer Satisfaction. Measuring Mediating Effects of Organizational Citizenship Behaviors.	Middle East Journal of Management	Taylan Budur	Slemani	https://ww w.research gate.net/p ublication/ 34142656 2	Preprint
61	Philosophy Of Contract Law	International Journal of Future Generation Communication and Networking	Sabah qasim khedir	Law	https://sers c.org/jour nals/index. php/IJFG CN/	20 May 2020
62						
63	Influence of water absorption on glass fibre reinforced IPN composite pipes	Polimeros	Ganesh Babu	Research Center	https://ww w.scielo.br /scielo.php ?pid=S01	04 November 2019
64	Cure And Prevention Of Diseases With Vitamin C Into Perspective: An Overview	Journal of Critical Reviews	Humera Khan / Faiq H. S. Hussain / Abdul Samad	Science	http://ww w.jcrevie w.com/full text/197- 15847945 21.pdf	16 April 2020
65	Integrating listening and speaking for the development of speaking skills	Mextesol Journal	Cagri Tugrul Mart	Rectorate		
66	The Effect of training on Performance of Employees in educational institutions- "A study of private universities in India"	TEST Engineering and Management	Roopal Shrivastava	FASE	http://test magzine.b iz/index.p hp/testmag zine/articl e/view/29	24 February 2020

67	A comparison between the performance of DWT and LWT in image watermarking	Bulletin of Electrical Engineering and Informatics	Taha Basheer Taha	Engineering	https://beei. org/index.p hp/EEI/arti cle/downlo ad/1754/14	01 June 2020
68	Integration of SEM to VIKOR for Benchmarking Repurchase Intentions in Gated Communities	International Journal of Psychosocial Rehabilitation	Osman Sahin / Khayal Masum Faraj / Zrian Ibrahim	FASE	https://ww w.psychos ocial.com/ article/PR 281363/28 601/	01 May 2020
69	Comparative Analysis of motivational factors towards implementation of Human Resource Accounting practices – A comparative study between two	TEST Engineering and Management	Navulur Krishna Surarchith,	FASE	http://test magzine.b iz/index.p hp/testmag zine/articl e/view/29 25/2567	24 February 2020
70	The Effect of Cooperative Learning Strategies in the Enhancement of EFL Learners' Speaking Skills	Asian EFL Journal	Mustafa Altun / Reman Sabah	Education	https://pap ers.ssrn.co m/sol3/pa pers.cfm?a bstract_id =3621243	30 June 2020
71	Integrating Form and Content within Classroom Discussions of Literature: A Discernible Advantage in Language Learning	Theory and Practice of second language acquisition	Cagri Tugrul Mart	Rectorate		
72	The Effect of Inquiry-based Approach on Development of Reading and Writing Skills of a University EFL students	Asian EFL Journal	Venera Ulker / Hewa Fouad Ali	Education	https://pap ers.ssrn.co m/sol3/pa pers.cfm?a bstract_id =3621259	30 June 2020
73	Big Data Characteristics, Architecture, Technologies and Applications	Journal of Computer Science	Wisam A. Qader/ Musa M. Ameen / Bilal Ismael Ahmed	Engineering	https://thes cipub.com /abstract/jc ssp.2020.8 17.824	22 June 2020
74	A Single-switch Bi-polar Triple Output Converter with Fuzzy Control	International Journal of Advanced Science and Technology	Idris H. Salih / Ganesh Babu Loganathan	Rectorate	http://sersc .org/journ als/index.p hp/IJAST/ article/vie w/11022	01 May 2020
75	Impact of Human Resource Accounting Practices on Support of Top Management in the Educational Institutions — Evidence from a Private University in Kurdistan Region of Iraq	TEST Engineering and Management	Fatih Cura	FASE	http://test magzine.b iz/index.p hp/testmag zine/articl e/view/21 74/1944	07 February 2020
76	Design and Implementation of Portable Smart Wireless Pedestrian Crossing Control System	IEEE	Yashir Hashim	Engineering	https://ieee xplore.iee e.org/docu ment/9108 223	04 June 2020

77	Working Capital Practices in Select State owned and Private owned Power Distribution Utilities in India	TEST Engineering and Management	Waqar Ahmad	FASE	http://test magzine.b iz/index.p hp/testmag zine/articl e/view/65 24/5027	26 April 2020
78	Analytical Study of the Relationship between Organizational Culture and Organizational Performance: A Case of Private Organizations of Kurdistan in Erbil	TEST Engineering and Management	Karwan Talat Rashid	FASE	http://test magzine.b iz/index.p hp/testmag zine/articl e/view/21 75/1945	07 February 2020
79	Temperature characteristics of finfet based on channel width and working voltage	International Journal of Electrical and Computer Engineering	Yashir Hashim	Engineering	http://ijece .iaescore.c om/index. php/IJECE /article/vie w/22764	20 May 2020
80	Impact of Human Resource Accounting Practices on Decision Making in the Organization – Evidence from a Private Company in Kurdistan Region of Iraq	International Journal of Innovative Technology and Exploring Engineering	Navulur Krishna Surarchith	FASE	https://ww w.ijitee.or g/wp- content/up loads/pape rs/v8i9S3/ I32760789 S319.pdf	25 July 2019
81	Investigation of A413 alloy with reinforcement of SiC and flyash hybrid composites by stir cast cum forged process on electric vehicle In-wheel motor casing	Materials Today: Proceedings	N.S. Sivakumar	Engineering	https://ww w.science direct.com /science/ar ticle/pii/S2 21478532 0318228	27 March 2020
82	Glass-Ionomer Cements in Dentistry-An Update	International Journal of Advanced Science and Technology	Niladri Maiti, Alisir Babakuliyev, Duran Kala	Dentistry	http://sersc .org/journ als/index.p hp/IJAST/ article/vie w/5439/33 93	07 March 2020
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_	A comparison between Marxism and Islamic State's Salafi Jihadism	Asian Journal of Comparative Politics	Hawre Hasan Hama	FASE, Slemani	https://jour nals.sagep ub.com/do i/abs/10	06 December 2019
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	GDP Growth Projection, Capital	E JOURNAL				
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170	Quantifying risks and interventions that have affected the burden of lower respiratory infections among children younger than 5 years: an analysis for the Global	Lancet	Karzan Muhammed	Science	https://ww w.thelance t.com/jour nals/laninf /article/PII S1473	30 October 2019
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191	The Benchmarking Operations Strategies via Hybrid Model: A Case study of Café-Restaurant Sector	Amozonia Investiga	Taylan Budur, Khayal Mahsum faraj, Lanya Ali Karim	SLEMANI	https://am azoniainve stiga.info/i ndex.php/ amazonia	11 October 2019
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200	Performance of Undergraduate	Technology and	Navulur, Yusra	FASE	content/up	July 2019
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